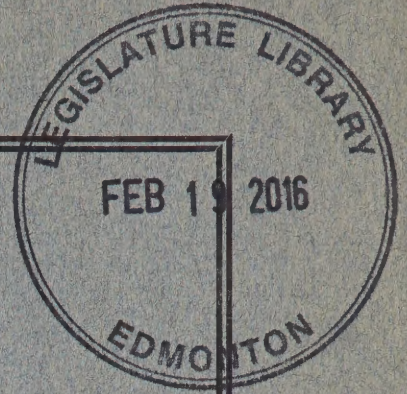


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**ANNUAL REPORT**  
OF THE  
**Department of Public Health**  
INCLUDING  
**Vital Statistics Branch**  
**1925**

PRINTED BY ORDER OF THE LEGISLATIVE ASSEMBLY



EDMONTON:  
Printed by W. D. McLean, Acting King's Printer  
1926

*Sessional Paper No. 6, 1925.*

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1926



Edmonton, March 31st, 1926.

To His Honour  
WILLIAM EGBERT,  
Lieutenant-Governor of the Province of Alberta.

Edmonton, March 31st, 1926.

To His Honour

WILLIAM EGBERT,

*Lieutenant-Governor of the Province of Alberta.*

SIR,—

I have the honour to transmit herewith the Annual Report of the Department of Public Health for the year 1925.

I have the honour to be, Sir,

Your obedient servant,

GEORGE HOADLEY,

*Minister of Health.*



Report of the Deputy Minister

Edmonton, March 23rd, 1926.

TO THE HONOURABLE GEORGE HOADLEY,  
*Minister of Health,*  
Parliament Buildings, Edmonton, Alberta.

SIR,—

I have the honour to submit the seventh Annual Report of the Department of Public Health.

The Department is divided into the following Branches:

1. Communicable Diseases.
2. Sanitary Engineering and Sanitation.
3. Laboratory.
4. Nursing.
5. Hospitals.
6. Municipal Hospitals.
7. Venereal Diseases.
8. Vital Statistics.
9. Institutions: Central Alberta Sanatorium, Robertson.  
Provincial Mental Hospital, Ponoka.  
Provincial Mental Institute, Oliver.  
Provincial Training School, Red Deer.

I have the honour to be, Sir,

Your obedient servant,

W. C. LAIDLAW, M.B.,  
*Deputy Minister.*





## Report of the Deputy Minister

SIR,—

Dr. V. E. Barrow was retired on Superannuation in February, and Dr. R. B. Jenkins appointed in his place. Dr. Jenkins has proved himself well-fitted for the work he has to carry on.

During the summer Mr. A. M. Zalizniak was appointed as Health Inspector and attached to this Branch. He has been working amongst the people of foreign birth, lecturing on health matters and, under the direction of Dr. Jenkins, immunizing the school children against Small-pox and Diphtheria.

### *Sanitary Engineering and Sanitation:*

The services of the Inspectors attached to this Branch have been largely used in investigating outbreaks of infectious diseases, especially typhoid.

### *Laboratory:*

Beside the main laboratory at Edmonton, there are branch laboratories at Lethbridge and Calgary.

All specimens submitted are examined free of charge.

Antitoxins, sera, etc., are kept for distribution to Local Boards of Health as needed.

### *Approved Hospitals and Municipal Hospitals:*

The report of the Municipal Hospitals Branch shows increased activity during the year.

All approved hospitals have been inspected during the year. In the larger places hospitals are maintained in a highly efficient manner. In the smaller places it is not possible to provide as many services, but it has been the aim of the Department to see that the accommodation provided was suitable.

### *Private Hospitals:*

At the last session of the Legislature an Act respecting Private Hospitals was passed. Under this Act authority to license and inspect was given to the Provincial Board of Health. Sixty-six hospitals were inspected and licensed.

### *Institutions:*

During the year the Minister appointed a Board of Visitors to inspect and report on all institutions operated by the Department of Public Health. The Board appointed consisted of:

Dr. J. M. MacEachern,  
Mrs. Emily Murphy,  
Mrs. J. Field,  
Mrs. J. F. Anderson,  
Mr. W. J. Botterill.

A thorough inspection of all institutions was carried out, and a comprehensive report submitted.

*Central Alberta Sanatorium, Robertson:*

In accordance with an agreement between the Dominion and Provincial Governments this institution came under the administration of the Department of Public Health on July 1st, 1925. Dr. Baker submits a very comprehensive report of the work carried on in that institution.

*Mental Hospitals, Ponoka and Oliver:*

One of the problems the Government has to face is that of providing for insane and mentally defective persons.

The average yearly increase in the number of persons admitted to Ponoka has been from fifty to sixty. The present institutions will have reached their capacity early in 1927 and it will be necessary before then to provide further accommodation. The suggestion made by Dr. Cooke in respect to the establishment of a Psychopathic hospital in connection with the University is well worthy of consideration.

The treatment of General Paralysis of the Insane by inoculating patients with malaria is now in its second year of trial, having been begun in September, 1923. In a large percentage of the cases great benefit follows this method of treatment. The treatment originated in Vienna, but the Ponoka Mental Hospital was the first hospital in Canada to carry on this work.

*Tuberculosis in Cattle:*

The Provincial Government, with the assistance of the Dominion Research Council, is carrying out the Calmette system of immunizing cattle against tuberculosis. This work was begun last fall, and it is hoped that a full report will be forthcoming this summer.

*Provincial Training School, Red Deer:*

This institution is filled to capacity, and as there is but little movement of patients it is not possible to admit the many who are on the waiting list.

A social worker has been provided to make a survey of the Province and determine the amount of feeble-mindedness in order that plans may be made for the future.

## INFECTIOUS AND COMMUNICABLE DISEASES.

The number of cases reported during 1925, as compared with 1924.

Disease.	1925	1924
Diphtheria .....	396	758
Scarlet Fever .....	1,473	2,245
Smallpox .....	89	265
Typhoid Fever .....	127	98
Chickenpox .....	978	1,699
Cerebro-Spinal Meningitis .....	7	5
Erysipelas .....	38	83
Encephalitis Lethargica .....	.....	2
Anterior Poliomyelitis .....	13	83
Measles .....	486	2,935
Mumps .....	973	236
Tuberculosis .....	57	158
Whooping Cough .....	763	612

*Smallpox.*—With a few exceptions, the cases of smallpox throughout the Province have been of the mild type, and without doubt many untreated, unreported cases existed.

A considerable amount of educational work has been done, and during the year over two thousand one hundred vaccinations have been performed by this Branch.

*Typhoid Fever.*—This disease shows an increase of 29 cases over 1924, but a proportionate increase has been noted over the whole continent.

*Diphtheria.*—A considerable reduction in the number of cases of this disease will be noted.

During the year much work has been done by the Department and by various organizations in permanently immunizing children against this disease. The Infectious Disease Branch alone immunized practically 1,000 children in the outlying districts where the disease was prevalent.

This work received a stimulus in the introduction of Diphtheria Toxoid, which simplifies the method.

*Scarlet Fever.*—This disease has fortunately been of a fairly mild type. In some districts this mildness has been probably the chief factor in the development of small epidemics.

During the latter part of the year Scarlet Fever Antitoxin was introduced for general use, and it apparently will prove to be almost of as great value as the Diphtheria Antitoxin.

The Scarlet Fever Antitoxin has proved itself beneficial both in treatment and in prophylaxis.

*Tuberculosis.*—During the year one hundred and seventy-six deaths have resulted from Pulmonary Tuberculosis. No doubt many of these cases were reported in former years, but there has been a good deal of laxity in reporting cases of this disease.

*Whooping Cough.*—Whooping Cough is beginning to be recognized by the public as a preventable disease.

Numerous districts report very favourably on the use of Pertussis Vaccine as a prophylactic.

Various statistical tables are attached hereto.

All of which is respectfully submitted.

W. C. LAIDLAW,  
*Deputy Minister.*

TO THE HONOURABLE GEORGE HOADLEY,  
*Minister of Health.*

SMALLPOX

	SEX		MONTHS												AGES							TOTAL		
	M.	F.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	0-1	1-4	5-14	15-24	25-44	45-59	60-69		70-over	
Cities:																								
Calgary .....	4	1	1	—	1	—	—	—	—	1	1	—	—	1	—	—	—	—	4	1	—	—	—	—
Edmonton .....	4	1	—	—	—	—	—	2	—	—	—	—	1	—	—	—	1	2	2	—	—	—	—	
Lethbridge .....	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Medicine Hat .....	18	7	—	—	8	6	4	2	—	—	—	—	—	—	—	13	10	2	—	—	—	—	—	
Towns and Villages .....	11	5	3	—	1	—	1	1	1	2	—	—	1	—	—	1	—	11	1	—	—	—	—	
Rural Districts .....	23	13	—	—	12	3	6	6	—	4	—	—	5	—	—	2	10	12	8	4	—	—	—	
Totals .....	61	28	5	17	13	12	12	5	1	7	1	1	2	13	—	3	24	23	28	11	—	—	—	

TYPHOID FEVER

	SEX		MONTHS												AGES							TOTAL		
	M.	F.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	0-1	1-4	5-14	15-24	25-44	45-59	60-69		70-over	
Cities:																								
Calgary .....	18	4	—	—	—	1	—	—	8	3	4	3	1	—	—	—	—	—	2	16	1	—	—	
Edmonton .....	8	6	—	—	—	—	—	4	—	1	1	—	—	1	—	—	—	—	7	5	—	—	—	
Lethbridge .....	7	4	—	—	2	—	—	—	—	3	1	—	—	1	—	—	—	—	6	1	3	1	—	
Medicine Hat .....	—	2	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wetaskiwin .....	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Towns and Villages .....	22	13	1	1	—	1	1	1	1	4	16	9	—	—	—	1	15	8	7	4	—	—	—	
Rural Districts .....	27	15	3	5	2	—	—	1	1	8	11	3	6	2	—	3	17	8	10	4	—	—	—	
Totals .....	82	45	4	15	5	2	1	14	9	18	31	15	10	3	—	4	43	27	42	11	—	—	—	

WHOOPING COUGH

	SEX		MONTHS												AGES							TOTAL		
	M.	F.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	0-1	1-4	5-14	15-24	25-44	45-59	60-69		70-over	
Cities:																								
Calgary .....	70	51	12	10	9	4	3	9	—	12	16	3	20	23	11	37	72	—	—	1	—	—	—	
Edmonton .....	252	334	14	25	14	50	53	56	85	82	49	59	37	62	60	242	259	20	5	—	—	—	—	
Medicine Hat .....	4	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Red Deer .....	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Towns and Villages .....	10	6	3	—	—	—	—	—	—	—	4	5	3	—	4	8	4	—	—	—	—	—	—	
Rural Districts .....	9	16	1	2	—	—	2	—	5	3	1	2	8	1	2	13	10	—	—	—	—	—	—	
Totals .....	345	418	30	38	23	56	70	65	90	97	70	70	68	86	80	304	352	21	5	1	—	—	—	



MEASLES

	SEX		MONTHS												AGES						TOTAL			
	M.	F.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	0-1	1-4	5-14	15-24	25-44	45-59		60-69	70-over	
Cities:																								
Calgary	37	36			3	1	2	30	37															
Edmonton	86	105			22	22	33	63	51															
Medicine Hat		1						1																
Wetaskiwin	1					1																		
Towns and Villages	82	79	82	26	29	8	1	11	2	1														
Rural Districts	37	22	4	20	1	3		1	5	3	5	5	7	2	15	32	7	3						
Totals	243	243	86	46	55	35	36	106	95	4	5	5	6	7	22	99	320	27	18					

CHICKENPOX

	SEX		MONTHS												AGES						TOTAL		
	M.	F.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	0-1	1-4	5-14	15-24	25-44	45-59		60-69	70-over
Cities:																							
Calgary	142	137	36	19	13	27	19	32	16	5	14	28	33	37	4	39	216	11	9				
Edmonton	200	168	35	43	26	14	6	35	57	22	16	28	41	45	8	75	228	47	10				
Lethbridge	27	26	4	2	14	2	7	2	1	1	6		9	5		9	43	1					
Medicine Hat	9	3	3	1		6	1					1					11	1					
Red Deer		2					1	1									1	1					
Wetaskiwin	8	5	1				4	4	4							3	10						
Towns and Villages	55	54	12	5	5	4	7	23	11	2	2	1	5	32	4	22	76	5	2				
Rural Districts	62	80	9	6	5	6	8	36	6	4	4	6	13	39	4	16	105	13	3	1			
Totals	503	475	100	76	63	59	53	132	95	34	42	65	105	154	20	164	690	79	24	1			

POLIOMYELITIS

	SEX		MONTHS												AGES						TOTAL		
	M.	F.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	0-1	1-4	5-14	15-24	25-44	45-59		60-69	70-over
Towns and Villages		4		1												1	2	1					
Rural Districts	5	4														5	4						
Totals	5	8		1												6	6	1					



# Report of the Provincial Sanitary Engineer

January, 1926.

SIR,

I beg to submit herewith the nineteenth Annual Report of the Branch of the Provincial Sanitary Engineer.

The following is a detailed list of works for which Provincial Board of Health Certificates have been issued, together with the estimated cost of each.

## WATERWORKS.

Edmonton—Certificate No. 202-25, Watermain Extensions. Estimated Cost .....	\$ 4,087.00
Edmonton—Certificate No. 203-25, Watermain Extensions. Estimated Cost .....	23,075.00

## SEWERAGE.

Calgary—Certificate No. 205-25, Sewer Extensions. Estimated Cost.....	\$ 1,138.50
Calgary—Certificate No. 208-25, Sewer Extensions. Estimated Cost.....	12,054.32
Drumheller—Certificate No. 210-25, Sewer Extensions. Estimated Cost	6,040.90
Edmonton—Certificate No. 201-25, Sewer Extensions. Estimated Cost..	41,265.00
This Certificate is Provisional.	
Edmonton—Certificate No. 206-25, Surface water drain. Estimated Cost	900.00
Edmonton—Certificate No. 209-25, Sewer Extensions. Estimated Cost..	25,000.00
Edmonton—Certificate No. 211-25, Sewer Extensions. Estimated Cost..	155,400.00
Edmonton—Certificate No. 212-25, Sewer Extensions. Estimated Cost..	28,500.00
Edmonton—Certificate No. 213-25, Sewer Extensions. Estimated Cost..	67,455.00
Lethbridge—Certificate No. 204-25, Sewer Extensions. Estimated Cost..	1,201.50
North Red Deer—Certificate No. 207-25, Sewer Extensions. Estimated Cost .....	1,000.00

## SEWER AND WATER.

Calgary—Certificate No. 200-25, Sewer and Water connections. Estimated Cost .....	\$ 10,000.00
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Plans, specifications, and proposals in connection with the sanitary engineering works submitted to the Public Utilities Commission were examined and advice given.

The preparation of Public Health legislation and legal work generally in connection with the work of the Provincial Board of Health has been, as usual, carried out by this branch of the Department of Health.

The duties of the Provincial Sanitary Engineer as a member of the Provincial Board of Health have been given the usual and necessary amount of attention.

Other miscellaneous Government works and duties have been duly attended to.

Plans and specifications of proposed hospitals submitted in compliance with the requirements of The Hospitals Act were examined.

Several of the public institutions coming under the administration of the Public Works Department were visited and the sanitary engineering works in connection with these institutions inspected.



During the year the reports on the analyses of water and ice were examined, and where necessary action in the matter of prohibiting the use of the supply was taken or an investigation made for the purpose of advising as to a remedy. There were reports on 920 bacteriological samples of water; of these, 695 samples of water were found to be fit for human consumption and 64 were found unfit for human consumption. There were reports on 301 chemical samples of water; of these 75 samples were found to be fit for human consumption and 5 unfit for human consumption. Sixteen samples of ice examined bacteriologically were found to be fit for human consumption. There were reports on 1,190 samples of cows' milk; of these, 1,182 were bacteriological, 5 chemical, and 93 chemical and bacteriological. Action in the matter of prohibiting or investigating was taken where necessary.

One dairyman was prohibited from disposing of milk under regulation 82a of the Public Health Act; he later complied with the requirements of the Local Board of Health, and was granted permission to sell milk as provided under the aforementioned Regulation.

We commenced the year 1925 with five Health Inspectors, and on April 1st we reduced this number to three.

Our Health Inspectors made inspection of 259 Health Districts; of this number, 247 were inspected a second time and 31 a third time. Five summer resorts were inspected twice during the summer season. Eighty-three visits were made to investigate complaints, or for other purposes, such as a special request for inspection, locating suitable sites for nuisance grounds, hospital sites, cemetery sites, creamery sites, etc. In each case where complaint was made, and on investigation was found to be justified, the necessary steps were taken and the matter properly adjusted. Twenty inspections of hospitals were made for the purpose of inspecting plumbing fixtures, ventilation, and sewage disposal.

Three thousand and thirty-eight pounds of meat and eight loaves of bread were seized as unfit for human consumption, and rendered impossible for sale as food for man.

Eighty-six mines and mining camps were inspected during the year; 79 of this number received a second inspection.

Thirty-one lumber and tie camps were inspected during the year. Owing to the fact that generally these camps are only operated during the winter months, second inspections were not carried out, except where follow-up inspections were deemed necessary.

The services of the Health Inspectors also have been used in connection with the inspecting of proposed private hospitals for license under the Private Hospitals Act.

The services of the Health Inspectors have been used in the matter of investigating outbreaks of infectious disease and in the investigating of cases of charity and relief.

Our Inspectors also took samples from the various sewage disposal plants throughout the province for the purpose of having a bacteriological and chemical analysis made of the effluents.

In pursuance of the aforementioned inspection work our Inspectors personally issued 365 Notices to Abate Nuisance, and instructions were issued to officers of Local Boards of Health to issue 128 such Notices.

Twenty-nine prosecutions for infractions of the Public Health Regulations were carried out through our Inspectors, the balance being attended to by health officers on information handed them by our Inspectors.

When an Inspector leaves to investigate an individual complaint, he is instructed to make an inspection of as much of that locality as he can do before he returns to headquarters with his report, and for reimbursement of his expenses. This accounts for the order in which these inspections are made.

When an Inspector visits a health district his instructions are, previous to commencing his inspection, to call upon the Secretary of the Local Board, and invite him or some member of the Local Board to accompany him on the tour of inspection.

Our inspectors include in their inspection and report the sanitary condition of the following:

Waterworks, ice supplies, sewage disposal works, nuisance grounds, systems of scavenging, livery stables, abattoirs, slaughter houses, meat stores, dairies, creameries, hotels, lodging houses, restaurants, cafes, railway stations, hospitals, ice cream and soft drink parlors, bakeries, schools, places of noxious and offensive trades, cow barns, dairy farms, the inside and outside of every business house, and the outside surroundings of every private house.

The Public Health Exhibit was placed in charge of one of the Health Inspectors and exhibited in Edmonton.

A Baby Clinic was held in connection with the Exhibit in Edmonton.

The Health Exhibit consisted of a series of posters describing Baby Welfare, Child Welfare, School Inspection and Social Hygiene; mechanical devices describing tuberculosis and dairy farms; small posters describing tuberculosis, its causes and effects; and complete equipment for the nursing of children, which is explained by our nurses in attendance.

In connection with the latter feature, should any exhibition authority desire to have a Baby Clinic held, that authority could arrange with the local doctors to hold a clinic, and the services of our nurses would be available in connection therewith.

The staff accompanying the exhibit consisted of two nurses and one Health Inspector, from whom information could be had by visitors to the exhibition.

Respectfully submitted,

R. B. OWENS, B.A., B.E.,  
*Provincial Sanitary Engineer.*

DR. W. C. LAIDLAW,  
*Deputy Minister of Health.*

# Report of the Director of the Provincial Laboratory

SIR,—

The work of the Provincial Laboratory has increased by 28.8% during the past year over the previous year. There have been some 20,000 examinations carried out. It is perhaps interesting to compare this with the figures of 1919, when there were 2,572 examinations. There has been no change of staff during the year, and the work of the various departments has remained under those mentioned in the report of 1924. The Biochemistry Department has continued to co-operate with us, and certain examinations have been referred to that Department. The Provincial Analyst has, as heretofore, carried out certain chemical examinations required.

TABLE No. 1 gives the details of the different types of examinations performed, and shows an increase of 4,472 examinations over the previous year.

TABLE No. 1

	Total No. Specimens 1924	Total No. Specimens 1925	In- crease	De- crease
<b>COMMUNICABLE DISEASES:</b>				
Sputum .....	433	496	63	.....
Diphtheria .....	1,072	767	.....	305
Typhoid Fever .....	136	212	76	.....
<b>WATERS:</b>				
Bacteriological .....	892	920	} 48	.....
Chemical .....	281	301		
<b>MILKS:</b>				
Bacteriological .....	611	1,182	} 590	.....
Bacteriological and Chemical .....	72	93		
Chemical .....	7	5		
Mothers' Milk .....	41	50	9	.....
Miscellaneous Examinations .....	1,354	1,716	362	.....
Smears for the Presence of the Gonococcus .....	1,066	1,983	917	.....
Bloods for the Wassermann Test .....	6,479	7,309	830	.....
Pathological Histological Material .....	3,113	5,014	1,901	.....
Medico-Legal Examinations .....	47	28	.....	19
	15,604	20,076	4,798	324

Increase in number of specimens, 4,472.

Increase in per cent., 28.8%.

TABLE No. 2 shows the number of water and milk, special, and blood containers prepared and distributed during the year.

TABLE No. 2

	1924	1925
WATER CONTAINERS:		
Bacteriological .....	414	383
Chemical .....	251	250
Special Containers .....	2,296	3,472
Blood Containers .....	6,307	6,934
Total .....	9,268	11,039

Increase in number of containers, 1,771.

TABLE No. 3 shows the number of cubic centimeters of autogenous and other vaccines prepared during the year.

TABLE No. 3.

	1924	1925
Typhoid Vaccine .....	2,150 c.c.	4,975 c.c.
Autogenous and other Vaccines .....	2,225 c.c.	1,425 c.c.
Total .....	4,375 c.c.	6,400 c.c.

Increase in number of c.c.'s, 2,025.  
Increase in per cent., 48%.

TABLE No. 4 shows the detail of some of the work done by the laboratory in relation to the control of infectious diseases.

TABLE No. 5 shows the increase in the number of blood examinations by the complement fixation test for the diagnosis of Syphilis.

TABLE No. 4  
SPECIMENS EXAMINED FOR THE DIAGNOSIS OF COMMUNICABLE DISEASES

Disease.	No. of Specimens		No. of Physicians	No. of Post Offices	Month	Sputum	Diphtheria	Typh. F.	Total
	Positives	Negatives							
Pulmonary Tuberculosis .....	97	399	239	132	January	42	81	10	133
					February	42	55	18	115
					March	45	85	7	137
					April	59	30	9	98
					May	38	27	9	74
					June	62	39	24	125
					July	40	52	15	107
					August	30	36	32	98
					September	27	40	31	98
					October	23	48	37	108
					November	37	229	7	273
					December	51	45	13	109
Total .....	210	1,265	239	132		496	767	212	1,475
Diphtheria .....	78	689							
Typhoid Fever .....	35	177							

TABLE No. 5

Bloods Received	Bloods Examined	Bloods positive to reaction	Bloods negative to reaction	Bloods unsuitable for examination
7,387	7,309	1,099	6,210	78
Bloods received from Calgary and South.....				1,694
Bloods received from North of Calgary .....				5,615
Number of blood examinations made in 1925.....				7,309
Number of blood examinations made in 1924.....				6,479
Increase in number of specimens examined .....				830
Increase in per cent. ....				12.8%

## PATHOLOGICAL HISTOLOGICAL DIAGNOSIS.

This work has increased 61% throughout the year. 5,014 specimens have been examined as against 3,113 last year.

TABLE No. 6 gives the details of the bacteriological and chemical examination of water performed throughout the year.

TABLE No. 6

	1924	1925
Number of samples of water examined bacteriologically and found unfit for human consumption .....	56	64
Number of samples of water examined bacteriologically and found fit for human consumption .....	827	695
Number of samples of water examined bacteriologically and chemically and found fit for human consumption .....	250	324
Number of samples of water examined bacteriologically and chemically and found unfit for human consumption.....	31	41
Number of samples of water examined chemically and found fit for human consumption .....	.....	75
Number of samples of water examined chemically and found unfit for human consumption .....	.....	6
Number of samples of ice examined bacteriologically and found fit for human consumption .....	8	16
Number of samples of ice examined bacteriologically and found unfit for human consumption .....	1	.....
Total.....	1,173	1,221

Increase in number of specimens, 48.

Increase in per cent., 4%.

## EXAMINATION OF COWS' MILK.

TABLE No. 7 gives the details of these examinations.

TABLE No. 7

	1924	1925
Number of samples of milk examined bacteriologically.....	611	1,182
Number of samples of milk examined bacteriologically and chemically .....	72	93
Number of samples of milk examined chemically.....	7	5
Total.....	690	1,280

Increase in number of specimens, 590.  
Increase in per cent., 85.5%.

Number of milks examined showing low butter fat.....	5
Number of milks examined bacteriologically with bacterial count above 30,000 .....	246
Number of milks—non-pasteurized—examined with the bacterial count above 300,000 .....	282
Pasteurized milk samples .....	351
Number of non-pasteurized milk samples.....	929

## APPENDIX.

ESTIMATED COMMERCIAL VALUE OF WORK IF MODERATE CHARGE  
WERE MADE.

Material.	No. of Specimens	Price per Specimen	Total
Sputum .....	496	\$ 2.00	\$ 992.00
Diphtheria .....	767	2.00	1,534.00
Typhoid Fever .....	212	2.00	424.00
Waters .....	1,221	15.00	18,315.00
Milks .....	1,280	5.00	6,400.00
Mother's Milk .....	50	2.00	100.00
Miscellaneous Examinations .....	1,716	5.00	8,580.00
Autogenous Vaccines (25 cc. quant.).....	57	15.00	855.00
Typhoid Vaccine (25 cc. quant.) .....	199	5.00	995.00
Gonorrhoea .....	1,983	2.00	3,966.00
Wassermann Reaction .....	7,309	5.00	36,545.00
Pathological Material .....	5,014	5.00	25,070.00
Medico-Legal Examinations .....	28	5.00	140.00
Total (Vaccines not included).....	20,076		\$103,916.00
Total cost, 1925 .....			\$103,916.00
Total cost, 1924 .....			82,826.00
Total increase in cost .....			21,090.00
Total increase in per cent. ....			25%

ALLAN C. RANKIN,  
*Provincial Bacteriologist.*

# Report of the Public Health Nursing Branch

The procedure of previous years was followed out, that of sending a circular letter describing our policy to all Municipal Councils, School Boards and Women's organizations. Though little organization was accomplished during the year, the districts already established are operating satisfactorily, splendid results are being obtained, and the service seems to be filling a real need in these Communities.

Where Local Medical Health Officers have undertaken the medical inspection of school children, this Branch has co-operated by sending forms, literature, etc.

The interest in health education has greatly increased. The Women's organizations and school teachers throughout the Province are keenly interested in the health inspection of rural school children.

The following are the statistics for the work done by our Public Health Nurses for the year 1925:

## STATISTICAL REPORT.

No. of Schools Inspected .....	91	No. not Vaccinated.....	1,299
No. of First Inspections.....	2,320	No. with Defects .....	1,205
No. of Second Inspections.....	363	No. without Defects .....	1,174
No. of Classroom Inspections....	918	No. with Malnutrition .....	140
No. of Re-Admissions .....	14	Deformities .....	8
No. of Treatments .....	37	Mental Defectives .....	1

## SUSPECTED DEFECTIVE CONDITIONS

Vision .....	249	Tonsils .....	460
Hearing .....	55	Teeth .....	702
Adenoids .....	203		

## SYMPTOMS DETECTED

Defective Nose .....	1	Bronchitis .....	1
Discharging Ears .....	1	Impetigo .....	9
Sore Throat .....	1	Scabies .....	15
Pink Eye .....	2	Ringworm .....	3
Strabismus .....	1	Eczema .....	5
Other Eye Conditions .....	57	Other Skin Conditions .....	7
Epilepsy .....	1	Pediculosis .....	103
Enlarged Thyroid Gland.....	196	Burns .....	1
Nervousness .....	19	Boils .....	1
Chorea .....	1	Communicable or Infectious Dis-	
Tuberculosis .....	3	eases .....	76
Asthma .....	1		

## WORK DONE

Schoolroom Talks .....	70	Attendance .....	180
Home Visits .....	231	Home Nursing Classes .....	7
Interviews .....	74	Public Lectures .....	12
Child Welfare Clinics .....	15		

## RESULTS OBTAINED

Glasses Fitted .....	32	Dental Treatment .....	189
Glasses Refitted .....	14	Surgical Treatment .....	8
Tonsils Removed .....	93	Medical Treatment .....	55
Adenoids Removed .....	70		



## VISITING NURSING SERVICE (2 NURSES)

No. of Calls Made .....	276	No. Medical Cases .....	114
No. Consultations .....	144	No. Surgical Cases .....	38
No. Treatments .....	119	No. Obstetrical Cases .....	13

## TRAVELLING CHILD WELFARE CLINIC.

The demand for our Child Welfare Clinic was greater than in any previous year, and the attendance at the different Clinics larger than ever before. For the past five years the Women's Institute of Taber Constituency, through its Child Welfare and Public Health Convener, have organized a series of Clinics and Lectures throughout its constituency. Each year improvements are noted in the physical condition of the children, and much credit is due the women of this constituency for their continued interest and co-operation in this work.

