Annual report of the Department of Public Health, Province of Alberta.

Contributors

Alberta. Department of Public Health.

Publication/Creation

Edmonton: Queen's Printer, [1937]

Persistent URL

https://wellcomecollection.org/works/c8gtz7gz

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection 183 Euston Road London NW1 2BE UK T +44 (0)20 7611 8722 E library@wellcomecollection.org https://wellcomecollection.org





ANNUAL REPORT

OF THE

Department of Public Health

PROVINCE OF ALBERTA

INCLUDING

Vital Statistics Branch

PUBLISHED BY ORDER OF THE LEGISLATIVE ASSEMBLY

EDMONTON: PRINTED BY A. SHNITKA, KING'S PRINTER 1939





ANNUAL REPORT

OF THE

Department of Public Health

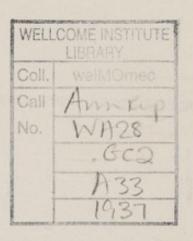
PROVINCE OF ALBERTA

INCLUDING

Vital Statistics Branch

PUBLISHED BY ORDER OF THE LEGISLATIVE ASSEMBLY

PRINTED BY A. SHNITKA, KING'S PRINTER 1939



Edmonton, December 15, 1938.

To HIS HONOUR

J. C. Bowen,

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 1937.

I have the honour to be, Sir,

Your obedient servant,

Wallace Warren Cross, Minister of Health.

Edmonton, December 15, 1938.

To The Honourable Dr. W. W. Cross, Minister of Health,

Administration Building, Edmonton, Alberta.

SIR,-

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

I have the honour to be, Sir,

Your obedient servant,

Malcolm R. Bow, M.D., C.M., D.P.H.,

Deputy Minister.

Digitized by the Internet Archive in 2019 with funding from Wellcome Library

CONTENTS

	Page
Summary	7
Communicable Disease Division	24
Public Health Education Division	33
Hospital Inspection Division and Medical Inspector's Report Operations	
Private Hospitals	36
Provincial Laboratory	37
Public Health Nursing Division	
Hospitals Division	46
Division of Social Hygiene	68
Sanitary Engineering Division	71
Dental Hygiene Division	73
Mental Health Division	74
Eugenics Board	77
Mental Hygiene Clinics	79
Provincial Mental Hospital, Ponoka	88
Provincial Auxiliary Hospital, Claresholm	109
Provincial Mental Institute, Edmonton	113
Provincial Training School, Red Deer	129
Division of Tuberculosis Control	141
Child Welfare and Mothers' Allowance Branch	159

NINETEENTH ANNUAL REPORT OF THE PROVINCIAL DEPARTMENT OF PUBLIC HEALTH, INCLUDING THE VITAL STATISTICS BRANCH

THE DEPARTMENT

Divisions:

- 1. Communicable Diseases.
- 2. Public Health Education.
- 3. Hospital Inspection.
- 4. Laboratory.
- 5. Public Health Nursing.
- 6. Municipal Hospitals.
- 7. Social Hygiene.
- 8. Sanitary Engineering and Sanitation.
- 9. Dental Hygiene.
- 10. Mental Health.
- 11. Institutions: Provincial Mental Hospital, Ponoka.
 Provincial Mental Institute, Oliver.
 Provincial Training School, Red Deer.
 Provincial Auxiliary Hospital, Claresholm.
 Central Alberta Sanatorium, Calgary.
- 12. Child Welfare and Mothers' Allowances.
- 13. Vital Statistics.

A report giving a summary of the work of each of these divisions is included herewith.

THE ADVISORY COMMITTEE OF HEALTH

No meeting of the Advisory Committee of Health was held during the year.

PROVINCIAL BOARD OF HEALTH

Four meetings of the Provincial Board of Health were held during the year.

REGULATIONS PASSED DURING THE YEAR

Regulations Governing Restaurants.

Regulations Relating to the Conduct of Funerals and the Interment of Dead Bodies.

Other Regulations passed previous to 1937 were amended or revised as deemed advisable by the Provincial Board of Health.

LEGISLATION PASSED DURING THE YEAR

The Municipal Hospitals Act, 1929, Amendment Act, 1937, (Chapter 44).

This Act empowers the Minister to appoint a member of a Hospital Board for a municipality in case the council has been dismissed and an offical administrator has been appointed in its place.

This Act came into force on April 14th, 1937.

The Mental Diseases Act Amendment Act, 1937 (Chapter 45).

This Act excludes an addict as defined in the amendment Act from the operation of section 3, which provides for proceedings before a Justice of the Peace leading to an inquiry as to persons who are mentally diseased and dangerous to be at large.

This Act came into force on April 14th, 1937.

The Mental Defectives Act Amendment Act, 1937 (Chapter 46).

This Act redefines the expression "mentally defective person" as any person in whom there is a condition of arrested or incomplete development of mind existing before the age of eighteen years, whether arising from inherent causes or induced by disease or injury.

This Act came into force on April 14th, 1937.

The Sexual Sterilization Act Amendment Act, 1937 (Chapter 47).

This Act defines "Mental Hygiene Clinic" as any Mental Hygiene Clinic conducted by or under the direction of The Department of Health: "Mental Hospital" as a hospital within the meaning of The Mental Diseases Act; "Mentally defective person" as any person in whom there is a condition of arrested or incomplete development of mind existing before the age of eighteen years, whether arising from inherent causes or induced by disease or injury: "Minister" as the Minister of Health: and "Psychotic person" as a person who suffers from a psychosis.

Section 3 amends the provisions relating to the examination of persons by the Board; and provides for such examination in the case of patients in a Mental Hospital whom it is proposed to discharge and persons who have been under treatment or observation at a Mental Hygiene Clinic.

Section 4 relates to sterilizing operations in the case of psychotic persons, and provides that the operation may be ordered where the Board is of the unanimous opinion that the exercise of the power of procreation would result in the transmission of mental disease or the risk of mental injury.

Section 5 relates to similar operations in the case of mentally defective persons and contains similar provisions.

Section 6 exempts from liability to civil actions the Board and other persons in respect of anything done in good faith in purported pursuance of the Act.

This Act came into force on April 14th, 1937.

The Public Health Act Amendment Act, 1937 (Chapter 91).

This Act enables the Minister to constitute full-time Public Health Districts and to provide for the appointment of district boards of health, and prescribes the duties of such boards.

It further provides for the contributions to be made by municipalities included in any such district towards the cost of operation and also provides that one-half of the cost of operation shall be borne by the included municipalities.

A further provision prohibits any person who is an optician, optometrist or chiropodist or any other person duly licensed to

diagnose or treat disease from holding himself out to the public as a Specialist unless he holds a certificate as such from the University of Alberta.

This Act came into force on June 17th, 1937.

DEPARTMENT OF PUBLIC HEALTH

FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDED MARCH 31, 1938

Div.	Vote.			Salaries.	E	expenses.	1	Revenue.
1.	605.	Communicable Diseases		\$ 932.69	S	20,057.63	\$	1,441.60
2.	605.	Public Health Education		2.000.00		1.014.83		***************************************
3.	603.	Hospital Inspection		2.951.38		847.20		
		Grants				449,946.78		***********
4.	626.	Laboratory				4,750.00		
5.	606.	Public Health Nursing Clinics		36.875.20		13.865.28		3,614.79
6.	608.	Municipal Hospitals		2.747.78		1,025.21		
7.	610.	Social Hygiene		8,600.67		10,023.03		
8.	605.	Sanitary Engineering and Sani-						
		tation		4.916.72		3,689.18		159.16
9.	606.	Dental Hygiene				200000000		
10.	622.	Mental Hygiene		2,882.43		8,072.47		
		Institutions:						
	614-1	5 Prov. Mental Hosp., Ponoka		276.258.39		173,560.05		148,503.02
	623	Prov. Aux. Hosp., Claresholm		17.632.64		11.221.06		6.081.49
	612-2			94.634.28		47,571.01		54.035.33
	613	Prov. Training School, Red Deer		51.616.36		22,020.16		41.879.26
	604	Central Alberta Sanatorium.						
		Calgary		127.519.77		193,028.71		44,398.00
	619.	University of Alberta Hospital				20.000.00		
12.	607.	Vital Statistics		15.020.34		4.340.34		43.792.32
2.00	609.	Insulin		201000102		11.839.06		
	611.	Grants to Homes				3,550.00		
	011	Administration		17.751.54		2.997.77		651.90
		Full-Time Health Districts				10,000.00		002.00
		run-rime freattii Districts	_		_	10,000.00	_	************
			S	662.340.19	\$1	.013.419.77	S	344.556.87
		Mothers' Allowances		1,606.40		614.968.78		142,207.93
		Child Welfare		13,320.80		55,127.86		16,128.99
			\$	677,267.39	\$1	.683,516.41	\$	502,893.79
			-		-		-	The same of the sa
Total	Cost	Public Health Department					\$2	2,360,783.80
L	ess: E	xpenditure Child Welfare and Mot	her	s' Allowanc	es B	ranches		685,023.84
							-	
	-						\$1	1,675,759.96
L	ess: P	ublic Health Revenue					-	344,556.87
							\$1	.331,203.09
							-	

NOTE: Expenditure and Revenue in connection with the Child Welfare and Mothers' Allowances branches have been eliminated in arriving at the net cost of the Public Health Department.

VITAL STATISTICS

Vital statistics registrations during 1937 were as follows:

Births	15,903
Marriages	6,345
Deaths	6.261

In all cases where rates are shown, these are based on an estimated population of 778,000 (the estimate of the Dominion Bureau of Statistics). In the following table the number of births and the birth rate, the number of marriages and the marriage rate, and the number of deaths and the death rate are shown in each of the years from 1932 to 1937:

Ye	ar	Births	Rate	Marriages	Rate	Deaths	Rate
1932		16,990	22.96	5.054	6.83	5.521	7.46
1933		16,123	21.33	5,389	7.10	5,346	7.06
1934	***************************************	16,236	21.10	6.053	7.86	5,337	6.93
1935	***************************************	16,183	21.00	6.010	7.80	5,729	7.40
1936		15,786	20.40	6,020	7.80	6,147	8.00
1937		15,903	20.40	6,345	8.20	6,261	8.00

In 1936 the lowest birth rate in the history of the Province was recorded. The birth rate for 1937 is identical with that of 1936;

namely, 20.40. The marriage rate for 1937, namely, 8.20, is the highest marriage rate recorded since 1929. The death rate for 1937 is 8, which is the same as the rate for 1936.

General Health Conditions.

There was an increase of 114 deaths in 1937 over the number registered in 1936. The following are the chief causes of death which showed increases: Diseases of the heart, Pneumonia, Influenza, Nephritis, Measles, and Scarlet Fever.

The infantile mortality rate shows a slight increase, and the maternal mortality rate a slight decrease in 1937. Special reference will be made to the chief causes of infant deaths in another section of this report.

Forty-nine deaths were reported as due to Whooping Cough in 1937 as compared with 73 in 1936. Of these 49 deaths, 42 were of children under 3 years of age, 31 of whom were infants under 1 year. While there was a material reduction in the number of deaths from Whooping Cough in 1937 as compared with 1936, this disease must be regarded as a serious menace to children and particularly to infants under 1 year of age. Whooping Cough ranks as one of the most dangerous communicable diseases of childhood.

The combined death rate (deaths per 100,000 population) for Diphtheria, Scarlet Fever, Measles and Whooping Cough is 26 as compared with 16 for 1936. The increase in the rate is almost entirely due to the increased number of deaths from Measles. The average death rate for the past four years for this group of diseases is thirteen.

Thirty cases of Diphtheria with 10 deaths were reported in 1937 question of immunization against Diphtheria. In a number of cases reported in 1937, 5 were reported by cities, 5 by towns, and 20 by rural districts. The death rate for Diphtheria in 1937 is 13 per 100,000, the same rate as for the previous year.

As in past years, the Department has continued to supply Diphtheria Toxoid for immunization purposes free of charge. The importance of protecting school children and pre-school children against Diphtheria has been brought to the attention of every school board in the Province by means of circular letters dealing with the question of immunization against Diphtheria. In a number of districts arrangements have been made for the protection of the entire school population, but there are still many districts in the Province in which little or nothing has been done to safeguard the children of the community against this entirely preventable disease. These ten deaths from Diphtheria represent a needless loss of child life, which is tragic from both the public health and the economic point of vew.

During 1937, 2,529 children, residing in 59 outlying districts of the Province, were immunized against Diphtheria by a specially qualified health inspector, part of whose time is devoted to this work.

Fifty-seven cases of Smallpox were reported in 1937 and 1 death from this cause as compared with 56 cases and 1 death in 1936. Fifty-four of the Smallpox cases in 1937 were reported in rural districts, 2 from cities and 1 from towns and villages.

We would once again emphasize the fact that vaccination is the only effective means of controlling Smallpox. We have a large, unvaccinated population in Alberta. Should a malignant type of Smallpox make its appearance in such an unvaccinated community at any time, a widespread outbreak of Smallpox is almost certain to result. "To be forewarned is to be forearmed." Every child in the Province should be vaccinated, and the best time to have this done is some time during the first six months of the child's life.

During 1937, 2,651 persons in 59 outlying districts in the Province were vaccinated by the health inspector carrying on this work. Many of these outlying districts enjoyed much better protection against Smallpox than the more settled areas in which medical service is readily available.

Thirty-four cases of Typhoid Fever and 8 cases of Paratyphoid Fever were reported in 1937 as compared with 98 and 13 cases respectively in 1936. There were 4 deaths registered as due to Typhoid in 1937 and 2 as due to Paratyphoid, giving death rates for 1937 of .51 for Typhoid and .26 for Paratyphoid as compared with a rate of 2.6 for Typhoid in 1936. No deaths occurred from Paratyphoid in that year.

We would once again point out the necessity of constant vigilance in the supervision and control of water, milk, and food supplies. There is a grave risk in the use of raw water for domestic purposes which has been drawn from streams and irrigation ditches.

One hundred and sixty-nine cases of Poliomyelitis and 13 deaths were reported in 1937 as compared with 18 cases and 4 deaths in 1936. Practically one-half of the Poliomyelitis cases reported in 1937 occurred in Medicine Hat and the district adjoining that centre. The first cases of the disease were reported in Medicine Hat early in August, and the incidence of the disease for the city from that time until the end of October was the highest ever experienced by any municipality in the Province. There had been practically no cases of Poliomyelitis reported in the Medicine Hat district for about ten years previously, with the result that there was apparently a high degree of susceptibility to the disease among children and adolescents.