Last year Bow Valley followed this example, and this year Cardston and Pembina Constituencies were added to the list. During the year—

No. of Clinics held .....	32
Attendance of Babies .....	440
Attendance of Pre-School Children.....	472
Attendance at 8 Lectures .....	198

## CITY CHILD WELFARE CLINICS.

The Child Welfare Clinics in Edmonton, Calgary and Medicine Hat, each under the direction of a Public Health Nurse, have presented excellent reports of their year's work. It is gratifying to note that there is a marked increase at both City and Rural Clinics. The attendance at the City Clinics has increased by approximately 1,500 over 1924.

We are quite justly proud of the fact that one of the Calgary Child Welfare Clinic babies obtained the first prize as "The Empire's Best Baby," and a Redcliff Clinic Baby won second prize, "The Astor Award of Merit" at the Wembley National Exhibition last June. These babies were in regular attendance at the Clinics from the time they were one month old, and are both breast-fed babies.

## EDMONTON CHILD WELFARE CLINIC.

No. in Attendance .....	3,851
No. Babies in Attendance .....	3,101
No. Pre-school Children in Attendance.....	750
No. Clinics Held .....	100
Average Attendance .....	39
No. Babies on Roll .....	1,524
No. Pre-school Children on Roll .....	823
No. Babies Admitted .....	604
No. Babies Re-admitted .....	2
No. Pre-school Children Admitted .....	146
No. Pre-school Children Re-admitted .....	23
No. Transferred from Baby Clinic to Pre-School.....	125
No. Babies Discharged .....	270
No. Pre-school Age Discharged .....	227
Nurses' Visits .....	4,983
No. Deaths (Babies under 1 year) .....	13
No. Deaths (Babies in second year) .....	2
No. Deaths (Pre-school Children) .....	3
No. Out of Town Cases .....	78
No. Babies Referred to family Doctor .....	150
No. Pre-school Children Referred to Family Doctor.....	141

## DEFECTS FOUND IN BABIES.

Malnutrition .....	2	Thrush .....	13
Rickets .....	17	Juvenile Goitre .....	1
Intestinal Indigestion .....	74	Carious Teeth .....	2
Intertrigo .....	17	Tongue-tied .....	6
Stomatitis .....	2	Geographical Tongue .....	2
Eczema .....	30	Sore Throat .....	1
Impetigo .....	7	Bronchial Obstruction .....	1
Scabies .....	5	Chronic Bronchitis .....	1
Furunculosis .....	2	Bronchitis .....	10
Miliaria .....	7	Acute Bronchial Pneumonia.....	3
Erythema .....	1	Acute Coryza .....	2
Seborrhoea .....	4	Acute Tonsillitis .....	1
Urticaria .....	2	Enlarged Thyroid .....	1
Birthmark .....	2	Congenital Tear Duct .....	1
Adentitis .....	1	Congenital Malformation .....	1
Dermatitis .....	1	Congenital Heart Condition.....	1
Hernia, umbilical .....	37	Infection left leg .....	1
Hernia, inguinal .....	15	Abscess on Neck .....	1
Infected Umbilicus .....	4	Scurvy .....	1
Granular Umbilicus .....	1	Facial Irritation .....	1
Phimosis .....	90	Prolapse of rectum .....	1
Adherent prepuce .....	6	Nitral Systolic .....	1
Hydrocele .....	2	Enlarged Heart .....	1
Vaginal discharge .....	2	Anal Fissure .....	1
Catarrhal Conjunctivitis .....	11	Hematoma .....	1
Otitis Media .....	7	Acute Gingivitis .....	1
Enlarged Tonsils .....	3	Right Sterno-mastoid .....	2
Enlarged Adenoids .....	4	Club Feet .....	1
Secondary Anaemia .....	5	Flat Foot .....	1
Tuberculosis .....	1	Distention of Abdomen .....	1
Tetany .....	1	Mental Defective .....	1
Mastitis .....	1	Mongolian .....	4
Convulsions .....	1	Cretin .....	2
Interuterine fracture of femur....	1	Referred to Family Doctor.....	150

## DEFECTS FOUND IN PRE-SCHOOL CHILDREN (2-6 YEARS).

Malnutrition .....	7	Enlarged Adenoids .....	75
Rickets .....	5	Prolapse of Rectum .....	1
Intestinal Indigestion .....	4	Hernia, Umbilical .....	2
Stomatitis .....	2	Hernia, Inguinal .....	1
Eczema .....	4	Enlarged Inguinal Glands.....	1
Ringworm .....	3	Congenital Malformation .....	1
Impetigo .....	12	Epilepsy .....	1
Scabies .....	5	Spastic paralysis .....	1
Miliaria .....	3	Mongolian Idiot .....	1
Staphylococcus Infection .....	1	Carious teeth .....	19
Seborrhea .....	1	Rheumatism .....	1
Urticaria .....	1	Rheumatic Erythema .....	1
Phimosis .....	10	Hydrocephalus .....	1
Adherent Prepuce .....	1	Congenital Malformation left leg	1
Enuresis .....	4	Congenital Malformation right	
Hydrocele .....	1	arm .....	1
Worms .....	2	Bronchitis .....	4
Fatigue Posture .....	1	Chronic Bronchitis .....	1
Secondary Anaemia .....	1	Tonsillitis .....	2
Ptosis of left eye .....	2	Follicular conjunctivitis .....	1
Infected Wound of Head .....	1	Conjunctivitis .....	7
Coryza .....	1	Granular Conjunctivitis .....	1
Infected Tonsils .....	1	Infected Glands .....	1
Croup .....	1	Alveolar Abscess .....	1
Geographical Tongue .....	3	Juvenile goitre .....	5
Otitis Media .....	11	Brachial Cyst .....	1
Cervical Gland .....	16	Chorea .....	1
Cervical Adenitis .....	1	Warts .....	3
Acute Adenitis .....	1	Pigeon Breast .....	1
Simple Adenitis .....	1	Webbed Fingers .....	1
Enlarged Tonsils .....	79	Referred to Family Doctor.....	141

Of the seventeen deaths which occurred, death was due to the following causes:

## BABIES UNDER 1 YEAR OF AGE (11).

Tetany with Ricketts .....	1
Bronchial pneumonia with flu and enlarged thymes .....	1
Acute bronchial pneumonia, contributing status lymphaticus .....	1
Bronchial pneumonia .....	2
Gastro-enteritis .....	1
Gastro-enteritis, flu and malnutrition .....	1
Acute indigestion .....	1
Heart failure following repeated attacks of intestinal indigestion .....	1
Mastoiditis .....	1
Convulsions and malnutrition .....	1

## BABIES IN SECOND YEAR (3).

Convulsions .....	1
Pink Disease (Acrodynia) .....	1
Acute bronchial pneumonia .....	1

## PRE-SCHOOL CHILDREN (3).

Scarlet fever .....	1
Convulsions due to acute indigestion .....	1
Oesophageal obstruction with ulceration .....	1

There was less illness than usual among the babies from causes due to nutritional disturbances, and the death rate for the whole year is the lowest it has ever been in Edmonton. We have found the mothers very anxious to co-operate with us in having all defects remedied, and in cases of extreme poverty we have found the City Doctors and the University Dispensary very willing to provide gratuitous service.

Seventy-eight pre-natal cases have been under our care during the year, and through co-operation with the Victorian Order of Nurses it has been possible to obtain skilled nursing care for more of these cases during confinement.

## WORK DONE OUTSIDE CLINIC.

Maternity Home Inspected .....	5
Home Nursing Classes .....	4
Investigation Visits (Charity and Relief) .....	74
Escort Duty:	
From Edmonton to Cent. Alta. San. ....	1
From Edmonton to Daysland .....	1
From Edmonton to Red Deer .....	1

## CALGARY CHILD WELFARE CLINIC.

Total No. of Clinics held .....	103
No. of Babies in Attendance .....	4,227
No. of Pre-school Children in Attendance .....	1,085
Total Number in Attendance .....	5,312
Average Attendance .....	51
No. of Babies on Roll .....	636
No. of Pre-school Children on Roll .....	819
Total Number on Roll .....	1,455
No. of Babies Admitted .....	450
No. of Babies Re-admitted .....	3
No. of Pre-school Children Admitted .....	216
No. of Pre-school Children Re-admitted .....	22
No. of Babies Discharged .....	96
No. of Pre-school Children Discharged .....	419
No. of Nurses' Visits .....	2,780

## DEFECTS FOUND.

## Infectious Disease:

Found in Home—Whooping Cough .....	2
Impetigo .....	1
Found in Clinic—Whooping Cough .....	2
Chicken-pox .....	1

(Names of all attending Clinic on the days these cases were found were noted, and no cases developed up to period of incubation.)

Mental Defective cases (suspect) .....	3
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## DEFECTS FOUND.

	Infants, Pre-school.	
Anaemia .....	2	.....
Hernia .....	10	2
Eyes .....	14	22
Ears .....	11	20
Diarrhoea .....	78	.....
Eczema .....	32	7
Impetigo .....	3	2
Malnutrition .....	51	34
Cong. Malformation .....	4	5
Tonsils .....	8	85
Glands .....	1	17
Nose .....	2	6
Thrush .....	9	.....
Adenoids .....	5	55
Phimosis .....	9	4
Throat .....	1	5
Teeth .....	.....	187
Scabies .....	.....	2
Ringworm .....	.....	1
Other Conditions .....	29	43
Referred to Family Doctor.....	48	35

## TREATMENTS.

At School Dental Clinic, Cases Treated .....	163
By Dr. Spankie, Eye, Ear, Nose and Throat Specialist:	
Operations, Tonsils and Adenoids .....	31
Treatments: Eye .....	226
Ear .....	269
Nose and Throat .....	75
Refractions for Glasses .....	8
Fees Collected at Clinic for Operations .....	\$75.00

In April, 37 infants were examined at the Clinic held under the auspices of the Rotary Club. In June, Baby McDonald, who was in regular attendance at the Clinic, received First Prize for the British Empire at the Wembley Exhibition.

## OUT OF TOWN CASES.

Thirty of these cases were examined by the Provincial Nurse. They are not allowed the privilege of interviewing the City Doctors.

## WORK DONE OUTSIDE CLINIC.

Maternity Homes Inspected .....	6
Escort Duty:	
From Cent. Alta. San. to Station .....	1
From Priddis to Holy Cross Hospital .....	1
Investigation Visits .....	3

## MEDICINE HAT CHILD WELFARE CLINIC.

No. in Attendance .....	1,810
No. of Babies in Attendance .....	1,437
No. of Pre-school Children Attending .....	353
No. of Clinics held .....	91
Average Attendance .....	20
No. of Babies on Roll .....	233
No. of Pre-school Children on Roll .....	281
No. of Babies Admitted .....	134
No. of Babies Re-admitted .....	4
No. of Pre-school Children Admitted .....	11
No. of Pre-school Children Re-admitted .....	26
No. Transferred to Pre-school Clinic.....	93
No. of Out of Town Cases .....	17
No. of Babies Discharged .....	39
No. of Pre-school Children Discharged.....	168
No. of Nurses' Visits .....	1,156
No. of Telephone Calls .....	672
No. of Letters to Rural Mothers .....	32
No. of Deaths (Babies) .....	1
No. of Babies Referred to Family Doctor .....	20
No. of Pre-school Children Referred to Doctor.....	9

## DEFECTS FOUND IN BABIES.

Bow Legs .....	3	Colic .....	1
Hernia, Umbilical .....	11	Phimosis .....	18
Temperature .....	1	Blocked Tear Duct .....	2
Photophobia Nystagmus .....	1	Otitis Media .....	2
Glands .....	1	Thyroid Def. ....	3
Bronchitis .....	1	Infected Mouth .....	1
Cysts in Mouth .....	1	Diarrhoea .....	15
Intertrigo .....	6	Eczema .....	11
Fract. Radius .....	1	Infantile Paralysis .....	1
Infected Finger .....	1	Malnutrition .....	108
Hip Dislocation .....	1	Referred to Doctor .....	20

## DEFECTS FOUND IN PRE-SCHOOL CHILDREN (2-6 YEARS).

Eczema .....	1	Ringworm .....	1
Impetigo .....	1	Temperature with Cold .....	2
Incontinence of Urine .....	1	Bow Legs .....	1
Drop wrist from injury .....	1	Otitis Media .....	2
Tonsilitis .....	3	Thyroid Glands .....	1
Enlarged Tonsils .....	5	Carious Teeth .....	1
Adenoids .....	3	Hernia, Umbilical .....	1
Nervousness .....	1	Malnutrition .....	15
Cervical Adenitis .....	1	Infected Finger .....	1
Baccilaria .....	1	Supervised Feeding .....	30

## WORK OUTSIDE MEDICINE HAT CLINIC.

Visits of investigation for relief made in 11 cases. Some of these with Inspector Brooks, of Neglected Children's Department; some with Inspector Scott, A.P.P., and some for the Department of Health.

Subsidiary Clinics held in Redcliff and Irvine once a month, and in Alderson every second month. Macleod and Walsh once a year.

## STATISTICS FOR SUBSIDIARY CLINICS.

Total Number in Attendance .....	464
Number of Babies in Attendance .....	246
Number of Pre-school Children .....	218
Number of Clinics held .....	36
Average Attendance .....	10
Babies on Roll .....	18
Pre-school Children on Roll .....	88
Nurses' Visits .....	41
Referred to Family Doctor .....	13

## DEFECTS FOUND

	Babies. Pre-school.	
Eczema .....	7	.....
Feeding Cases .....	13	6
Scabies .....	.....	2
Very Nervous .....	.....	3
Cervical Glands .....	.....	7
Enlarged Tonsils .....	4	9
Adenoids .....	1	8
Dental Care .....	.....	1
Cariou Teeth .....	.....	18
Delayed Teething .....	1	.....
Malnutrition .....	16	11
Anaemia .....	2	2
Mental Defectives .....	2	.....
Phimosis .....	7	.....
Def. Thyroid .....	.....	1
Infantile Paralysis .....	.....	1
Conjunctivitis .....	1	1
Vaccinated .....	1	13
Diarrhoea .....	3	.....
Rickets .....	1	.....
Underweight .....	2	9
Infected Mouth .....	.....	1
Tongue-tied .....	1	.....
Indigestion .....	.....	1
Furred Tongue .....	.....	1
Bronchitis .....	1	.....
Throat .....	.....	4
Blepharitis .....	.....	1
Skin Irritation .....	.....	1

Much interest has been manifested in these Rural Clinics in the Medicine Hat district, and many defects have been remedied. In some cases lectures on Diet and Nutrition were given following the Clinic. At Macleod, a doctor was brought from Calgary to give treatment to the children the week following the Clinic. In the Irvine District our nurse assisted Dr. Jenkins with 236 vaccinations.

Through a series of pre-natal letters now being printed for us by the Child Welfare Council of Canada, we hope to reach and be able to assist a greater number of mothers next year.

A Public Health Nurse was in attendance at the Child Welfare week held in connection with the Child Welfare Association of Calgary, and gave addresses on Health topics accompanied by moving pictures. Approximately 500 people attended these lectures given at five different meetings.

At the Edmonton Exhibition nurses were in attendance at the Child Welfare Clinic and Emergency Hospital, which owing to the Stampede was a very busy place.

As in previous years, the Agricultural Schools were supplied with nurses from this Department to conduct classes in Personal Hygiene, Home Nursing and First Aid.

In response to a circular sent out by the Deputy Minister to Women's Organizations with list of speakers obtainable from the Department, requests for Child Welfare lectures have been fairly numerous. The attendance at the meetings up to the end of the year was good, and much interest is being manifested in Child Welfare. Many inquiries are also being made regarding Child Welfare Clinics and health inspection of school children.

#### DISTRICT NURSING SERVICE.

We commenced the year 1925 with six District Nurses on the staff. During the month of June two nurses were added to the staff. One of these nurses was placed in the Peers district to make a survey of the schools, to be followed later by a visit from the Travelling Clinic. Lac La Biche district was reopened, but owing to the demand on the nurse's time for consultations at the cottage and sick calls, it was impossible to make a complete survey of the schools in the district.

In the other six districts, surveys were made of the schools as in 1924, and follow-up visits were made by the Travelling Clinic. More and more each year the nurses are devoting their spare time in an endeavor to spread the doctrine of preventive medicine in their districts through the medium of Health Films, lantern slides accompanied by Health talks, and classes in Home Nursing.

We give below a summary of the cases:

No. of Calls made .....	1,276
No. of Consultations .....	1,164
No. of Deaths .....	11
No. of Treatments .....	865
No. of Medical Cases .....	785
No. of Surgical Cases .....	195
No. of Obstetrical Cases .....	56

#### TRAVELLING CLINIC.

The districts of Yeoford, Slave Lake, Halcourt and Pendryl, which were visited in 1924, were revisited this year. A great improvement was noted in the physical condition of the children treated in 1924, and the interest shown was much keener.

In the Peers district Clinics were held at five different places, with splendid co-operation at all points. Wanham district has not yet been visited by a doctor, but two Dental Clinics have been held with a splendid response both times.

In all, 335 medical cases were examined and 58 operations performed for the removal of tonsils and adenoids; 819 cases were examined by the dentist and 656 cases treated.

These Travelling Clinics do not in any way interfere with the local medical or dental services. They are only sent to districts in which no medical or dental services are available, and where the people are not able to provide for these services.

## CHARITY AND RELIEF.

The demand for relief during the first three months of the year was very heavy, especially in the southern part of the Province. The fact that over one hundred families moved to other parts of the Province with the assistance of the Department of Agriculture, together with the more abundant crops, the demand for relief during the latter part of the year has been practically negligible.

Number of Cases handled during year .....	1,642
Number of Cases interviewed in office .....	247
Amount expended on Clothing Relief.....	\$15,122.66
Amount expended on other Relief .....	77,568.47

## INCURABLES AND AGED DESTITUTES.

Arrangements were made for the admission of twenty-one patients to the Macleod General Hospital, Providence Hospital (Daysland), and the Lacombe Home (Midnapore) during the year, and altogether seventy cases were maintained at a cost of \$24,885.70. Apart from this, twelve cases have been maintained in private homes.

ELIZABETH CLARK,

*Superintendent, P.H.N.*



## Report of the Hospitals Branch

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During the year two districts were established, namely, Vulcan and Three Hills. Schemes were prepared in connection with the Vulcan and Innisfail Hospital Districts, and it is expected that votes on these will be held in the New Year. Investigation was also made in connection with the adding of certain territory to Bassano, Drumheller and Onoway Municipal Hospital Districts. In the former a plebiscite was taken, which resulted in adding Township 25, Ranges 17 and 18, to that District. Organization work has been conducted at the request of Boards of Trade and Councils of Municipalities in the following areas:

M.D. 421, 392, 393, 422, 423, 364, 395, 394, 424, 425.

Villages of Chauvin, Edgerton, Lougheed, Sedgewick and Killam.

Town of Wainwright.

M.D. 336, 367, 396, 397, 551, 552, 581, 582.

A review of the services rendered by the Municipal Hospitals, January 1st, 1920, to December 31st, 1925, shows that 31,766 patients have been admitted, of which 5,435 were maternity cases. The bed capacity of the fifteen Municipal Hospitals and the Sub-Hospital operating at Blackie shows an increase from 314 as at December 31st, 1924, to 333 as at December 31st, 1925. In the Drumheller, High River, Red Deer, Cardston and Vermilion Hospitals the accommodation for patients is frequently overtaxed.

Improvement in the financial condition of the Municipal Hospital Districts was noticeable in 1924, but for 1925 the record would appear to be remarkable. All the Districts are in sound financial condition. The major number show increased services and decreased costs. There have been no increases in taxes and cash surpluses have been created in a number of the Districts, and these funds are being invested. Reduction in taxation is anticipated for the New Year. Several of the Hospital Districts have not required a loan from the Bank to carry on affairs for last year, and this number will be increased during the New Year.

The ability of the taxable persons within the Hospital Districts to more generally meet their taxes is, no doubt, the dominant factor in the creation of the splendid financial condition of the Hospital Districts, but the accumulation of surpluses should not tend to encourage expenditures not absolutely necessary. It would appear that these funds on hand should be invested in securities approved by the Minister, a reduction in the tax rate, the creation of a reserve fund equal to the average levy over the period of the operation of a Hospital District.

Interest in Municipal Hospital organization has been greatly stimulated, and this has been particularly noticeable during the latter half of the past year. Its effects should be felt in the New Year, and it is anticipated that an increase in the number of Municipal Hospital Districts over any year since 1918 will be the result, and this Branch has arranged to co-operate with ratepayers of the areas referred to in this report at the request of Councils or other bodies.

During the year new forms were provided for the use of all approved hospitals, and these are completed and forwarded with the application for Government Grant to cover a full year period. These forms provide for financial and statistical data. It was not expected, nor has it proven the case, that these forms would be appreciated, and conse-

quently information which has been forwarded to this Branch does not reveal in a number of instances the true condition of the hospital, nor do the statistical details appear accurate. It is the intention to cooperate fully with all hospitals in order that these forms may serve their intended purpose to provide persons within and without the Province with reliable information in connection with the operation of all types of hospitals in the Province of Alberta.

Attached to and forming part of this Report will be found, in connection with the Municipal Hospitals, statements showing distribution of hospital services, expenditures with analysis of daily cost, comparative statement of expenditures 1924-1925, together with statement showing Government Grant paid, hospital days and number of patients 1924-1925, covering all approved hospitals, and in addition statement showing name and location of all hospitals operating under the Private Hospitals Act.

A. K. WHISTON,

*Supervisor of Organization.*

# Report of the Director of the Division of Social Hygiene

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The policy inaugurated during the preceding year of linking up all of our Clinics with already existing institutions has been completed, and three of our clinics are now connected with hospitals and the fourth is operated in co-operation with the Health Department of the City of Calgary.

The treatment of Venereal Diseases in the Public Institutions of the Province has been diligently carried out. The bulk of this side of the work is done in the Gaols by our own staff, and in the case of other public institutions is carried out by the doctors associated with the institution, the drugs and equipment being supplied by this division, and professional assistance provided where requested.

In reviewing the work of this Division during the past six years the most striking result with which one has been impressed is the distinct reduction in the incidence of recently acquired syphilis. This result was anticipated, and in view of the serious nature of this disease, economically and otherwise, fully justifies the expenditure and the efforts which have been directed to this work.

The work of the division is continuing to be developed under the following lines:

1. *Treatment of the Infected.*—Every person suffering from a venereal disease is required by regulation to place himself under treatment by a regularly qualified medical practitioner. Clinics for the diagnosis and treatment of these diseases are now established in Edmonton, Calgary, Medicine Hat and Lethbridge. These Clinics are undoubtedly fulfilling a very useful purpose, many of our cases having neglected to receive treatment for years. It is particularly encouraging to note the readiness with which syphilitics are applying for treatment. The fact that syphilis is a painless and insidious disease has in the past been responsible for a large number of untreated persons passing gradually into a fatal stage of the disease. This is now being counteracted by publicity and education.

During the year this Division had 433 cases of syphilis and 678 cases of gonorrhoea under active treatment. Seven hundred and sixty-seven examinations of persons in the Provincial Gaols were made, and 186 of these were found to be infected with a venereal disease. Of this total 105 were females. If the diseased prisoner at the expiration of the sentence is still in the infectious stage of syphilis or gonorrhoea, he is detained, and treatment is continued until he becomes non-infectious.

On the other hand, if at the expiration of his sentence he is non-infectious, but not yet cured of the disease, he is discharged from the gaol and instructed to report at one of the Clinics for further treatment. With the exception of a few cases, whom we have been unable to trace, these people have been quite regular in their attendance.

2. *Education of the Infected.*—All persons coming under treatment are instructed both verbally and by pamphlet, as to the precautions to be taken against the spread of the disease, and the results to be expected if treatment is neglected. The medical practitioners in the province

have been furnished with instruction cards to distribute to all infected patients coming under their care.

3. *Education of the Non-Infected.*—This work has been pursued on a much larger scale than heretofore. Mr. F. T. Cook is devoting most of his time to the delivering of lectures and the showing of films on Social Hygiene in the rural districts, and has been very successful with his work. Two moving pictures, one for men and one for women, are circulating through the Province constantly, and are generally regarded as having a particularly high educational value. At all meetings organized by the staff of the Division or organized by others for us, pamphlets dealing with Social Hygiene are distributed.

The figures following indicate briefly the treatment work done during the year:

EDMONTON CLINIC, 9912 103rd Avenue.

Number of Patients .....	666
Sexes of Patients—	
Male .....	383
Female .....	257
Children—	
Male .....	10
Female .....	16

CLASSIFICATION OF THEIR DISEASES.

	Syphilis.	Gonorrhoea.	Chancroid.	No Diagnosis of V.D.
Adult—				
Male .....	87	194	.....	102
Female .....	73	90	.....	94
Children—				
Male .....	3	.....	.....	7
Female .....	8	1	.....	7

Number and results of Wassermann tests: 833 tests, of which 210 were positive.

CALGARY CLINIC, Third Floor, New Police Building.

Number of Patients .....	489
Sexes of Patients—	
Male .....	361
Female .....	122
Children—	
Male .....	5
Female .....	1

CLASSIFICATION OF THEIR DISEASES.

	Syphilis.	Gonorrhoea.	Chancroid.	No Diagnosis of V.D.
Adult—				
Male .....	88	210	.....	63
Female .....	45	40	.....	37
Children—				
Male .....	.....	.....	.....	5
Female .....	.....	.....	.....	1

Number and results of Wassermann tests: 458 tests, of which 109 were positive.

MEDICINE HAT CLINIC, General Hospital.

Number of Patients .....	67
Sexes of Patients—	
Male .....	42
Female .....	18
Children—	
Male .....	2
Female .....	5

## CLASSIFICATION OF THEIR DISEASES.

	Syphilis.	Gonorrhoea.	Chancroid.	No Diagnosis of V.D.
Adult—				
Male .....	11	24	1	6
Female .....	12	2	.....	4
Children—				
Male .....	1	.....	.....	.....
Female .....	5	.....	.....	1

Number and results of Wassermann tests: 63 tests, of which 20 were positive.

LETHBRIDGE CLINIC, *Galt Hospital.*

Number of Patients .....	52
Sexes of Patients—	
Male .....	52

## CLASSIFICATION OF THEIR DISEASES.

	Syphilis.	Gonorrhoea.	Chancroid.	No Diagnosis of V.D.
Adult—				
Male .....	10	34	1	7

Number and results of Wassermann tests: 42 tests, of which 7 were positive.

LETHBRIDGE GAOL, *Lethbridge.*

Number of Patients .....	46
Sexes of Patients—	
Male .....	46

## CLASSIFICATION OF THEIR DISEASES.

	Syphilis.	Gonorrhoea.	Chancroid.	No Diagnosis of V.D.
Adult—				
Male .....	29	16	1	.....

Number and results of Wassermann tests: 227 tests, of which 16 were positive.

FORT SASKATCHEWAN GAOL, *Fort Saskatchewan.*

Number of Patients .....	175
Sexes of Patients—	
Male .....	37
Female .....	138

## CLASSIFICATION OF THEIR DISEASES.

	Syphilis.	Gonorrhoea.	Chancroid.	No Diagnosis of V.D.
Adult—				
Male .....	32	3	.....	2
Female .....	42	61	2	33

Number and results of Wassermann tests: 540 tests, of which 55 were positive.

## CASES REPORTED BY DOCTORS IN PROVINCE.

	Syphilis.	Gonorrhoea.	Chancroid.	No Diagnosis of V.D.
Male .....	75	290	5	.....
Female .....	25	19	1	.....