Outside of the Medicine Hat district the cases were sporadic. Altogether, 56 cases were reported by cities, 34 by towns and villages, and 79 by rural municipalities. Eighty-four were male and 85 female cases. The distribution of cases reported by months is as follows: March 1, April 1, July 3, August 24, September 96, October 33, November 10, December 1.

The age distribution is as follows: 0-1, 4; 1-4, 38; 5-14, 82; 15-24, 33; 25-44, 9; 45-59, 1; not stated, 2.

Special steps were taken by the Department to inform the public in regard to the nature of the disease, its early manifestations and the precautionary measures which should be taken to prevent the spread of infection. The press gave excellent co-operation in this educational work. Two special bulletins dealing with Poliomyelitis were issued by the Department and widely distributed. Arrangements were also made for two special radio broadcasts over a Province-wide network. The co-operation of the stations concerned in arranging for these broadcasts is gratefully acknowledged.

Influenza was responsible for 472 deaths in 1937 as compared with 340 in 1936. There was a widespread prevalence of the disease.

In the Province during the winter months 463 deaths were registered as due to Pneumonia in 1937 as compared with 440 deaths in 1936. It is noteworthy that Influenza and Pneumonia together accounted for 935 deaths, or 15% of all deaths reported in the Province in 1937.

Recent developments in connection with the production of rabbit Pneumococcic serum are of interest and most promising results have been obtained in the use of specific sera.

Tuberculosis.

There were 340 deaths reported from Tuberculosis as compared with 382 for the previous year, a decrease of 42 deaths. The death rate for all forms of Tuberculosis, including the Indian and Metis population, is 43.7 per 100,000 population, and for Pulmonary Tuberculosis 34. The total deaths from all forms of Tuberculosis in 1937, excluding the Indian and Metis population, numbered 140, giving a death rate of 22 per 100,000 population—practically the same death rate as for the previous year.

The new plan under which free treatment is provided for all residents of the Province suffering from infectious types of Tuberculosis, which went into effect in June, 1936, has been further developed under the direction of Dr. A. H. Baker, Director of the Tuberculosis Division and Medical Superintendent, Central Alberta Sanatorium.

An additional 40 beds were taken over in the Edmonton General Hospital, bringing the total number of beds available in Edmonton up to 164. The total treatment beds in operation on December 31st were 374, representing an increase of 32 beds, or 9.3% over the preceding year.

The diagnostic clinic service was further extended in 1937 with a view to making this service available in every part of the Province.

During 1937, 110 patients were admitted to the Sanatorium and 230 to the hospitals providing special facilities for Tubercular patients. Five hundred and forty-seven patients were admitted to all hospitals in the Province, including the above mentioned 230 who were admitted to special Tuberculosis units.

A detailed report of the work of the Tuberculosis Division will be found in the report submitted by Dr. A. H. Baker, the Director of this Division.

The new Tuberculosis plan is working out very satisfactorily. Proper provision for the surgical treatment of Tuberculosis is an urgent need for which provision should be made in next year's estimates.

Diseases of the Heart and Circulatory System.

Eight hundred and forty-nine deaths were reported from diseases of the heart in 1937, representing 13.6% of the total deaths recorded in the Province for the year, and giving a death rate of 108 per 100,000 population.

Four hundred and fifty-three deaths were reported from diseases of the circulatory system, representing 7.2% of all deaths registered in the Province during the year, and giving a death rate from this cause of 58 per 100,000 population.

For every 1,000 deaths registered in 1937 from all causes, diseases of the heart and circulatory system accounted for 208.

Cancer.

Five hundred and ninety-eight deaths were registered as due to Cancer in 1937, a decrease of 43 deaths over the number registered in the previous year, giving a Cancer death rate of 77 as compared with 82.9 for 1936.

Cancer ranks second in the list of deaths, 9.5% of all deaths registered in 1937 being due to this cause.

Adequate facilities for early diagnosis and provision for effective treatment of the disease in the early stages is essential if any reduction is to be made in the Cancer death rate.

The importance of the public being fully aware of the insidious nature of Cancer during the early stages of the disease and the necessity of the public being led to seek competent medical advice in the beginning is a matter which is of the utmost importance from the public health standpoint. As in past years, the Department has co-operated with the Cancer Committee of the Alberta Division of the Canadian Medical Association in its educational work.

One thousand one hundred and sixty Cancer cases were reported to the Department by physicians and hospitals during the year.

Deaths by Violence.

Deaths due to violence numbered 372 in 1937, a decrease of 47 over the previous year, representing 6% of the total deaths registered for the year, and giving a death rate of 48 per 100,000 population.

There were in addition 101 suicides in 1937.

Accidents on the highways accounted for 71 deaths during the year, of which 55 deaths occurred in automobile accidents—a reduction of 17 deaths from the number due to automobile accidents in 1936.

The number of persons killed and seriously injured in automobile accidents is one of the serious problems facing us to-day. The need for scientific study of this problem is being generally stressed to-day. If we are to deal with this problem intelligently, we must have accurate knowledge as to the relative importance of the various factors responsible for automobile accidents, and so be able to apply those measures which will prove effective in preventing automobile accidents.

There were 53 deaths due to drowning in 1937 as compared with 68 during the previous year. Practically all these deaths are preventable. Much more attention should be directed to the education of the public and children in particular in regard to the hazards connected with swimming and the use of boats, canoes, and other watercraft by inexperienced persons who, in many cases, are not

competent swimmers. Attendants experienced in methods of resuscitation should be on duty at all swimming beaches.

In the following tables the deaths due to volence are classified:

TABLE 1

Homicides	18
Food poisoning	1
Accidental absorption of toxic gases	3
Other acute accidental poisoning (except by gas)	6
Conflagration	20
Accidental burns (conflagration excepted)	21
Accidental mechanical suffocation	21
Accidental drowning	53
Accidental injuries by firearms	12
Accidental injuries by cutting instruments	6
Accidental injuries from falling, crushing or landslides	168
Injuries inflicted by animals	16
Hunger or thirst	1
Excessive heat	6
Excessive cold	5
Other accidents	12
Violent deaths (accident, suicide or homicide), unknown	1
Lightning	1
Capital punishment	1
Total	372
	-

TABLE 2

SPECIAL CLASSES OF ACCIDENTAL DEATHS INCLUDED IN ABOVE

Accidents in mines and quarries Accidents caused by machines Railway accidents	20 12 18
Automobile and motorcycle accidents Other land transportation	55 16
Water transportation Air transportation	3 2

Infantile Mortality.

Nine hundred and ninety-four deaths of children under 1 year of age were registered in 1937 as compared with 940 during the previous year.

The infantile mortality rate in 1937 is 63 as compared with 60 for the previous year. The average rate for the five-year period, 1932-1936, is 58.2.

Once again attention is directed to the higher death rates among children residing in the towns, villages, and rural districts in the Province. In 1937 the average infantile mortality for rural districts (including the smaller urban centres) is 73 and for the 7 cities of the Province 44. This means that the infantile mortality rate for the rural districts is more than 60% higher than that for the 7 cities.

Of the 994 deaths of children under 1 year of age in 1937, 492 occurred within the first month of life, of which number 344 occurred within the first week and 176 occurred on the first day of life. This means that 49% of the deaths of children under 1 year of age occurred during the first month of life, 34% during the first week, and 17% during the first day of life.

The principal causes of infant deaths registered in 1937 were as follows:

Prematurity	249
Respiratory	155
Gastro-intestinal	89
Acute Contagious	191

We wish to again direct attention to the urgent need of making available in our rural districts and smaller urban centres the fulltime preventive health service enjoyed in the larger cities of the Province. Were such services available throughout the rural districts of the Province, a marked improvement would be effected in the infantile mortality rate.

Maternal Mortality.

Seventy-seven deaths were reported from maternal causes in 1937 as compared with 91 in 1936, a decrease of 14 deaths. The maternal death rate (deaths per thousand living births) in 1937 is 4.8 as compared with 5.8 for 1936. The average maternal mortality rate for the last five years is 4.76.

Health authorities are agreed that the maternal death rate could be reduced by 50% and a marked improvement effected in the extent of invalidity preceding and following childbirth if facilities were available for the general application of the knowledge we now possess in regard to maternal hygiene.

The following are the chief causes of maternal deaths registered in the Province in 1937:

Puerperal Septicaemia	20
Abortion with Septic condition	17
Abortion without Septic condition	4
Puerperal Haemorrhage	7
Puerperal Albuminaria and Eclampsia	9

Full-time Health Units.

The work of the two full-time health units centering on Red Deer and High River, which were established in 1931, has been carried on along the same general lines as in previous years.

The staff of each unit consists of a Medical Officer of Health with special qualifications for this work, two Public Health nurses with special training in this field, a qualified sanitary inspector whose time is divided between the two units, and a secretary-technician who has charge of the records, is responsible for the clerical and stenographic work and assists in the laboratory.

Through these units health services are made available to the residents of the rural and urban municipalities included in the unit such as are enjoyed by the residents in the larger cities of the Province. Through the operation of these two units in Alberta, the value of this preventive service in rural districts has been established. As soon as economic conditions make it possible, health unit services should be extended throughout the Province.

The activities of these units include health education, sanitation, the prevention and control of Tuberculosis, the prevention and control of communicable diseases generally, child and maternal hygiene, school hygiene, supervision of water supplies, sewage disposal, etc.

The following is a brief summary of the work of each of the above mentioned health units for the year 1937:

EDUCATIONAL:	Red Deer	High River
Lectures	67	24
Attendance	1,851	808
Bulletins distributed	7,344	5.124
Letters	664	2,608
Conferences	1.461	293
School Health Journal	528	976
Pre- and post-natal letters	745	1,056
SANITARY INSPECTIONS:		
Private premises	1.528	1.601
Public premises	121	161
Dairies and creameries	141	100
Miscellaneous inspections	924	720
Total inspections	3.074	2,951

COMMUNICABLE DISEASES:		
Visits to cases and suspects	1.731	319
Cases isolated		399
TUBERCULOSIS CONTROL:		
	155	96
Cases and contacts examined		30
Home visits		
Tuberculin tests		1,122
LIFE EXTENSION EXAMINATIONS:		
Adult examinations	138	155
IMMUNIZATION:		
Shick tests	q	12
Toxoid inoculations		506
Dick tests		955
Scarlet fever toxoid inoculations		1.266
Anti-smallpox vaccinations		185
Anti-typhoid inoculations		100

CHILD HYGIENE:		444
Babies and pre-school children examined	275	544
School children examined	570	812
Inspected for communicable diseases	1.562	288
Excluded for communicable diseases	215	
Weighed and measured	2,426	339
Follow-up visits	111	43
Number of school visits	692	382
LABORATORY:		
Water samples analyzed	135	156
Milk samples analyzed		97
Urinalyses diaryzeu		24
		251
Other laboratory procedures	39	201

Health Education.

The demand for information in regard to health is increasing yearly, and no activity of the Department gives larger returns for the expenditure made. The value of a health educational programme has been definitely established, and as soon as increased funds can be made available to the Department for this work, the activities of the Department in this field should be extended.

The chief means by which health educational work is carried on are as follows: through the publication of bulletins, by lectures, radio talks, movies, and health exhibits. During the year a number of new bulletins were printed and other publications of the Department revised. We have now 26 bulletins and leaflets dealing with various phases of health available for distribution. One thousand eight hundred requests for literature were received during the year, and approximately 18,000 bulletins and leaflets were distributed by the Department. Eighty-one lectures were given by the Director of the Health Education Division, with a total attendance of 9,750 persons, of whom 4,440 were of school age. This represents approximately one-half of the service given in previous years. With increased funds available for travelling expenses, it is the hope of the Department to extend this service during the coming year.

Public Health Nursing and Child Welfare.

There are 20 nurses on the staff of the Department. Of these one is in charge of the Child Welfare Clinic serving the Edmonton district, one in charge of the Child Welfare Clinic serving the Calgary district, one in charge of the clinic serving the Medicine Hat district, and one in charge of the clinic serving the Drumheller district. One serves the Municipal District of Norma and the Town of Vegreville, and one serves the Municipal district of Richdale and the villages located in that municipality. Thirteen district nurses are stationed in outlying districts.

Three hundred and twenty-three Child Welfare Clinics were held in Edmonton, Calgary, Medicine Hat, Redcliff and Drumheller, with a total attendance of 13,529 infants and pre-school children.

The outlying districts are served by district nurses with special qualifications for this work.

It was not possible to make the Travelling Child Welfare Clinic service available this year owing to the limited funds available. As soon as the funds required for this service can be provided, the service should be re-established and extended with a view to making available advice on infant care to mothers in rural areas.

The Travelling Clinic visited 16 centres in the Province during the year. This clinic was in the field from May 30th to July 28th. Two thousand five hundred and sixty-six persons were examined by the Travelling Clinic staff and 329 operations for the removal of tonsils and adenoids were performed by the staff, as well as a considerable number of minor operations.

The staff consisted of a surgeon in charge, one physician, two dentists, three nurses, and two truck drivers. The same standard of service was maintained as in previous years.

The dentists on the Travelling Clinic staff examined 2,543 children, gave dental treatment to 549 and extracted 993 teeth.

There is a great need for this service, more especially in the outlying areas of the Province remote from medical and hospital service.

Social Hygiene.

Four regular clinics are conducted by the Division of Social Hygiene, and there is in addition a clinic at each of the Provincial Gaols.

The total number of cases under treatment at all clinics in 1937 was as follows: Syphilis 897, Gonorrhoea 1,178, Chancroid 4, Non-Venereal 787, making a total of 2,866.

The records of the Department indicate that while 16% of those committed to Provincial gaols in 1920 were found to be syphilitic, in 1937 only 4.4% were so.

Educational work has been conducted along much the same lines as in previous years. Thirty lectures were given during the year to 3,785 people. There is a great need for increased educational work in this field, and we hope as soon as increased funds are available to greatly extend our educational programme.

Provincial Laboratory.

Examinations to the number of 145,882 were made by the Provincial Laboratory in 1937, representing an increase of 16,199, or 12½% over the number of examinations made in 1936. These examinations include examinations of water, ice, sewage, milk, examinations required in connection with communicable disease control, examinations of pathological material submitted to the Laboratory by hospitals and physicians, chicken and cattle blood examinations, medico-legal examinations, and a great many others too numerous to mention in detail.

All vaccines and sera used for the prevention and treatment of communicable diseases are distributed by the Provincial Laboratory. The convalescent Poliomyelitis serum supplied by the Department is produced at the Provincial Laboratory. The Provincial Laboratory provides a very efficient service to local boards of health, hospitals and physicians. This service is of vital importance in safeguarding the public health. The estimated value of the work done by the Provincial Laboratory in 1937, even if only minimum charges were made for the service rendered, is \$189,163.85. No charge is made by the Laboratory for work which is strictly of a public health character.

Sanitary Engineering and Sanitation.

All plans and specifications submitted to the Provincial Board of Health for waterworks, sewerage and sewage disposal plants were examined and, where approved, certificates were issued for the same as required under The Public Health Act.

During the year 620 reports of analyses of water, ice and milk were received from the Director of the Provincial Laboratory. After carefully examining these reports, the action deemed necessary was taken to remedy conditions requiring attention.

We wish to again mention the responsibility which rests on municipalities for the safety of public water supplies. Raw water from streams and irrigation ditches is unsafe for human consumption, and any municipal authority which permits the use of the same is courting disaster.

No less a responsibility rests on municipal authorities in the safeguarding of milk supplies. Municipalities permitting the use of unsafe water supplies and permitting the sale of contaminated milk have been found negligent by the courts and have had to pay a very heavy price for this negligence. The only safe course for any municipality to follow is to take such steps as will insure a safe water supply and a safe milk supply for its citizens.

One hundred and ninety-eight districts in the Province were visited and inspected by the Sanitary Inspector. Fifty-nine inspections of lumber, tie, saw-mill, and mining camps were made by the Health Inspector during the year.

Dental Hygiene.

Dental service was provided for the patients in all Provincial institutions as in previous years. A detailed report of the dental work will be found in the reports of the various institutions. An outline of the work done by the dentists on the staff of the Travelling Clinic will be found in the report of the Travelling Clinic.

Hospital Inspection.

Eighty-six approved hospitals in the Province received the Government grant in 1937. Sixty-nine private hospitals which were largely nursing homes and baby shelters were licensed under the provisions of The Private Hospitals Act. One hundred and thirty-five inspections of hospitals and baby shelters were made during the year.

The number of operations reported by hospitals in 1937 was 32,916. The number of deaths following these operations was 464, giving a mortality rate of 1.409% as compared with 1.69% in 1936.

The total capacity of approved hospitals, including the Central Alberta Sanatorium, at the end of 1937, was 4,513, divided as follows:

General		2,415
Maternity		653
		644
Isolation Pediatric		228 384
N. S. SERVINER S. S.	veis	374

This represents one bed for every 172 of the population or approximately 6 beds per thousand population.

Patients treated in the approved hospitals in 1937 numbered 84,175, representing 10.8% of the population of the Province. The average length of stay in hospital, excluding Sanatorium, Orthopaedic and S.C.R. patients, was 12.4 days. The average cost per patient day in all approved hospitals was \$2.79 as compared with \$2.69 in 1936 and \$2.88 in 1935.

The following new hospitals were opened during the year, making modern hospitals available for the people of the districts served: Lacombe, Canmore, Medicine Valley, Battle River, Fort McMurray, Beaverlodge, Myrnam, Lac La Biche (Smoky Lake and High Prairie re-opened).

Municipal Hospitals.

There were 23 municipal hospitals in operation during the year. In these hospitals accommodation was available for 757 patients, including babies. In the municipal hospitals of the Province, 17,518 persons received treatment in 1937, representing 20% of all patients receiving hospital treatment in the Province during the year.

A detailed statement giving general information in regard to hospital administration and covering all hospitals in receipt of Government grant will be found in the report of the Hospital Division.

Division of Tuberculosis Control.

This Division was established following the proclamation of The Tuberculosis Act on June 1st, 1936. There was a marked increase in the work of this Division in 1937.

The number of treatment beds available for Tuberculosis was increased during the year from 342 to 374. There was an increase of 18.75% in the total patient days in the Sanatoria as compared with 1936.

There was a marked increase in the work of the diagnostic clinics in 1937 as compared with 1936. The clinics made 3,573 examinations during the year, an increase of 60% over the previous year. As a result of the activities of this Division, 222 new cases of Tuberculosis were discovered. If we include in this summary the examinations made of children attending Indian schools, we find that no less than 7,387 examinations were made during the year by the diagnosticians on the staff of the Tuberculosis Division, an increase of 240% over the previous year.

Three new permanent clinic centres were established in 1937, namely: Red Deer, Hanna, and Stettler. There are 11 clinic centres now in operation. Fifty-seven centres in the Province were visited by the travelling diagnosticians during the year.

At the request of the Department of Indian Affairs, 856 children attending 8 Indian schools in the Province were examined during the year. This service was paid for by the Department of Indian Affairs.

In addition, 3 school surveys were made during the year and 2,958 school children examined.

A grade teacher was appointed to the Sanatorium staff in 1937 with a view to providing school instruction for the children as well as any adults desiring to take advantage of the same. This service has been greatly appreciated by the patients, and full advantage has been taken of the opportunity offered.

The year 1937 was marked by a great advance in the activities of the Department in connection with the prevention and control of Tuberculosis. Alberta now takes rank with the leaders in the campaign against Tuberculosis, and we may look forward with confidence to the results which will follow the unrelenting drive against this disease.

Detailed information in regard to the various activities of the Division of Tuberculosis Control will be found in the report of the Division.

Mental Health Division.

MOVEMENT OF PATIENTS-MENTAL INSTITUTIONS, 1937

THE REAL PROPERTY.	On Books Jan. 1, 1937		Admissions Discharges 1937 1937		Deaths 1937		On Books Dec. 31, 1937			
	Psychotic	Mental Defectives	Psychotic	Mental Defectives	Psychotic	Mental Defectives	Psychotic	Mental Defectives	Psychotic	Mental Defectives
Oliver Ponoka Red Deer Claresholm	469 1548 93	52 64 209 6	54 596 7	1 66 23	7 432 6	3 12 14	13 141 2	3	503 1571 92	49 118 215 6
Totals	2110	331	657	90	445	29	156	4	2166	388

This table indicates that there was an increase in patient population in the Provincial Mental Institutions of 113 during the year. On December 31, 1936, there were 2,441 patients in all institutions, and on December 31, 1937, there were 2,554. Since the year 1911, when the Provincial Mental Hospital at Ponoka was opened to receive patients, there has been a steady increase of from 5 to 8% annually in the patient population. During 1937 this increase was 5% over the previous year.

The rate of hospitalized patients to general population has shown an increase from 156 per 100,000 in 1921 to 328 per 100,000 in 1937.

The congestion of patient population referred to in previous years is becoming more acute each year, particularly in the Provincial Mental Hospital at Ponoka. The construction of the new unit at

Oliver was begun in the spring. This unit will provide accommodation for about 200 patients, and it is expected will be ready to receive the patients to be transferred from Ponoka in the spring of 1938. This will provide considerable relief for the congestion of patient population in the male wards at Ponoka. Relief for the serious overcrowding in the women's wards at Ponoka is urgently required, and it is hoped that provision will be made for such accommodation in the near future.

At the beginning of 1937 there were 521 patients in the Mental Institute at Oliver and at the end of the year 552. These are all chronic male cases.

Provincial Training School.—This institution provides accommodation for 217 patients, 75% of whom are of the low grade type requiring the maximum of nursing care and supervision. During 1937, 23 patients were admitted, 14 discharged, and 3 died.

The Auxiliary Mental Hospital at Claresholm provides accommodation for 100 women patients. The population in this institution remains stationary, with the exception of occasional transfers to and from other institutions, and deaths. There were 99 patients in this hospital at the beginning of the year and 98 at the end of the year.

Mental Hygiene Clinic.

The regular clinics in Edmonton, Calgary, Lethbridge, Medicine Hat and Drumheller were held, and the work carried on along much the same lines as in previous years.

In addition, 14 clinics were held in the Peace River and Grande Prairie districts and one at Coleman.

A new clinic centre was established at High River, at which clinics are held every other month.

Patients are referred to the mental hygiene clinics by local boards of health, local physicians, registrars, welfare and other organizations. Many parents visit these clinics for the purpose of obtaining advice concerning mental hygiene problems in the home. This service should be further extended as soon as the necessary funds can be made available, as the need for such a service is urgent.

At all mental hygiene clinics, 416 new cases were presented and in addition 513 follow-up cases were dealt with. Since the mental hygiene clinics were established in 1929, 2,942 cases have been dealt with by the staff.

Eugenics Board.

The work of the Eugenics Board is carried on under the authority of The Sexual Sterilization Act which was possed in 1929. Eight meetings of the Board were held during the year, including six sessions at the Provincial Mental Hospital, one in Edmonton, and one in Red Deer. During the year 202 cases were presented to the Board; 1,115 cases have been presented to and approved of by the Board since the Act was proclaimed. During the year 106 operations were performed by surgeons appointed by the Board, bringing the total number of operations performed up to the end of 1937 to 581. Of these, 220 were male cases and 361 female cases.

Detailed information in regard to the work of the mental institutions, the mental hygiene clinics, and the Eugenics Board will be found in the reports of these institutions.

Child Welfare and Mothers' Allowance Branch.

The Child Welfare and Mothers' Allowance Branch was placed under the administration of the Department in July, 1936. Under The Child Welfare Act any child who is declared by a judge of the Juvenile Court to be a neglected child is made a ward of the Superintendent of Child Welfare.

During the year, 337 children were declared wards as compared with 298 for the previous year.

Juvenile Delinquents.

In 1937, 606 cases were dealt with by the Juvenile Court as compared with 642 for the previous year. Only 1 boy was sent to the reform school during 1937, all other cases having been dealt with through the Child Placement Department.

Under The Mothers Allowance Act during 1937 assistance was given to 2,317 widows, having in their custody 5,177 children. The total expenditure for mothers' allowances in 1937 was \$613,564 as compared with an expenditure of \$575,508.41 for the previous year.

Detailed information in regard to the activities of the Child Welfare and Mothers' Allowance Branch will be found in the report of that Branch, which is included herewith.

General Administration.

A statement of revenue and expenditure for the fiscal year ending March 31st, 1937, will be found on page 9 of this report. An analysis of this statement shows that the total expenditure for all activities of the Department was \$2,360,783.80. The expenditure of the Child Welfare and Mothers' Allowance Branches, which were placed under the administration of the Department during the year, amounted to \$685,023.84. The balance, namely, \$1,675,759.96, is the amount expended by the Department in carrying on the ordinary activities of the Department. Of the latter sum, \$1,500,398.27 was expended for the maintenance and operation of the various institutions coming under the administration of the Department, in grants to hospitals and homes and for other forms of treatment services; \$175,361.69, representing 10.4% of the total budget of the Department, was expended for all activities, including clinic services, vital statistics, general administration, and all preventive services. This means that out of every dollar expended by the Department in 1937, only 10c was spent for preventive activities. Until it is possible to make more funds available for modern preventive health activities, it will not be possible to meet the great need for such services in many parts of the Province.

In bringing this brief summary of the activities of the Department during 1937 to a conclusion, I desire to express my sincere appreciation of the loyal service and splendid co-operation given

by the directors and members of the staff of all divisions of the Department, including the superintendents of all institutions coming under the direction of the Department and the members of all institutional staffs. This Department is most fortunate in the quality of its personnel.

All of which is respectfully submitted.

Malcolm R. Bow, M.D., C.M., D.P.H., Deputy Minister of Public Health

Communicable Disease Division

(A. C. McGugan, M.D., Director)

This division of the Department of Health is concerned chiefly with the control of communicable diseases. The control is provided through co-operation in and supervision of the work of local health officers and local boards of health.

When consultations are requested in the diagnosis of communicable diseases, a consultant is provided.

In localities where such diseases as Typhoid Fever have been endemic, an epidemiological survey is made in an attempt to discover the source of the disease. Not infrequently the source is a carrier. The carrier problem is becoming a more serious one as the Province grows older.

In localities where the incidence of a communicable disease reaches such proportions as to constitute a Province-wide menace, assistance in the control of the disease is provided from this branch.

The control of communicable diseases in Local Improvement Districts and all other areas not served by a Local Board of Health is provided from this branch.

Educational work in the prevention of disease is also carried on in this branch through public lectures, radio addresses and the distribution of literature.

One health inspector is employed who serves both this branch and the Vital Statistics Branch. He vaccinates against Smallpox and inoculates against Diphtheria in pioneer districts so remote from a medical doctor that otherwise this type of service is not likely to be available. A summary of his work for the year follows:

Number vaccinated against Smallpox	2.651
Number inoculated against Diphtheria	2,529
Number of public lectures	78
Special investigations	19
Number of Inspections of Records of Registrars of Vital Statistics	83
Number of Inspections of Records of Cemetery Caretakers	97

Throughout the year there has been considerable interest evidenced by Local Boards of Health and School Boards especially in the protection of children against Diphtheria and Smallpox.