## RECAPITULATION.

	Syphilis.	Gonorrhoea.	Chancroid.	No Diagnosis of V.D.
Male .....	336	761	8	192
Female .....	210	223	3	177
Totals.....	546	984	11	369
Total.....	1,910			

HAROLD ORR, *Director,*  
*Division of Social Hygiene,*  
*Department of Public Health.*

# Central Alberta Sanatorium

The Central Alberta Sanatorium was opened for patients on October 20th, 1920. From that date until June 30th, 1925, it was operated by the Department of Soldiers' Civil Re-Establishment. Since July 1st, 1925, it has been administered by the Provincial Department of Health. The following report therefore covers a period of six months under Federal and six months under Provincial control.

## TABLES OF ADMISSIONS AND DISCHARGES

From October 20th, 1920, to January 1st, 1926.

Admissions by Years.	Military.	Civilian.	Total.
Patients admitted to Sanatorium October 20th, 1920, to December 31st, 1920 .....	104	9	113
Patients admitted to Sanatorium during 1921.....	97	86	183
“ “ “ “ 1922.....	51	116	167
“ “ “ “ 1923.....	26	109	135
“ “ “ “ 1924.....	26	132	158
“ “ “ “ 1925.....	26	143	169
Patients in Sanatorium January 1st, 1925 .....	32	117	149
Patients admitted during 1925 .....	26	143	169
Patients treated during 1925 .....	58	260	318
Patients discharged during 1925 .....	38	133	171
Patients remaining in Sanatorium January 1st, 1926.....	20	127	147
Total patient days, 54,846.			

The classification of the 171 patients discharged is shown in Table 1. Of that 171, there were diagnosed as suffering from tuberculosis, 148.

A study of these cases of tuberculosis shows that 45, or 30.4%, had a history of intimate contact with tuberculosis at home. Approximately one-third of the tuberculous entered the Sanatorium within one year of the onset of the disease, while one-half had suffered from two to twenty years. Furthermore, of the 148 cases of tuberculosis, 117 had a positive sputum, and were consequently spreaders of the disease.

Those tuberculous patients, untreated and untrained, living at home, are undoubtedly a great factor in the spread of tuberculosis, and presumably will account for disease in many people yet to fall sick. It would be desirable if treatment and training were available to all.

*Treatment.*—Rest and time are essential in the successful treatment of tuberculosis, and for this reason many patients who appear healthy must have hospital bed care for long periods. At the end of the year there were being treated 101 such hospital cases, in addition to the ambulant patients. This is an increase of practically 100% in infirmary patients since the first year of operation.

Heliotherapy, both natural sunlight and artificial sunlight from Alpine Lamp, has been extensively used, and, we believe, with beneficial results. The greatest improvement has been noticed in cases of intestinal tuberculosis. After the completion of the small solarium, fifty-seven patients received sun-baths during July, August and September, in addition to Infirmary patients treated in the wards.

Reflected sunlight is used in laryngeal tuberculosis by means of specially constructed mirrors. Twenty-four cases received 3,859 treatments.

The Alpine Lamp has been used in fifty-five cases, who received 3,673 treatments.

*Pneumothorax.*—This treatment has been in use for some years, and consists in the collapsing of one lung by putting air or nitrogen into the pleural space. In selected suitable cases it gives results far surpassing those of any other treatment. During the year thirty-seven received such treatment, while in six others the lung could not be collapsed. In Table 2 are shown the number of such treatments given.

*Nose and Throat.*—These examinations are done on all patients on admission, and afterwards as indicated. During the year 302 such examinations were made.

*Dental Service.*—Arrangements were completed during the year for monthly dental treatment by the Provincial Dentist, Dr. A. E. Heacock. Previous to the establishment of this service, dental care had been given to thirty-three patients by visiting dentists from Calgary. The following is Dr. Heacock's report of work done at the Sanatorium.

#### DENTAL REPORT—CENTRAL ALBERTA SANATORIUM.

Dental service for the patients of this Institution by the Department of Health was commenced in October, 1925. Having some district work to complete, I was unable to make a visit in November, but returned in December.

As there are a considerable number of new admissions each month, and as many mouth conditions require treatment at frequent intervals, it is apparent that, in order to get results, it will be advisable to give a week each month to the work in this institution.

The following is a summary of work done during October and December:

Date 1925	No. of patients examined	No. of patients treated	Prophy- laxis	Fillings	Extrac- tions	No. of patients X-Rayed
Oct. 21-28 .....	106	42	21	15	66	10
Dec. 15-19 .....	41	27	11	10	16	.....

*X-Ray Laboratory.*—X-Ray examination is of great value in the diagnosis of tuberculosis. It offers the most accurate method of determining the extent of disease in the chest, and when properly interpreted, gives valuable information as to the progress of treatment. The diagnosis of intestinal tuberculosis in its early stages can only be made through its use.

During the year 538 people were examined in this Department, 571 separate examinations were made. Fluoroscopic readings numbered 703, while 814 roentgenograms were made.

By the judicious use of this apparatus, a careful record of each patient's case may be made.

*Chest Examination.*—The routine medical work has been carried out. This includes history-taking and record-keeping, and general physical examinations on all new admissions. Chest examinations are done regularly at approximately monthly intervals, on patients in residence, and before discharge everyone is again thoroughly gone over. As time goes on, more and more ex-patients return for review and advice.

*Educational Work.*—Members of the Staff have contributed papers on various phases of tuberculosis work. The School Survey was presented to the Canadian Tuberculosis Association in Montreal. The Women's Institute at Sibbald and Drumheller, and the Convention of Women's Institutes of the Hand Hills Constituency at Delia, were visited, and papers on Tuberculosis delivered.

Miss D. Buzzell, Sanatorium Dietitian, read a paper at the Convention of the Hospitals and Nurses' Associations.

A Clinic for the diagnosis of tuberculosis was held at Drumheller in co-operation with the Provincial Tuberculosis Association and the physicians of that city.

*Memorial Flag Pole and Tablet.*—On June 3rd His Honour Lieutenant-Governor Brett, visited the Sanatorium and unveiled a Memorial Tablet to the Tuberculous Soldiers of Alberta. The Flag Pole and Tablet were the gift of the Tuberculous Veterans' Association and friends. It bears the following inscription:

Erected  
to the Memory of  
**OUR COMRADES**  
Who have died  
By the Tuberculous Veterans' Association and Friends  
1924

*Amusements.*—Recreation plays a part in Sanatorium life, and in the treatment of tuberculosis. Concerts are held at frequent intervals, whist drives from time to time, and various tournaments. Moving picture shows are held one evening each week, and are attended by ambulant patients and staff.

The Radio, which was installed some years ago through the kindness of a Calgary friend, is still doing splendid service. Bedside attachments have been placed by all Infirmary beds, and concerts, both local and from distant parts, are much enjoyed. Sunday Services by Radio are of especial interest to patients confined to bed.

*Library.*—The library is very popular. Some three thousand books are catalogued.

This Department is quietly but efficiently carried on under the supervision of the Matron, Miss E. McPhedran. Nearly all patients make use of these books, and a great amount of reading is done. From time to time friends of the Institution and organizations make donations of books, and these are very welcome.

*Religious Services.*—Regular services have been held at the Sanatorium by the Rev. Canon R. D. Harrison and the Rev. Father McDonald. Their kindness in visiting and conducting services is much appreciated.

*Alterations and Upkeep of Buildings.*—The building known as Pavilion 4 has been altered to make it suitable for the reception of bed patients. This change makes available another thirty-two beds for Infirmary cases, and leaves one Pavilion only for strictly ambulant patients. It has been the experience here, as in many other places, that the most needed bed is the Infirmary one, since practically all patients require such care either in whole or in large part.

The need of more accommodation for employees has been felt for years, and it has been necessary to house some of them in the buildings occupied by patients. This was undesirable, because room available for patients was utilized. To remedy this, and to provide accommodation for increased staff, the third floor of the Administration Building, previously unused, has been altered to give satisfactory rooms. This



was practically finished at the end of the year, and will be available for use early in 1926.

Linoleum has been laid where the traffic was heaviest, and a minimum of noise most desirable. The main corridors of all the Infirmarys and Administration Building have been covered. This has naturally added to the comfort of patients, and has reduced the work of upkeep.

Five years have elapsed since the construction of this Institution, and certain wear and tear has taken place, so that painting, repairs to stucco, and much glazing was needed. The exteriors of all buildings have been painted, a considerable amount of urgent interior redecorating has been done, both plastering and painting, and nearly all windows have been glazed.

Early in the summer, a small solarium was built where patients were able, during favourable weather, to take air and sun treatment.

TABLE No. 1.  
CLASSIFICATION OF DISCHARGED PATIENTS, 1925.

	On Admission		Residence		On Discharge.						
	No.	Total %	T.B. %	Not over 31 D.	Over 31 D.	A.	A.A.	Q.	I.	U.	D.
I. No disease .....	2	.....	.....	1	1	.....	.....	.....	.....	1	.....
II. Undiagnosed .....	4	.....	.....	1	3	.....	.....	.....	3	.....	.....
III. Non-tuberculous .....	14	.....	.....	3	11	.....	.....	.....	7	3	1
IV. T.B. Inactive .....	3	.....	.....	.....	3	.....	2	1	.....	.....	.....
Total .....	23	13.4	.....	5	18	.....	2	1	10	4	1
V. Tuberculosis, Pulmonary.											
1. Clinical (no bacilli found).											
Minimal .....	A. 12	.....	.....	1	11	.....	3	4	2	2	.....
	B. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	C. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mod. Adv. ....	A. 9	.....	.....	2	7	.....	1	3	2	1	.....
	B. 2	.....	.....	.....	2	.....	1	.....	1	.....	.....
	C. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Far Adv. ....	A. 2	.....	.....	.....	2	.....	.....	.....	2	.....	.....
	B. 1	.....	.....	.....	1	.....	.....	1	.....	.....	.....
	C. 1	.....	.....	.....	1	.....	.....	.....	.....	.....	1
App. Hopeless .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total .....	27	15.8	18.2	3	24	.....	5	8	7	3	1
2. Positive (bacilli found).											
Minimal .....	A. 6	.....	.....	.....	6	2	.....	1	1	2	.....
	B. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	C. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mod. Adv. ....	A. 20	.....	.....	.....	20	3	.....	4	8	3	2
	B. 13	.....	.....	.....	13	.....	.....	4	4	3	2
	C. 2	.....	.....	.....	2	.....	.....	.....	.....	2	.....
Far Adv. ....	A. 10	.....	.....	1	9	.....	.....	2	4	2	1
	B. 25	.....	.....	1	24	.....	.....	.....	4	11	9
	C. 31	.....	.....	3	28	.....	.....	.....	7	10	11
App. Hopeless .....	6	.....	.....	3	3	.....	.....	.....	.....	1	5
Total .....	113	66.1	76.4	8	105	5	.....	11	28	34	30
Total Pul. T.B....	140	81.9	94.6	11	129	5	5	19	35	37	31
6. Tuberculosis (Non- Pul.) .....	8	4.7	5.4	1	7	.....	2	.....	1	3	1
Grand Total .....	171	100	.....	17	154	5	9	20	46	44	33

TABLE 2.

## SPECIAL TREATMENTS

Pneumothorax refills .....	642
Pneumothorax unsuccessful attempts .....	13
Aspirations pleural cavity .....	18
Aspirations pleural cavity refills with oxygen .....	20
Aspirations abscess .....	33
Opening abscess .....	2
Rib resection .....	1
Irrigation, pleural cavity .....	3
Irrigation, bladder .....	2
Paracentesis .....	15
Spinal Punctures .....	2
Intravenous injection (Calcium chloride) .....	44
Intravenous injection (galy) .....	2
Plaster casts, Body .....	1
"    "    Chest .....	18
"    "    Knee .....	1
	—
Suturing Wound .....	20
Other treatments and dressings .....	2
	6

TABLE 3.

## CLINICAL LABORATORY REPORT

Sputum Examinations .....	2,118
Urine Examinations .....	1,988
Blood Examinations .....	254
Feces Examinations .....	68
Transudates and Exudates .....	78
Other tests .....	66
	—
Total Examinations .....	4,572

TABLE 4.

## TABLE ON SEX AND SOCIAL SCALE

Male .....	94	Married .....	80
Female .....	77	Single .....	79
	—	Widowed .....	11
Total .....	171	Divorced .....	1
			—
		Total .....	171

TABLE 5.

## AGE GROUP ON ADMISSION OF 148 CASES OF TUBERCULOSIS

Years.		Years.	
1-10 .....	1	51-60 .....	4
11-20 .....	15	61-70 .....	1
21-30 .....	53	71-80 .....	1
31-40 .....	50		—
41-50 .....	23	Total .....	148

TABLE 6.

## RELIGIONS

Roman Catholic .....	28	Church of England .....	44
Methodist .....	19	Greek Catholic .....	2
Lutheran .....	16	Baptist .....	5
Greek Orthodox .....	2	Holiness Movement .....	1
Protestant .....	3	Mormon .....	1
Nazarene .....	1	Ruthenian .....	1
Salvation Army .....	1		—
No Report .....	3	Total .....	171
Presbyterian .....	44		

TABLE 7.

## OCCUPATION OF DISCHARGED PATIENTS

Accountant .....	3	Miner .....	4
Bank Accountant .....	1	Motorman .....	1
Bank Clerk .....	1	Musician .....	1
Barber .....	2	No Occupation .....	2
Bookkeeper .....	1	Nurse .....	1
Bricklayer .....	1	Orderly, Hospital .....	1
Check Weighman .....	1	Painter .....	1
Civil Engineer .....	2	Peddler .....	1
Clerk .....	7	Postmaster .....	1
Cook .....	1	Roadmaker .....	1
Credit Manager .....	1	Salesmen .....	8
Dressmaker .....	1	Schoolboy .....	1
Egg Candler .....	1	Schoolgirl .....	8
Farmer .....	27	Shoe Repairer .....	1
Fireman, Railway .....	1	Steam Engineer .....	1
Hairdresser .....	1	Stenographer .....	4
Housewife .....	35	Student .....	6
Housework .....	11	Tailoress .....	1
Janitor .....	2	Teacher .....	8
Laborer .....	7	Teamster .....	1
Laundryman .....	1	Telegraph Operator .....	1
Machinist .....	1	Telephone Operator .....	1
Mail Carrier .....	1	Tinsmith .....	1
Manager .....	1	Trainman .....	1
Mechanic .....	2		
Merchant .....	1	Total .....	171

TABLE 8.

## NATIVITY OF DISCHARGED PATIENTS

Alberta .....	16	Austria .....	6
British Columbia .....	2	Belgium .....	1
Manitoba .....	4	China .....	1
New Brunswick .....	3	Denmark .....	1
Nova Scotia .....	9	East Galicia .....	1
Ontario .....	33	Finland .....	1
P. E. I. ....	1	Germany .....	3
Quebec .....	10	Iceland .....	2
Saskatchewan .....	2	Norway .....	4
Mackenzie Territory .....	1	Roumania .....	1
U. S. A. ....	21	Russia .....	2
England .....	34	Sweden .....	1
Scotland .....	6	Syria .....	1
Ireland .....	2		
Wales .....	2	Total .....	171

TABLE 9.

## RESIDENCE OF DISCHARGED PATIENTS

CITIES		Leduc .....	1
Calgary .....	42	Macleod .....	1
Edmonton .....	17	Nanton .....	1
Lethbridge .....	4	Vegreville .....	1
Medicine Hat .....	4	St. Albert .....	1
Total .....	67	Total .....	16
TOWNS		VILLAGES	
Coleman .....	1	Lac La Biche .....	1
Cardston .....	2	Lamont .....	1
Castor .....	1	Mirror .....	1
Didsbury .....	1	New Norway .....	1
Carmangay .....	1	Cadogan .....	1
Camrose .....	1	Rocky Mountain House .....	1
Drumheller .....	1		
Gleichen .....	1	Total .....	6
High River .....	2	Can. Nat. Parks .....	2

## DEPARTMENT OF PUBLIC HEALTH

MUNICIPAL DISTRICTS			
M.D. 189, Blackie .....	1	M.D. 278, Wayne .....	1
M.D. 489, Conjuring Creek .....	1	M.D. 551, Fallis .....	1
M.D. 159, Cayley .....	1	M.D. 549, Volmar .....	1
M.D. 272, Cereal .....	1		—
M.D. 579, Clyde .....	1	Total .....	33
M.D. 278, Carbon .....	1		
M.D. 306, Delia .....	1	IMPROVEMENT DISTRICTS	
M.D. 427, Duhamel .....	1	I.D. 71, Bellevue .....	1
M.D. 278, Drumheller .....	1	I.D. 211, Empress .....	1
M.D. 427, Edberg .....	1	I.D. 604, Fork Lake .....	1
M.D. 427, Ferintosh .....	3	I.D. 121, Medicine Hat .....	1
M.D. 218, Gleichen .....	1	I.D. 496, Lovat .....	1
M.D. 34, Goddard .....	1	I.D. 247, Wayne .....	1
M.D. 488, Hay Lake .....	1	I.D. 1113 Fort Chipewayen .....	1
M.D. 578, Jeffrey .....	1		—
M.D. 424, Kinsella .....	1	Total .....	7
M.D. 191, Lineham .....	1	Non-Residents .....	2
M.D. 458, Millet .....	1		—
M.D. 397, Meeting Creek .....	1	Department of Soldiers' Civil Re-	
M.D. 243, Olds .....	1	Establishment .....	38
M.D. 65, Purple Springs .....	1		—
M.D. 248, Rockyford .....	1	Total Patients Discharged during	
M.D. 545, Shandro .....	1	1925 .....	171
M.D. 576, Smoky Lake .....	1		—
M.D. 518, Strathcona .....	1	TOTAL NUMBER OF PATIENT DAYS	
M.D. 241, Sibbald .....	1	D.S.C.R. Patients .....	8,940
M.D. 455, Thorlea .....	1		—
M.D. 455, Viking .....	1	Civilian Patients .....	45,906
		Total .....	54,846

A. H. BAKER, M.D.,

*Medical Superintendent.*

# Report of the Provincial Training School, Red Deer

## MOVEMENT OF PATIENTS IN 1925

	Male	Female	Total
Number enrolled December 31st, 1924.....	71	59	130
Number actually present December 31st, 1924.....	71	59	130
Admissions during the year 1925—			
Voluntary admissions .....	5	6	11
Court commitments .....	.....	5	5
Re-admissions (from parole) .....	1	.....	1
Total number enrolled during the year.....	77	70	147
Discharged during the year .....	5	2	7
Deaths during the year .....	2	.....	2
Transferred to Ponoka Hospital .....	2	.....	2
Deported during the year .....	.....	1	1
Paroled during the year .....	2	.....	2
Number actually present Dec. 31st, 1925.....	66	67	133
Wards of the Province .....			18
Wards of Municipalities .....			100
Wards of Department of Municipal Affairs .....			8
Private cases .....			7
Total.....			133

There is nothing of outstanding significance to report regarding institutional work for the feeble-minded during the year 1925. The Training School was practically filled to capacity at the beginning of the year, and as there was no new construction the movement of population was limited to seven discharges, two deaths, two transfers, one deportation and two cases of parole. Of the latter one was readmitted through inability to successfully readjust himself to extra-institutional life.

The discharges for the year were for the most part requested on the grounds of economy—the maintenance fee of \$15.00 per month proving too great a drain on the family budget.

The two cases transferred to Ponoka were of the type for whom adequate supervision was impossible in an institution of this kind.

### HEALTH.

The general health of the patients has been exceptionally good, there were only two deaths—one from epileptic status, and one due to accidental drowning. There were no cases of contagious or serious organic disease. This record speaks well for the care and attention given each child, and of the faithfulness of the Matron and attendants in the discharge of their respective duties.

### DENTAL ATTENTION.

Dental attention was given to all those requiring it. Dr. Heacock has readily responded to any call made upon him, and his work has at all times been efficient and satisfactory.

## INSTITUTIONAL PROGRESS.

The routine of institutional work has been carried on in a spirit of harmony and co-operation on the part of all.

While no new construction was undertaken, numerous minor alterations were made to the building. The closing-in and heating of the east balconies provide additional day room space, enabling us to utilize the other day rooms for dormitory purposes.

We have also further added to our bed equipment. This we hope will place us in a position to handle a maximum of one hundred and forty patients for 1926. The numbers awaiting admission have steadily grown, however, adding further to the perplexing problem of accommodation. We sincerely hope that the Government will give this matter the attention it deserves, that steps may be taken to remedy this serious defect in our plans for the care of the feeble-minded population of the Province.

In November a visiting committee appointed by the Department made a thorough inspection of the School. The nature of the report has not as yet been disclosed.

A social worker was appointed, but for reasons of economy she did not function as such during the year. Training in academic work for such as could be benefitted thereby, simple vocational work for the girls, together with routine training in good habit formation for all was carried on throughout the year. Real progress was made, especially in grade school work under the efficient leadership of Miss Gorman. The "Sense training" work, directed by Miss McBeath, has fully demonstrated its value in the mental training of the lower grades. Church services were held regularly throughout the year, the various Ministers of the City cheerfully contributing to the spiritual needs of the children. The moving pictures continued to be a source of entertainment and instruction. Periodical entertainments, and special sports also served as a means of stimulating and holding a spirit of interest in the routine of the School activities.

## REVENUES.

These have been well maintained, a greater response in the payments of fees on the part of Municipalities being distinctly noticeable. At the present time Calgary and Edmonton alone are contributing 41% of the maintenance revenues of the School.

The accompanying charts, financial and other statements will, I trust, give additional information of value regarding the general work of the School during the year just closed.

W. J. McALISTER, M.D.

*Medical Superintendent.*

## PROVINCIAL TRAINING SCHOOL.

## CASES OF MENTAL DEFECT REPORTED AND ON FILE AS AT DEC. 31st, 1925

## AWAITING ADMISSION.

	Application and Approval (Complete)		
	Male	Female	Total
Filed during the year 1923.....	4	.....	4
Filed during the year 1924.....	9	7	16
Filed during the year 1925 .....	2	6	8
Court cases .....	3	.....	3
<b>Total complete files.....</b>	<b>18</b>	<b>13</b>	<b>31</b>
	Application Only (Approval pending)		
	Male	Female	Total
Filed prior to 1923 .....	21	18	39
Filed during 1923 .....	11	7	18
Filed during 1924 .....	10	10	20
Filed during 1925 .....	2	1	3
<b>Total .....</b>	<b>44</b>	<b>36</b>	<b>80</b>
<b>Total Applicants Awaiting Admission.....</b>	<b>62</b>	<b>49</b>	<b>111</b>

## MENTAL DEFECTIVE SUSPECTS.

## Reported prior to 1923.

	Male	Female	Total
By Public Health Nurses .....	19	16	35
By Department of Education .....	54	40	94
By parents and others .....	39	23	62
Sex unstated .....	.....	.....	4
	<b>112</b>	<b>79</b>	<b>195</b>

## Reported during the year 1923 :

	Male	Female	Total
By Public Health Nurses .....	3	7	10
By Department of Education .....	19	11	30
By Parents and others .....	7	13	20
Sex unstated .....	.....	.....	1
	<b>29</b>	<b>31</b>	<b>61</b>

## Reported during the year 1924 :

	Male	Female	Total
By Public Health Nurses .....	2	2	4
By Department of Education .....	8	7	15
By Parents and others .....	12	6	18
	<b>22</b>	<b>15</b>	<b>37</b>

## Reported during the year 1925 :

	Male	Female	Total
By Public Health Nurses .....	1	.....	1
By Department of Education .....	4	3	7
By Parents and others .....	13	14	27
Sex unstated .....	.....	.....	12
	<b>18</b>	<b>17</b>	<b>47</b>

## SUMMARY.

	Male	Female	Total
Mental Defectives in residence here.....	66	67	133
M.D. resident at Ponoka Mental Hospital .....	7	9	16
Applicants awaiting admission .....	62	49	111
Suspects reported .....	181	142	323
Sex unstated .....	.....	.....	17
<b>Total known Mental Defectives .....</b>	<b>316</b>	<b>267</b>	<b>600</b>

## DEPARTMENT OF PUBLIC HEALTH

## CHRONOLOGICAL AGES OF TOTAL ADMISSIONS DURING 1925.

	Male	Female	Total
Under 5 years .....	.....	2	2
5 to 10 years .....	1	3	4
10 to 15 years .....	3	.....	3
15 to 20 years .....	.....	3	3
20 to 25 years .....	1	1	2
25 to 30 years .....	1	2	3
30 to 35 years .....	.....	.....	.....
35 years upwards .....	.....	.....	.....
Total.....	6	11	17

## CHRONOLOGICAL AGES OF TOTAL POPULATION.

	Male	Female	Total
Under 5 years .....	1	4	5
5 to 10 years .....	14	12	26
10 to 15 years .....	28	13	41
15 to 20 years .....	10	25	35
20 to 25 years .....	5	5	10
25 to 30 years .....	4	7	11
30 to 35 years .....	1	.....	1
35 years upwards .....	3	1	4
Total.....	66	67	133

## BIRTHPLACE.

	Parent		
	Father.	Mother.	Patient.
Alberta .....	.....	4	75
Canada (not including Alberta) .....	37	32	26
England and Wales .....	20	22	6
Scotland .....	7	7	2
Ireland .....	5	4	.....
U. S. A. ....	23	23	19
Other Countries .....	26	25	5
Unknown .....	15	16	.....

## PARENTS—ECONOMIC STATUS (HOMES).

Comfortable .....	41
Marginal .....	56
Dependent .....	15
Unknown .....	21

## DISEASE INCIDENCE IN FAMILY HISTORY (Taken from History Form)

Epilepsy .....	6
Insanity .....	11
Mental Defect .....	30
Neuropathic .....	3
Alcoholism .....	13
Syphilis .....	2
T. B. O. ....	4
Blindness .....	1
Deafness .....	1



## DISEASE INCIDENCE AND DEATHS.

	Organic	No.	Specific	No.	Results
Medical	Nil		Nil		.....
	Minor	No.	Major	No.	Results
Surgical	Routine for injuries		Nil		.....
	Petitmal	No.	Grand Mal	No.	Total
Epilepsy	7	7	19	19	26

Helpless Cases	Idiot	M	F	Imbecile	M	F	Moron	M	F	Total
Requiring personal attention	57	29	28	4	1	3	Nil			M F 30 31 61

	Name	Sex	Age		Mental Status	Cause	
			Yr	Mo		Primary	Secondary
Deaths	James Adams	Male	14	4	Idiot	Status epilepticus	Chronic epilepsy
	Lionel Cranston (Forrester)	Male	13	1	Neuropathic I.Q. .88	Accidental	drowning

## SUMMARY OF INFORMATION—PATIENTS.

Residence :	
Urban .....	73
Rural .....	70
Religion :	
Protestant .....	98
Roman Catholic .....	22
Greek Catholic .....	3
Moravian .....	1
Unknown .....	8

## SUMMARY OF INFORMATION—PATIENTS

## MENTAL STATUS.

Idiot .....	46
Imbecile .....	68
Moron .....	18
Psychoses .....	1
Neuropathic (Not feeble-minded) .....	.....
M.D. and Psychopathic .....	.....
M.D. and Epileptic .....	16

## NEW ADMISSIONS, 1925.

Disposition	Idiot	Imbecile	Moron	Psychoses	Neuropathic (Not F.M.)	M.D. and Psycho- pathic	M.D. and Epileptic	M.D. and Paralysis
Infirmary .....	4	.....	.....	.....	.....	.....	.....	.....
Ward II .....	.....	3	4	.....	.....	.....	.....	.....
Ward III .....	.....	3	1	.....	.....	.....	.....	.....

## DISCHARGES, 1925

Disposition	Idiot	Imbecile	Moron	Psychoses	Neuropathic (Not F.M.)	M.D. and Psycho- pathic	M.D. and Epileptic	M.D. and Paralysis
Deported .....	.....	1	.....	.....	.....	.....	.....	.....
Transferred .....	.....	.....	.....	1	.....	1	.....	.....
Paroled .....	.....	.....	1	.....	.....	1	.....	.....
Re-Admitted .....	.....	.....	.....	.....	.....	(1)	.....	.....
Deaths .....	.....	.....	.....	.....	1	.....	1	.....
Discharges .....	.....	6	.....	.....	.....	.....	.....	.....