TABLE 1
COMMUNICABLE DISEASES AS REPORTED FOR 1936 AND 1937

	1936	1937
Actinomycosis Acute Anterior Poliomyelitis Chickenpox Diphtheria	18 2,786 47	1 169 2,093 30
Encephalitis Lethargica Erysipelas Infectious Mononucleosis	99	87 2
Measles Meningococcic Meningitis	2,843 3	6,643 6
Paratyphoid Fever Typhoid Fever	13 98	8 34
Rubella Scarlet Fever	356 8,959 2,729	1,001 2,123
Smallpox Trachoma	56	57 3
Whooping Cough	1,793	658

TABLE 2

TOTAL DEATHS DUE TO COMMUNICABLE DISEASES IN THE PROVINCE OF ALBERTA FOR 1936 AND 1937

	1936	1937
Pneumonia (all forms)	440	464
Influenza (all forms)	340	473
Pulmonary Tuberculosis	295	266
Tuberculosis (all other forms)	87	74
Erysipelas	18	16
Scarlet Fever	23	24
Encephalitis Lethargica	3	9
Whooping Cough	73	49
Diphtheria	9	10
Meningococcic Meningitis	7	8
Typhoid Fever	20	4
Paratyphoid Fever	****	.2
Acute Anterior Poliomyelitis	4	13
Measles	25	102
Measles Duballa	25	123
Rubella	****	2
Antinoppos	****	2
Actinomycosis	****	-

TABLE 3

DEATHS DUE TO COMMUNICABLE DISEASES IN THE CITIES OF EDMONTON AND CALGARY FOR THE YEARS 1936 AND 1937

	Edmonton		Calg	ary
	1936	1937	1936	1937
Pneumonia (all forms)	56	62	46	56
Influenza (all forms)	47	58	41	37
Pulmonary Tuberculosis	50	56	14	11
Tuberculosis (all other forms)	25	15	6	5
Diphtheria	3	4	****	
Whooping Cough	10	3	5	3
Acute Anterior Poliomyelitis	3			2
Meningococcic Meningitis		2	2	2
Typhoid Fever	5		4	1
Paratyphoid Fever		1	3000	4443
Erysipelas	6	4	5	3
Scarlet Fever	5	9	4	3
Encephalitis Lethargica	1	4		2
Measles	1	7	2	2
Smallpox			1	
Actinomycoses		1	****	

TABLE 4

DEATHS DUE TO COMUNICABLE DISEASES IN THE SMALLER CITIES, TOWNS AND RURAL DISTRICTS FOR THE YEARS 1936 AND 1937

	1936	1937
Pneumonia (all forms)	338	251
Influenza (all forms)	272	310
Pulmonary Tuberculosis	231	159
Tuberculosis (all other forms)	56	26
Diphtheria	6	5
Whooping Cough	58	30
Acute Anterior Poliomyelitis	1	11
Meningococcic Meningitis	5	4
Erysipelas	7	8
Typhoid Fever	11	3
Paratyphoid Fever	1000	1
Scarlet Fever	14	12
Encephalitis Lethargica	2	3
Measles	22	80
Actinomycosis		1
Chickenpox	0.00	2
Rubella	****	1
Smallpox	****	1

TABLE 5

DEATHS OF INDIANS IN THE PROVINCE DUE TO COMMUNICABLE DISEASES FOR 1936 AND 1937

	1936	1937
Pneumonia (all forms)	75	95
Influenza (all forms)	41	68
Pulmonary Tuberculosis	157	142
Tuberculosis (all other forms)	32	28
Whooping Cough	30	13
Typhoid Fever	1	
Measles	8	34
Diphtheria		1
Erysipelas		1
Rubella	****	1

TABLE 6

MORBIDITY, MORTALITY AND CASE FATALITY RATES IN THE MORE COMMON COMMUNICABLE DISEASES FOR THE YEAR 1937

(Basis of rates-778,000 population)

	Total Cases	Total Deaths	Morbidity Rate per 100,000	Mortality Rate per 100,000	Case Fatality Rate per 100 Cases
Acute Anterior Poliomyelitis	169	13	21.72	1.67	7.69
Cerebro-spinal Meningitis	6	8	N.R.	1.03	
Chickenpox	2,093	2	269.0	0.25	
Diphtheria	30	10	3.86	1.28	33.33
Encephalitis Lethargica	N.R.	9	44.40	1.15	10.00
Erysipelas	87	16	11.18	2.05	18.39
Influenza (all forms)	N.R.	473	454.0	60.66	******
Mumps	1.175	100	151.0	15.0	1 05
Measles	6,643	123	853.8	15.8	1.85
Pulmonary Tuberculosis	318	266	40.8	34.2	
Pulmonary Tuberculosis (Indians excepted)	AT TO	124		15.9	
Pneumonia (all forms)	N.R.	464	W 00	59.5 0.13	1.0
Smallpox	57	1	7.32	0.20	1.8
Scarlet Fever	2,123	24	272.9	3.08	1.13
Typhoid Fever	34	4	4.37	0.51	11.8
Paratyphoid Fever	050	2	1.03	0.26	25.0
Whooping Cough	658	49	84.57	0.30	1.44

(N.R.-Not completely reported or not reportable.)

In instances where the number of deaths exceed the number of cases reported or where the case fatality rate is abnormally high, the reporting of cases has been incomplete.

A study of the above table shows that diseases of the respiratory system are responsible for the greatest number of deaths.

The number of deaths from Measles has been unusually high.

As is usual, the case fatality rates have been high in Diphtheria, Typhoid Fever, and Acute Anterior Poliomyelitis.

Whooping Cough continues to constitute one of our most serious communicable disease problems.

INCIDENCE OF SOME OF THE MORE SERIOUS COMMUNICABLE DISEASES FOR THE 10-YEAR PERIOD 1928-1937 DIPHTHERIA

Year 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937	Population 633,000 646,000 660,000 731,605 740,000 757,000 769,000 770,000 772,782 778,000 TYPHOID F		Deaths 50 64 30 26 10 6 8 8 9 10	Morbidity Rate 77 88 40 20 6.89 4.23 4.00 4.00 6.00 3.86	8 10 4.5 3.5 1.35 .79 1.00 1.00 1.28
1928 1929 1930 1931 1932 1933 1933 1934 1935 1936		122 114 69 42 52 46 57 55 111 34	26 31 16 16 9 6 7 11 20 4	19 17 10 5 7 6 7.4 7 14.4 4.37	4 5 2.4 2 1.21 .79 0.9 1.0 2.0 0.51
1928 1929 1930 1931 1932 1933 1934 1935 1936		92 29 150 23 39 31 12 162 18 169	35 8 32 8 14 7 4 15 1	14.6 4.5 22.7 3.2 5.2 4.1 1.6 21.0 2.3 21.72	5.6 1.2 4.8 1.1 1.8 0.9 0.5 2.0 0.1 1.67
1928 1929 1930 1931 1932 1933 1934 1935 1936		492 1,214 1,246 451 665 1,830 1,290 763 1,793 658	37 70 52 32 34 55 52 43 73 49	77.7 187.9 188.8 61.8 88.6 241.7 167.5 99.0 232.0 84.57	5.8 10.8 7.8 4.4 4.5 7.2 6.7 6.0 9.0 6.3
1928 1929 1930 1931 1932 1933 1934 1935 1936		1,397 1,731 1,028 438 2002 216 378 642 2,729 2,123	24 45 31 8 4 5 5 8 23 24	220.7 267.9 155.8 60.0 26.9 28.5 49.1 83.0 353.0 272.9	3.8 6.9 4.7 1.1 0.5 0.6 0.6 1.0 3.0 3.08
1928 1929 1930 1931 1932 1933 1934 1935 1936 1937		254 94 81 27 1 1 4 4 56 57	0 0 0 1 0 0 1 1 0	40.1 14.5 12.3 3.7 0.1 0.5 0.5 7.0 7.3	0 0 0 0.1 0 0 0.1 0 0.1 0.1

CASES OF COMMUNICABLE DISEASES REPORTED IN 1937

ļ		ć	
ì	Š	i	
•			
		1	
ţ		i	

1	AL.	1048F80000F	53		200000000	8		32 4 4 7 3 2 4 6 7 9	69
	TOTAL	415 6845 37 37 340 340 547	2123		343 1132 1132 1132 1232 202 202	2093			169
	Not	12 11991	22		4 2 2 2	37		HIIIF	2
	1970-09		1		HF HIH	1			*****
	42-29	4	18		N	63		11-1111	1
SS	25-44	90 441 50	130		11 11 9	33		E 110	6
AGES	12-24	134 10 10 10 10 10 10 10 10 10 10 10 10 10	307		51 65 11 5 11 11 12 11 11	120		6 45.891	33
	2-14	50 406 119 114 328 330 330	490 1093		269 65 49 65 8 160 160	342 1504		17 6 6 38 38 38 38	85
	p-1	8448818881888	1000		2222	342		121111111111111111111111111111111111111	38
	1-0	6.0	59		37 37 10	54		1 12	4
	Dec.	45 5 5 65	125		33 132 132 132 333 333	234		THE STATE OF THE S	1
	.voM	100 110 110 110	131		32 14 14 32 32	279		0000	10
	Oct.	388 11 21	110		23 6 6 39	179	IIS	11 1 2 4 5 4 5 4 5 6	33
	Sept	13 2 2 61	80		3 2 17 17	90	ELL	20 22 1 20 41	96
	-BuA	42 81 88	61	×	2 846 40	52	TOM	112 12	24
MONTHS	Kint	114 51 113 113	96	CHICKEN-POX	61 113 17 77	105	POLIOMYELITIS	1 2 1	60
MOP	əunr	12222224	280	CKE	51 :35 52 52	136	RIOR		****
	May	132 132 15 15 15 38	286	СН	4 62 6 1 0 1 1	106	ANTERIOR	111111	1000
	lirqA	56 52 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	199		02 :61-08:08	87			1
	Mar.	60 40 37 11 14 66	203		71 14 14 11	113	ACUTE	111111	1
	Feb.	75 8 8 8 8 1 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	232		31 31 2 23 18 18	188	9		1
	Jan.	127 31 101 103 103 103 103	320		164 12 27 27 1 1 27 32	524			****
×	Lemale	219 383 173 173 25 25 25 25 25 29 3	979 1144		161 564 33 32 32 8 100 118	1001		66 11 17 17 39	200
Sex	Male	196 301 13 20 31 4 4 6 6 160 160	979		182 32 43 43 102 133	1072 1021		1138	84
	1937	Cities: Calgary Edmonton Drumeller Lethbridge Medicine Hat Red Deer Wetaskiwin Towns and Villages	Totals		Cities: Calgary Drumheller Edmonton Lethbridge Medicine Hat Red Deer Towns and Villages Rural Districts	Totals		Calgary Calgary Edmonton Lethbridge Medicine Hat Wetaskiwin Towns and Villages Rural Districts	Totals

	4 42 6 2	4 42 6 5		8 34 14 5 3 20 26 202 76 18 3 330 1 20 3 1 3 72 19 153 82 16 1 1 3 283 31 120 44 9 1 1 3 283	91 578 246 49 1 1 9 1001		2	2 9 6 10 4 3		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3 3 1
		1		8 88 HF	17 26 9		1111111	60		111111	1
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 5 25			2 3 1		- I I I I I	62
POX	1 8	4	EASLES	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18 14 1	FEVER	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 4	ID FEVER	7	1
SMALLPOX	IIII	1 1	GERMAN MEASLES	78 37 15 15 15 15 15 15 15 15 15 15 15 15 15	153 123	TYPHOID	111111111111111111111111111111111111111	1 2	PARATYPHOID		2
	1 2 1	1 2 1	0	6 7 4 9 58 87 9 17 2 9 17 2 87 52 29 55 13 19	193 155 159		2011	1 5 1	PA		100
	31 46	32 46		26 9 5 21 36 37 114 5 1150 111	510 128 1		0 1 1 2 1 1	11 11			62
	11 83	25		35 143 36 31 111 1133	491			23		HH16	10
	Cities: Lethbridge Medicine Hat Village Rural Districts	Totals		Cities: Calgary Drumheller Edmonton Lethbridge Medicine Hat Towns and Villages Rural Districts	Totals		Cities: Calgary Drumheller Edmonton Lethbridge Medicine Hat Red Deer Villages Rural Districts	Totals		Cities: Drumheller Edmonton Wetaskiwin Towns and Villages Rural Districts	Totals

TYPHOID AND PARATYPHOID FEVER COMBINED

11					11			1			1	1
	TOTAL	15 6 21	42		1 4 5 20 20	30		1343 2562 330 136 18 8 815 1431	6643		204 350 28 28 43 144 144 312 23 70	1175
-	beleta beteta	1107	60		TITIE	1		60 2 60	06		12 2 2 12 12 12 12 12 12 12 12 12 12 12	30
	1900-09	7	1		1111	-		17	1			
	42-29	1101	4		TITT	1	-		18		1 1 1 2	9
ES	25-44	410	13			23		225 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	144		1 1 2 2 2	35
AGES	12-54	10 -1 60	6	-	H 64	60		111 111 111 1130 207	899		142227	167
	₱I-9	4014	10		1000	15		950 1456 242 81 4 4 528 864	222 1374 4126		187 256 19 38 38 70 17 44	988
	₽-1	1 2	63	1	19	7		232 741 58 41 100 190	374		440 4 00	49
	1-0	111	000			2		126 4 4 1 1 19 52	222		- -	2
	Dec.	1 8	47		1 100	6.0		138 102 14 14 36 89	381		8 8 8	274
	.voV	-	1		- 4	10		232 633	369		26	138
	.toO	10101	70		1004	9		93 10 120	239		824 828	61
	Sept.		2			63		02 4 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	119		98 0	53
	-SuA	4 1	10		1117	1		86 01 10 13 13 14 18	162		2 1 1 2	10
THS	July	63 A	7	DIPHTHERIA	117	1	CES	237 8 82 1 1 112 112 112	453	PS		- 00
MONTHS	əunr	144	NO.	HTH	1111	-	MEASLES	348 16 171 171 137	760	MUMPS	2001000	45
A	May	- 63 =	60	DIF	121	6.0	M	2 39 171 100 2 171	424	-	14 26 32 32 15	100
	lingA	TH.	1		FF	1		855 131 131 131	329		28 113 16 16 16 16 16 16 16 16 16 16 16 16 16	102
	Mar.	10	73		1111	1000	-	372 6 2 138 187	711		96 12 16 4 51	344
	Feb.	- 11	1		1 1 60	65	1	32 599 1 18 153 88	892		8 10 4 0 H	21
	.net	60	60		61 61	4		1262 2 94 10 157 267	1804		912 2 423	48
=	Lemale	-1001	14		1000	13		671 1324 171 70 13 423 667	3301 3342 1804		14 114 117 118 113 113 113	567
Sex	Male	10	28		133211	17		672 1238 159 66 66 5 392 764	3301	1	1113 190 190 14 161 101 30	809
	1937	Summary: Cities Towns and Villages Rural Districts	Totals		Cities: Calgary Edmonton Towns and Villages Rural Districts	Totals		Cities: Calgary Edmonton Lethbridge Medicine Hat Red Deer Wetaskiwin Towns and Villages Rural Districts	Totals		Cities: Calgary Calgary Edmonton Lethbridge Medicine Hat Red Deer Wetaskiwin Towns Villages Wural Districts	Totals

7 140 41 25 36 38 62 17 4 6 3 7 3 15 22 115 116 2 2 2 2 257 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
23	117 12 12 88 84
23 4 2 3 2 1 1 1 3 2 1 4 2 2 4 4 5 6 17 7 1 1 6 2 1 1 2 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1	316
23	
41 10 5 16 12 10 2 3 4 9 4 7 5 4 7 6 8 18 30 12 2 2 10 2 10 2 10 2 10 2 10 2 10 10	233
INFECTIOUS MONONUCLEOSIS ACTINOMYCOSIS ACTINOMYCOSIS 1	46
ACTINOMYCOSIS	
ACTINOMYCOSIS	23
	1578
	21112

UNDULANT FEVER	Sex MONTHS AGES	Male Mar. Mar. Mar. Mar. Mar. Mar. May June June June June June June June June	5 2 4 1 1 7	TRACHOMA		2 1 1 2 1 3	PULMONARY TUBERCULOSIS	19 30 30 30 30 30 30 30 30 30 30 30 30 30	5 5 0T 05 07 T I or or or or or
		Leb.					1	60 60 1 10 00	1
	Sex							25 24 1 13 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
September 19 and		1937	Edmonton		Edmonton Lethbridge Indian Residential School	Totals	The state of the s	Cities: Calgary Drumheller Edmonton Lethbridge Medicine Hat Red Deer Towns and Villages Rural Districts	

Division of Public Health Education

(F. T. Cook, Lecturer)

The growing interest in health education during recent years was again apparent in 1937. The increasing amount of correspondence on this phase of public health corresponds with that reported by Departments of Health in other Provinces and States. In any one mail there is likely to be requests or enquiries from distant points, including Canadian Provinces and from the United States, as well as from England and the League of Nations, etc.

This is particularly applicable to schools, school boards, teachers and pupils. The new courses of studies in both public and high schools require information on many aspects of public health, but particularly as to water, milk, food, sanitation, hospitals and sanatoria, and the history, organization and work of the Department.

Approximately 1,800 requests for literature were received during the year, and 18,000 bulletins and leaflets were distributed, not including pre-natal, post-natal and pre-school letters distributed by the Nursing Division.

In addition to Departmental literature, that of other health agencies was also distributed in large quantities.

During the year 81 meetings were held by the official lecturer, at which there was a total audience of 9,850 people, half of whom were of school age. Thirty special lectures were given on subjects relating to social hygiene to a total audience of 3,785 people.

As in previous years, radio talks were given every two weeks by various members of the staff over CKUA, while on alternate weeks talks were given by members of the professional staff of the University and the University Hospital.

The exhibit at the Edmonton Annual Exhibition featured a model one-room rural school, with particular emphasis on health requirements.

In June a Better Health Day was held in Stettler in co-operation with various local organizations. Special features were a baby clinic, food and child welfare exhibits, and a series of six lectures on various subjects. Some were given by local doctors and others by Departmental officials. The food exhibit was prepared by Miss Postill, matron of the Stettler municipal hospital, under the direction of Miss Florence W. Stacey, chief dietician of the University Hospital, who was in attendance and lectured on nutrition.

Hospital Inspection Branch and Medical Inspector's Report of Operations

(E. A. Braithwaite, M.D., Inspector of Hospitals)

All approved hospitals in the Province were inspected. The total number of inspections was 87.

The total number of operations, taken from the weekly hospital operation reports, was 32,916, and the number of deaths following operations was 464.

The following is a list of operations performed and deaths which occurred in the approved, municipal and private hospitals during the year 1937:

	Approved Hospitals	Deaths	Municipal Hospitals	Deaths	Private Hospitals	Deaths
GENERAL:						_
Abscess	556	22	171	7	11	
Adenectomy	24	1	1	1949	1	
Adhesions	123		9	1		1111
Abee's Operation	3		1	1000	1111	
Amputation	288	1	66	****	3	****
Anus	9	1000	1	222	1915	****
Appendectomy	4561	59	1130	20	14	2
Arthrodesis	20		1	0.00	1111	1117
Arthroplasty	1	10			1011	0.00
Aspiration	74	13	9	7	****	
Bone Graft	7 2	****	2		****	****
Bone Plating	18	6	4	1	1111	1111
Bowel	6		*	200		1111
Bronchoscopy	20	****	7	1010	1676	1111
Bunionectomy Cancer	129	88	9	8	1111	
Carbuncle	36	-	6	2	****	****
Cauterization	50	****	6	2		
Cecopexy	7	4111				
Cholecystectomy	404	14	74	5	4	
Circumcision	329	1	116		7	
Colopexy	9	î			100	
Colostomy	41	2	1			
Craniotomy	13					
Curetting	53		6			
Cystectomy				4000	1111	
Cystoscopy	573	****	20			****
Cystotomy	86	6	5			
Cysts	230	2	55	1110	3	
Decompresia	6	4141	1	1010	****	1111
Dilatation	41	1	92	1000	11011	8111
Dislocation	86	1	18	1111	1111	
Enterectomy	4	2	****		****	
Epididymotomy	7	100		1010	****	****
Evulsion Nail	31		11	1111	1000	1111
Examination	58	11111	28	1	****	****
Excision	212	0.00	53	1111	10	
Extraction Teeth	473	****	120	000	10	1111
Fasciotomy	3 48	5	9	3	****	
Fistula	60	1	13		****	****
Foreign Body	1256	9	249	4	****	1111
Fracture	39	1			1015	****
Fulguration	9		1111	1000	0.00	
Gastrectomy Gastroenterostomy	64	1	8	(0.00	****	
Gastroenterostomy	8	î				
Gusti Ostolily					1000	

	Approved Hospitals	Deaths	Municipal Hospitals	Deaths	Private Hospitals	Deaths
Hammer Toe	3	-	KH.			
Hare Lip	29	1	2	****	****	
Haemorrhoidectomy	283	1	49	1		****
Herniotomy	680	9	126	3	5	
Hydrocele Illeocolostomy	39 7	1	8	1111	1	2014
Incision	510	8	93	4	****	
Injection	134	****	13			****
Jejunostomy	12	****		****		****
Laminectomy Laparotomy	3 192	8	57	3	1	1011
Ligation	63		8			1000
Lithotomy	18	2	2	1	****	
Lobectomy	101		22	****		
Manipulation Nephrectomy	191 48		33 5	2	1	
Nephrotomy	25		1			
Neurectomy	5					
Orchidectomy	33	****	5	****		
Osteotomy	29 77	4	19			
Paralysis	i				****	
Phlebectomy	1	****	4		2000	
Plaster Cast	189	****	20	****		4111
Plastic Pneumothorax	48	****	2	****	****	
Proctoscopy	41	1		****	****	
Prostatectomy	151	11	5	1	****	****
Puncture	25		3	2	****	****
Pyloroplasty Removal	367	1 2	78	1	1	
Repair	298	5	107	2	î	
Resection	189	4	28	6	2	****
Sequestrectomy	32	1	2	1111		****
Skin Graft	45 6	****	2	1111	2	
Splenectomy Suturing	422		108	****	4	
Sympathectomy	4		1			100
Synovectomy	10	****		****		1011
Tenotomy	13 25	****	2 3	2007	1	
Tenotomy Thoracotomy	6	****			****	
Thyroidectomy	352	16	29			
Transfusion	1031	1	14			****
Tumor Tuberculosis	211 22	15	27 6	1	****	****
Urethrotomy	18	1			1	
Varicocele	19	****	5		1000	
Vasectomy	74		200	****	****	
Wounds	66	2	29	****	****	****
DBSTETRICS:						
Abortion	128	2	40	1		
Adhesions	12		9110			****
Cervix	133		31	****	2	
Caesarean Section	64 91	4	13	****	****	
Cauterization	76		4	2000	4444	****
Colpotomy	6		2000		****	
Curretage	935		146	1	4	
Dilatation	388 36		35 27	****	1	
Examination Hysterectomy	247	6	50	2		
Induction Labor	4	-	41			
Insertion Radium	127				****	
Oophorectomy	112 32	****	25 5			****
Ovariotomy Panhysterectomy	1	****	3			
Perineorrhaphy	214		15	****		
Plastic Genital		1717		****		
Salpingectomy	338	2	33	4111	1	
Salpingo-Oophorectomy	33 22	*****	9	****	2000	
Sterilization Trachelorrhaphy	38		5	****	1112	
Uterus	263	4	39	1	2	
EYE, EAR, NOSE, THROAT:	10		0			
Adenoidestory	12 87		3 14		100	
Antrum	44	2	9		****	
Cataract	124	1	.1			
Cautery	8	-	3			

	Approved Hospitals	Deaths	Municipal Hospitals	Deaths	Private Hospitals	Deaths
Cyclodialysis	1					
Dacryocystectomy	13		1	2000		
Dilatation	12		1			
Enucleation Eye	40		1		****	
Esophagoscopy	3		+000		4774	
Ethmoidectomy	2				****	
Examination	29		4	1100	****	
Excision	9	1771		2111	4111	2000
Foreign Body	32	****	2	****	****	****
Glaucoma	2	****	****		****	****
Iridectomy	46			4000	****	
Laryngoscopy	2					
Mastoidectomy	212	6	33	3	1	2000
Myringotomy	4		-			1111
Otitis Media	57	3	22	3		****
Plastic Eye	4		10	1111	1000	****
Polypi	91	****	10		1100	3010
Pterygium	20			****	1111	100
Sinus Paraetian	39 88	0.00	5	1111	****	101
Submucous Resection Suturing	00	****	2	****		3171
C	4	****		****		0.000
	4	****	****	****	****	
Tenotomy	3628	5	906	1	99	2011
Photo alla and assessment	4		300	2		
The sale is a sale succession	15	1000	4		7111	
Manalla and Adamaida	3311	****	702	1111		-
Tonsiis and Adenoids	9911	1 1000	102	1000		4111
Total number of operations in hospit Total number of deaths from operation Percentage	n			. 4	64	

In addition to the operations classified above, the following operations were performed by the Travelling Clinic:

Tonsils and Adenoids	329
Circumcisions	16
Other Minor Operations	4

ANNUAL REPORT OF THE PRIVATE HOSPITALS DIVISION PRIVATE HOSPITALS DIVISION FOR THE YEAR 1937

(E. A. Braithwaite, M.D., Inspector)

Forty-three private hospitals and baby shelters were inspected during the year. Owing to bad roads it was impossible to complete the inspections.

Sixty-nine licenses were issued.

Five institutions in which children are kept were also inspected.

Report of the Director of the Provincial Laboratory

(Allan C. Rankin, C.M.G., M.D., D.P.H., Provincial Bacteriologist)

During the time under consideration there has been an increase of approximately 16,000 examinations; 26,295 bloods have been examined for the Wassermann test as compared with 23,042 for the previous year. The examinations in connection with venereal diseases have increased by 4,882 examinations.

There are 86,765 chicken blood examinations included in work undertaken for the Poultry Department of the Provincial Department of Agriculture, for which the Provincial Laboratory was paid. Altogether, the total number of examinations are 145,882 as com-

pared to 129,947 in the previous year.

The demands on the Laboratory continue to increase and to broaden in character. The staff are frequently required to carry out examinations which may have, at the most, only an indirect relationship to public health. As already pointed out, if a demand for such work is to continue, some funds should be made available in order that the necessary staff, equipment, etc., may be secured. It is unfortunate that under such circumstances the regular public health work of the laboratory is hampered to some considerable extent.

It is quite evident that the demands on the laboratory are now such that we have outgrown our physical accommodation, etc. Work is constantly being carried out in crowded and unfavourable conditions which can only be remedied by physical expansion and additions to the staff. I wish to point out particularly that under these conditions the staff of the laboratory has been carrying on for several years loyally and efficiently.

The details of the year's work are included in the accompanying

tables.

TABLE 1 ERFORMED IN THE PROVINCIAL LABORATORY DURING THE YEAR 19

WORK PERFORMED IN THE PROVINCIAL	LABORATO	ORY DURI	NG THE Y	EAR 1937
	Total 1936	Total 1937	Increase	Decrease
Sputum	773	937	164	
Diphtheria	1.796	2.482	686	
Typhoid Fever	507	375		132
Milks	1.786	1.381		405
Waters	1.863	1.719		144
Miscellaneous Examinations	3.047	2.766		281
Mothers' Milk	9	2		7
Urinalysis	136	123		13
Medico-Legal Examinations	6	15	9	
Bloods for the Wassermann Test	23.042	26.295	3.253	
Smears for the Gonococcus	4.107	5.736	1.629	
Icterus Index and Van Den Bergh Deter-	SALES OF THE SALES		2,000	
mination	4.694	4.088		606
Pathological Histological Material	8,596	8.576		20
Blood Smear Examinations	99	57		42
Post-mortem Examinations	239	243	4	
Ascheim Zondek Examinations	137	117		20
Cerebro-spinal Fluid Examinations	1.644	1.753	109	20
Bacteriological Post-mortem Examinations	62	113	51	**********
B. Abortus Examinations	438	363		75
B. Tularensis Examinations	438	363	**********	75
Chicken Blood Examinations	74.321	86.765	12.444	
Cattle Blood Examinations	1 122	487	******	635
Typhoid Vaccine (25 cc. quantity)	628	432		196
Autogenous Vaccine (25 cc. quantity)	35	4		31
B.C.G. Vaccine (10 cc. quantity)	289	334	45	
Poliomyelitis Convalescent Serum (20 cc.	200	001	40	management
munom titur)	38	356	318	
quantity)				*************
Totals	129,852	145,882	18,712	2,682

TABLE No. 2

Table No. 2 shows the number of water and milk, special and blood containers prepared and distributed during the year 1937:

Water Containers	1936 1.570	1937
Special Containers	1,907	1,974
Wassermann Containers Chicken Blood Containers	22,063 74,321	27,784 86,765
Total	99.861	117,684

TABLE No. 3

The following table shows the number of cubic centimeters of autogenous and other vaccines prepared and distributed during the year 1937:

	1936	1937
Typhoid Vaccine	15,700 cc.	10,800 cc.
Autogenous Vaccine	875 cc.	200 cc.
B.C.G. Vaccine	2.890 cc.	3,320 cc.
Poliomyelitis Convalescent Serum	1.385 cc.	7.120 cc.
B. Abortus Aaccine	350 cc.	
Total	21,200 cc.	21,440 cc.

Increase in the preparation and distribution of vaccines and serums-240 cc.