## SUMMARY OF COST, 1925.

Total cash expenditure for the year 1925.....	\$37,391.16
Plus Stock on hand December 31st, 1924 .....	\$1,536.12
Plus Farm Produce Supplies School .....	1,134.10
	<u>2,670.22</u>
	\$40,061.38
Less Stock on hand December 31st, 1925 .....	1,648.50
Actual Operating Expense for 1925 .....	<u>\$38,412.88</u>
Total number of institution days for the year.....	48,599
Cost per patient for the year.....	79c
Cost per diem for the year.....	\$94.28

## COMPARISON BETWEEN THE YEARS 1923, 1924 AND 1925.

	1923	1924	1925
Average number of patients in residence during the year .....	70	110	130
Cost per patient (based on actual operating expenses) .....	\$1.25	\$1.00	79c
Cost per diem .....	\$85.67	\$109.92	\$94.28
Actual cost of food for the year.....	\$ 7,362.17	\$10,631.74	\$ 9,207.12
Cost of food per diem .....	29c	26.4c	25.5c
Cost of food per meal .....	.093c	.088c	.085c
Institution days for the year .....	25,076	40,260	48,599
Cost of operation (including farm produce consumed during year) .....	\$31,272.97	\$40,231.57	\$38,412.38
(Stock in stores Jan. 1/25 less stock on hand Dec. 31/25.)			
Actual cash expenditure .....	\$30,496.03	\$38,901.12	\$37,391.16

Food costs include the staff.

Public Works expenditures are not included.

# Report of the Provincial Mental Hospital, Ponoka

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On the 1st day of January, 1925, there were in evidence 859 patients, 528 males and 331 females. At the close of the year there were 864 patients, 501 males and 363 females, an apparent increase of only 5 patients, but to this must be added the 50 male patients who were transferred on March 24th to the Provincial Mental Hospital at Oliver, making a total increase of 55 patients (23 males and 32 females).

The admissions were 267 (163 males and 104 females), as against 233 in 1924.

The discharges were 164, as follows:

	Male	Female	Total
Recovered .....	52	36	88
Improved .....	42	14	56
Not Improved .....	6	7	13
Not Insane .....	7	.....	7
Total.....	107	57	164

These discharges include 18 deportations:

	Deportations.		Total
	Male	Female	
Czecho-Slovakia .....	1	—	1
Denmark .....	1	—	1
England .....	1	2	3
Ireland .....	1	—	1
Jugo-Slavia .....	2	.....	2
Poland .....	2	.....	2
Roumania .....	1	—	1
Sweden .....	1	—	1
Scotland .....	1	—	1
United States .....	4	1	5
Total.....	15	3	18

Eight patients, 6 males and 2 females, were admitted for observation.

During the year 85 males and 54 females, a total of 139, were sent out on probation, and 5 males and 3 females were returned.

The recovery rate, based on the admissions (less those not insane) for the year, is in the case of the males, 33.33 per cent., and in that of the females 34.60 per cent. The recovery rate, therefore, is for both sexes 33.84 per cent.

The total discharges amount to 61.40 per cent. of the admissions.

The deaths were 56, viz., 37 males and 19 females. The death rate, based on the total number under treatment—1,152—is for the males 5.19 per cent., and for the females 4.31 per cent., or for both sexes 4.86 per cent.

There were 9 deaths (8 males and 1 female) from General Paralysis, and 4 from Pulmonary Tuberculosis, equally divided between the sexes.

Of the admissions Manic-Depressive Insanity constituted 27.71 per cent., Dementia Praecox 23.96 per cent., General Paralysis 4.86 per cent., Epilepsy 4.49 per cent., Alcoholic Insanity 3.74 per cent., and Senile Dementia 2.62 per cent.

A study of the nativity of those admitted shows that slightly over 30 per cent. were born in Canada, 28 per cent. in the British Isles, and 19 per cent., in the United States, a total of about 77 per cent. from these three sources alone.

Reference to Table No. 8 shows that the greatest incidence (82 per cent. of the cases) occurred between the ages of 20 and 55, reaching its peak between the ages of 40 and 45, thereafter rapidly diminishing.

The Insanity Act Amendment Act of 1924 is working satisfactorily, and reference to Table 15, summarising the movements of patients, shows that 22 patients availed themselves of the voluntary method of admission, 39 were admitted by two medical certificates and the remainder by warrant.

The general health of the patients and staff has been satisfactory. There was a small epidemic of pneumonia (23 cases in all), the outstanding feature of which was the high percentage (nearly 22 per cent.) of empyemas following, all of which made a good recovery after resection of a rib and drainage.

On April 30th Mr. L. B. Browne, the Bursar, retired from the service, his place being taken by Mr. George Willson, who had previously been in the service of the Soldiers' Civil Re-establishment.

On August 24th the Matron, Miss E. K. Lockie, who has served the Hospital faithfully for many years, had the misfortune to fall and fracture the neck of her right thigh, and has been incapacitated from active work since that date.

The Assistant Matron, Miss E. G. Merrick, resigned on August 31st to be married, carrying with her the good wishes of all those who had had the privilege of working with her. Later on, Mrs. H. M. Cairns, formerly Assistant Matron at the University Hospital, Edmonton, was appointed in her place.

On November 25th the Board of Visitors appointed by the Minister, and consisting of:

Mrs. Emily Murphy, of Edmonton,  
Mrs. Jean Field, of Wide Water, 2nd Vice-President U.F.W. of A.,  
Mrs. J. F. Anderson, of Raymond,  
Mr. W. J. Botterill, of Red Deer, and  
Dr. J. M. MacEachern, of the University of Alberta,

made their first official visit of inspection, the objective being not only to constitute a permanent Board of Visitors for all institutions, but to provide the public with an unbiased account of the conditions under which the insane, feeble-minded and prisoners are being cared for in the Province.

The necessary dental work has been carried on by Dr. A. E. Heacock, of the Department of Public Health. A summary of his work during 1925 is appended hereto.

The treatment of General Paralysis of the Insane by inoculation with a benign strain of the malarial parasite is still being carried on. These observations began in September, 1924, and since then all cases of General Paralysis have been treated by this method, unless there are definite contra-indications, such as great feebleness or a too advanced stage of the disease. So far, the results have exceeded expectation, and in the majority of cases the progress of the disease has been arrested with a general improvement in the mental and physical condition. A few cases have apparently recovered, and so far there have been no relapses.

Throughout the year the investigation into the excretion of tubercle bacilli in the milk of the dairy herd was continued. In all 149 guinea pig tests (inoculation of the centrifugalised milk into guinea pigs) were made with the milk of 118 animals. Twelve tests were positive in 11 animals and 2 were doubtful. Five of the animals found to be excreting tubercle bacilli in the milk had failed to react to tuberculin on each of the three occasions on which they had been inoculated.

Between March 27th and December 31st twenty-five new-born calves were inoculated with Calmette's B.C.G. (*Bacillus Calmette-Guerin*) Vaccine in order to confirm or disprove Calmette's claim for the immunising properties of this vaccine. The intention is to divide these animals and such others as may be subsequently added into four groups:

- (1) Animals immunised (?) with B.C.G. and slaughtered within a year afterwards, a careful examination being made of all tissues for the presence or absence of tubercular foci of infection which may have been accidentally contracted from the herd.
- (2) Animals immunised with B.C.G. to be inoculated later with a virulent culture of tubercle bacillus (*Bacillus Vallee*), and the effects, if any, carefully noted during life or post-mortem.
- (3) Animals immunised (?) with Raw's Vaccine to be inoculated later with *Bacillus Vallee*.
- (4) Animals not immunised with B.C.G. or Raw's Vaccine to be inoculated later with *Bacillus Vallee*.

E. H. COOKE, M.D.,

*Medical Superintendent.*

SUMMARY STATEMENT SHOWING THE GROSS AND NET PER CAPITA COST OF PATIENTS IN INSTITUTION.

Total Expenditure .....	\$210,967.55	
Ponoka Farm Produce .....	19,382.75	
Inventories December 31st, 1924 .....	17,494.44	
	<hr/>	\$247,844.74
<i>Less</i> Uniforms supplied to Oliver Mental Institute .....	\$ 352.00	
Provisions to Red Deer .....	535.95	
Express paid on Laundry to Central Alberta Sanatorium .....	331.20	
	<hr/>	\$ 1,219.15
Inventories December 31st, 1925.....	23,342.45	
	<hr/>	24,561.60
		<hr/>
		\$223,283.14
<i>Less</i> Revenue .....	\$71,605.28	
<i>Less</i> Supplies to Oliver, Red Deer, and Express included above .....	1,219.15	
	<hr/>	70,386.13
		<hr/>
Net cost to Government for maintenance of patients.....		<u>\$152,897.01</u>
Total patients in residence Dec. 31st, 1925 .....	864	
Daily average population for one year.....	868.90	
Number of patient days in year .....	317,150	
Gross Maintenance per Capita cost 1 year.....	\$256.96	
Gross Maintenance per Capita cost 1 day.....	70.40c	
Net Maintenance per Capita cost 1 year.....	\$175.97	
Net Maintenance per Capita cost 1 day.....	48.21c	

## DEPARTMENT OF PUBLIC HEALTH

TABLE No. 1  
SHOWING THE NUMBER OF ADMISSIONS, DISCHARGES AND  
DEATHS DURING 1925.

Month.	Admissions			Discharges			Deaths		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
January .....	14	6	20	4	3	7	3	...	3
February .....	15	8	23	2	1	3	6	...	6
March .....	14	9	23	3	...	3	2	...	2
April .....	10	15	25	11	5	16	4	4	8
May .....	22	11	33	9	4	13	5	2	7
June .....	18	4	22	7	6	13	5	1	6
July .....	19	11	30	8	2	10	1	1	2
August .....	9	8	17	16	5	21	2	...	2
September .....	5	9	14	9	9	18	1	2	3
October .....	10	5	15	9	9	18	4	3	7
November .....	12	6	18	11	3	14	3	1	4
December .....	15	12	27	18	10	28	1	5	6
Total.....	163	104	267	107	57	164	37	19	56

TABLE No. 2  
SHOWING THE CIVIL STATE OF PATIENTS ADMITTED DURING 1925.

Civil State.	Male.	Female.	Total.
Single .....	88	29	117
Married .....	60	70	130
Widowed .....	13	5	18
Divorced .....	2	...	2
Total .....	163	104	267

TABLE No. 3  
SHOWING THE RELIGIOUS DENOMINATION OF THOSE ADMITTED  
DURING 1925.

Religious Denomination.	Male.	Female.	Total.
Anglican .....	27	14	41
Baptist .....	11	3	14
Christian Church .....	1	1	2
Christian Scientist .....	1	...	1
Confucian .....	1	...	1
Congregationalist .....	1	2	3
Church of Nazarene .....	...	1	1
Evangelical .....	1	...	1
Free Methodist .....	1	...	1
Greek Church .....	9	1	10
Jewish .....	...	1	1
Lutheran .....	22	11	33
Methodist .....	16	18	34
Mennonite .....	1	...	1
Mohammedan .....	1	...	1
Mormon .....	1	2	3
Other Protestants .....	3	...	3
Presbyterian .....	33	24	57
Plymouth Brethren .....	1	...	1
Roman Catholic .....	29	22	51
Russellite .....	1	...	1
Salvation Army .....	...	2	2
Seventh Day Adventist .....	...	2	2
Theosophist .....	1	...	1
United Church .....	1	...	1
Total.....	163	104	267

TABLE No. 4  
SHOWING THE DEGREE OF EDUCATION OF THOSE ADMITTED  
DURING 1925.

Degree of Education.	Male.	Female.	Total.
Superior .....	11	3	14
Common School .....	140	95	235
None .....	12	6	18
Total.....	163	104	267

TABLE No. 5  
SHOWING THE NATIONALITY OF THOSE ADMITTED DURING 1925.

Nationality.	Male.	Female.	Total.
Austria .....	5	1	6
Belgium .....	...	2	2
British Guiana .....	1	...	1
Bukowina .....	1	...	1
Canada .....	49	33	82
Channel Islands .....	...	1	1
Czecho-Slovakia .....	1	...	1
China .....	1	...	1
Denmark .....	2	...	2
England .....	29	19	48
France .....	1	1	2
Finland .....	1	...	1
Galicia .....	3	...	3
Germany .....	2	...	2
Holland .....	...	1	1
Italy .....	1	1	2
Ireland .....	3	3	6
Isle of Man .....	...	1	1
Jugo-Slavia .....	1	...	1
Norway .....	5	3	8
Poland .....	2	1	3
Roumania .....	1	...	1
Russia .....	8	4	12
Sweden .....	3	2	5
Scotland .....	11	7	18
Syria .....	1	...	1
Ukrainia .....	...	1	1
United States .....	31	20	51
Wales .....	...	3	3
Total.....	163	104	267

TABLE No. 6

PLACE OF RESIDENCE AT TIME OF COMMITTAL, 1925.

Place.	Male.	Female.	Total.
Aldersyde .....	1	...	1
Angle Lake .....	...	1	1
Ashmont .....	...	1	1
Athabasca Landing .....	2	...	2
Banff .....	...	1	1
Barons .....	...	1	1
Bassano .....	2	...	2
Benalto .....	...	1	1
Berwyn .....	1	...	1
Big Valley .....	1	...	1
Bingley .....	1	...	1
Brooks .....	1	...	1
Bulwark .....	...	1	1
Burdett .....	...	1	1
Calgary .....	26	19	45
Cadomin .....	1	...	1
Cairns .....	...	1	1
Camrose .....	1	...	1
Carbon .....	1	...	1
Carmangay .....	1	...	1
Carolside .....	1	...	1
Carseland .....	1	...	1
Castor .....	2	2	4
Chailey .....	1	...	1
Claresholm .....	1	...	1
Craigmyle .....	2	...	2
Chipman .....	...	1	1
Coaldale .....	1	...	1
Coleman .....	4	...	4
Condor .....	...	1	1
Coronation .....	2	...	2
Cowley .....	1	...	1
Curlew .....	...	1	1
Del Bonita .....	1	...	1
Delia .....	1	...	1
Donalda .....	...	1	1
Duchess .....	1	...	1
Drumheller .....	3	1	4
Edmonton .....	28	26	54
Eagle Hill .....	1	...	1
Evansburg .....	...	1	1
Evarts .....	1	...	1
Edberg .....	1	...	1
Edgerton .....	1	1	2
Excel .....	1	...	1
Ensign .....	...	1	1
Federal .....	1	...	1
Fleet .....	...	1	1
Freedom .....	1	...	1
Fort Saskatchewan .....	2	...	2
Fort Smith, N.W.T. ....	...	1	1
Gleichen .....	1	...	1
Gibbons .....	1	...	1
Grosmont .....	1	...	1
Grouard .....	1	...	1
Hay Lake .....	1	...	1
Herschell Island, N.W.T. ....	...	1	1
High River .....	1	...	1
Hoselaw .....	1	...	1
Hussar .....	1	...	1
Innisfail .....	2	...	2
Islay .....	1	...	1
Jarrow .....	1	...	1
Jasper .....	1	1	2
Joffre .....	1	...	1



TABLE No. 6—Continued

Place.	Male.	Female.	Total.
Keoma .....	1	...	1
Lacombe .....	1	3	4
LaCorey .....	1	...	1
Lamont .....	...	1	1
Leduc .....	1	...	1
Legal .....	...	1	1
Lethbridge .....	3	...	3
Lomond .....	1	...	1
Macleod .....	...	1	1
Magrath .....	1	...	1
Mantario, Sask. ....	1	...	1
Medicine Hat .....	2	2	4
Mewassin .....	...	1	1
Midlandvale .....	...	1	1
Millet .....	...	1	1
Minburn .....	...	1	1
Monitor .....	1	...	1
Morinville .....	...	3	3
New Norway .....	...	1	1
Olds .....	...	2	2
Owl's Eye .....	1	...	1
Oyen .....	1	...	1
Patricia .....	2	...	2
Peace River .....	1	1	2
Pincher Creek .....	1	2	3
Prince Albert Penitentiary .....	2	...	2
Ponoka .....	1	...	1
Provost .....	1	...	1
Radway Centre .....	...	1	1
Redcliffe .....	1	...	1
Redwater .....	...	1	1
Ryley .....	...	1	1
Roycroft .....	1	...	1
Rumsey .....	1	...	1
St. Albert .....	...	1	1
St. Paul de Metis .....	...	1	1
Sylvan Lake .....	1	...	1
Sedgewick .....	1	...	1
Stettler .....	...	2	2
Spirit River .....	1	...	1
Scollard .....	...	1	1
Smoky Lake .....	1	...	1
Stoppington .....	1	...	1
Stony Plain .....	...	1	1
Soda Lake .....	1	...	1
Strome .....	1	...	1
Sulphur Springs .....	1	...	1
Sunnyslope .....	1	...	1
Three Hills .....	1	1	2
Tofield .....	2	...	2
Throne .....	...	1	1
Vegreville .....	1	...	1
Viking .....	...	1	1
Vilna .....	...	1	1
Wabasca .....	1	...	1
Wainwright .....	1	...	1
Walsh .....	1	...	1
Warburg .....	1	...	1
Waugh .....	1	...	1
Wayne .....	1	...	1
Waskatenau .....	2	...	2
Waterhole .....	1	...	1
Westlock .....	1	...	1
Wetaskiwin .....	1	2	3
Winnifred .....	1	...	1
Wiste .....	...	1	1
Total.....	163	104	267

TABLE No. 7

SHOWING THE OCCUPATION OF THOSE ADMITTED DURING 1925.

Occupation.	Male.	Female.	Total.
Accountant .....	2	...	2
Athlete .....	1	...	1
Barrister .....	1	...	1
Broom-maker .....	1	...	1
Building Contractor .....	1	...	1
Butcher .....	2	...	2
Carpenter .....	1	...	1
Cattle Dealer .....	1	...	1
Clerk .....	3	...	3
Constable .....	1	...	1
Cowboy .....	1	...	1
Driver (Express Co.) .....	1	...	1
Domestic .....	...	5	5
Engineer .....	1	...	1
Farmer .....	55	...	55
Fireman .....	1	...	1
Gardener .....	1	...	1
Grain Dealer .....	1	...	1
Gentlewoman .....	...	1	1
Grocer .....	1	...	1
Hair-dresser .....	1	...	1
Home .....	...	3	3
Horseman .....	1	...	1
Hotel Clerk .....	1	...	1
Housekeeper .....	...	12	12
Housewife .....	...	68	68
Insurance Agent .....	1	...	1
Labourer .....	46	...	46
Laundress .....	...	1	1
Mechanic .....	3	...	3
Merchant .....	1	...	1
Miner .....	7	...	7
Motion Picture Photographer .....	1	...	1
Musician .....	2	...	2
None .....	1	4	5
Nurse .....	...	3	3
Painter and Decorator .....	1	...	1
Plasterer .....	1	...	1
Postal Clerk .....	1	...	1
Prostitute .....	...	1	1
Pumpman .....	1	...	1
Plumber .....	2	...	2
Restaurateur .....	1	...	1
Rivetter .....	1	...	1
Salesman .....	1	...	1
Salvationist .....	...	1	1
Seamstress .....	...	1	1
Section Man .....	1	...	1
Stenographer .....	...	1	1
School-boy .....	3	...	3
School-teacher .....	1	3	4
Student .....	3	...	3
Trapper .....	3	...	3
Tinsmith .....	1	...	1
Watchmaker .....	1	...	1
Total.....	163	104	267

TABLE No. 8  
SHOWING THE AGES OF THOSE ADMITTED DURING 1925.

Ages.	Male.	Female.	Total.
10 to 14 .....	1	...	1
15 to 20 .....	6	4	10
21 to 25 .....	14	8	22
26 to 30 .....	15	19	34
31 to 35 .....	18	17	35
36 to 40 .....	22	15	37
41 to 45 .....	26	16	42
46 to 50 .....	15	12	37
51 to 55 .....	18	4	22
56 to 60 .....	11	3	14
61 to 65 .....	6	4	10
66 to 70 .....	2	...	2
71 to 75 .....	6	...	6
76 to 80 .....	2	...	2
81 to 85 .....	1	2	3
Total.....	163	104	267

TABLE No. 9  
SHOWING STATISTICS OF HEREDITY IN THOSE ADMITTED  
DURING 1925.

Heredity.	Male.	Female.	Total.
Paternal Branch .....	32	16	48
Maternal Branch .....	24	17	41
Paternal or Maternal .....	20	22	42
Said not to be Heredity.....	67	48	115
History insufficient .....	20	1	21
Total.....	163	104	267

TABLE No. 10  
SHOWING THE ALLEGED CAUSES OF THE ATTACK OF  
INSANITY, 1925.

Alleged Causes.	Male.	Female.	Total.
Alcohol .....	16	2	18
Cardiac Disease .....	1	2	3
Cardio-Renal Disease .....	2	1	3
Cardio-vascular Degeneration .....	14	1	15
Child-bearing .....	...	2	2
Child-birth .....	...	10	10
Chorea—Huntington's .....	...	1	1
Constitutional Psychopathic Inferiority...	6	...	6
Drug Addiction .....	8	4	12
Encephalitis Lethargica .....	2	...	2
Epilepsy .....	8	7	15
Goitre—Exophthalmic .....	...	5	5
Haemorrhage .....	...	1	1
Heredity .....	49	25	74
Heredity—Alcoholic .....	25	5	30
Heredity—Epileptic .....	3	4	7
Heredity—Suspected .....	6	25	31
Ill-health .....	14	10	24
Isolation .....	7	5	12
Influenza .....	1	5	6
Injury to head .....	6	1	7
Loss of sight .....	1	...	1
Mental Deficiency .....	3	7	10
Mental Stress—Prolonged .....	31	30	61
Mental Stress—Sudden .....	8	3	11
Miscarriage .....	...	1	1
Meningitis .....	1	...	1
Menopause .....	...	7	7
Not known .....	4	...	4
Osteo-myelitis .....	1	...	1
Puerperal Sepsis .....	...	2	2
Rheumatic Fever .....	1	2	3
Senility .....	12	2	14
Syphilis .....	13	4	17
Tuberculosis—Pulmonary .....	2	1	3
Tuberculosis of Spine .....	1	...	1
Tumor of Brain .....	1	...	1
Tumor of Cord .....	...	1	1
Typhoid Fever .....	...	1	1
War Strain .....	1	...	1
Total .....	163	104	267

TABLE No. 11  
SHOWING THE STATE OF BODILY HEALTH ON ADMISSION  
DURING 1925.

Bodily Condition.	Male.	Female.	Total.
In average bodily health .....	57	18	75
In reduced health .....	80	44	124
In greatly reduced health .....	26	42	68
Total.....	163	104	267

TABLE No. 12  
SHOWING THE FORM OF MENTAL DISORDER IN THOSE  
ADMITTED DURING 1925.

Form of Disorder.	Male.	Female.	Total.
<b>TRAUMATIC PSYCHOSES :</b>			
(a) Traumatic Constitution with Epileptiform Attacks .....	1	...	1
(b) Post-traumatic Mental Enfeeblement .....	1	...	1
<b>SENILE PSYCHOSES :</b>			
(a) Simple Deterioration .....	3	...	3
(b) Paranoid states .....	2	2	4
<b>PSYCHOSES with CEREBRAL ARTERIO-SCLEROSIS .....</b>	8	...	8
<b>GENERAL PARALYSIS :</b>			
(a) Tabetic .....	1	...	1
(b) Cerebral .....	12	1	13
<b>PSYCHOSES with HUNTINGTON'S CHOREA.....</b>	...	1	1
<b>PSYCHOSIS with BRAIN TUMOUR .....</b>	1	...	1
<b>PSYCHOSES with other BRAIN OR NERVOUS DISEASE :</b>			
(a) Encephalitis Lethargica— Sequelae:			
(i) Parkinsonian Syndrome .....	1	...	1
(ii) Cerebellar Ataxy with Facial Paresis .....	1	...	1
(b) Tumour of the Cord .....	...	1	1
<b>ALCOHOLIC PSYCHOSES :</b>			
(a) Delirium Tremens .....	2	1	3
(b) Acute Hallucinosiis .....	5	1	6
(c) Chronic Hallucinosiis .....	1	...	1
<b>PSYCHOSES with other SOMATIC DISEASE :</b>			
(a) Delirium with infectious disease:			
(i) Pulmonary tuberculosis .....	...	1	1
(ii) Acute rheumatic fever.....	1	...	1
(b) Post-infectious psychosis:			
(i) Acute rheumatic fever.....	...	1	1
(c) Exhaustion Delirium .....	6	8	14
(d) Delirium of unknown origin.....	3	1	4
(e) Cardio-renal disease .....	1	...	1
(f) Diseases of the ductless glands:			
(i) Exophthalmic Goitre .....	...	4	4
(g) Other diseases or conditions:			
(i) Pregnancy .....	...	1	1
(ii) Puerperal Sepsis .....	...	1	1
(iii) Menopause .....	...	1	1
(iv) Hyperpiesis .....	1	...	1
(v) Bronchiectasis .....	1	...	1
<b>MANIC-DEPRESSIVE INSANITY :</b>			
(a) Manic type .....	22	27	49
(b) Depressive type .....	6	9	15
(c) Mixed type .....	3	1	4
(d) Atypical .....	4	2	6
<b>INVOLUTIONAL MELANCHOLIA .....</b>	1	...	1
<b>DEMENCIA PRAECOX :</b>			
(a) Paranoid .....	17	5	22
(b) Catatonic .....	6	8	14
(c) Hebephrenic .....	14	7	21
(d) Simple .....	2	...	2
(e) Atypical .....	1	4	5
<b>PARANOIA &amp; PARANOIC CONDITIONS.....</b>	2	1	3
(a) Paraphrenia .....	4	2	6
<b>EPILEPTIC PSYCHOSES :</b>			
(a) Deterioration .....	2	2	4
(b) Clouded states .....	3	3	6
(c) Excitement .....	1	...	1
(d) Depression .....	...	1	1

TABLE No. 12—Continued

Form of Disorder	Male.	Female.	Total.
PSYCHONEUROSES and NEUROSES :			
(a) Hysterical type .....	...	1	1
(b) Psychasthenic type .....	2	...	2
PSYCHOSES with CONSTITUTIONAL			
PSYCHOPATHIC INFERIORITY .....	...	1	1
PSYCHOSES with MENTAL DEFICIENCY.....	2	...	2
(a) Epileptic .....	1	...	1
UNDIAGNOSED PSYCHOSES .....	2	...	2
NOT INSANE :			
(a) Not insane .....	5	...	5
(b) Epilepsy without psychosis.....	...	1	1
(c) Alcoholism .....	1	...	1
(d) Drug Addiction .....	6	4	10
(e) Constitutional psychopathic inferiority .....	4	...	4
Total.....	163	104	267

TABLE No. 13

SHOWING NUMBER ALLOWED OUT ON PROBATION AND RESULTS IN 1925.

	Male.	Female.	Total.
Discharged, Recovered .....	50	36	86
“ Improved .....	34	14	48
“ Not Improved .....	1	4	5
Returned to Hospital .....	5	3	8
Still out at close of year.....	60	33	93

TABLE No. 15

SHOWING THE MOVEMENTS OF PATIENTS DURING 1925.

	Male.	Female.	Total.
In residence on January 1st, 1925 .....	528	331	859
INCOMING.			
Admissions:			
Voluntary .....	17	5	22
By two certificates .....	20	19	39
By warrant .....	126	80	206
Returned from probation .....	5	3	8
Transferred from Red Deer .....	1	...	1
Transferred from Oliver .....	1	...	1
Admitted for observation .....	6	2	8
Eloped and returned (1 from 1924).....	8	...	8
			1152
OUTGOING.			
Probations .....	85	54	139
Not insane—discharged .....	7	...	7
Deportations .....	15	3	18
Transferred to Oliver .....	50	...	50
Observation cases disposed of.....	4	1	5
Eloped .....	13	...	13
Deaths .....	37	19	56
			288
Total in residence 31st December, 1925.....	501	363	864
Total in residence 31st December, 1924.....	528	331	859
Increase in residence, Ponoka, 1925.....	—27	32	5
Patients transferred to Oliver.....	50	...	50
Actual increase for 1925.....	23	32	55

## DENTAL DEPARTMENT.

## SUMMARY OF WORK FOR 1925.

Number of patients examined .....	999
Number of patients given treatment.....	511
Prophylactic treatments .....	232
Amalgam Fillings .....	65
Cement Fillings .....	35
Extractions .....	1,576
General Anaesthetics .....	68
New Dentures .....	8
Dentures Repaired .....	6

## Report of the Provincial Mental Institute, Oliver, Alberta

---

On the 1st day of January, 1925, there were in residence 124 male patients. During the year there were 51 transfers from the Provincial Mental Hospital, Ponoka, 2 re-admittances, 3 discharges on probation, and 5 deaths. At the close of the year there remained 169 in residence. There are vacancies at present to accommodate 59 patients, but it is expected that all available beds will be occupied early this year. The health of the patients throughout the year has been very gratifying—no contagious diseases to report. The dental services this year have no doubt added greatly to the patients' general health.

Occupational Therapy has of recent years been confined to healthful employment and more personal liberty consistent with good discipline.

Moving pictures and concerts by the staff have in some measure relieved the monotony of institutional routine. From reports of patients these concerts are much enjoyed, and we trust that this field of endeavor will be somewhat broadened in the early future. The general appearance of the interior of the buildings has been greatly improved by the addition of furniture, decorating, and finishing of the floors.