TABLE No. 4

Table No. 4 shows the detail of some of the work done by the Laboratory in relation to the control of infectious disease:

Diseases		o. of cimens Nega- tives	No. of Post Offices	No. of Physi- cians	Month	Sputum.	Diph.	Typhoid Fever.	Total.
Pulmonary					Jan	59	336	31	426
Tuberculosis	95	839			Feb	73	207	27	307
					Mar.	93	194	27	314
Diphtheria	26	2456	eiter		Apr.	101	224	34	359
					May	80	273	31	384
		The same			June	77	356	29	462
Typhoid Fever	105	264	,,,,,,,		July	84	185	26	295
					Aug.	109	149	41	299
			211	200	Sept	58	68	28	154
				400	Oct	46	128	36	210
					Nov	81	149	28	258
					Dec	73	213	31	317
	Tota	1				934	2482	369	3,785

TABLE No. 5

Table No. 5 shows the number of blood examinations by the complement fixation test for the diagnosis of syphilis:

Bloods received Bloods examined Bloods positive to reaction Bloods negative to reaction	26,295 2,587 22,708
Bloods unsuitable for examination	85
Male Bloods examined Female Bloods examined	8,172
Out of 26,295 of these the following details can	
Male married	3,425
Male married positive	421
Male married negative	3,004
Male single	6.187
Male single positive	808
Male single negative	5,379
Female married	4.792
Female married positive	386
Female married positive	4.406
Tomate management and an arrangement and arrangement arrangement and arrangement arrangement and arrangement arran	4,100
Female single	
Female single positive	328
Female single negative	2.363

Bloods received from Calgary and south Bloods received from north of Calgary	7,352 18,943
Number of blood examinations made in 1936 Number of blood examinations made in 1937	23.042 26,295
Increase in number of specimens examined	3,253 12.4%

TABLE No. 6

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

Waters	1936	1937
Number of samples of water examined bacteriologically and found fit for human consumption	843	875
Number of samples of water examined bacteriologically and found unfit for human consumption	115	63
Number of samples of water examined bacteriologically and chemi- cally and found fit for human consumption	662	612
Number of samples of water examined bacteriologically and chemi- cally and found unfit for human consumption	124	82
Number of samples of water examined chemically and found fit for human consumption	82	53
Number of samples of water examined chemically and found unfit for human consumption	19	22
Number of samples of ice examined bacteriologically and found fit for human consumption	18	12
Number of samples of ice examined bacteriologically and found unfit for human consumption		
Total	1.863	1,719

TABLE No. 7

Table No. 7 gives the details of the bacteriological, bacteriological and chemical, and chemical examinations of milk performed throughout the year 1937:

1936	1937
1,574	1,250
205 7	125 5
1,786	1,380
30	24
73	68
71	87
667 1,119	494 886
	1,574 205 7 1,786 30 73 71 667

SERUMS AND VACCINES DISTRIBUTED JANUARY, 1937-DECEMBER, 1937

Smallpox Vaccine—10 points	2,533	pkgs.	25,330	points
Diphtheria Antitoxin: 1,000 units 5,000 units 20,000 units	59	pkgs. pkgs. pkgs.	904,000 295,000 5,400,000	
m + 1			6,599,000	-
Total			6,539,000	units
Diphtheria Toxoid: 1 person 6 persons 12 persons	495	pkgs. pkgs. pkgs.		persons persons persons
Total			20,714	persons
Shick Test—25 persons Scarlet Fever Antitoxin:	275	pkgs.	6,875	persons
6,000 units Vial	316	pkgs.	1.896.000	units
6.000 units Syringe		pkgs.	1,560,000	units
2,000 units Syringe	1,468	pkgs.	2,936,000	units
Total			6,392,000	units