The last session of the Legislature made provision for the appointment of a Board of visitors, for the Provincial Hospitals, composed of five members. While their report of visits is not yet available, we feel that they have the welfare of our mental patients at heart, and that the public, through their endeavors, will be better informed regarding the problems of the mentally sick.

The per patient cost for the year is 66 cents per day.

D. L. DICK, M.D.,

*Medical Superintendent.*



TABLE SHOWING MOVEMENT OF PATIENTS FOR THE YEAR 1925.  
ALL MALE PATIENTS.

Month.	In residence.	Transfers in.	Re-admitted.	Probated.	Deaths.
January .....	124	.....	.....	.....	2
February .....	.....	1	1	.....	.....
March .....	.....	50	.....	.....	1
April .....	.....	.....	.....	1	.....
August .....	.....	.....	.....	.....	1
September .....	.....	.....	1	2	1
December .....	169	.....	.....	.....	.....
		51	2	3	5

RECORD OF PATIENTS  
PROBATED, 1925.

Discharged, Recovered .....	0
“ Improved .....	2
“ Unimproved .....	0
“ Returned .....	1
	<u>3</u>
	<u>3</u>

## RECORD OF DEATHS.

Pneumonia .....	2
Tuberculosis .....	2
Epilepsy .....	1
	<u>5</u>
	<u>5</u>

## SUMMARY, 1925.

PATIENTS' AVERAGE, 163. HOSPITAL DAYS, 57,467. STAFF AVERAGE, 19.

## CREDIT.

Storeroom Stock on hand December 31st, 1925 .....	\$ 3,296.34
Garden Stock on hand December 31st, 1925 .....	953.00
Dispensary Stock on hand December 31st, 1925 .....	88.46
Refunds:	
Board .....	324.01
Clothing .....	385.90
Vegetables .....	191.88
Coal .....	40.50
Typewriter .....	27.50
Net cost, 1925 .....	37,983.04
	<u>\$43,290.63</u>

## DEBIT.

Food .....	\$13,147.32
Laundry and Cleaning .....	1,113.34
Clothing, Boots, Shoes .....	3,768.06
Automobile Upkeep .....	370.06
Tobacco .....	595.73
Garden and Grounds .....	1,265.78
Dispensary .....	124.31
Office Supplies .....	347.18
Freight and Express .....	282.90
Equipment .....	84.73
Church Services .....	241.00
Miscellaneous .....	935.11
Salaries .....	18,103.30
Stock on hand December 31st, 1924 .....	2,911.81
	<u>\$43,290.63</u>

Daily per patient cost, 66 cents.



ANNUAL REPORT  
OF THE  
**Vital Statistics Branch**  
OF THE  
DEPARTMENT OF PUBLIC HEALTH  
PROVINCE OF ALBERTA  
1925

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# Annual Report of the Vital Statistics Branch

SIR,—I have the honour to submit herewith the Annual Report on the Vital Statistics of the Province of Alberta applicable to the year 1925. For the compilation of the tables and rates, the population has been estimated at 600,000, which is only an increase of 11,546 over the population of the census year 1921, the immigration during the past few years having offset the emigration.

The births of 15,014 living children were registered during the year 1925. This is an increase over the preceding year of 416, but is 764 less than the average of the five preceding years. The birth rate is 25.02 per 1,000 population, being .48 more than the year 1924. Although this birth rate is slightly lower than the average for Alberta, it is high when compared with other countries populated by the white race. The following are birth rates for the various countries for the year 1924:

Canada .....	23.4
England and Wales .....	18.8
Scotland .....	21.9
Germany .....	20.2
France .....	19.2
Norway .....	21.7
Sweden .....	18.1
New Zealand .....	21.6
Australia .....	23.2
U. S. A. ....	22.5

Of the 15,014 children that were registered, 7,666 were males and 7,348 were females, being a ratio of 1,042 males born to every 1,000 females, which is under the average proportion for male births. There were 367 plural births (twins and triplets), whilst the illegitimate births numbered 397. Of the total births, 6,168 occurred in cities and towns, 8,396 in rural districts and 450 on Indian reservations. The births registered in Edmonton numbered 1,945 and in Calgary 1,635.

Marriages registered during the year numbered 4,363, being 203 more than the number for the previous year; this is 101 less than the average of the five preceding years and constitutes a rate of 7.27 per 1,000 population; the marriage rate for Canada during the year 1924 was 7.1. There were 121 brides 16 years of age and under, whilst 1,109 brides were married between the ages of 17 and 19, and 1,795 between the ages of 20 and 24. Twenty brides and 40 grooms were over the age of 60, 8 of these grooms and 1 bride being over 70. The marriages in the cities were as follows: Edmonton 979, Calgary 910, Lethbridge 212, and Medicine Hat 117.

The divorces made absolute during the year numbered 101, this number being 18 less than in the previous year; 59 were granted to husbands and 42 to wives.

Deaths registered during the year, including Indians, numbered 4,717, those of males 2,712 and those of females 2,005. This number is 190 less than in the previous year, and constitutes a death rate of 7.86 per 1,000 population, being a decrease from the previous year of .44. The chief cause of death was disease of the heart, which accounted for 10.28 of the total deaths. There was a large decrease in deaths from contagious diseases, there being none from Smallpox, 62 from Diph-

theria as compared with 102 in the previous year and substantial decreases in Measles, Scarlet Fever and Whooping Cough. There was, however, a slight increase in Influenza.

The following tabular statement shows in order of frequency those causes of death which during or in the two previous years accounted for at least one per cent. of the total deaths. Both the actual numbers and the percentage of each is given together with the figures for the previous two years for purposes of comparison.

	1925		1924		1923	
	Number	Per cent. of Total.	Number	Per cent. of Total.	Number	Per cent. of Total.
Heart Disease .....	458	10.28	405	8.69	363	7.50
Malignant Tumors .....	340	7.63	348	7.47	293	6.05
Pneumonia .....	337	7.56	385	8.26	416	8.58
Violent Deaths .....	328	7.37	305	6.55	330	6.81
Pulmonary Tuberculosis .....	193	4.32	207	4.44	222	4.58
Diseases of the Arteries .....	179	4.02	157	3.37	108	2.23
Nephritis .....	177	3.98	166	3.56	163	3.37
Influenza .....	168	3.77	151	3.24	272	5.62
Diarrhoea and Enteritis .....	143	3.20	136	2.92	208	4.29
Appendicitis .....	111	2.49	136	2.92	125	2.58
Apoplexy .....	86	1.93	90	1.93	95	1.96
Diseases and Accidents of Pregnancy .....	84	1.88	88	1.90	92	1.93
Diphtheria .....	62	1.39	102	2.19	200	2.06
Suicide .....	62	1.39	53	1.14	69	1.42
Whooping Cough .....	43	.97	59	1.27	74	1.53
Scarlet Fever .....	39	.88	48	1.03	44	.91
Measles .....	12	.27	47	1.01	25	.52

The foregoing list comprises 2,822 deaths and amounts to 63 per cent. of the total deaths for the year.

The deaths of white children less than one year of age numbered 1,062, which is an infantile mortality rate of 72.90 per 1,000 births. This is a decrease from the previous year of 9.50, and is 15.94 less than the average of the five preceding years.

The following table gives for purposes of comparison the infantile mortality rate in the undernoted countries during the latest year for which statistics are available.

Canada .....	78.5	Scotland .....	90.6
Alberta .....	72.9	Austria .....	140.6
Nova Scotia .....	94.7	Belgium .....	88.9
New Brunswick .....	102.5	France .....	85.5
Ontario .....	75.8	Norway .....	61.0
Manitoba .....	75.9	Sweden .....	59.6
Saskatchewan .....	75.9	Australia .....	62.2
British Columbia .....	56.7	New Zealand .....	45.1
England .....	75.0	United States .....	71.9

There were 62 deaths by suicide and 8 by murder and manslaughter. Stillbirths numbered 451, an increase of 76 over the preceding year.

DONALD MACKIE,  
*Deputy Registrar General.*

R. B. OWENS,  
*Acting Deputy Minister of Health.*

AREA AND POPULATION OF CITIES AND TOWNS, 1921, 1911  
AND 1901, AS CLASSED IN 1921

CITIES AND TOWNS	Land Area in square miles	Population 1921		1911	1901	Inc. or Dec.	
		Total	Per Square Mile			1921 over 1911	1911 over 1901
Cities .....		147,246		98,940	13,083	53,306	80,857
Calgary .....	40.50	63,305	1,563.08	43,704	4,392	19,601	39,312
Edmonton .....	42.50	58,821	1,384.02	31,064	4,176	27,757	26,888
Lethbridge .....	10.85	11,097	1,022.76	9,035	2,072	2,062	6,963
Medicine Hat .....	17.00	9,634	566.70	5,608	1,570	4,026	4,038
Red Deer .....	1.56	2,323	1,492.30	2,118	323	210	1,795
Wetaskiwin .....	4.00	2,061	515.25	2,411	550	—350	1,861
Towns .....		50,145		34,575	5,428	15,570	29,147
Athabasca .....	2.00	425	212.50	227	268	198	—41
Bassano .....	1.25	799	639.20	540	.....	259	.....
Beverly .....	1.00	1,039	1,039.00	.....	.....	.....	.....
Big Valley .....	0.50	1,057	2,114.00	.....	.....	.....	.....
Blairmore .....	0.78	1,552	1,989.74	1,187	231	415	906
Bow Island .....	0.56	427	762.50	307	.....	120	.....
Brooks .....	1.00	499	499.00	486	.....	13	.....
Camrose .....	3.50	1,892	540.57	1,586	.....	306	.....
Cardston .....	1.33	1,612	1,212.03	1,207	639	405	568
Carmangay .....	1.00	300	300.00	286	.....	14	.....
Castor .....	0.87	710	816.09	1,659	.....	—949	.....
Claresholm .....	1.00	963	963.00	809	.....	154	.....
Coleman .....	0.14	1,590	11,357.14	1,557	.....	33	.....
Coronation .....	2.00	645	322.50	.....	.....	.....	.....
Daysland .....	0.72	441	612.50	349	.....	92	.....
Diamond City .....	0.25	198	792.00	510	.....	—312	.....
Didsbury .....	1.62	842	519.75	726	112	116	614
Drumheller .....	0.34	2,499	7,350.00	.....	.....	.....	.....
Edson .....	14.00	1,138	81.28	497	.....	641	.....
Fort Saskatchewan .....	0.93	982	1,055.91	782	306	200	476
Gleichen .....	0.42	668	1,590.47	583	101	85	482
Granum .....	0.27	279	1,033.33	250	.....	29	.....
Grouard .....	0.46	375	815.21	447	.....	—72	.....
Grande Prairie .....	0.75	1,061	1,414.66	.....	.....	.....	.....
Hanna .....	1.00	1,364	1,364.00	.....	.....	.....	.....
Hardisty .....	2.53	517	204.34	351	.....	166	.....
High River .....	1.01	1,198	1,186.13	1,182	153	16	1,029
Innisfail .....	1.51	941	623.17	602	317	339	285
Irvine .....	1.25	356	284.80	372	.....	—16	.....
Lacombe .....	1.00	1,133	1,133.00	1,029	449	104	530
Leduc .....	0.54	756	1,400.00	523	112	233	411
Lloydminster (pt.) .....	.....	286	.....	222	.....	64	.....
Macleod .....	8.50	1,723	202.70	1,844	796	—121	1,048
Magrath .....	2.35	1,069	454.89	995	424	74	571
Morinville .....	0.78	460	589.74	385	49	75	336
Nanton .....	1.36	710	522.06	571	.....	139	.....
Okotoks .....	0.31	448	1,445.16	516	245	—68	271
Olds .....	1.25	764	611.20	917	218	—153	699
Peace River .....	0.53	980	1,849.06	.....	.....	.....	.....
Pincher Creek .....	0.81	888	1,096.30	1,027	335	—139	692
Ponoka .....	1.00	1,594	1,594.00	642	151	952	491
Raymond .....	4.06	1,394	343.35	1,465	.....	—71	.....
Redcliffe .....	3.75	1,137	303.20	220	.....	917	.....
Staveley .....	1.34	292	217.91	245	.....	47	.....
Stettler .....	3.75	1,416	277.60	1,444	.....	—28	.....
St. Albert .....	2.34	800	341.88	614	472	186	142
Stony Plain .....	1.86	360	193.55	505	.....	—145	.....
Strathmore .....	1.13	584	516.81	531	.....	53	.....
Taber .....	3.01	1,705	566.44	1,400	.....	305	.....
Tofield .....	1.92	500	260.42	586	.....	—86	.....
Vegreville .....	0.18	1,479	8,216.66	1,029	.....	450	.....
Vermilion .....	2.53	1,272	502.77	625	.....	647	.....
Vulcan .....	0.34	641	1,885.29	.....	.....	.....	.....
Wainwright .....	1.75	975	557.14	788	.....	187	.....
Youngstown .....	0.37	410	1,108.11	.....	.....	.....	.....

POPULATION OF INCORPORATED VILLAGES OF ALBERTA,  
1921, 1911 AND 1901, AS CLASSED IN 1921

VILLAGES	1921	1911	1901	VILLAGES	1921	1911	1901
All Villages .....	25,513	8,714	552				
Acme .....	137	181	.....	Hughenden .....	173	.....	.....
Airdrie .....	160	164	.....	Innisfree .....	226	100	.....
Anderson .....	111	.....	.....	Irricana .....	99	.....	.....
Alix .....	282	267	.....	Irma .....	157	.....	.....
Alliance .....	246	.....	.....	Islay .....	166	90	.....
Alberta Beach .....	75	.....	.....	Jenner .....	98	.....	.....
Barons .....	253	75	.....	Killam .....	394	197	.....
Bashaw .....	133	.....	.....	Kitscoty .....	274	.....	.....
Bawlf .....	150	270	.....	Lamont .....	419	197	.....
Bentley .....	222	.....	.....	Langdon .....	128	159	.....
Bittern Lake .....	48	.....	.....	Lavoy .....	98	127	60
Blackie .....	204	.....	.....	Legal .....	318	.....	.....
Blackfalds .....	93	150	.....	Lomond .....	194	.....	.....
Botha .....	130	.....	.....	Lougheed .....	256	.....	.....
Bowden .....	222	178	12	Lac La Biche .....	75	.....	.....
Bruderheim .....	255	132	.....	Mannville .....	275	169	.....
Burdett .....	182	.....	.....	Millet .....	208	162	.....
Beiseker .....	183	.....	.....	Milk River .....	181	.....	.....
Cadogan .....	106	.....	.....	Mirror .....	381	.....	.....
Carstairs .....	328	270	20	Monarch .....	41	.....	.....
Carbon .....	312	.....	.....	Monitor .....	149	.....	.....
Cayley .....	135	126	.....	Mundare .....	497	152	.....
Cereal .....	180	.....	.....	Munson .....	207	92	.....
Champion .....	338	.....	.....	Minburn .....	175	.....	.....
Chauvin .....	219	.....	.....	Morrin .....	164	.....	.....
Chipman .....	225	.....	.....	New Norway .....	137	61	.....
Chinook .....	241	.....	.....	North Red Deer .....	325	304	.....
Clairmont .....	130	.....	.....	Nobleford .....	142	.....	.....
Clive .....	232	.....	.....	Ohaton .....	60	55	.....
Clyde .....	154	.....	.....	Oyen .....	390	.....	.....
Coalhurst .....	928	.....	.....	Penhold .....	127	94	.....
Cochrane .....	268	395	92	Pincher City .....	73	116	.....
Coaldale .....	142	.....	.....	Provost .....	465	329	.....
Commerce .....	360	.....	.....	Retlaw .....	154	.....	.....
Consort .....	166	.....	.....	Richdale .....	109	.....	.....
Cowley .....	107	142	.....	Rocky Mt. House .....	375	.....	.....
Crossfield .....	211	262	.....	Ryley .....	242	110	.....
Czar .....	71	.....	.....	Rumsey .....	116	.....	.....
Craigmyle .....	231	.....	.....	Rockyford .....	228	.....	.....
Delburne .....	215	.....	.....	Rimbey .....	319	.....	.....
Delia .....	312	.....	.....	Rosebud .....	130	.....	.....
Donalda .....	248	.....	.....	Sedgewick .....	397	331	.....
Duchess .....	116	.....	.....	Spirit River .....	210	.....	.....
Edgerton .....	176	.....	.....	Stirling .....	294	514	349
Empress .....	394	.....	.....	Strome .....	240	192	.....
Entwistle .....	219	140	.....	St. Paul de Metis .....	869	.....	.....
Erskine .....	198	131	.....	Suffield .....	89	.....	.....
Enchant .....	92	.....	.....	Sylvan Lake .....	180	.....	.....
Ferintosh .....	144	76	.....	Seba Beach .....	35	.....	.....
Frank .....	401	806	19	Three Hills .....	471	.....	.....
Forestburg .....	181	.....	.....	Trochu .....	537	353	.....
Gadsby .....	150	213	.....	Veteran .....	157	.....	.....
Galahad .....	124	.....	.....	Viking .....	357	153	.....
Grassy Lake .....	161	247	.....	Wabamun .....	99	.....	.....
Heisler .....	118	.....	.....	Westlock .....	321	.....	.....
Halkirk .....	146	.....	.....	Walsh .....	74	.....	.....
Holden .....	192	111	.....	Warner .....	281	321	.....





## BIRTHS IN DIVISIONS FOR THE YEAR 1925—BY SEX AND NATIONALITY OF PARENTS—Continued

DIVISIONS		Male	Female	Illegitimate	Plural	Canadian	British	U.S.A.	Foreign	Indians	Total
<b>DIVISION NO. 6. CALGARY</b>											
	Total	1263	1282	96	60	787	825	444	430	59	2545
	Rural	441	410	13	25	224	195	223	209	0	851
	Urban	798	837	78	35	563	630	221	221	0	1635
	Indians	24	35	5	0	0	0	0	0	59	59
	City of Calgary	798	837	78	35	563	630	221	221	0	1635
<b>DIVISION NO. 7. BATTLE RIVER</b>											
	Total	479	402	4	15	273	160	239	209	0	881
	Rural	479	402	4	15	273	160	239	209	0	881
<b>DIVISION NO. 8. RED DEER</b>											
	Total	669	610	24	41	357	237	389	251	45	1279
	Rural	376	352	6	24	199	136	236	157	0	728
	Urban	273	233	10	15	158	101	153	94	0	506
	Indians	20	25	8	2	0	0	0	0	45	45
	City of Red Deer	44	50	6	3	39	26	19	10	0	94
	Wetaskiwin	61	43	2	1	23	11	30	40	0	104
	Town of Big Valley	20	16	0	2	4	13	9	10	0	36
	Camrose	51	42	0	4	29	19	29	16	0	93
	Lacombe	49	39	0	4	32	16	36	4	0	88
	Ponoka	36	22	2	1	15	10	22	11	0	58
	Stettler	12	21	0	0	16	6	8	3	0	33
<b>DIVISION NO. 9. ROCKY MOUNTAIN</b>											
	Total	170	168	9	6	68	76	101	91	2	338
	Rural	169	167	8	6	68	76	101	91	0	336
	Indians	1	1	1	0	0	0	0	0	2	2
<b>DIVISION NO. 10. VICTORIA</b>											
	Total	738	733	18	16	298	109	107	955	2	1471
	Rural	619	618	15	11	219	71	79	868	0	1237
	Urban	117	115	3	5	79	38	28	87	0	232
	Indians	2	0	0	0	0	0	0	0	2	2
	Town of Vegreville	77	80	1	5	47	16	19	75	0	157
	Vermilion	40	35	2	0	32	22	9	12	0	75
<b>DIVISION NO. 11. EDMONTON</b>											
	Total	1439	1370	130	60	945	768	393	681	22	2809
	Rural	434	384	9	20	256	93	132	337	0	818
	Urban	995	974	117	40	689	675	261	344	0	1969
	Indians	10	12	4	0	0	0	0	0	22	22
	City of Edmonton	986	959	117	38	688	669	259	329	0	1945
	Town of Beverly	9	15	0	2	1	6	2	15	0	24
<b>DIVISION NO. 12. EDSON</b>											
	Total	121	112	4	10	49	61	41	81	1	233
	Rural	100	93	3	8	42	48	36	67	0	193
	Urban	20	19	1	2	7	13	5	14	0	39
	Indians	1	0	0	0	0	0	0	0	1	1
	Town of Edson	20	19	1	2	7	13	5	14	0	39

DIVISION No. 13.—BEAVER RIVER	326	314	23	22	187	29	68	263	93	640
Rural	283	264	12	20	187	29	68	263	0	547
Indians	43	50	11	2	0	0	0	0	93	93
DIVISION No. 14. STURGEON	393	404	9	8	202	86	133	374	2	797
Rural	393	402	9	8	202	86	133	374	0	795
Indians	0	2	0	0	0	0	0	0	2	2
DIVISION No. 15. CLEARWATER	80	69	15	7	52	6	17	18	93	149
Rural	47	46	1	7	52	6	17	18	0	93
Indians	33	23	14	0	0	0	0	0	0	56
DIVISION No. 16. PEACE RIVER	175	152	5	8	129	67	64	60	7	327
Rural	128	112	2	6	86	49	53	52	0	240
Urban	42	38	2	2	43	18	11	8	0	80
Indians	5	2	1	0	0	0	0	0	7	7
Town of Grande Prairie	42	38	2	2	43	18	11	8	0	80
DIVISION No. 17. ATHABASCA	81	65	16	6	40	3	5	5	93	146
Rural	25	28	3	4	40	3	5	5	0	53
Indians	56	37	13	2	0	0	0	0	93	93

Where Nationality of the parents is mixed that of the Father is taken.

BIRTHS IN DIVISIONS FOR THE YEAR 1925—BY MONTHS.

DIVISIONS	CALENDAR MONTH												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
<b>ALBERTA</b> .....	1243	1177	1321	1341	1269	1265	1292	1249	1227	1188	1221	1221	15014
Rural .....	730	643	745	730	716	692	706	677	690	674	721	672	8396
Urban .....	474	497	532	570	519	541	555	543	487	482	460	508	6168
Indians .....	39	37	44	41	34	32	31	29	50	32	40	41	450
<b>DIVISION No. 1. MEDICINE HAT</b> .....	74	52	55	57	61	45	58	59	52	59	51	63	686
Rural .....	23	16	20	20	21	16	18	23	17	17	21	22	234
Urban .....	51	36	35	37	40	29	40	36	35	42	30	41	452
City of Medicine Hat .....	30	28	29	35	38	21	37	27	31	32	28	32	372
Town of Taber .....	12	8	6	2	7	8	3	9	4	10	2	9	80
<b>DIVISION No. 2. MACLEOD</b> .....	110	110	121	115	114	121	104	103	109	102	99	105	1313
Rural .....	48	37	43	29	43	36	40	34	37	38	32	35	452
Urban .....	59	64	71	79	65	75	57	64	70	63	62	64	793
Indians .....	3	9	7	7	6	10	7	5	2	1	5	6	68
City of Lethbridge .....	36	35	39	34	25	31	28	32	35	34	32	32	393
Town of Blairmore .....	8	5	1	5	3	5	3	3	10	5	2	2	47
Cardston .....	9	10	12	19	14	16	16	10	12	13	17	9	157
Coleman .....	4	5	4	10	7	11	4	5	4	5	4	6	68
Macleod .....	3	3	4	2	8	3	1	7	6	2	2	8	44
Magrath .....	0	2	7	3	3	2	1	5	2	3	3	6	38
Raymond .....	4	4	4	6	5	7	4	2	1	1	2	6	46
<b>DIVISION No. 3. BOW</b> .....	34	29	31	20	32	30	28	31	29	25	25	25	339
Rural .....	34	28	27	18	30	27	26	28	27	21	25	25	316
Urban .....	0	1	4	2	2	3	2	3	2	4	0	0	23
Town of Redcliffe .....	0	1	4	2	2	3	2	3	2	4	0	0	23
<b>DIVISION No. 4. NANTON</b> .....	33	24	18	35	16	25	39	37	39	28	30	25	349
Rural .....	28	18	14	29	11	20	25	23	28	23	25	24	268
Urban .....	5	6	4	6	5	5	14	14	11	5	5	1	81
Town of High River .....	5	6	4	6	5	5	14	14	11	5	5	1	81
<b>DIVISION No. 5. ACADIA</b> .....	73	58	57	50	66	47	73	62	57	50	66	53	712
Rural .....	46	30	33	28	26	25	37	26	22	20	30	26	354
Urban .....	27	28	24	22	40	22	37	36	35	30	30	27	358
Town of Drumbeller .....	19	15	17	14	27	11	21	26	22	20	26	15	233
Hanna .....	8	13	7	8	13	11	16	10	13	10	4	12	125

<b>DIVISION No. 6. CALGARY</b> .....	<b>Total</b> .....	195	211	239	191	226	239	197	225	196	214	215	2545
Rural.....		64	81	74	64	70	74	55	73	74	90	73	851
Urban.....		128	142	152	125	151	162	139	134	119	122	138	1635
Indians.....		3	5	6	2	5	3	3	18	3	2	4	59
City of Calgary.....		128	142	152	125	151	162	139	134	119	122	138	1635
<b>DIVISION No. 7. BATTLE RIVER</b> .....	<b>Total</b> .....	69	81	62	86	89	80	76	80	61	75	69	881
Rural.....		69	81	62	86	89	80	76	80	61	75	69	881
<b>DIVISION No. 8. RED DEER</b> .....	<b>Total</b> .....	101	118	110	130	108	110	108	108	91	94	98	1279
Rural.....		56	70	63	79	57	63	55	64	57	56	45	728
Urban.....		35	41	44	49	48	45	49	38	30	35	51	506
Indians.....		10	4	3	2	3	2	4	6	4	3	2	45
City of Red Deer.....		7	7	9	12	16	8	6	7	7	8	9	94
Wetaskiwin.....		10	2	9	8	15	9	17	6	4	6	11	104
Big Valley.....		1	3	5	2	8	5	5	3	2	0	1	86
Camrose.....		5	9	10	7	9	10	7	7	5	6	7	93
Lacombe.....		5	9	9	4	9	9	7	8	9	10	10	88
Ponoka.....		4	4	4	5	5	4	6	4	3	3	10	58
Stettler.....		3	4	5	7	2	0	1	3	0	2	3	33
<b>DIVISION No. 9. ROCKY MOUNTAIN</b> .....	<b>Total</b> .....	30	35	33	34	21	36	26	22	34	24	24	338
Rural.....		29	35	33	34	21	35	26	22	34	24	24	336
Indians.....		1	0	0	0	0	1	0	0	0	0	0	2
<b>DIVISION No. 10. VICTORIA</b> .....	<b>Total</b> .....	125	158	132	123	125	120	119	118	115	110	106	1471
Rural.....		112	136	111	98	107	98	96	104	95	93	87	1237
Urban.....		13	20	21	25	18	21	22	14	20	17	19	232
Indians.....		0	0	0	0	0	1	1	0	0	0	0	2
Town of Vegreville.....		8	10	13	19	12	14	14	7	15	12	13	157
Vermilion.....		5	10	2	6	6	7	8	7	5	5	6	75
<b>DIVISION No. 11. EDMONTON</b> .....	<b>Total</b> .....	211	245	277	235	236	227	228	206	240	229	229	2809
Rural.....		66	62	78	74	60	60	65	60	74	76	71	818
Urban.....		145	180	195	160	173	167	161	145	165	153	156	1969
Indians.....		0	3	4	1	3	0	2	1	1	0	2	22
City of Edmonton.....		143	179	193	157	171	167	160	143	163	148	153	1945
Town of Beverly.....		2	1	2	3	2	0	1	2	2	5	3	24
<b>DIVISION No. 12. EDSON</b> .....	<b>Total</b> .....	21	20	14	19	23	21	22	16	18	18	23	233
Rural.....		17	17	11	17	15	17	16	14	18	14	22	193
Urban.....		4	3	3	2	8	4	6	2	0	3	1	39
Indians.....		0	0	0	0	0	0	0	0	0	1	0	1
Town of Edson.....		4	3	3	2	8	4	6	2	0	3	1	39
<b>DIVISION No. 13. BEAVER RIVER</b> .....	<b>Total</b> .....	63	61	60	45	47	42	47	59	51	60	52	640
Rural.....		54	54	52	35	43	39	42	47	45	52	40	547
Indians.....		9	7	8	10	4	3	5	12	6	8	12	93
<b>DIVISION No. 14. STURGEON</b> .....	<b>Total</b> .....	54	63	59	62	74	68	86	60	74	64	73	797
Rural.....		54	60	63	59	62	67	86	60	73	64	73	795
Indians.....		0	3	0	0	0	1	0	0	1	0	0	2

## BIRTHS IN DIVISIONS FOR THE YEAR 1925—BY MONTHS—Continued

DIVISIONS	CALENDAR MONTH												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
<b>DIVISION No. 15. CLEARWATER</b> .....	9	14	11	25	11	9	15	11	9	8	16	11	149
Rural .....	6	12	5	20	7	6	8	7	6	3	7	6	93
Indians .....	3	2	6	5	4	3	7	4	3	5	9	5	56
<b>DIVISION No. 16. PEACE RIVER</b> .....	28	17	24	31	32	31	21	28	24	22	29	40	327
Rural .....	20	11	17	21	25	22	15	15	23	17	26	28	240
Urban .....	7	6	6	9	6	9	6	13	1	4	3	10	80
Indians .....	1	0	1	1	1	0	0	0	0	1	0	2	7
Town of Grande Prairie .....	7	6	9	9	6	9	6	13	1	4	3	10	80
<b>DIVISION No. 17. ATHABASCA</b> .....	13	9	15	14	12	8	11	9	14	14	17	10	146
Rural .....	4	4	4	7	4	4	5	4	6	4	5	2	53
Indians .....	9	5	11	7	8	4	6	5	8	10	12	8	93

MARRIAGES—COUNTRY OF BIRTH OF CONTRACTING PARTIES  
(FOR THE WHOLE PROVINCE)

	BRIDEGROOMS													
	English-Speaking Countries				Foreign Countries						Total			
	Canadian	British	U.S.A.	Total	France	Germany	Russia	Poland	Scandinavia	Central Europe		Balkans	Asia	Others
1895	917	300	413	1630	7	12	45	92	26	70	2	1	10	1895
841	232	451	108	791	0	3	2	1	23	5	2	2	12	841
877	311	126	353	790	1	7	22	2	32	12	0	1	10	877
<b>3613</b>	<b>1460</b>	<b>877</b>	<b>875</b>	<b>3211</b>	<b>8</b>	<b>22</b>	<b>69</b>	<b>95</b>	<b>81</b>	<b>87</b>	<b>4</b>	<b>4</b>	<b>32</b>	<b>3613</b>
23	5	5	4	14	3	0	0	0	0	2	1	0	3	23
53	8	5	10	23	0	15	5	1	2	3	1	0	3	53
134	16	2	16	34	0	2	79	8	0	6	1	0	4	134
169	16	1	3	20	0	1	14	119	1	14	0	0	0	169
91	6	8	27	41	0	1	1	0	45	2	0	0	1	91
109	10	4	4	18	1	1	9	7	0	72	1	0	0	109
8	0	0	0	0	0	0	0	0	0	0	8	0	0	8
7	0	0	0	0	0	0	0	0	1	0	0	6	0	7
64	9	2	5	16	2	0	0	0	1	0	0	0	44	64
92	0	0	0	0	0	0	0	0	0	0	0	0	92	92
<b>4363</b>	<b>1530</b>	<b>904</b>	<b>944</b>	<b>3377</b>	<b>14</b>	<b>42</b>	<b>178</b>	<b>230</b>	<b>131</b>	<b>186</b>	<b>16</b>	<b>10</b>	<b>179</b>	<b>4363</b>

All British and Europeans born in Asiatic, African or South American countries are classified to their country of parentage.

MARRIAGES—COUNTRY OF BIRTH OF CONTRACTING PARTIES  
CITY OF EDMONTON

	BRIDEGROOMS													
	English-Speaking Countries				Foreign Countries									
	Canadian	British	U.S.A.	Total	France	Germany	Russia	Poland	Scandinavia	Central Europe	Balkans	Asia	Others	Total
433	208	78	74	360	1	6	12	27	10	11	2	0	4	433
227	67	118	27	212	0	0	1	0	6	1	1	2	4	227
151	71	28	42	141	0	0	2	0	5	1	0	0	2	151
<b>809</b>	<b>344</b>	<b>224</b>	<b>143</b>	<b>711</b>	<b>1</b>	<b>6</b>	<b>15</b>	<b>27</b>	<b>21</b>	<b>13</b>	<b>3</b>	<b>2</b>	<b>10</b>	<b>809</b>
6	0	0	2	2	0	0	0	0	0	1	1	0	2	6
17	1	2	2	5	0	5	2	1	1	1	1	0	1	17
34	6	2	2	10	0	0	20	3	0	1	0	0	0	34
53	4	0	1	5	0	0	7	37	0	4	0	0	0	53
20	0	2	5	7	0	1	0	0	10	0	0	0	0	20
16	0	1	2	3	1	0	2	1	0	8	1	0	0	16
3	0	0	0	0	0	0	0	0	0	0	3	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	2	0	2
17	3	1	3	7	0	0	0	0	0	0	0	0	10	17
<b>979</b>	<b>358</b>	<b>232</b>	<b>160</b>	<b>752</b>	<b>2</b>	<b>12</b>	<b>46</b>	<b>69</b>	<b>32</b>	<b>29</b>	<b>5</b>	<b>4</b>	<b>24</b>	<b>979</b>

All British and Europeans born in Asiatic, African or South American countries are classified to their country of parentage.



MARRIAGES—COUNTRY OF BIRTH OF CONTRACTING PARTIES  
CITY OF CALGARY

BRIDES		BRIDEGRROOMS													
		English-Speaking Countries				Foreign Countries									Total
		Canadian	British	U.S.A.	Total	France	Germany	Russia	Poland	Scandinavia	Central Europe	Balkans	Asia	Others	
377	94	63	362	0	0	5	2	3	3	0	1	1	1	1	377
292	178	24	278	0	0	0	1	7	1	1	1	0	0	4	292
154	31	52	136	0	1	4	0	6	4	0	0	1	1	2	154
<b>823</b>	<b>303</b>	<b>139</b>	<b>776</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>3</b>	<b>16</b>	<b>8</b>	<b>1</b>	<b>2</b>	<b>7</b>			<b>823</b>
6	3	0	4	1	0	0	0	0	0	0	0	0	0	1	6
4	1	0	1	0	2	0	0	0	0	0	0	0	0	0	4
26	1	3	4	0	0	17	2	0	1	1	1	1	0	1	26
3	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3
28	1	2	11	0	0	0	1	16	1	0	0	0	0	0	28
10	2	1	4	0	0	1	0	0	5	0	0	0	0	0	10
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
8	0	1	3	0	0	0	0	1	0	0	0	0	0	4	8
<b>910</b>	<b>311</b>	<b>152</b>	<b>803</b>	<b>1</b>	<b>3</b>	<b>28</b>	<b>6</b>	<b>33</b>	<b>17</b>	<b>2</b>	<b>4</b>	<b>13</b>			<b>910</b>

All British and Europeans born in Asiatic, African or South American countries are classified to their country of parentage.

MARRIAGES—COUNTRY OF BIRTH OF CONTRACTING PARTIES  
 COMBINED FOR THE CITIES OF LETHBRIDGE, MEDICINE HAT, RED DEER, WETASKIWIN AND TOWN OF DRUMHELLER

	BRIDEGROOMS													
	English-Speaking Countries				Foreign Countries									
	Canadian	British	U.S.A.	Total	France	Germany	Russia	Poland	Scandinavia	Central Europe	Balkans	Asia	Others	Total
186	79	33	58	170	0	1	6	2	1	4	0	0	2	186
94	28	53	9	90	0	0	0	0	1	1	0	0	0	94
132	36	20	58	114	0	2	8	0	2	4	0	0	2	132
<b>412</b>	<b>143</b>	<b>106</b>	<b>125</b>	<b>374</b>	<b>0</b>	<b>3</b>	<b>14</b>	<b>2</b>	<b>4</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>412</b>
2	0	0	1	1	1	0	0	0	0	0	0	0	0	2
5	0	1	1	2	0	2	1	0	0	0	0	0	0	5
24	2	0	3	5	0	0	17	0	0	1	0	0	1	24
13	0	0	0	0	0	0	2	9	1	1	0	0	0	18
10	0	1	4	5	0	0	0	0	5	0	0	0	0	10
12	0	0	1	1	0	0	1	1	0	9	0	0	0	12
2	0	0	0	0	0	0	0	0	0	0	2	0	0	2
1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
11	0	0	0	0	0	0	1	0	0	0	0	0	10	11
<b>492</b>	<b>145</b>	<b>108</b>	<b>135</b>	<b>388</b>	<b>1</b>	<b>5</b>	<b>36</b>	<b>12</b>	<b>10</b>	<b>20</b>	<b>2</b>	<b>1</b>	<b>17</b>	<b>492</b>

All British and European\* born in Asiatic, African or South American countries are classified to their country of parentage.



MARRIAGES BY RELIGIOUS DENOMINATIONS IN DIVISIONS FOR THE YEAR 1925—Continued

VITAL STATISTICS BRANCH

RELIGIOUS DENOMINATIONS OF THE CONTRACTING PARTIES

DIVISIONS	Sex	RELIGIOUS DENOMINATIONS OF THE CONTRACTING PARTIES													Total		
		Presbyterian	United Church	Anglican	Roman Catholic	Ruthenian Grk Catholic	Greek Orthodox	Lutheran	Baptist	Methodist	Mormon	Mennonite	Salvation Army	Others		No Church	
DIVISION No. 3. BOW	Total	8	9	7	4	—	—	8	3	5	1	—	—	—	5	2	52
	Rural	7	4	9	3	—	—	9	5	7	2	—	—	—	4	2	52
	Urban	5	4	4	4	—	—	8	3	3	1	—	—	—	5	2	46
	Town of Redcliffe	2	1	3	3	—	—	1	—	—	—	—	—	—	—	—	6
DIVISION No. 4. NANTON	Total	22	12	10	8	—	1	4	5	13	—	—	—	—	7	1	84
	Rural	18	11	8	7	—	1	3	3	13	—	—	—	—	7	1	84
	Urban	23	17	6	6	—	—	1	2	12	—	—	—	—	4	—	72
	Town of High River	3	1	2	1	—	—	1	2	—	—	—	—	—	—	—	12
DIVISION No. 5. ACADIA	Total	24	16	12	21	3	2	16	6	24	—	—	—	—	4	1	129
	Rural	5	10	3	5	—	1	8	2	11	—	—	—	—	7	1	129
	Urban	19	6	9	16	3	1	5	4	13	—	—	—	—	1	—	45
	Town of Drumheller	22	3	9	14	3	1	4	6	9	—	—	—	—	6	1	84
DIVISION No. 6. CALGARY	Total	306	120	214	101	4	6	84	60	92	3	15	5	56	17	1083	
	Rural	37	24	23	15	—	2	16	7	19	—	8	2	17	3	1083	
	Urban	269	96	191	86	4	4	68	53	73	3	7	3	39	14	173	
	City of Calgary	238	86	189	92	5	1	71	65	95	3	6	7	44	10	910	
DIVISION No. 7. BATTLE RIVER	Total	22	31	21	29	2	1	24	5	12	1	—	—	7	4	160	
	Rural	19	24	21	31	2	1	23	7	20	1	—	—	7	4	160	
	Urban	22	31	21	29	2	1	24	5	12	1	—	—	7	4	160	
	Hanna	6	3	—	4	—	—	2	1	4	5	—	—	—	—	—	23

DIVISION No. 8. RED DEER .....	M	70	54	49	46	11	2	68	22	42	1				14	4	383
Rural .....	F	60	57	47	51	11	1	65	24	40	1				20	4	333
Urban .....	M	21	16	12	17	4	1	20	1	15					4	1	111
City of Red Deer .....	F	20	19	14	18	4	1	11	1	16					4	2	111
Wetaskiwin .....	M	49	38	37	48	7	1	48	27	37					10	3	272
Town of Big Valley .....	F	40	38	33	33	7		54	23	24					16	2	272
Camrose .....	M	21	9	11	14	1		6	5	4					2	1	72
Lacombe .....	F	19	7	9	10	2		12	6	4					2	1	72
Ponoka .....	M	3	4	5	2			10	2	2					3		30
Stettler .....	F	4	4	1	1			9	2	2					8		30
DIVISION No. 9. ROCKY MOUNTAIN .....	M	2	1	2	1	1											10
Rural .....	F	1	1	3	3	1	1										10
Urban .....	M	9	9	8	2	5		26	6	5					3	1	75
City of Red Deer .....	F	7	7	8	8	4		25	6	4					5	1	75
Urban .....	M	5	9	2	3			1	5	7	1				4		37
Rural .....	F	4	4	4	3			2	6	7	1				8		37
Urban .....	M	5	3	1	1			2	2	1					1	1	13
City of Red Deer .....	F	4	4	1	3			3	3	2							13
Urban .....	M	5	4	8	4			8	2	4							35
City of Red Deer .....	F	5	3	7	5			5	3	4					3		35
DIVISION No. 9. ROCKY MOUNTAIN .....	M	7	2	9	10		2	3	3	3					2		41
Rural .....	F	9	5	9	10		2	4	4	4					2		41
Urban .....	M	7	2	9	10		2	3	3	3					2		41
City of Red Deer .....	F	5	5	5	9		2	1	4	4					2		41
DIVISION No. 10. VICTORIA .....	M	14	18	12	28	111	77	9	3	11					7	1	291
Rural .....	F	12	21	13	28	117	75	9	1	9					5	1	291
Urban .....	M	11	11	7	18	100	75	8	3	8					6		247
City of Edmonton .....	F	9	12	8	16	106	73	9	1	7					5	1	247
Urban .....	M	3	7	5	10	11	2	1		3					1	1	44
Rural .....	F	3	9	5	12	11	2			2					1	1	44
City of Vegreville .....	M	2	4	1	6	6	2			2					1		25
Rural .....	F	2	5	4	8	7	2			1							19
Urban .....	M	1	3	4	5	5	4	1		1							19
City of Vegreville .....	F	1	4	5	4	4				1							19
DIVISION No. 11. EDMONTON .....	M	231	87	157	155	62	49	107	52	104	1	1			53	42	1106
Rural .....	F	208	94	162	173	66	44	132	50	100	1	2			51	18	1106
Urban .....	M	16	11	5	30	5	5	28	7	7					9		124
City of Edmonton .....	F	7	14	5	32	4	5	33	9	8					6		124
Rural .....	M	215	76	152	125	57	44	79	45	97	1	1			5	44	982
Urban .....	F	201	80	157	141	62	39	99	41	92	1	1			5	45	982
City of Edmonton .....	M	214	76	151	125	57	44	79	45	96	1	1			5	44	979
Rural .....	F	200	80	157	141	62	39	99	41	90	1	1			5	45	979
City of Edmonton .....	M	1	1	1	1					1							3
Urban .....	F	1	1	1	1					2							3
DIVISION No. 12. EDSON .....	M	3	5	5	6	1	2	2	2	6							32
Rural .....	F	2	6	7	10	1	2	2	1	1							32
Urban .....	M	1	1	2	5	8		2	2	4							16
City of Edson .....	F	2	4	3	8	1	2	2	1	2							16
Rural .....	M	2	5	2	2	1	1	1	1	2							16
Urban .....	F	2	4	3	8	1	2	2	1	2							16
City of Edson .....	M	2	5	2	2	1	1	1	1	2							16
Rural .....	F	2	4	3	8	1	2	2	1	2							16





MARRIAGES BY AGES IN DIVISIONS, FOR THE YEAR 1925—Continued

DIVISIONS		Sex	Under 16	16-17-	18-	19-	20-	21-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	Total
DIVISION No. 3. BOW		Total	1	1	1	1	1	1	26	3	4	1	1	1	1	1	1	1	52
	Rural	M	1	1	1	1	1	1	17	3	4	1	1	1	1	1	1	1	52
		F	1	1	1	1	1	1	17	1	1	1	1	1	1	1	1	1	46
	Urban	M	1	1	1	1	1	1	13	1	1	1	1	1	1	1	1	1	46
		F	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	6
	Town of Redcliff	M	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	6
		F	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	6
DIVISION No. 4. NANTON		Total	2	2	4	9	7	22	28	12	11	3	1	4	1	1	1	1	84
	Rural	M	2	2	4	1	2	9	34	10	11	3	1	4	1	1	1	1	84
		F	2	2	4	1	2	3	10	4	7	2	1	3	1	1	1	1	72
	Urban	M	1	1	4	6	6	19	25	12	5	2	1	3	1	1	1	1	72
		F	1	1	4	6	6	30	9	3	3	1	1	1	1	1	1	1	12
	Town of High River	M	1	1	1	1	1	4	3	1	4	1	1	1	1	1	1	1	12
		F	1	1	1	1	1	3	3	1	3	1	1	1	1	1	1	1	12
DIVISION No. 5. ACADIA		Total	2	2	3	14	13	32	39	23	15	7	5	1	1	1	1	1	129
	Rural	M	2	2	3	1	13	37	14	6	9	1	1	1	1	1	1	1	129
		F	2	2	3	1	12	13	14	9	4	4	1	1	1	1	1	1	45
	Urban	M	1	1	6	4	7	13	7	3	2	2	1	1	1	1	1	1	45
		F	1	1	2	2	1	20	26	14	11	3	4	1	1	1	1	1	84
	Town of Drumheller	M	2	2	7	10	6	24	7	3	7	1	1	1	1	1	1	1	84
		F	2	2	12	10	6	24	20	11	9	2	1	1	1	1	1	1	61
	Hanna	M	1	1	5	11	8	5	18	4	1	6	1	1	1	1	1	1	23
		F	1	1	2	1	2	6	6	3	2	1	3	1	1	1	1	1	23
DIVISION No. 6. CALGARY		Total	1	1	13	15	15	279	331	192	130	58	29	16	11	4	4	4	1083
	Rural	M	1	1	62	72	102	392	212	89	63	22	12	4	4	2	2	2	1083
		F	1	1	2	2	4	59	54	23	17	6	5	1	1	1	1	1	173
	Urban	M	1	1	9	11	20	65	20	10	11	2	1	1	1	1	1	1	173
		F	1	1	1	1	11	220	277	169	113	52	24	16	10	4	4	4	910
	City of Calgary	M	1	1	33	51	82	327	192	79	52	20	11	3	4	1	1	1	910
		F	1	1	11	11	11	220	277	169	113	52	24	16	10	4	4	4	910
DIVISION No. 7. BATTLE RIVER		Total	4	4	1	2	6	39	48	24	22	11	5	1	1	1	1	1	160
	Rural	M	4	4	5	19	18	55	19	7	7	4	2	1	1	1	1	1	160
		F	4	4	1	2	6	39	48	24	22	11	5	1	1	1	1	1	160
		M	4	4	5	19	18	55	19	7	7	4	2	1	1	1	1	1	160
		F	4	4	1	2	6	39	48	24	22	11	5	1	1	1	1	1	160



DIVISION No. 8. RED DEER												383				
	Total	M	F									3				
	Rural	7	13	2	5	117	144	61	29	10	5	2	2	1	3	
	Urban	3	5	13	9	38	43	17	5	4	3	3	2	3	3	
	City of Red Deer	4	8	25	34	107	42	13	4	7	4	2	1	1		
	Wetaskiwin	1	3	5	9	27	17	2	1	2	1	1	1	1		
	Town of Big Valley	1	1	1	4	11	4	2	1	1	1	1	1	1		
	Camrose	2	1	6	8	27	3	12	5	3	1	1	1	1		
	Lacombe	1	1	6	5	15	12	5	2	1	1	1	1	1		
	Ponoka	1	1	2	1	14	4	2	1	1	1	1	1	1		
	Stettler	1	1	4	1	7	14	1	3	1	1	1	1	1		
DIVISION No. 9. ROCKY MOUNTAIN												41				
	Total	3	4	1	4	17	2	5	6	3	1	1	1	1		41
	Rural	3	4	1	4	17	2	5	6	3	1	1	1	1		41
DIVISION No. 10. VICTORIA												291				
	Total	2	19	46	58	128	98	26	16	2	2	2	3	3	1	291
	Rural	1	19	45	49	118	78	20	10	2	2	2	3	3	1	291
	Urban	1	1	1	9	10	20	6	6	1	1	1	2	2	1	247
	Town of Vegreville	1	1	1	4	18	2	3	2	1	1	1	1	1		44
	Vermilion	1	1	1	4	11	1	3	1	1	1	1	1	1		44
DIVISION No. 11. EDMONTON												1106				
	Total	2	24	44	94	250	387	195	122	61	31	17	8	7	3	1106
	Rural	2	24	44	103	377	175	85	47	24	14	8	5	4	2	1106
	Urban	5	12	10	14	17	39	4	1	3	2	2	2	2	3	124
	City of Edmonton	2	19	32	84	222	330	177	114	58	31	14	6	5	3	124
	Town of Beverly	2	19	32	84	219	330	177	114	58	31	14	6	4	1	982
DIVISION No. 12.—EDSON												979				
	Total	1	1	3	6	9	9	2	6	2	2	1	1	1	1	979
	Rural	1	1	3	6	9	9	2	6	2	2	1	1	1	1	979
	Urban	1	1	2	2	4	3	1	3	1	1	1	1	1	1	8
	Town of Edson	1	1	2	4	1	3	2	2	1	1	1	1	1	1	8

MARRIAGES BY AGES IN DIVISIONS, FOR THE YEAR 1925—Continued

DIVISIONS	Sex		Under 16	16-17-	18-	19-	20-	21-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	Total		
	M	F																			
DIVISION No. 13. BEAVER RIVER	Total																				
	Rural																				
		M	F	2	8	19	5	6	30	27	20	8	2	2							100
DIVISION No. 14. STURGEON	Total																				
	Rural																				
		M	F	2	10	15	3	4	42	47	18	8	4	3	4	1					137
DIVISION No. 15. CLEARWATER	Total																				
	Rural																				
		M	F		2	3	1	1	3	3	3	1	1	1							17
DIVISION No. 16. PEACE RIVER	Total																				
	Rural																				
		M	F	1	4	9	2	2	16	15	25	9	5	3	1						82
DIVISION No. 17. ATHABASCA	Total																				
	Rural																				
		M	F	1	3	4	1	1	11	10	22	7	5	2							82
Town of Grande Prairie	Total																				
	Urban																				
		M	F		1	1	1	2	5	5	3	2	3	1	1						61
DIVISION No. 17. ATHABASCA	Total																				
	Rural																				
		M	F	1	1	1	1	1	4	2	1	1	1	1	1						21

MARRIAGES DURING THE YEAR 1925—BY MONTHS

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Edmonton .....	87	67	50	63	51	94	108	82	71	77	107	122	979
Calgary .....	64	51	56	63	51	105	76	75	75	69	97	128	910
Lethbridge .....	10	16	15	13	14	29	13	25	20	22	14	21	212
Medicine Hat .....	9	11	8	11	9	8	10	6	9	9	13	14	117
Red Deer .....	3	6	6	7	6	8	8	4	1	8	5	10	72
Wetaskiwin .....	2	1	2	2	1	5	2	—	5	—	3	7	30
Drumheller .....	5	4	4	4	4	4	1	8	7	5	5	10	61
Rural Districts .....	122	194	115	123	93	197	163	163	111	142	230	237	1890
Indians .....	11	5	5	9	4	9	9	9	8	8	6	9	92
<b>Total</b> .....	<b>313</b>	<b>355</b>	<b>261</b>	<b>295</b>	<b>233</b>	<b>459</b>	<b>390</b>	<b>372</b>	<b>307</b>	<b>340</b>	<b>480</b>	<b>558</b>	<b>4363</b>

## VITAL STATISTICS BRANCH

## DIVORCES

## DIVORCES BY JUDICIAL DISTRICTS FOR THE YEAR 1925.

Judicial Districts	Number of Divorces	Granted to Husband	Granted to Wife
Edmonton .....	53	35	18
Calgary .....	36	17	19
Medicine Hat .....	3	3	—
Lethbridge .....	3	—	3
Red Deer .....	—	—	—
Wetaskiwin .....	2	—	2
Camrose .....	1	1	—
Stettler .....	—	—	—
Hanna .....	1	1	—
Macleod .....	1	1	—
Peace River .....	1	1	—
Grande Prairie .....	—	—	—
<b>Total.....</b>	<b>101</b>	<b>59</b>	<b>42</b>

BIRTH, MARRIAGE AND DEATH RATES, AND RATES OF NATURAL INCREASE PER 1,000 POPULATION  
FROM THE YEAR 1912 TO 1925

	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
Birth Rate .....	26.03	28.47	30.75	28.90	27.87	27.01	25.72	23.95	26.72	27.89	26.44	25.75	24.74	25.02
Marriage Rate .....	11.21	12.12	10.39	9.06	8.53	8.54	6.98	7.90	8.24	7.92	6.99	6.09	7.50	7.27
Death Rate .....	10.71	10.63	9.32	7.73	8.18	8.09	13.86	9.33	9.15	8.39	8.62	8.06	8.30	7.86
Rate of Natural Increase.....	15.32	17.84	21.43	21.26	18.69	18.92	11.86	14.62	17.57	19.50	17.83	18.75	16.42	16.16

DEATHS AND DEATH RATE FROM PUERPERAL CONDITIONS (INDIANS EXCEPTED)

	Births	Deaths from Puerperal Condition	Death Rate Per 1,000 Births
Whole Province .....	14,564	84	5.76
City of Edmonton .....	1,945	10	5.14
City of Calgary .....	1,635	4	2.45
Small Cities .....	1,196	13	10.87
Rural Districts .....	9,788	57	5.82



NUMBER OF DEATHS BY AGE PERIODS FROM SELECTED CAUSES FOR THE WHOLE PROVINCE  
(INDIANS EXCEPTED)

CAUSES OF DEATH	All Ages	Age Periods										80 years and over				
		Under 1 yr.	1-4 years	5-9 years	10-14 years	15-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years		70-79 years			
1 Typhoid Fever .....	27	—	—	3	2	5	8	5	3	1	—	—	—	—	—	—
6 Smallpox .....	12	2	5	5	—	—	—	—	—	—	—	—	—	—	—	—
7 Measles .....	39	35	16	8	4	2	2	—	—	—	—	—	—	—	—	—
8 Scarlet Fever .....	43	35	7	—	—	—	—	—	—	—	—	—	—	—	—	—
9 Whooping Cough .....	62	34	21	24	10	2	1	—	—	—	—	—	—	—	—	—
10 Diphtheria .....	188	84	23	7	4	3	12	18	15	14	11	19	8	—	—	—
11 Influenza .....	8	1	1	2	2	—	—	—	—	—	—	—	—	—	—	—
23 Lethargic Encephalitis .....	20	7	3	3	2	—	—	—	—	—	—	—	—	—	—	—
24 Meningococcus Meningitis .....	3	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—
25 Other Epidemic or Endemic Diseases .....	193	99	33	3	9	20	51	36	32	18	8	4	—	—	—	—
31 Tuberculosis of the Respiratory System .....	16	1	11	1	2	2	2	2	1	—	—	—	—	—	—	—
32 Tubercular Meningitis .....	7	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—
33 Tuberculosis of the Intestines and Peritoneum .....	20	3	1	2	—	—	—	—	—	—	—	—	—	—	—	—
34/37 Other Tuberculous Diseases .....	340	—	1	1	1	5	6	28	52	71	113	55	12	—	—	—
43/49 Malignant Tumors .....	16	—	1	3	4	3	1	2	2	—	—	—	—	—	—	—
51 Acute Rheumatic Fever .....	8	2	3	1	1	1	—	—	—	—	—	—	—	—	—	—
71 Meningitis .....	86	1	1	1	1	—	—	—	—	—	—	—	—	—	—	—
74 Cerebral Hemorrhage, Apoplexy .....	458	3	2	11	7	9	13	26	47	19	22	21	15	—	—	—
87/90 Diseases of the Heart .....	179	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
91 Diseases of the Arteries .....	80	8	—	1	—	—	—	—	—	—	—	—	—	—	—	—
99 Bronchitis .....	337	134	33	18	8	9	9	17	17	21	28	24	19	—	—	—
100/101 Pneumonia (All Forms) .....	41	8	8	1	—	—	—	—	—	—	—	—	—	—	—	—
97/98 & 102/107 Other Diseases of the Respiratory System .....	143	129	14	1	—	—	—	—	—	—	—	—	—	—	—	—
113 Diarrhoea and Enteritis (under 2 years of age) .....	111	10	10	10	13	12	23	12	13	13	4	4	5	—	—	—
117 Appendicitis and Typhitis .....	43	3	5	5	1	1	1	1	2	2	4	1	—	—	—	—
120/24 Other Diseases of the Liver (Not Malignant) .....	177	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
128/29 Nephritis (Acute and Chronic) .....	26	532	8	1	—	—	—	—	—	—	—	—	—	—	—	—
146 Puerperal Septicaemia .....	58	544	—	—	—	—	—	—	—	—	—	—	—	—	—	—
143/45 & 147/50 Other Diseases and Accidents of Pregnancy .....	62	532	8	1	—	—	—	—	—	—	—	—	—	—	—	—
159/62 Diseases of Early Infancy and Malformations .....	62	532	8	1	—	—	—	—	—	—	—	—	—	—	—	—
165/74 Suicides .....	328	12	38	21	28	21	42	48	41	34	4	5	—	—	—	—
175/203 Other Violent Deaths .....	773	81	59	19	16	22	43	74	93	101	104	95	66	—	—	—
Other Defined Diseases .....	77	47	3	1	2	—	—	—	—	—	—	—	—	—	—	—
204/5 Ill-Defined or Unknown .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total.....</b>	<b>4455</b>	<b>1062</b>	<b>277</b>	<b>151</b>	<b>118</b>	<b>118</b>	<b>274</b>	<b>354</b>	<b>393</b>	<b>482</b>	<b>554</b>	<b>443</b>	<b>229</b>	—	—	—