1 person 1.599 pkgs 1.599 persons 2.349 pkgs 1.4094 persons 1 person "B" 36 pkgs 6 persons 30 persons "D" 4 pkgs 1.4094 persons 30 persons "D" 4 pkgs 39 pkgs 390 persons 39 persons "D" 4 pkgs 390 persons 26 pkgs 390 persons 39 persons "E" 26 pkgs 390 persons 27 pkgs 232,500 units 27 pkgs 232,500 units 27 pkgs 25,000 units 27 pkgs 25,000 units 27 pkgs 25,000 units 27 pkgs 27 pkgs	Scarlet Fever Toxin:			
1 person "B" 36 pkgs. 36 persons 30 persons "D" 4 pkgs. 120 persons 30 persons "D" 4 pkgs. 390 pkgs. 390 persons 1 persons "E" 26 pkgs. 780 persons 30 persons "E" 26 pkgs. 780 persons 78	1 person	1,599	pkgs.	1,599 persons
1 person "D"	6 persons	2,349	pkgs.	14.094 persons
1 person "D"	1 person "B"		pkgs.	36 persons
30 persons 'E' 390 persons 390 persons 390 persons 390 persons 390 persons 390 persons 780 persons	1 person "D"		pkgs.	6 persons
Total	30 persons "D"	4	pkgs.	120 persons
Total 17.025 persons Dick Test—10 persons 627 pkgs 6.270 persons Tetanus: 1,500 units 155 pkgs 232,500 units 19 pkgs 95,000 units 10,000 units 19 pkgs 30,000 units 3 pkgs 30,000 units 3 pkgs 30,000 units 3 pkgs 30,000 units 3 pkgs 37,500 units 3 pkgs 37,500 units 3 pkgs 360 cc 367,500 units 37,500 units 38,60 cc 38,60	1 person "E"	390	pkgs.	390 persons
Dick Test—10 persons 627 pkgs. 6.270 persons	30 persons "E"		pkgs.	780 persons
Dick Test—10 persons 627 pkgs. 6.270 persons				-
Tetal	Total			17,025 persons
Tetal	P1.1 m / 40	000		0.000
1.500 units 155 pkgs 232.500 units 10,000 units 19 pkgs 95.000 units 10,000 units 3 pkgs 30,000 units 357.500 units 357.500 units 357.500 units 357.500 units 357.500 units 357.500 units 329 pkgs 1.645 c.c. 329 pkgs 360 c.c. 36 pkgs 37 pkg 36 pkgs 37 pkg 36 pkg 37 pkg 36 pkg 37 pkg 36 pkg 37	Dick Test—10 persons	627	pkgs.	6.270 persons
Total S7,000 units 19 pkgs 95,000 units 10,000 units 3 pkgs 30,000 units 3 pkgs 36,000 units 375,500 units 375,500 units 375,500 units 375,500 units 375,500 units 375,500 units 329 pkgs 1,645 c.c. 320 pkgs 360 c.c. 36 pkgs 288 c.c. 36 pkgs 360 c.c. 36 pkgs 288 c.c. 36 pkgs 360 pkgs 360 pkg 36	Tetanus:			
Total S7,500 units S7,500 units Total S7,500 units	1,500 units	155	pkgs.	232,500 units
Total	5,000 units			
Anti-Meningococcus—20 cc. Vial S7 pkgs. 1,740 units	10,000 units	3	pkgs.	30,000 units
Anti-Meningococcus—20 cc. Vial S7 pkgs. 1,740 units				
Pertussis:	Total			357,500 units
Pertussis:	4-11-25-1	07	-1	1 740 11-
Total Sec. 18 pkgs 1,645 c.c. 20 c.c. 18 pkgs 288 c.c. 360 c.c. 360 pkgs 288 c.c. 288 c.c. 288 c.c. 2293 c.c.	Anti-Meningococcus—20 cc. Vial	87	pkgs.	1,740 units
20 c.c. 18 pkgs. 360 c.c. 8 c.c. 36 pkgs. 288 c.c.		- The same of the same	ALC: C	1300000000
Staphylococcus Toxoid—2 c.c. Vial 324 pkgs. 648 c.c.				
Total 324 pkgs 648 c.c.				
Staphylococcus Toxoid—2 c.c. Vial 324 pkgs. 648 c.c.	8 c.c.	36	pkgs.	288 c.c.
Staphylococcus Toxoid—2 c.c. Vial 324 pkgs. 648 c.c.				0.000
Staphylococcus Antitoxin:	Total			2,293 c.c.
Staphylococcus Antitoxin:	Ctanbulancous Tourid 2 as Viel	994	m la ma	648
Total		324	pkgs.	648 C.C.
Total			all and the	
Total				
Anti-Pneumococcus Serum—20.000 units (Type 1) 36 pkgs. 720,000 units	10,000 units	45	pkgs.	450,000 units
Anti-Pneumococcus Serum—20.000 units (Type 1) 36 pkgs. 720,000 units	Total			F00 000 11
COMMERCIAL VALUE OF WORK IF MINIMUM CHARGE WERE MADE				
Sputum 937 \$ 1.00 \$ 937.00 Diphtheria 2.482 1.00 2.482.00 Typhoid Fever 375 1.00 375.00 Milks 1.381 3.00 4.143.00 Waters 1.719 10.00 17.190.00 Miscellaneous Examinations 2.766 3.00 8.298.00 Mothers' Milks 2 2.00 4.00 Urinalysis 123 3.00 369.00 Medico-Legal Examinations 15 5.00 75.00 Bloods for Wassermann Test 26.295 3.50 92.032.50 Smears for the Gonococcus 5.736 1.00 5.736.00 Icterus Index and Van Den Berg Determination 4.088 1.00 4.088.00 Pathological Histological Material 8.576 5.00 42.880.00 Blood Smear Examinations 1.75 2.00 114.00 Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1.753 2.00 3.506.00 <td< td=""><td>AUtal</td><td></td><td></td><td>500,000 units</td></td<>	AUtal			500,000 units
Diphtheria 2.482 1.00 2.482.00 Typhoid Fever 375 1.00 375.00 Milks 1.381 3.00 4.143.00 Waters 1.719 10.00 17.190.00 Miscellaneous Examinations 2.766 3.00 8.298.00 Mothers' Milks 2 2.00 4.00 Urinalysis 123 3.00 369.00 Medico-Legal Examinations 15 5.00 75.00 Bloods for Wassermann Test 26.295 3.50 92.032.50 Smears for the Gonococcus 5.736 1.00 5.736.00 Icterus Index and Van Den Berg Determination 4.088 1.00 4.088.00 Pathological Histological Material 8.576 5.00 42.880.00 Post-mortem Examinations 1.753 2.00	Anti-Pneumococcus Serum—20.000 units (Type	36	pkgs.	720,000 units
Diphtheria 2.482 1.00 2.482.00 Typhoid Fever 375 1.00 375.00 Milks 1.381 3.00 4.143.00 Waters 1.719 10.00 17.190.00 Miscellaneous Examinations 2.766 3.00 8.298.00 Mothers' Milks 2 2.00 4.00 Urinalysis 123 3.00 369.00 Medico-Legal Examinations 15 5.00 75.00 Bloods for Wassermann Test 26.295 3.50 92.032.50 Smears for the Gonococcus 5.736 1.00 5.736.00 Icterus Index and Van Den Berg Determination 4.088 1.00 4.088.00 Pathological Histological Material 8.576 5.00 42.880.00 Post-mortem Examinations 1.753 2.00	Anti-Pneumococcus Serum—20.000 units (Type	36	pkgs.	720,000 units
Typhoid Fever 375 1.00 375.00 Milks 1,381 3.00 4,143.00 Waters 1,719 10.00 17,190.00 Miscellaneous Examinations 2,766 3.00 8,298.00 Mothers' Milks 2 2.00 4.00 Urinalysis 123 3.00 369.00 Medico-Legal Examinations 15 5.00 75.00 Bloods for Wassermann Test 26,295 3.50 92,032.50 Smears for the Gonococcus 5,736 1.00 5,736.00 Icterus Index and Van Den Berg Determination 4,088 1.00 4,088.00 Pathological Histological Material 8,576 5.00 42,880.00 Blood Smear Examinations 57 2.00 114.00 Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1,753 2.00 3,506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363	Anti-Pneumococcus Serum—20.000 units (Type COMMERCIAL VALUE OF WORK IF I	MINIMUM CHA	pkgs.	720,000 units
Milks 1,381 3.00 4,143.00 Waters 1,719 10.00 17,190.00 Miscellaneous Examinations 2,766 3.00 8,298.00 Mothers' Milks 2 2.00 4.00 Urinalysis 123 3.00 369.00 Medico-Legal Examinations 15 5.00 75.00 Bloods for Wassermann Test 26.295 3.50 92,032.50 Smears for the Gonococcus 5.736 1.00 5.736.00 Icterus Index and Van Den Berg Determination 4,088 1.00 4,088.00 Pathological Histological Material 8,576 5.00 42,880.00 Blood Smear Examinations 57 2.00 114.00 Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1,753 2.00 3,506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF I	937 36 MINIMUM CHA	pkgs. RGE WER	720,000 units E MADE \$ 937.00
Waters 1,719 10.00 17,190.00 Miscellaneous Examinations 2,766 3.00 8,298.00 Mothers' Milks 2 2.00 4.00 Urinalysis 123 3.00 369.00 Medico-Legal Examinations 15 5.00 75.00 Bloods for Wassermann Test 26,295 3.50 92,032.50 Smears for the Gonococcus 5,736 1.00 5,736.00 Icterus Index and Van Den Berg Determination 4,088 1.00 4,088.00 Pathological Histological Material 8,576 5.00 42,889.00 Pathological Fluid Examinations 57 2.00 114.00 Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1,753 2.00 3,506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 487 2	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria	937 2,482	pkgs. RGE WER \$ 1.00 1.00	720,000 units E MADE \$ 937.00 2,482.00
Miscellaneous Examinations 2,766 3.00 8,298.00 Mothers' Milks 2 2.00 4.00 Urinalysis 12 3.00 369.00 Medico-Legal Examinations 15 5.00 75.00 Bloods for Wassermann Test 26.295 3.50 92.032.50 Smears for the Gonococcus 5.736 1.00 5.736.00 Icterus Index and Van Den Berg Determination 4.088 1.00 4.088.00 Pathological Histological Material 8.576 5.00 42.880.00 Blood Smear Examinations 57 2.00 114.00 Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1.753 2.00 3.506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever	937 2,482 375	pkgs. RGE WER \$ 1.00 1.00 1.00	720,000 units E MADE \$ 937.00 2,482.00 375.00
Mothers' Milks 2 2.00 4.00 Urinalysis 123 3.00 369.00 Medico-Legal Examinations 15 5.00 75.00 Bloods for Wassermann Test 26.295 3.50 92.032.50 Smears for the Gonococcus 5.736 1.00 5.736.00 Icterus Index and Van Den Berg Determination 4.088 1.00 4.088.00 Pathological Histological Material 8.576 5.00 42.880.00 Blood Smear Examinations 57 2.00 114.00 Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1.753 2.00 3.506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432	Anti-Pneumococcus Serum—20.000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks	937 2,482 375 1,381	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00
Medico-Legal Examinations 15 5.00 75.00 Bloods for Wassermann Test 26,295 3.50 92,032.50 Smears for the Gonococcus 5.736 1.00 5.736.00 Icterus Index and Van Den Berg Determination 4,088 1.00 4,088.00 Pathological Histological Material 8,576 5.00 42,880.00 Blood Smear Examinations 57 2.00 114.00 Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1.753 2.00 3,506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters	937 2.482 375 1.381 1,719	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17,190.00
Medico-Legal Examinations 15 5.00 75.00 Bloods for Wassermann Test 26.295 3.50 92,032.50 Smears for the Gonococcus 5.736 1.00 5.736.00 Icterus Index and Van Den Berg Determination 4.088 1.00 4.088.00 Pathological Histological Material 8.576 5.00 42.880.00 Pathological Fluid Examinations 57 2.00 114.00 Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1.753 2.00 3.506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Va	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations	937 2,482 375 1,381 1,719 2,766	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00	720,000 units E MADE \$ 937.00 2.482.00 375.00 4.143.00 17.190.00 8.298.00
Smears for the Gonococcus 1.00 5.736.00 Icterus Index and Van Den Berg Determination 4,088 1.00 4,088.00 Pathological Histological Material 8.576 5.00 42.880.00 Blood Smear Examinations 57 2.00 114.00 Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1.753 2.00 3,506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 B. Tularensis 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20.000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis	937 2,482 375 1,381 1,719 2,766 2	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 2.00	720,000 units E MADE \$ 937.00 2.482.00 375.00 4.143.00 17.190.00 8.298.00 4.00
Icterus Index and Van Den Berg Determination	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations	937 2,482 375 1,381 1,719 2,766 2 123 15	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 2.00 3.00 5.00	720,000 units E MADE \$ 937.00 2.482.00 375.00 4.143.00 17.190.00 8.298.00 4.00 369.00 75.00
mination 4.088 1.00 4.088.00 Pathological Histological Material 8.576 5.00 42.880.00 Blood Smear Examinations 57 2.00 114.00 Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1.753 2.00 3.506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF II Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 2.00 3.00 5.00 3.50	720,000 units E MADE \$ 937.00 2.482.00 375.00 4.143.00 17.190.00 8.298.00 4.00 369.00 75.00 92,032.50
Pathological Histological Material 8,576 5.00 42,880.00 Blood Smear Examinations 57 2.00 114.00 Ascheim Zondek Test 17 5.00 585.00 Cerebro-spinal Fluid Examinations 1.753 2.00 3,506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20.000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 2.00 3.00 5.00 3.50	720,000 units E MADE \$ 937.00 2.482.00 375.00 4.143.00 17.190.00 8.298.00 4.00 369.00 75.00 92,032.50
Blood Smear Examinations 57 2.00 114.00	Anti-Pneumococcus Serum—20.000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Deter-	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736	pkgs. RGE WER \$ 1.00 1.00 2.00 10.00 3.00 2.00 3.00 5.00 3.50 1.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17,190.00 8,298.00 4,00 369.00 75.00 92,032.50 5,736.00
Ascheim Zondek Test 117 5.00 585.00 Cerebro-spinal Fluid Examinations 1,753 2.00 3,506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF II Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 2.00 3.00 5.00 3.50 1.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17,190.00 8,298.00 4.00 369.00 75.00 92,032,50 5,736.00 4,088.00
Cerebro-spinal Fluid Examinations 1,753 2.00 3,506.00 Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF II Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material	91)	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 2.00 3.00 5.00 3.50 1.00 1.00 5.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17,190.00 8,298.00 4.00 369.00 75.00 92,032.50 5,736.00 4,088.00 42,880.00
Post-mortem Examinations (Bacteriological) 113 5.00 565.00 B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20.000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 2.00 3.00 5.00 1.00 1.00 1.00 2.00 2.00 2.00	720,000 units E MADE \$ 937.00 2.482.00 375.00 4.143.00 17.190.00 8.298.00 4.00 369.00 75.00 92,032.50 5.736.00 4.088.00 4.088.00 42.880.00 114.00
B. Abortus Examinations 363 1.00 363.00 B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20.000 units (Type COMMERCIAL VALUE OF WORK IF II Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 3.00 5.00 1.00 1.00 5.00 5.00 5.00 5.00 5	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17.190.00 8,298.00 40.00 75.00 92,032.50 5,736.00 4,088.00 42,880.00 114.00 585.00
B. Tularensis 363 1.00 363.00 Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF II Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test Cerebro-spinal Fluid Examinations	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57 117 1,753	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 2.00 3.50 1.00 1.00 5.00 2.00 5.00 2.00 2.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17,190.00 8,298.00 4,00 369.00 75.00 92,032.50 5,736.00 4,088.00 42,880.00 114.00 585.00 3,506.00
Chicken Blood Examinations 86,765 .03 2,602.95 Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF II Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test Cerebro-spinal Fluid Examinations Post-mortem Examinations (Bacteriological)	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57 117 1,753 113	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 2.00 3.00 5.00 3.50 1.00 1.00 5.00 2.00 5.00 5.00 5.00 5.00 5.00 5	720,000 units E MADE \$ 937.00 2.482.00 375.00 4.143.00 17.190.00 8.298.00 4.00 369.00 75.00 92,032.50 5.736.00 4.088.00 42,880.00 114.00 585.00 3.506.00 565.00
Cattle Blood Examinations 487 .20 97.40 Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20.000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test Cerebro-spinal Fluid Examinations Post-mortem Examinations Post-mortem Examinations B. Abortus Examinations	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57 117 1,753 113 363	pkgs. **1.00 1.00 1.00 3.00 10.00 3.00 2.00 3.50 1.00 1.00 5.00 2.00 5.00 2.00 5.00 2.00 5.00 2.00 5.00 2.00 5.00 2.00 5.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17,190.00 8,298.00 4,00 369.00 75.00 92,032.50 5,736.00 4,088.00 42,880.00 114.00 585.00 3,506.00 565.00 363.00
Typhoid Vaccine (25 cc. quantity) 432 1.00 432.00 Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20.000 units (Types COMMERCIAL VALUE OF WORK IF IT Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test Cerebro-spinal Fluid Examinations Post-mortem Examinations (Bacteriological) B. Abortus Examinations B. Tularensis	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57 117 1,753 113 363 363	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 3.00 3.00 3.00 5.00 3.50 1.00 5.00 2.00 5.00 2.00 5.00 1.00 1.00 1.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17.190.00 8,298.00 40.00 75.00 92,032.50 5,736.00 4,088.00 42,880.00 114.00 585.00 3,506.00 363.00 363.00
Autogenous Vaccine (25 cc. quantity) 8 5.00 40.00 B.C.G. Vaccine (10 cc. quantity) 332 3.00 996.00 Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test Cerebro-spinal Fluid Examinations Post-mortem Examinations (Bacteriological) B. Abortus Examinations B. Tularensis Chicken Blood Examinations	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57 117 1,753 113 363 363 86,765	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 2.00 3.50 1.00 1.00 2.00 5.00 2.00 5.00 2.00 5.00 1.00 1.00 1.00 1.00 1.00 1.00 1	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17,190.00 8,298.00 4,00 369.00 75.00 92,032.50 5,736.00 4,088.00 42,880.00 114.00 585.00 3,506.00 565.00 363.00 363.00 2,602.95
Poliomyelitis Serum (20 cc. quantity) 356 2.50 890.00	Anti-Pneumococcus Serum—20.000 units (Types COMMERCIAL VALUE OF WORK IF IT Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test Cerebro-spinal Fluid Examinations Post-mortem Examinations (Bacteriological) B. Abortus Examinations B. Tularensis Chicken Blood Examinations Cattle Blood Examinations Typhoid Vaccine (25 cc. quantitiy)	91) 36 MINIMUM CHAI 937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57 117 1,753 113 363 363 363 86,765 487	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 3.00 5.00 3.50 1.00 1.00 5.00 2.00 5.00 2.00 5.00 1.00 1.00 1.00 1.00 1.00 1.00 1	720,000 units E MADE \$ 937.00 2.482.00 375.00 4.143.00 17.190.00 8.298.00 4.00 369.00 75.00 92.032.50 5.736.00 4.088.00 42.880.00 114.00 585.00 3.506.00 565.00 363.00 2.602.95 97.40
	Anti-Pneumococcus Serum—20.000 units (Types COMMERCIAL VALUE OF WORK IF IT Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test Cerebro-spinal Fluid Examinations Post-mortem Examinations (Bacteriological) B. Abortus Examinations B. Tularensis Chicken Blood Examinations Cattle Blood Examinations Typhoid Vaccine (25 cc. quantity) Autogenous Vaccine (25 cc. quantity)	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57 117 1,753 113 363 363 363 86,765 487 432 8	pkgs. RGE WER \$ 1.00 1.00 1.00 3.00 10.00 3.00 5.00 3.50 1.00 5.00 2.00 5.00 2.00 5.00 1.00 1.00 1.00 1.00 1.00 1.00 1	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17.190.00 8,298.00 40.00 75.00 92,032.50 5,736.00 4,088.00 42,880.00 114.00 585.00 3,506.00 363.00 363.00 2,602.95 97.40 432.00 40.00
Total 145,641 \$189,163.85	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test Cerebro-spinal Fluid Examinations Post-mortem Examinations (Bacteriological) B. Abortus Examinations B. Tularensis Chicken Blood Examinations Cattle Blood Examinations Cattle Blood Examinations Typhoid Vaccine (25 cc. quantity) Autogenous Vaccine (10 cc. quantity) B.C.G. Vaccine (10 cc. quantity)	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57 117 1,753 113 363 363 363 86,765 487 432 8	pkgs. RGE WER \$ 1.00 1.00 2.00 3.00 2.00 3.50 1.00 5.00 2.00 5.00 2.00 5.00 1.00 1.00 1.00 1.00 3.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17,190.00 8,298.00 4,00 369.00 75.00 92,032.50 5,736.00 4,088.00 42,880.00 114.00 585.00 3,506.00 565.00 363.00 2,602.95 97.40 432.00 40.00 996.00
10tal \$189,163.85	Anti-Pneumococcus Serum—20,000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test Cerebro-spinal Fluid Examinations Post-mortem Examinations (Bacteriological) B. Abortus Examinations B. Tularensis Chicken Blood Examinations Cattle Blood Examinations Cattle Blood Examinations Typhoid Vaccine (25 cc. quantity) Autogenous Vaccine (10 cc. quantity) B.C.G. Vaccine (10 cc. quantity)	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57 117 1,753 113 363 363 363 86,765 487 432 8	pkgs. RGE WER \$ 1.00 1.00 2.00 3.00 2.00 3.50 1.00 5.00 2.00 5.00 2.00 5.00 1.00 1.00 1.00 1.00 3.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17,190.00 8,298.00 4,00 369.00 75.00 92,032.50 5,736.00 4,088.00 42,880.00 114.00 585.00 3,506.00 565.00 363.00 2,602.95 97.40 432.00 40.00 996.00
	Anti-Pneumococcus Serum—20.000 units (Type COMMERCIAL VALUE OF WORK IF I Sputum Diphtheria Typhoid Fever Milks Waters Miscellaneous Examinations Mothers' Milks Urinalysis Medico-Legal Examinations Bloods for Wassermann Test Smears for the Gonococcus Icterus Index and Van Den Berg Determination Pathological Histological Material Blood Smear Examinations Ascheim Zondek Test Cerebro-spinal Fluid Examinations Post-mortem Examinations (Bacteriological) B. Abortus Examinations B. Tularensis Chicken Blood Examinations Cattle Blood Examinations Typhoid Vaccine (25 cc. quantity) Autogenous Vaccine (25 cc. quantity) Poliomyelitis Serum (20 cc. quantity)	937 2,482 375 1,381 1,719 2,766 2 123 15 26,295 5,736 4,088 8,576 57 117 1,753 113 363 363 363 86,765 487 432 8 332 356	pkgs. RGE WER \$ 1.00 1.00 2.00 3.00 2.00 3.50 1.00 5.00 2.00 5.00 2.00 5.00 1.00 1.00 1.00 1.00 3.00	720,000 units E MADE \$ 937.00 2,482.00 375.00 4,143.00 17,190.00 8,298.00 4,00 369.00 75.00 92,032.50 5,736.00 4,088.00 42,880.00 114.00 585.00 3,506.00 363.00 363.00 363.00 2,602.95 97.40 432.00 40.00 996.00 890.00

Post-mortem Examinations not included.

Public Health Nursing Division

(Kate S. Brighty, R.N., Superintendent)

The total number of districts and centres served by Provincial Public Health nurses are as follows: Edmonton, Calgary, Medicine Hat-Redcliff, Vegreville, Stanmore-Youngstown, Drumheller, Notikewin, Valley View, Kinuso, Blueberry Mountain, Fort Assiniboine, Pendryl, Peers, Smith, Worsley, Tangent, Hines Creek, Fawcett, Lindale, Plamondon, and Vauxhall.

There are 20 members of the permanent nursing staff with additional nurses on relief duty during the summer months. The following nurses resigned from the staff during the year: Miss Alvina Cyr, Miss Janet Munroe, Miss Jean Caldwell and Miss Hilda Fairhurst, who resigned to be married. Miss Marie Swan resigned to take the Central Midwifery Board Course of Nursing in England.

Leave of absence was granted to Miss Irene Stewart to take her Central Midwifery Board Course of Nursing in the Queen Charlotte Hospital, London, England.

Miss Margaret E. Carpenter was transferred from this staff to the staff of the Central Alberta Sanatorium at Calgary.

The temporary appointment of Miss Mary Plant was concluded in October. Miss Plant has been appointed Public Health Nurse by the Municipal District of Woodford No. 550, and continues to be supervised from this office.

Nursing service in the district of Wanham, in the Peace River country, once served by a Provincial Public Health nurse, was reestablished during the summer. The service in this district is now financed by the community under an agreement with the Grande Prairie Municipal Hospital Board by a grant made available to the community to assist in maintaining the service. The nurse receives supervision from this office. Miss Muriel Grant received the appointment of district nurse for the Wanham community, having had previous experience in the teaching centre at Alder Flats.