DEATHS IN DIVISIONS, 1925—BY MONTHS (INDIANS EXCEPTED)

DIVISIONS		January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>ALBERTA</b> .....		369	345	417	414	394	351	321	363	349	386	344	402	4455
Rural	.....	189	179	199	201	205	182	168	189	185	199	190	191	2277
Urban	.....	180	166	218	213	189	169	153	174	164	187	154	211	2178
<b>DIVISION No. 1. MEDICINE HAT</b> .....		19	31	24	15	28	18	13	21	15	16	13	24	237
Rural	.....	3	11	6	1	10	7	4	9	6	5	4	7	73
Urban	.....	16	20	18	14	18	11	9	12	9	11	9	17	164
City of Medicine Hat	.....	14	14	14	12	16	10	8	10	7	10	7	16	137
Town of Taber	.....	2	6	4	2	2	1	1	2	2	1	2	2	27
<b>DIVISION No. 2. MACLEOD</b> .....		34	35	46	37	30	42	32	37	33	29	28	45	428
Rural	.....	13	15	16	9	15	5	14	14	13	9	7	11	144
Urban	.....	21	20	30	28	15	34	18	23	20	20	21	34	284
City of Lethbridge	.....	15	12	16	20	7	14	10	7	11	13	15	19	159
Town of Blairmore	.....	2	2	2	2	2	4	2	1	1	1	1	1	12
Cardston	.....	1	2	3	2	2	5	3	5	4	3	1	3	31
Coleman	.....	2	2	2	3	2	7	2	2	4	1	2	5	32
Macleod	.....	1	2	6	1	2	1	1	5	3	2	2	3	27
Magrath	.....	1	1	1	1	1	2	1	1	1	1	1	1	6
Raymond	.....	1	1	2	2	2	1	1	2	1	1	1	3	17
<b>DIVISION No. 3. BOW</b> .....		6	7	6	5	7	4	7	8	7	6	6	8	80
Rural	.....	6	7	6	8	6	4	7	7	6	5	5	7	74
Urban	.....	1	1	1	1	1	1	1	1	1	1	1	1	6
Town of Redcliffe	.....	1	1	1	1	1	1	1	1	1	1	1	1	6
<b>DIVISION No. 4. NANTON</b> .....		18	10	12	4	7	3	11	11	9	11	5	9	107
Rural	.....	11	10	8	3	7	2	10	6	6	8	3	6	80
Urban	.....	7	1	4	1	1	1	2	1	3	3	2	3	27
Town of High River	.....	1	1	4	1	1	1	2	1	3	3	2	3	27
<b>DIVISION No. 5. ACADIA</b> .....		12	5	10	14	11	12	13	24	22	17	21	16	177
Rural	.....	4	2	3	10	5	6	4	14	13	11	14	11	92
Urban	.....	8	3	7	4	6	6	9	10	9	8	7	5	85
Town of Drumheller	.....	5	1	5	2	2	2	6	6	6	5	5	5	57
Town of Hanna	.....	3	2	2	2	4	1	3	2	3	2	2	3	28
<b>DIVISION No. 6. CALGARY</b> .....		63	57	81	90	77	66	56	65	63	72	58	91	839
Rural	.....	15	16	19	28	20	23	22	20	19	20	19	24	245
Urban	.....	48	41	62	62	57	43	34	45	44	52	39	67	594
City of Calgary	.....	48	41	62	62	57	43	34	45	44	52	39	67	594







































Table with columns for disease categories and numerical counts. Includes a section for 'GENERAL DISEASES NOT INCLUDED' and a 'Total' row. The table is organized into vertical columns with corresponding numerical values.

CLASS No. 2. GENERAL DISEASES NOT INCLUDED

Table listing specific diseases such as Cancer, Tuberculosis, and various infectious diseases, with their corresponding counts under the 'GENERAL DISEASES NOT INCLUDED' category.

36 (a) Tuberculosis of the Skin and Subcutaneous Cellular Tissue

(b) Tuberculosis of the Bones (Vertebral Column excepted)

(c) Tuberculosis of the Lymphatic System (Abdominal Glands excepted)

(d) Tuberculosis of the Genito-urinary System

(e) Tuberculosis of Organs other than above

37 (a) Disseminated Tuberculosis, Acute

(b) Disseminated Tuberculosis, Chronic

38 Syphilis

40 Gonococcus Infection

41 Purulent Infection, Septicaemia

42/49 Cancer

43 Cancer and Other Malignant Tumors of the Buccal Cavity

44 Cancer and Other Malignant Tumors of the Stomach and Liver

45 Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum

46 Cancer and Other Malignant Tumors of the Female Genital Organs

47 Cancer and Other Malignant Tumors of the Breast

48 Cancer and Other Malignant Tumors of the Skin

49 Cancer and Other Malignant Tumors of Other or Unspecified Organs

50 Benign Tumors and Tumors not returned as Malignant (Tumors of the Female Genital Organs excepted)

51 Acute Rheumatic Fever

52 Chronic Rheumatism, Osteoarthritis, Gout

54 Pellagra

56 Rickets

57 Diabetes Mellitus

58 (a) Pernicious Anaemia (b) Other Anaemias and Chlorosis

59 Diseases of the Pituitary Gland

60 (a) Exophthalmic Goiter (b) Other Diseases of the Thyroid Gland

62 Diseases of the Thymus

63 Diseases of the Adrenals (Addison's Disease)

64 Diseases of the Spleen

65 (a) Leukaemia (b) Hodgkin's Disease

66 (b) Alcoholism (Acute) (c) Alcoholism (Chronic)

68 (a) Chronic Morphism

69 (a) Diabetes Insipidus (b) Haemophilia

(c) Purpura Haemorrhagica

CAUSES OF DEATH DURING THE YEAR 1925—BY NATIONALITY AND SOCIAL CONDITIONS  
FOR THE WHOLE PROVINCE (INDIANS EXCEPTED)—Continued

CAUSES OF DEATH	CLASS No. 3. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.....Total											
	Canadian	British	U.S.A.	Foreign	Not Stated	Total	Single	Married	Widowed	Divorced	Not Stated	Total
70 Encephalitis .....	127	42	40	42	—	251	90	117	44	—	—	251
71 (a) Simple Meningitis .....	5	—	—	—	—	5	5	—	—	—	—	5
72 Tabes Dorsalis (Locomotor Ataxia) .....	7	—	—	1	—	8	7	1	—	—	—	8
73 (a) Chronic Spinal Muscular Atrophy .....	1	—	—	2	—	3	2	1	—	—	—	3
(b) Primary Lateral Sclerosis .....	2	—	—	—	—	2	—	—	1	—	—	2
(c) Syringomyelia .....	15	3	5	2	—	25	3	18	1	—	—	25
74 (a) Apoplexy .....	16	10	6	9	—	41	4	24	13	—	—	41
(b) Cerebral Hemorrhage .....	14	5	10	16	—	45	3	28	14	—	—	45
(c) Cerebral Thrombosis and Embolism .....	—	—	—	—	—	—	—	—	—	—	—	—
75 (a) Hemiplegia .....	2	1	2	1	—	6	2	2	2	—	—	6
(b) Others under this title .....	7	1	1	3	—	12	2	6	4	—	—	12
76 General Paralysis of the Insane .....	3	6	1	—	—	10	3	7	—	—	—	10
77 Other forms of Mental Alienation .....	2	6	5	—	—	13	5	7	1	—	—	13
78 Epilepsy .....	7	5	2	3	—	17	11	6	—	—	—	17
79 Convulsions (Non-Puerperal) (5 years and over) .....	—	—	—	—	—	—	—	—	—	—	—	—
80 Infantile Convulsions (under 5 years of age) .....	28	—	—	—	—	28	28	—	—	—	—	28
81 Chorea .....	—	—	—	—	—	—	—	—	—	—	—	—
82 Neuralgia and Neuritis .....	—	1	1	—	—	2	—	1	1	—	—	2
83 Softening of the Brain .....	—	1	—	—	—	1	—	1	—	—	—	1
84 Other Diseases of the Nervous System .....	7	3	3	2	—	15	6	6	3	—	—	15
85 Diseases of the Eye and Annexa .....	—	—	—	—	—	—	—	—	—	—	—	—
86 (a) Diseases of the Ear .....	7	—	1	2	—	10	5	5	—	—	—	10
(b) Diseases of the Mastoid Process .....	3	—	3	1	—	7	4	3	—	—	—	7
<b>CLASS No. 4. DISEASES OF THE CIRCULATORY SYSTEM .....</b>	<b>252</b>	<b>172</b>	<b>93</b>	<b>130</b>	<b>7</b>	<b>654</b>	<b>106</b>	<b>371</b>	<b>167</b>	<b>5</b>	<b>5</b>	<b>654</b>
<b>Total .....</b>	<b>252</b>	<b>172</b>	<b>93</b>	<b>130</b>	<b>7</b>	<b>654</b>	<b>106</b>	<b>371</b>	<b>167</b>	<b>5</b>	<b>5</b>	<b>654</b>
87 Pericarditis .....	7	1	—	—	—	8	5	3	—	—	—	8
88 (a) Acute Endocarditis .....	13	4	2	1	—	20	10	7	3	—	—	20
(b) Acute Myocarditis .....	9	2	1	5	—	17	5	5	4	1	—	17
89 Angina Pectoris .....	13	7	5	5	—	30	3	21	5	—	1	30
<b>90 Other Diseases of the Heart..... Total</b>	<b>138</b>	<b>105</b>	<b>51</b>	<b>84</b>	<b>5</b>	<b>383</b>	<b>65</b>	<b>214</b>	<b>98</b>	<b>3</b>	<b>3</b>	<b>383</b>
(a) Chronic Valvular Disease of the Heart .....	34	22	12	20	1	89	11	58	20	—	—	89
(b) Fatty Degeneration of the Heart .....	1	1	1	3	2	8	1	5	1	—	—	8
(c) Aortic Insufficiency .....	—	—	—	—	—	—	—	—	—	—	—	—
(d) Chronic Endocarditis .....	27	20	11	22	1	81	20	39	21	1	—	81
(e) Chronic Myocarditis .....	59	42	18	84	1	145	21	84	38	1	—	145
(f) Other Diseases of the Heart .....	17	20	9	14	—	60	12	28	18	1	1	60

91 (a) Aneurism .....	6	4	1	31	2	11	9	1	1	1	11
(b) Arteriosclerosis .....	59	44	29	—	11	165	98	—	—	—	165
(c) Other Diseases of the Arteries .....	2	1	—	—	2	3	2	—	—	—	3
92 Embolism and Thrombosis .....	3	3	1	—	2	7	4	—	—	—	7
93 Diseases of the Veins (Varices Hemorrhoids, Phlebitis, etc.) .....	3	1	3	3	1	7	5	—	—	—	7
94 Diseases of the Lymphatic System (Lymphangitis, etc.) .....	2	—	—	—	—	2	—	—	—	—	2
95 Hemorrhage without specified cause .....	—	—	—	1	—	1	1	—	—	—	1
<b>CLASS No. 5. DISEASES OF THE RESPIRATORY SYSTEM .....</b>	<b>267</b>	<b>59</b>	<b>29</b>	<b>48</b>	<b>5</b>	<b>408</b>	<b>101</b>	<b>256</b>	<b>45</b>	<b>2</b>	<b>408</b>
97 Diseases of the Nasal Fossae and their annexa .....	—	—	1	—	—	1	1	—	—	—	1
(a) Laryngismus Stridulus .....	7	—	—	—	—	7	1	6	—	—	7
(b) Laryngitis .....	4	—	—	—	—	4	1	—	—	—	4
(c) Croup .....	8	—	—	—	—	8	—	—	—	—	8
(d) Other Diseases of the Larynx .....	7	1	—	1	—	9	4	7	2	—	11
99 (a) Bronchitis (Acute) .....	4	5	—	2	—	11	2	1	5	—	19
(b) Bronchitis (Chronic) .....	2	—	—	—	—	2	2	—	—	—	4
(c) Bronchitis (not otherwise defined under 5 years of age) .....	1	2	2	3	—	8	4	1	—	—	15
(d) Bronchitis (not otherwise defined, 5 years and over) .....	125	13	7	8	—	153	17	125	10	—	153
100 (a) Bronchopneumonia .....	63	26	12	20	4	125	47	61	15	1	125
(b) Capillary Bronchitis .....	43	6	2	8	—	59	14	40	4	1	59
101 (a) Lobar Pneumonia .....	1	1	3	1	—	6	4	2	—	—	6
(b) Pneumonia (not otherwise defined) .....	1	1	1	2	1	6	1	2	3	—	6
102 Pleurisy .....	2	1	1	2	—	6	1	2	—	—	6
103 Congestion and Hemorrhagic Infarct of the Lung .....	4	3	—	3	—	10	6	2	2	—	10
104 Gangrene of the Lung .....	—	—	—	—	—	—	—	—	—	—	—
105 Asthma .....	—	—	—	—	—	—	—	—	—	—	—
106 Pulmonary Emphysema .....	—	—	1	—	—	1	—	—	—	—	1
107 (a) Chronic Interstitial Pneumonia .....	—	—	—	—	—	—	—	—	—	—	—
(b) Diseases of the Mediastinum .....	1	1	—	—	—	2	1	—	—	1	2
(c) Others under this title .....	—	—	—	—	—	—	—	—	—	—	—
<b>CLASS No. 6. DISEASES OF THE DIGESTIVE SYSTEM.....Total</b>	<b>318</b>	<b>72</b>	<b>49</b>	<b>56</b>	<b>2</b>	<b>497</b>	<b>166</b>	<b>245</b>	<b>34</b>	<b>1</b>	<b>497</b>
108 Diseases of the Mouth and Annæa .....	4	—	1	—	—	5	1	2	2	—	5
(a) Adenoid Vegetations .....	12	—	—	—	—	12	—	—	—	—	12
(b) Diseases of the Tonsils and Pharynx .....	7	5	4	8	—	24	17	5	2	—	24
110 Diseases of the Oesophagus .....	8	7	3	2	1	21	12	7	2	1	21
(a) Ulcer of the Stomach .....	15	4	4	4	—	27	13	7	7	—	27
(b) Ulcer of the Duodenum .....	143	—	—	—	—	143	—	—	—	—	143
112 Other Diseases of the Stomach (Cancer excepted) .....	33	7	1	6	—	47	14	28	5	—	47
113 Diarrhoea and Enteritis (under 2 years of age) .....	60	21	17	12	1	111	48	60	3	—	111
114 Diarrhoea and Enteritis (2 years and over) .....	6	5	5	11	—	22	13	5	4	—	22
115 Ankylostomiasis .....	15	7	5	4	—	31	14	16	1	—	31
117 Appendicitis and Typhlitis .....	2	1	1	—	—	4	3	1	—	—	4
(a) Hernia .....	—	—	—	—	—	—	—	—	—	—	—
(b) Intestinal Obstruction .....	—	—	—	—	—	—	—	—	—	—	—
119 Other Diseases of the Intestines .....	—	—	—	—	—	—	—	—	—	—	—
120 Acute Yellow Atrophy of the Liver .....	—	—	—	—	—	—	—	—	—	—	—
121 Hydatid Tumor of the Liver .....	—	—	—	—	—	—	—	—	—	—	—
122 Cirrhosis of the Liver .....	—	—	—	—	—	—	—	—	—	—	—
(a) Specified as Alcoholic .....	—	1	—	—	—	1	—	—	—	—	1
(b) Not Specified as Alcoholic .....	—	2	3	2	—	7	—	—	—	—	7

CAUSES OF DEATH DURING THE YEAR 1925.—BY NATIONALITY AND SOCIAL CONDITIONS  
FOR THE WHOLE PROVINCE (INDIANS EXCEPTED)—Continued

CAUSES OF DEATH	CLASS No. 7. NON-VENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.....Total						CLASS No. 8. THE PUERPERAL STATE.....Total					
	Canadian	British	U.S.A.	Foreign	Not Stated	Total	Canadian	British	U.S.A.	Foreign	Not Stated	Total
123 Biliary Calculi .....	2	3	4	1	—	10	2	3	4	1	—	10
124 Other Diseases of the Liver .....	7	7	4	4	—	22	7	7	4	—	—	22
125 Diseases of the Pancreas .....	1	2	—	1	—	4	1	—	1	—	—	4
126 Peritonitis without specified cause .....	1	—	1	—	—	2	1	1	—	—	—	2
127 Other Diseases of the Digestive System (Cancer and Tuberculosis excepted) .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total</b> .....	<b>86</b>	<b>58</b>	<b>48</b>	<b>51</b>	<b>1</b>	<b>244</b>	<b>86</b>	<b>58</b>	<b>48</b>	<b>51</b>	<b>1</b>	<b>244</b>
<b>CLASS No. 7. NON-VENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.....Total</b>												
128 Acute Nephritis (including Unspecified under 10 years).....	16	1	2	3	—	22	16	1	2	—	—	22
129 Chronic Nephritis (including Unspecified 10 years and over).....	49	43	35	28	—	155	49	43	35	—	—	155
130 Chyluria .....	—	—	—	—	—	—	—	—	—	—	—	—
131 Other Diseases of the Kidneys and Annexa .....	4	2	2	3	1	12	4	2	2	3	1	12
132 Calculi of the Urinary Passages .....	3	—	—	—	—	3	3	—	—	—	—	3
133 Diseases of the Bladder .....	—	—	1	—	—	1	—	1	—	—	—	1
134 (a) Stricture of the Urethra .....	—	1	—	—	—	1	—	—	—	—	—	1
(b) Others under this title .....	—	—	—	—	—	—	—	—	—	—	—	—
135 Diseases of the Prostate .....	7	8	4	12	—	31	7	8	4	—	—	31
136 Non-Veneral Diseases of the Male Genital Organs.....	1	—	—	—	—	1	1	—	—	—	—	1
137 Cysts and Other Benign Tumors of the Ovaries.....	1	1	1	3	—	6	1	1	1	—	—	6
138 Salpingitis and Pelvic Abscess .....	1	1	—	—	—	2	1	—	—	—	—	2
139 Benign Tumors of the Uterus .....	3	1	3	2	—	9	3	1	3	—	—	9
140 Non-Puerperal Uterine Hemorrhage .....	—	—	—	—	—	—	—	—	—	—	—	—
141 Other Diseases of the Female Genital Organs.....	2	—	—	—	—	2	2	—	—	—	—	2
142 Non-Puerperal Diseases of the Breast (Cancer excepted).....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total</b> .....	<b>24</b>	<b>19</b>	<b>15</b>	<b>26</b>	<b>—</b>	<b>84</b>	<b>24</b>	<b>19</b>	<b>15</b>	<b>26</b>	<b>—</b>	<b>84</b>
<b>CLASS No. 8. THE PUERPERAL STATE.....Total</b>												
143 (a) Abortion .....	1	—	—	—	—	1	1	—	—	—	—	1
(b) Ectopic Gestation .....	—	—	—	1	—	1	—	—	—	—	—	1
(c) Other Accidents of Pregnancy .....	—	1	—	—	—	1	1	—	—	—	—	1
(d) Criminal Abortion .....	—	—	1	3	—	4	—	1	3	—	—	4
144 Puerperal Hemorrhage .....	6	—	2	6	—	14	6	2	6	—	—	14
145 (a) Caesarean Section .....	—	1	1	—	—	2	—	1	—	—	—	2
(b) Difficult Labour .....	—	—	—	—	—	—	—	—	—	—	—	—
(c) Others under this title .....	—	1	—	—	—	1	—	—	—	—	—	1
(d) Uncontrollable Vomiting .....	2	1	—	—	—	3	2	1	—	—	—	3
(e) Rupture of Uterus in Labour .....	—	—	1	—	—	1	—	—	—	—	—	1
<b>Total</b> .....	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>







CAUSES OF DEATH DURING THE YEAR 1925—BY MONTHS FOR THE WHOLE PROVINCE—Continued  
(INDIANS EXCEPTED)

	January	February	March	April	May	June	July	August	September	October	November	December	Total
36 (a) Tuberculosis of the Skin and Subcutaneous Cellular Tissue .....	—	—	—	—	—	1	—	—	—	—	—	—	1
(b) Tuberculosis of the Bones (Vertebral Column excepted) ..	—	—	—	—	—	—	—	—	—	—	—	—	—
(c) Tuberculosis of the Lymphatic System (Abdominal Glands excepted) ..	—	—	1	—	1	—	—	—	—	—	—	—	2
(d) Tuberculosis of the Genito-urinary System .....	—	1	—	—	—	—	—	—	—	—	—	—	1
(e) Tuberculosis of Organs other than above .....	1	1	1	2	—	1	—	—	1	—	—	—	6
37 (a) Disseminated Tuberculosis, Acute .....	—	—	—	—	—	—	—	—	—	—	—	—	—
(b) Disseminated Tuberculosis, Chronic .....	1	4	—	4	2	1	1	1	—	2	1	2	19
38 Syphilis .....	1	—	—	—	—	—	—	—	—	—	—	—	1
40 Gonococcus Infection .....	—	—	1	—	2	2	—	4	—	1	1	1	14
41 Purulent Infection, Septicaemia .....	—	—	—	—	—	—	—	—	—	—	—	—	—
42	42	36	52	46	54	44	36	42	48	41	37	57	535
<b>CLASS No. 2. GENERAL DISEASES NOT INCLUDED ABOVE .....</b>	<b>21</b>	<b>23</b>	<b>31</b>	<b>21</b>	<b>38</b>	<b>29</b>	<b>20</b>	<b>30</b>	<b>35</b>	<b>28</b>	<b>24</b>	<b>39</b>	<b>340</b>
43/49 Cancer .....	1	2	2	1	1	—	—	2	4	2	—	—	15
43 Cancer and Other Malignant Tumors of the Buccal Cavity.....	9	5	13	8	19	15	8	13	11	11	6	19	137
44 Cancer and Other Malignant Tumors of the Stomach and Liver	—	—	—	—	—	—	—	—	—	—	—	—	—
45 Cancer and Other Malignant Tumors of the Peritoneum, Intestines and Rectum .....	2	6	5	4	4	4	3	7	7	4	5	4	55
46 Cancer and Other Malignant Tumors of the Female Genital Organs .....	1	3	2	1	2	—	3	—	2	4	6	4	28
47 Cancer and Other Malignant Tumors of the Breast.....	2	1	5	4	4	5	1	2	3	2	4	4	37
48 Cancer and Other Malignant Tumors of the Skin.....	—	2	1	—	—	—	—	2	1	—	—	—	6
49 Cancer and Other Malignant Tumors of Other or Unspecified Organs .....	6	4	3	3	8	5	5	4	8	5	3	8	62
50 Benign Tumors and Tumors not returned as Malignant (Tumors of the Female Genital Organs excepted).....	1	—	2	—	—	3	2	—	1	—	—	4	2
51 Acute Rheumatic Fever .....	2	2	1	—	—	1	—	—	1	—	—	—	16
52 Chronic Rheumatism, Osteoarthritis, Gout.....	—	—	—	1	—	1	—	1	—	1	—	—	5
54 Pellagra .....	1	—	—	—	—	—	—	—	—	—	—	—	1
56 Rickets .....	4	5	3	8	2	6	2	3	6	2	6	1	5
57 Diabetes Mellitus .....	4	1	6	8	5	1	5	2	2	4	1	1	51
58 (a) Pernicious Anaemia .....	—	—	—	—	—	—	—	—	—	—	—	—	—
(b) Other Anaemias and Chlorosis .....	—	—	—	—	—	—	—	—	—	—	—	—	—
59 Diseases of the Pituitary Gland .....	—	—	—	—	—	—	—	—	—	—	—	—	—
60 (a) Exophthalmic Goiter .....	1	—	1	—	—	—	—	—	—	—	—	—	2
(b) Other Diseases of the Thyroid Gland .....	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	1	1	2	4	—	1	—	1	—	1	1	11
	—	—	2	—	1	—	2	3	—	—	—	—	14





CAUSES OF DEATH DURING THE YEAR 1925—BY MONTHS FOR THE WHOLE PROVINCE—Continued  
(INDIANS EXCEPTED)

CAUSES OF DEATH	January	February	March	April	May	June	July	August	September	October	November	December	Total
91 (a) Aneurism .....	1	—	1	1	2	1	2	—	1	2	—	—	11
(b) Arteriosclerosis .....	11	17	10	19	14	9	12	1	12	15	14	14	165
(c) Other Diseases of the Arteries .....	—	—	—	1	—	—	—	1	—	—	—	3	7
92 Embolism and Thrombosis .....	1	—	—	1	1	—	—	—	—	—	—	—	7
93 Diseases of the Veins (Varices Hemorrhoids, Phlebitis, etc.) ..	2	—	1	—	1	—	—	—	2	—	—	—	7
94 Diseases of the Lymphatic System (Lymphangitis, etc.) .....	1	1	—	—	—	1	—	—	—	—	—	—	2
95 Hemorrhage without specified cause .....	—	—	—	—	—	—	—	—	—	—	—	—	1
<b>CLASS No. 5. DISEASES OF THE RESPIRATORY SYSTEM .....</b>	<b>41</b>	<b>40</b>	<b>64</b>	<b>43</b>	<b>31</b>	<b>22</b>	<b>17</b>	<b>14</b>	<b>33</b>	<b>23</b>	<b>37</b>	<b>43</b>	<b>408</b>
97 Diseases of the Nasal Fossae and their annexa .....	1	—	—	—	—	—	—	—	—	—	—	—	1
(a) Laryngismus Stridulus .....	—	—	—	—	—	—	—	—	—	—	—	—	—
(b) Laryngitis .....	—	—	—	1	2	—	1	1	—	1	1	1	7
(c) Croup .....	1	—	—	—	1	—	—	—	—	—	—	—	4
(d) Other Diseases of the Larynx .....	1	—	—	—	—	—	—	—	1	—	—	—	3
99 (a) Bronchitis (Acute) .....	—	2	—	1	1	—	—	—	1	1	2	1	8
(b) Bronchitis (Chronic) .....	—	1	—	3	1	—	1	—	—	1	1	—	9
(c) Bronchitis (not otherwise defined under 5 years of age) ..	—	—	1	—	—	—	—	—	—	—	—	—	2
(d) Bronchitis (not otherwise defined, 5 years and over) .....	—	2	2	1	—	—	—	1	—	1	—	1	8
100 (a) Bronchopneumonia .....	14	12	28	15	12	10	4	6	14	8	18	12	158
(b) Capillary Bronchitis .....	—	—	—	—	—	—	—	—	—	—	—	—	—
(a) Lobar Pneumonia .....	16	16	19	17	6	5	3	4	10	8	5	16	125
(b) Pneumonia (not otherwise defined) .....	7	6	10	2	7	5	6	—	4	3	6	3	59
102 Pleurisy .....	—	—	—	1	—	1	2	—	—	—	1	1	6
103 Congestion and Hemorrhagic Infarct of the Lung .....	1	—	—	—	—	—	—	1	—	—	1	2	6
104 Gangrene of the Lung .....	—	—	—	—	—	—	—	—	1	—	—	—	1
105 Asthma .....	—	1	3	1	—	1	—	—	1	—	—	3	10
106 Pulmonary Emphysema .....	—	—	—	—	—	—	—	—	—	—	—	—	—
107 (a) Chronic Interstitial Pneumonia .....	—	—	—	—	—	—	—	—	—	—	—	—	—
(b) Diseases of the Mediastinum .....	—	—	—	1	1	—	—	—	—	—	—	—	2
(c) Others under this title .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>CLASS No. 6. DISEASES OF THE DIGESTIVE SYSTEM .....</b>	<b>32</b>	<b>34</b>	<b>41</b>	<b>34</b>	<b>36</b>	<b>34</b>	<b>47</b>	<b>66</b>	<b>50</b>	<b>46</b>	<b>39</b>	<b>38</b>	<b>497</b>
108 Diseases of the Mouth and Annexa .....	—	—	—	—	1	1	—	1	—	1	—	1	5
109 (a) Adenoid Vegetations .....	—	—	—	—	—	—	—	—	—	—	—	—	—
(b) Diseases of the Tonsils and Pharynx .....	1	2	1	1	—	—	1	1	2	—	1	2	12
110 Diseases of the Oesophagus .....	—	—	—	—	—	—	—	—	—	—	—	—	—
111 (a) Ulcer of the Stomach .....	3	1	1	5	4	—	2	1	1	1	1	4	24
(b) Ulcer of the Duodenum .....	—	—	5	4	3	2	—	2	1	1	3	—	21



CAUSES OF DEATH DURING THE YEAR 1925—BY MONTHS FOR THE WHOLE PROVINCE—Continued  
(INDIANS EXCEPTED)

CAUSES OF DEATH	January	February	March	April	May	June	July	August	September	October	November	December	Total
146 Puerperal Septicaemia .....	2	1	2	4	2	2	2	4	2	—	2	3	26
147 Puerperal Phlegmasia alba dolens, embolus, sudden death.....	2	—	1	—	1	—	1	1	1	2	—	1	9
148 Puerperal Albuminuria and Convulsions .....	—	—	1	2	4	2	1	—	1	—	—	1	12
149 Following Childbirth (not otherwise defined).....	—	—	—	—	1	1	—	—	—	—	—	—	2
150 Puerperal Diseases of the Breast .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>CLASS No. 9. DISEASES OF THE SKIN AND CELLULAR TISSUE .....</b>	<b>3</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>16</b>
151 Gangrene .....	2	—	—	—	—	—	1	1	—	2	—	—	6
152 Furuncle .....	—	—	—	—	—	—	—	—	—	1	—	—	1
153 Acute Abscess .....	1	—	—	—	—	—	—	—	1	1	—	—	3
154 Other Diseases of the Skin and Annexa .....	—	1	—	—	—	—	2	—	—	1	1	1	7
<b>CLASS No. 10. DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.....</b>	<b>1</b>	<b>4</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>10</b>
155 Diseases of the Bones (Tuberculosis excepted).....	1	4	—	1	—	1	1	1	1	—	—	—	10
156 Diseases of the Joints (Tuberculosis and Rheumatism excepted) .....	—	—	—	—	—	—	—	—	—	—	—	—	—
158 Other Diseases of the Organs of Locomotion.....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>CLASS No. 11. MALFORMATIONS .....</b>	<b>13</b>	<b>13</b>	<b>15</b>	<b>3</b>	<b>9</b>	<b>12</b>	<b>8</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>5</b>	<b>5</b>	<b>112</b>
159 Congenital Malformations:													
(a) Hydrocephalus .....	1	—	2	—	1	1	1	1	1	—	1	—	9
(b) Congenital Malformation of the Heart .....	6	6	9	1	4	6	4	2	2	6	2	3	51
(c) Others under this title .....	6	7	4	2	4	5	3	3	6	5	2	5	52
<b>CLASS No. 12. EARLY INFANCY .....</b>	<b>33</b>	<b>32</b>	<b>41</b>	<b>40</b>	<b>42</b>	<b>40</b>	<b>37</b>	<b>37</b>	<b>34</b>	<b>29</b>	<b>31</b>	<b>36</b>	<b>432</b>
160 Congenital Debility, Icterus and Sclerema.....	7	7	9	7	4	8	9	6	11	7	6	10	91
161 (a) Premature Birth .....	21	18	25	25	34	27	23	25	19	19	20	20	276
(b) Injury at Birth .....	3	4	5	4	1	2	2	4	3	2	4	3	37
162 Other Diseases Peculiar to Early Infancy .....	2	3	2	4	3	3	3	2	1	1	1	3	28
<b>CLASS No. 13. OLD AGE .....</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>8</b>	<b>5</b>	<b>7</b>	<b>63</b>
164 Senility .....	6	5	7	5	5	3	5	3	4	8	5	7	63

















CAUSES OF DEATH DURING THE YEAR 1925—BY AGES AND SEXES—Continued  
FOR THE CITY OF EDMONTON

CAUSES OF DEATH	Sex		Under 1 yr.	1 year	2 years	3 years	4 years	Total under 5 years	5 to 9 years	10-14 years	15-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years	70-79 years	80 years and over	Total	
	M	F																		
154 Other diseases of the skin and annexa.....			2					2												2
			1					1												1
<b>CLASS No. 10. DISEASES OF THE BONES AND ORGANS OF LOCOMOTION.....</b>	<b>Total</b>				1			1												1
	Male				1			1												1
	Female																			
155 Diseases of the bones (Tuberculosis excepted)...	M				1			1												1
	F																			
<b>CLASS No. 11. MALFORMATIONS</b>	<b>Total</b>		18					18												18
	Male		11					11												11
	Female		7					7												7
159 Congenital malformations:																				
(a) Hydrocephalus .....	M		3					3												3
	F		1					1												1
(b) Congenital malformations of the heart.....	M		2					2												2
	F		3					3												3
(c) Others under this title .....	M		6					6												6
	F		3					3												3
<b>CLASS No. 12. EARLY INFANCY</b>	<b>Total</b>		51					51												51
	Male		31					31												31
	Female		20					20												20
160 Congenital debility, icterus and sclerema.....	M		5					5												5
	F		6					6												6
161 (a) Premature birth .....	M		22					22												22
	F		12					12												12
(b) Injury at birth .....	M		3					3												3
	F		2					2												2
162 Other diseases peculiar to early infancy.....	M		1					1												1
	F																			
<b>CLASS No. 13. OLD AGE</b>	<b>Total</b>																2	5		7
	Male																2	2		2
	Female																	3		5
164 Senility .....	M																2			2
	F																	3		3



TOTAL DEATHS DURING THE YEAR 1925—BY NATIONALITY AND SOCIAL CONDITIONS  
CITY OF EDMONTON

ALL CAUSES .....	Total	380	166	59	102	4	Total	294	326	86	1	4	Total	711
	Canadian		British	U.S.A.	Foreign	Not Stated	Total	Single	Married	Widowed	Divorced	Not Stated	Total	711

TOTAL DEATHS DURING THE YEAR 1925—BY MONTHS  
CITY OF EDMONTON

ALL CAUSES .....	Total	57	51	78	72	71	43	54	66	55	61	49	54	Total	711
	January	February	March	April	May	June	July	August	September	October	November	December	Total	711	



CAUSES OF DEATH DURING THE YEAR 1925—BY AGES AND SEXES—Continued  
FOR CITY OF CALGARY

CAUSES OF DEATH	Sex	Under 1 yr.	1 year	2 years	3 years	4 years	5 years	5 to 9 years	10-14 years	15-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years	70-79 years	80 years and over	Total
31/37 Tuberculosis	Total			2			2		1	3	5	3	2	2	1	1		8
	M																	
	F			2			2		1	3	5	3	2	2	1	1		14
31 Tuberculosis of Respiratory System	Total								1	2	5	3	2	2	1	1		16
	M																	
	F								1	2	5	3	2	2	1	1		16
32 Tubercular Meningitis	Total			2			2											18
	M																	
	F			2			2											18
34 Tuberculosis of the Vertebral Column	Total									1				1				3
	M																	
	F									1				1				3
38 Syphilis	Total																	1
	M																	
	F																	1
40 Gonococcus Infection	Total											1						1
	M											1						
	F																	1
41 Purulent Infection, Septicaemia	Total		1				1											3
	M																	
	F		1				1											3
<b>CLASS No. 2. GENERAL DISEASES NOT INCLUDED ABOVE</b>	Total	4	3		1	1	8	2	2	2	3	10	15	22	17	16	2	99
	M	2	1		1	1	4	1	1	1	4	8	12	12	11	5	2	48
	F	2	2				4	2	1	2	6	7	10	10	6	11	2	51
43/49 Cancer	Total				1		1	1			1	3	4	9	5	3	2	31
	M											5	7	8	3	3		32
	F				1		1	1			1	3	4	9	5	3	2	31
43 Cancer and other malignant tumors of the buccal cavity	Total												1					2
	M																	
	F												1					2
44 Cancer and other malignant tumors of the stomach and liver	Total											1	2	1	4	2		10
	M																	
	F												1	2	1	4	2	10
45 Cancer and other malignant tumors of the peritoneum, intestines and rectum	Total											1	2	3		1	1	6
	M																	
	F												1	2	3	1	1	6
46 Cancer and other malignant tumors of the female genital organs	Total											2	2	1	1	1		7
	M																	
	F											2	2	1	1	1		7
47 Cancer and other malignant tumors of the breast	Total										2			5	2			9
	M																	
	F										2			5	2			9
49 Cancer and other malignant tumors of other or unspecified organs	Total				1		1				1	1	2	5	2		1	18
	M												2	5	2			18
	F				1		1				1	1	2	5	2		1	18





CAUSES OF DEATH DURING THE YEAR 1925—3Y AGES AND SEXES—Continued  
FOR CITY OF CALGARY

CAUSES OF DEATH	Sex	Under 1 yr.	1 year	2 years	3 years	4 years	Total under 5 years	5 to 9 yrs.	10-14 years	15-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-69 years	70-79 years	80 years and over	Total	
<b>CLASS No. 4. DISEASES OF THE CIRCULATORY SYSTEM</b>																			
	Total																		
	Male																		
	Female																		
88 (a) Acute Endocarditis	M			1			1												5
	F								2				2						4
(b) Acute Myocarditis	M														1				1
	F														1				2
89 Angina Pectoris	M													1					5
	F														3				3
90 Other Diseases of the Heart	Total																		29
(a) Chronic Valvular Disease of the Heart	M							3		1	2	3	5	6	5	4	3		23
	F							1		1	1	1	2	1	1	1	1		5
(d) Chronic Endocarditis	M							1			1	1	2		3				8
	F							1			1	1	2		3				9
(e) Chronic Myocarditis	M							1				1	1	6	2	4			13
	F							1				1	1	5	4	3			16
(f) Other diseases of the heart	M										1	1							2
	F											1							1
91 (a) Aneurism	M														2				2
	F														1				1
(b) Arteriosclerosis	M														2				2
	F														1				1
92 Embolism and Thrombosis	M														1				1
	F														1				2
<b>CLASS No. 5. DISEASES OF THE RESPIRATORY SYSTEM</b>																			
	Total	6	4			1	11	1	3	3	2	7	4	4	4	7	3	49	
	Male	4	1			1	5		1	3		6	3	4	4	3	29		
	Female	2	3				6	1	2		2	1	1			4	20		
98 (b) Laryngitis	M																		1
	F						1												1
99 (a) Bronchitis (Acute)	M																		1
	F																		1
(b) Bronchitis (Chronic)	M																		1
	F																		1
100 (a) Bronchopneumonia	M	3	1				3					2	1	1					6
	F	2	1				3					1	1	1					8





CLASS No. 11. MALFORMATIONS	16		17		18	
	Total	Male	Total	Male	Total	Male
159 Congenital malformations:	10	6	10	7	11	7
(a) Hydrocephalus	1		1		1	
(b) Congenital malformations of the heart	3		3		3	
(c) Others under this title	6		6		7	
	3		4		4	
<b>CLASS No. 12. EARLY INFANCY</b>	<b>56</b>		<b>56</b>		<b>56</b>	
160 Congenital debility, icterus and sclerema	3		3		3	
161 (a) Premature birth	4		4		4	
(b) Injury at Birth	19		19		19	
162 Other diseases peculiar to early infancy	20		20		20	
	4		4		4	
	2		2		2	
	1		1		1	
	3		3		3	
<b>CLASS No. 13. OLD AGE</b>						
164 Senility					1	
					1	
					1	
<b>CLASS No. 14. EXTERNAL CAUSES</b>						
165 Suicide by solid or liquid poisons (corrosive substances excepted)	2		4		8	
166 Suicide by Corrosive Substances	2		4		6	
168 Suicide by hanging or strangulation			3		3	
169 Suicide by drowning			1		2	
170 Suicide by firearms					1	
173 Suicide by Crushing					1	
175 Poisoning by Food					1	
180 Accidental Mechanical Suffocation	1		2		2	



TOTAL DEATHS DURING THE YEAR 1925—BY NATIONALITY AND SOCIAL CONDITIONS  
FOR CITY OF CALGARY

ALL CAUSES .....	Total	341	Canadian	British	U.S.A.	Foreign	Not Stated	Total	Single	Married	Widowed	Divorced	Not Stated	Total
		153	47	47	47	6	594	259	252	78	1	4	594	

TOTAL DEATHS DURING THE YEAR 1925—BY MONTHS  
FOR CITY OF CALGARY

ALL CAUSES .....	Total	48	January	February	March	April	May	June	July	August	September	October	November	December	Total
		41	62	62	62	57	43	34	45	44	52	39	67	594	









INFANTILE DEATH RATES, ETC., BY DIVISIONS, 1925

	Death Rate of Children Under One Year of Age to each 1,000 Births		Births with or without a Physician in Attendance		Rate of Stillborn Children to each 1,000 Births		
	Rate per 1,000 Births	Number of Deaths	Total Births	Without Physician			
				With Physician		Without Physician	
Division No. 1—Medicine Hat (City of Medicine Hat excepted).....	82.8	26	814	177	137	10	31.8
Division No. 2—Macleod (City of Lethbridge excepted).....	75.1	64	852	751	101	27	31.7
Division No. 3—Bow.....	58.2	20	339	245	94	4	11.8
Division No. 4—Nanton.....	60.2	21	349	325	24	7	20.1
Division No. 5—Acadia (Town of Drumheller excepted).....	45.9	22	479	380	99	11	23.0
Division No. 6—Calgary (City of Calgary excepted).....	61.1	52	851	764	87	27	31.7
Division No. 7—Battie River.....	64.7	57	881	745	136	37	42.0
Division No. 8—Red Deer (Cities of Red Deer and Wetaskiwin excepted).....	55.0	57	1036	855	181	42	40.5
Division No. 9—Rocky Mountain.....	101.1	34	336	214	122	5	14.9
Division No. 10—Victoria.....	97.3	143	1469	623	846	27	18.3
Division No. 11—Edmonton (City of Edmonton excepted).....	71.2	60	842	521	321	16	19.0
Division No. 12—Edson.....	81.9	19	232	171	61	6	25.9
Division No. 13—Beaver River.....	91.4	50	547	131	416	13	23.8
Division No. 14—Sturgeon.....	84.3	67	795	325	470	33	41.6
Division No. 15—Clearwater.....	53.8	5	93	19	74	4	43.0
Division No. 16—Peace River.....	81.3	26	320	213	107	7	21.9
Division No. 17—Athabasca.....	113.2	6	53	18	35	1	18.9
City of Edmonton.....	69.9	136	1945	1304	41	71	36.5
City of Calgary.....	66.1	108	1635	1616	19	58	36.5
City of Lethbridge.....	96.7	38	393	390	3	15	38.2
City of Medicine Hat.....	83.3	31	372	351	21	8	21.5
City of Red Deer.....	74.5	7	94	94	—	6	63.5
City of Wetaskiwin.....	57.7	6	104	95	9	4	38.5
Town of Drumheller.....	30.4	7	233	227	6	12	51.5
Divisions.....	<b>74.6</b>	<b>729</b>	<b>9788</b>	<b>6477</b>	<b>3311</b>	<b>277</b>	<b>28.3</b>
Cities.....	<b>69.7</b>	<b>333</b>	<b>4776</b>	<b>4677</b>	<b>99</b>	<b>174</b>	<b>36.4</b>
Whole Province.....	<b>72.9</b>	<b>1062</b>	<b>14564</b>	<b>11154</b>	<b>3410</b>	<b>451</b>	<b>30.9</b>

(Indian Statistics not included)



161 (a) Premature Birth .....	M .....	150	7	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	160
F .....	109	3	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	116
161 (b) Injury at Birth .....	M .....	21	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	24
F .....	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
162 Other Diseases Peculiar to Early Infancy.....	M .....	17	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
F .....	30	10	8	3	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17
All Others .....	M .....	22	9	5	5	4	—	—	—	—	—	—	—	—	—	—	—	—	—	107
F .....	22	9	5	5	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	62
TOTAL.....	Male .....	317	68	49	23	26	26	26	25	17	13	19	13	13	14	13	19	13	14	610
Female .....	243	42	36	27	23	23	21	21	15	10	13	7	10	13	10	7	5	5	10	452
Total .....	560	110	85	50	49	49	47	47	40	27	26	26	26	26	24	18	26	18	24	1062

CAUSES OF DEATH DURING THE YEAR 1925—FROM SELECTED CAUSES (BY MONTHS), OF CHILDREN UNDER ONE YEAR OF AGE, FOR THE WHOLE PROVINCE (INDIANS EXCEPTED)

CAUSES OF DEATH	MONTH IN WHICH DEATH OCCURRED												Total			
	January	February	March	April	May	June	July	August	September	October	November	December				
7 Measles .....	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	2
8 Scarlet Fever .....	—	—	2	—	—	—	—	—	1	—	—	—	—	—	—	5
9 Whooping Cough .....	3	1	3	6	6	3	—	3	5	4	—	—	—	—	—	35
10 Diphtheria .....	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	3
16 (c) Dysentery .....	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	2
32 Tubercular Meningitis .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
31-33/37 All Other Forms of Tuberculosis .....	1	1	—	1	1	1	2	—	—	1	—	—	—	—	—	12
38 Syphilis .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
71 (a) Simple Meningitis .....	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	2
80 Infantile Convulsions .....	—	5	3	—	3	3	1	1	—	—	—	—	—	—	—	22
99 Acute Bronchitis .....	—	1	1	1	1	—	2	2	1	—	—	—	—	—	—	8
100 (a) Bronchopneumonia .....	9	6	17	13	6	6	2	2	5	—	—	—	—	—	—	84
101 Pneumonia .....	6	9	9	4	7	8	2	1	3	2	—	—	—	—	—	50
112 Diseases of the Stomach .....	—	—	—	1	—	—	1	—	—	—	—	—	—	—	—	5
113 Diarrhoea and Enteritis .....	8	6	7	1	9	10	13	25	22	10	8	5	—	—	—	129
159 Congenital Malformations .....	13	12	13	3	9	10	6	6	8	9	5	7	—	—	—	101
160 Congenital Debility, Icterus and Sclerema .....	7	8	9	6	4	8	9	5	11	7	7	9	—	—	—	90
161 (a) Premature Birth .....	21	18	25	25	34	27	23	25	19	19	20	20	—	—	—	276
161 (b) Injury at Birth .....	4	8	5	4	1	2	3	4	2	2	4	8	—	—	—	37
162 Other Diseases Peculiar to Early Infancy .....	2	3	2	4	3	2	4	2	1	1	1	3	—	—	—	28
All Others .....	19	15	20	23	15	12	12	10	9	10	11	13	—	—	—	169
<b>TOTAL.....</b>	<b>93</b>	<b>89</b>	<b>116</b>	<b>99</b>	<b>101</b>	<b>88</b>	<b>79</b>	<b>86</b>	<b>88</b>	<b>68</b>	<b>77</b>	<b>78</b>	<b>1062</b>			

CAUSES OF DEATH DURING THE YEAR 1925—FROM SELECTED CAUSES (IN COMPLETED MONTHS), OF CHILDREN UNDER ONE YEAR  
CITY OF EDMONTON

CAUSES OF DEATH	AGES IN COMPLETED MONTHS												Total		
	Under one Month	1	2	3	4	5	6	7	8	9	10	11			
7 Measles .....															
8 Scarlet Fever .....					1			1							4
9 Whooping Cough .....															1
10 Diphtheria .....				1											1
32 Tubercular Meningitis .....			1												1
80 Infantile Convulsions .....				1											2
99 Bronchitis .....		2		1		1	1	1							14
100 (a) Bronchopneumonia .....				2		1	1	1		3					8
101 Pneumonia .....					1										2
112 Diseases of the Stomach .....		3	3	1	1	4	2	2	1	1		1			20
113 Diarrhoea and Enteritis .....		3	2	2	1	2									18
159 Congenital Malformations .....		2	2	2	1										11
160 Congenital Debility, Icterus and Sclerema .....		1	1	1											4
161 (a) Premature Birth .....		1	1												34
161 (b) Injury at Birth .....		4													5
162 Other Diseases Peculiar to Early Infancy .....		1													1
162 All Others .....		3	2		2	2	1	1		2	2				20
<b>TOTAL</b> .....	<b>58</b>	<b>15</b>	<b>12</b>	<b>8</b>	<b>10</b>	<b>5</b>	<b>6</b>	<b>1</b>	<b>7</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>136</b>

CAUSES OF DEATH DURING THE YEAR 1925—FROM SELECTED CAUSES (BY MONTHS), OF CHILDREN UNDER ONE YEAR OF AGE  
CITY OF EDMONTON

CAUSES OF DEATH	MONTH IN WHICH DEATH OCCURRED												Total		
	January	February	March	April	May	June	July	August	September	October	November	December			
7 Measles .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Scarlet Fever .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 Whooping Cough .....	1	—	—	1	—	—	—	—	—	—	—	—	—	—	4
10 Diphtheria .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
32 Tubercular Meningitis .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
80 Infantile Convulsions .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
99 Bronchitis .....	—	—	1	—	1	—	—	—	—	—	—	—	—	—	2
100 (a) Bronchopneumonia .....	—	3	5	1	2	—	—	—	—	—	—	—	—	—	14
101 Pneumonia .....	1	—	—	1	—	—	—	—	—	—	—	—	—	—	2
112 Diseases of the Stomach .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8
113 Diarrhoea and Enteritis .....	3	1	3	3	3	1	1	1	—	—	—	—	—	—	20
159 Congenital Malformations .....	4	1	—	—	2	1	—	2	3	3	—	—	—	—	18
160 Congenital Deblility, Icterus and Sclerema .....	—	1	1	1	1	—	—	—	—	—	—	—	—	—	4
161 (a) Premature Birth .....	2	2	5	2	2	8	—	—	—	—	—	—	—	—	11
(b) Injury at Birth .....	—	—	1	2	—	—	—	—	—	—	—	—	—	—	3
162 Other Diseases Peculiar to Early Infancy .....	—	1	2	4	1	1	—	—	—	—	—	—	—	—	5
All Others .....	—	—	—	—	—	2	—	—	—	—	—	—	—	—	2
<b>TOTAL.....</b>	<b>11</b>	<b>9</b>	<b>18</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>4</b>	<b>13</b>	<b>8</b>	<b>11</b>	<b>9</b>	<b>13</b>	<b>136</b>		



CAUSES OF DEATH DURING THE YEAR 1925—FROM SELECTED CAUSES (IN COMPLETED MONTHS), OF CHILDREN UNDER ONE YEAR  
CITY OF CALGARY

CAUSES OF DEATH	AGES IN COMPLETED MONTHS											Total	
	Under one Month	1	2	3	4	5	6	7	8	9	10		11
7 Measles .....	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Scarlet Fever .....	—	—	—	—	—	—	—	—	—	—	—	—	—
9 Whooping Cough .....	—	—	—	—	—	—	—	—	—	—	—	—	—
10 Diphtheria .....	—	—	—	—	—	—	—	—	—	—	—	—	—
16 (c) Dysentery .....	—	—	—	—	—	—	—	1	—	—	—	1	—
100 (a) Bronchopneumonia .....	1	1	—	1	1	—	—	—	—	—	—	—	—
101 Pneumonia .....	—	—	—	—	—	—	—	—	—	—	—	—	—
113 Diarrhoea and Enteritis .....	1	2	1	1	—	—	—	—	—	—	—	—	—
159 Congenital Malformations .....	9	2	3	1	—	—	—	—	—	—	—	—	—
160 Congenital Debility, Icterus and Sclerema .....	5	—	1	1	—	—	—	—	—	—	—	—	—
161 (a) Premature Birth .....	36	3	—	—	—	—	—	—	—	—	—	—	—
(b) Injury at Birth .....	5	1	—	—	—	—	—	—	—	—	—	—	—
162 Other Diseases Peculiar to Early Infancy .....	4	—	—	—	—	—	—	—	—	—	—	—	—
All Others .....	9	—	—	1	—	1	—	—	—	2	—	—	—
<b>TOTAL</b> .....	<b>70</b>	<b>9</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>—</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>108</b>

CAUSES OF DEATH DURING THE YEAR 1925—FROM SELECTED CAUSES (BY MONTHS), OF CHILDREN UNDER ONE YEAR OF AGE  
CITY OF CALGARY

CAUSES OF DEATH	MONTH IN WHICH DEATH OCCURRED												Total	
	January	February	March	April	May	June	July	August	September	October	November	December		
7 Measles .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8 Scarlet Fever .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 Whooping Cough .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10 Diphtheria .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16 (c) Dysentery .....	—	—	—	1	—	—	1	—	—	—	—	—	—	1
100 (a) Bronchopneumonia .....	2	—	—	1	1	—	—	—	—	—	—	—	—	5
101 Pneumonia .....	—	—	—	—	—	—	—	—	—	—	—	—	—	1
113 Diarrhoea and Enteritis .....	—	—	1	—	—	—	—	—	—	—	—	—	—	1
159 Congenital Malformations .....	2	4	2	1	1	1	—	3	6	—	—	—	—	13
160 Congenital Debility, Icterus and Sclerema.....	—	2	1	1	1	1	1	2	2	1	—	—	—	16
161 (a) Premature Birth .....	1	5	3	4	5	4	1	3	3	4	3	—	—	39
(b) Injury at Birth .....	1	6	2	4	5	4	1	3	3	4	3	—	—	6
162 Other Diseases Peculiar to Early Infancy.....	—	—	—	—	2	—	—	1	1	1	—	—	—	6
All Others .....	1	2	1	3	1	1	1	2	—	2	—	—	—	15
<b>TOTAL.....</b>	<b>7</b>	<b>13</b>	<b>10</b>	<b>11</b>	<b>10</b>	<b>7</b>	<b>7</b>	<b>11</b>	<b>11</b>	<b>8</b>	<b>5</b>	<b>8</b>	<b>108</b>	

## VITAL STATISTICS, 1905 to 1925 INCLUSIVE

YEAR	Births	Marriages	Deaths	Excess of Births over Deaths
1905	421	187	114	307
1906	3,003	927	1,091	1,912
1907	4,732	1,907	1,578	3,154
1908	5,973	2,032	2,188	3,785
1909	6,897	2,384	2,662	4,235
1910	8,321	3,086	3,526	4,705
1911	8,813	3,630	3,618	5,195
1912	10,284	4,429	4,232	6,052
1913	11,871	5,053	4,432	7,439
1914	13,685	4,623	4,147	9,538
1915	13,452	4,202	3,588	9,864
1916	13,331	4,230	4,058	9,273
1917	13,576	4,270	4,047	9,529
1918	14,890	4,048	7,924	6,966
1919	14,130	4,718	5,507	8,623
1920	16,565	5,110	5,675	10,890
1921	16,414	4,661	4,940	11,474
1922	16,163	4,272	5,281	10,882
1923	15,153	4,117	4,843	10,320
1924	14,598	4,160	4,907	9,691
1925	15,014	4,363	4,717	10,297

## POPULATION, BIRTH, MARRIAGE AND DEATH RATES

Population (Estimated for 1925)	600,000
Birth Rate per 1,000 (1925)	25.02
Marriage Rate per 1,000 (1925)	7.27
Death Rate per 1,000 (1925)	7.86

## RATIO OF MALE TO FEMALE BIRTHS, AND OF BIRTHS TO DEATHS

YEAR	Births of Males to 1,000 Births of Females	Ratio of Births to Deaths	YEAR	Births of Males to 1,000 Births of Females	Ratio of Births to Deaths
1901	1,081	3.55	1913	1,053	2.67
1902	1,010	2.59	1914	1,081	3.30
1903	1,056	2.95	1915	1,100	3.47
1904	1,118	3.04	1916	1,063	3.29
1905	1,059	3.11	1917	1,061	3.25
1906	1,094	2.07	1918	1,069	1.88
1907	1,075	2.96	1919	1,074	2.56
1908	1,077	2.73	1920	1,055	2.92
1909	1,086	2.59	1921	1,055	3.32
1910	1,065	2.69	1922	1,034	3.06
1911	1,103	2.43	1923	1,072	3.13
1912	1,084	2.43	1924	1,036	2.97
			1925	1,042	3.18

## DEATHS OF INFANTS UNDER ONE YEAR, DURING THE YEAR 1925

To 1,000 Births (excluding Indians)	72.90
To 1,000 Deaths from all Causes (excluding Indians)	238.38
Stillbirths	451