Miss Marjorie Maynes and Miss Evelyn Waddell returned to the staff after completing post-graduate courses in Public Health at the University of British Columbia, Vancouver, and McGill University, Montreal, respectively.

Miss Olive F. Watherston, after her leave of absence abroad, was appointed to serve as district nurse in the Lindale district.

The district of Notikewin was closed, and the work in that field taken over by the W.M.S. of the United Church. A hospital was erected adjoining the nurse's cottage, and a physician appointed to take charge of the service by the W.M.S.

In Edmonton, the Child Welfare Clinic is supervised by Miss Blanche A. Emerson. During the outbreak of Poliomyelitis it was deemed necessary to close the clinics for over three weeks in September. This lowered the total attendance somewhat, but the attendance on the whole has been very gratifying. Ninety-five Child Welfare clinics were held during the year with an average attendance of 55, the total attendance being 5,235, and the number of home visits 3,608. Ninety-six out-of-town cases visited the clinic during the year. Sixty-one letters were received from rural districts requesting information regarding the care and feeding of infants. In addition to the above, visits have been made to diabetic cases, children's shelters and private nursing homes. Creche meetings have been attended and cases investigated as to eligibility for Creche service.

In Calgary the Child Welfare Clinic is supervised by Miss Marion F. Lavell. One hundred and four regular clinics were held, the total attendance being 3,205. In addition, 249 clinics were conducted by nurses alone, with a total attendance of 3,462, making a grand total of 6,667 in attendance; 1,743 home visits were made during the year, and 49 out of town cases attended the clinic.

In addition to Miss Lavell's regular duties in connection with the Child Welfare Clinic, a large number of inspections are made each year; 25 baby shelters and private hospitals have been inspected during this year, with a total of 88 visits. Miss Lavell also checked 18 insulin cases, and several letters were sent to outside points with advice concerning the care and feeding of infants.

The Child Welfare clinics in Edmonton and Calgary are used as teaching centres for medical students, student nurses, and students in home economics.

In Medicine Hat and Redcliff the Child Welfare clinics are supervised by Miss M. E. Hagerman. During the year 124 Child Welfare clinics were held, with a total attendance of 1,627, and 1,329 home visits were made.

In addition to the above, Miss Hagerman's duties include the nursing service in connection with the Tuberculosis clinics and Mental Hygiene clinics as well as attendance at the weekly Social Hygiene Clinic. In connection with these clinics 73 follow-up visits were made. Miss Hagerman also assisted in a programme of immunization against Scarlet Fever and Diphtheria; 345 children were immunized against Scarlet Fever and 271 against Diphtheria. Regular clinics are held twice a month in the town of Redcliff, eight miles distant from Medicine Hat, and rural Child Welfare clinics in nearby centres during the summer months.

In the town of Vegreville and the Municipal District of Norma No. 515, Miss Mary R. Black carries on a generalized programme of Public Health nursing and Child Welfare work. Routine school inspections are conducted in both the town and rural schools, and a close check up is kept on communicable disease cases and contacts. Toxoid and vaccination campaigns are also carried out. Miss Black's office is in the Court House, where she conducts weekly Child Welfare clinics.

In the city of Drumheller and the adjoining Local Improvement District No. 276, the work is supervised by Miss Ethel Jones, who conducts a generalized programme of Public Health nursing in that city and district. A Child Welfare clinic is held in her office in Drumheller each week.

An extensive Anti-Tuberculosis campaign is carried on in this district; 13 Tuberculosis clinics were held, and Miss Jones assisted with an extensive survey of school children; 2,192 children were given tuberculin tests, and 2,500 health pamphlets were distributed. Miss Jones also assisted at three Mental Hygiene clinics and referred one child to the Institute of the Blind for treatment.

In the Municipal District of Richdale No. 274 and Sounding Creek No. 273 with Stanmore as centre, Miss M. E. Carpenter conducted a modified bedside nursing service in addition to the generalized programme of Public Health nursing in the rural schools. This service was concluded in December.

The following is the statistical report of the work done in the districts of Drumheller, Vegreville and Stanmore:

STATISTICAL REPORT

First inspection	3.933	With defective vision	333
Second inspection	921	With defective hearing	64
Classroom inspections	29	With throat symptoms	672
Number not vaccinated	539	With adenoid symptoms	136
Number with defects	1.597	With carious teeth	939
Number smallpox vaccinations	196	With malnutrition	346
Diphtheria toxoid	1,489	With faulty posture	53
Scarlet Fever inoculation	355	Glasses fitted	43
Schoolroom talks	16	Glasses refitted	10
Home visits	552	T. and A. operations	157
Child Welfare clinics	88	Dental treatments	191
Attendance at clinics	725	Medical treatments	41
T.B. clinics	10	Attendance at T.B. clinics	193

The Emergency Hospital in the Women's Building at the Edmonton Exhibition was in charge of Miss Blanche Emerson assisted by student nurses from the city hospitals. One hundred and two cases were treated during the week.

District Nursing Service.

The districts of Notikewin, Valley View, Kinuso, Fawcett, Peers, Pendryl, Smith, Worsley, Hines Creek, Tangent, Lindale, Blueberry Mountain, Fort Assiniboine, Plamondon, Vauxhall and Wanham are all nursing centres established in improvement districts and considered by the Provincial Nursing Branch as district nursing centres. Nurses serving these centres have had special training and experience in obstetrics, and show particular ability in carrying on such a programme of work in isolated communities. The service in Vauxhall district was discontinued during the month of September.

During the year 238 obstetrical cases and 36 abortions were attended. No maternal deaths occurred. In commenting on the number of abortions, the nursing staff express the opinion that the contributing factors are malnutrition, heavy farm work and self-induced abortions. In addition to the obstetrical and general work carried on in these districts, the nurse makes regular inspections of school children, taking advantage of the opportunity to immunize the children against preventable diseases. The nurse's social contacts in the community is often the means of assisting families in solving difficult problems. Our nurses are in close contact with various health and social agencies, both provincial and voluntary, throughout the Province.

Attention should be drawn to the fees collected in these isolated districts this year, which amount to \$1,457.07. This amount covers the purchase of three-quarters of the drug supplies and medical equipment sent in to these districts.

The following is the statistical report of the work done in the districts:

STATISTICAL REPORT

Number home visits	4.336	Number child welfare visits	367
Office consultations		Number deaths (under 1 year)	28
Number dressings	1,606	(4 stillborn included)	
Number medical cases	5.455	Number deaths (over 1 year)	35
Number surgical cases	693	Cases sent to hospital	259
Number obstetrical cases	238	Visits to Indian Reserves	62
Number abortions		Dental extractions	. 74
Number pre-natal visits	310	Number vaccinated	176
Pre-natal consultations	699		685
Post-natal consultations	33	Number taken to dentist	8
Number pupils inspected	171	Fees collected \$1,4	57.07

Travelling Clinic.

The Travelling Clinic visited the following districts during the summer: Enchant, Vauxhall, Burdett, Whitla, Milk River, Manyberries, Walsh, Schuler, Hilda, Cessford, Sunnybrook, Youngstown, New Brigden, Altario, Endiang, Tomahawk.

Dr. C. E. Holmes, surgeon in charge; Dr. E. Hitchins, anaesthetist; Dr. A. E. Heacock and Dr. H. Gilchrist, dentists; Miss Olive F. Watherston, senior nurse, with two nurses and two truck drivers, made up the personnel of the clinic.

A preliminary survey of each clinic centre was made by Miss Amy L. Conroy, Public Health nurse, who saw that local committees were appointed and local organization perfected. This advance work is necessary in order that the clinic may function efficiently in each centre visited. The following is the statistical report:

STATISTICAL REPORT

Number clinics held Number children examined Recommended for T. and A. Recommended for circumcision Recommended for stripping Number T. and A. operations Number strippings Number circumcisions		Referred to physician Referred to hospital Number prescribed for Number anaesthetics Number anaesthetics (for teeth only) Number minor operations Number vaccinations	58 14 427 510 166 4 1,329
DE	NTIST'S	REPORT	
Number children examined Number recommended for treatmer Number given treatment Number fillings Number extractions	1t		2.543 1,008 548 424 993

A series of radio talks dealing with "Health in the Home" was given over CKUA. Addresses were given to women's organizations in various parts of the Province and lectures in Public Health to nurses in training in three of the city hospitals.

Special work was conducted in the following centres:

A booth at the Medicine Hat Annual Fair, at which health talks and demonstrations were given, was in charge of Miss M. E. Hagerman, Public Health nurse.

At the "Hanna Health Week" during the month of May, Miss Amy L. Conroy, Public Health nurse, gave talks and demonstrations on home nursing and first aid. Miss Conroy also conducted a survey and assisted at a tonsil and adenoid clinic in St. Paul's Hospital, Rimbey. In the month of July, Miss Conroy conducted a survey of the schools in the Elk Point Municipal Hospital District No. 18 as part of their programme for "Hospital Week."

In November, Miss Conroy visited the Larkin S.D. No. 4332 in connection with an outbreak of Whooping Cough, and gave talks on personal hygiene and the prevention of infectious diseases.

The Alberta Mother's Books and other literature dealing with health have been distributed by this Branch as in previous years; 903 sets of pre-natal letters, 1,450 sets of post-natal letters, and 1,213 sets of pre-school letters have been sent out on request to mothers in the Province, making in all 3,566 sets of these letters published by the Canadian Welfare Council of Ottawa which have been distributed by this Branch during the year.

All districts in the northern section of the Province were visited during the year.

Our sincere appreciation is extended to members of the medical profession who have given so generously of their time to the Child Welfare Clinics in various centres throughout the entire year. We also desire to express our sincere appreciation of the continued interest of service clubs, philanthropic organizations and various women's organizations in the Province, whose splendid co-operation has been of great assistance and an inspiration to our staff.

Hospitals Division

(L. A. Patterson, C.A., Secretary of Department of Public Health)

The total number of hospitals approved under the provisions of The Hospitals Act of the Province of Alberta, as at the 31st of December, 1937, was 86.

The total grant paid to hospitals and homes for the year 1937 amounts to \$450,838.85.

The approved hospitals had a total bed capacity of 4,515, divided as follows: General 2,415, maternity 653, infants, 644, paediatrics 384, isolation 228, tuberculosis 191. These figures do not include the Central Alberta Sanatorium, which has accommodation for 210 patients. For further detail see the report of Tuberculosis Division.

On the basis of a population in the Province of 778,000, we had one hospital bed for every 172 of the population, or 6 beds per 1,000 population; 84,175 patients were treated during the year, and received 1,042,089 days' treatment. This means that in 1937 hospital treatment was provided for 10.8 per cent. of the population, or 1 in every 9 persons.

There was an average daily admission of patients to hospital of 230.6. The average number of days spent in hospital by each patient was 12.4.

If the isolation cases and Orthopaedic, S.C.R. and Tuberculosis cases in the University Hospital, Royal Alexandra Hospital and General Hospital were eliminated, this would be reduced to an average of 11.3. The average number of patients in hospital daily was 2,536.0, or 1 in every 306.7 of our population. Each bed provided accommodation for 18.6 patients during the year.

The nursing staff of the approved hospitals consisted of 580 graduate nurses, 711 pupil nurses and 274 other attendants.

There were 10 nurses' training schools in the Province, and the number of nurses who graduated during the year was 197. There were 16 dietitians employed.

During the year 10,892 maternity cases were cared for. These cases comprised 12.9 per cent. of the total cases admitted.

Living births were: Male 5,002, female 4,947, making a total of 9,949. Multiple births totalled 80, and there were 296 stillborn.

The maternal deaths reported were 30, thus giving a total death rate of .28 per cent. of total maternity cases admitted, and 3.0 per 1,000 living births.

The living births in Alberta for 1937 were 15,110. Of this number, 65.8 per cent. took place in Government approved hospitals.

The approved hospitals reported that 25,237 general anaesthetics were administered, and 4 deaths occurred from these.

There were 468 autopsies performed. Infections developed in hospital totalled 264, divided into: Medical 95, surgical 104, obstetrical: mothers 40, infants 25.

The number of communicable disease cases treated, excluding Typhoid Fever and Tuberculosis, totalled 2,082; Typhoid Fever numbered 83 and Tuberculosis reported by general hospitals, 340. For further details regard Tubercular cases admitted, see special report.

Amongst other cases treated in hospital, there were 1,502 cardiac, 770 rheumatic, 569 goitre, 534 venereal, and 884 malignant.

There were 284 deaths within ten days of surgical operations and 546 within 48 hours after admission. Communicable diseases accounted for 164 deaths.

The approved hospitals reported 190,025 laboratory examinations and 47,314 X-ray examinations.

The total operating expenditure of approved hospitals for the year 1937 was \$2,904,705.59, divided as follows: Administration \$305,207.51, professional care \$1,048,405.92, kitchen and dining room \$696,569.32, general house and property \$571,045.82, and maintenance \$283,477.02.

Earnings of these hospitals amounted to \$3,565,054.23.

On referring to the details of the earnings, a difference will be noted in the total amounts shown as paid by Government grant and the amount stated previously in this report. This is accounted for by the fact that homes have not been included in this report, and quite a number of the hospitals presented financial statements covering a fiscal year which differs from the calendar year.

Of the earnings shown, \$463,734.47 was from Government grant; patients' fees earned amounted to \$2,489,407.74; donations of cash and services were \$92,321.01; taxes for municipal hospital purposes were \$250,955.93; the sundry earnings amounted to \$147,451.14.

The average cost per patient day was \$2.79. Excluding the Isolation, Junior Red Cross, University Hospital and hospitals operating wards for incurables, the average cost was \$2.71. The average earnings per patient day was \$3.41. The average cost was divided as follows: Administration 10.5%, professional care 36.1%, kitchen and dining room 23.9%, house and property, 19.7%, and maintenance 9.8%.

The statistical and financial information given in this report has been obtained from financial and statistical returns received from the approved hospitals for the year 1937.

The following statements are submitted giving the details of each approved hospital in the Province:

No. 1—Bed capacity, number of patients, number of days, nursing staff, etc.

No. 2—Nursing statistics, cases treated, anaesthetics, autopsies, etc.

No. 3—Expenses of administration, professional care, kitchen and dining room, house and property, maintenance, reserves and capital repayments.

No. 4-Revenues.

No. 5—Costs per patient day and earnings per patient day with percentage of costs under the different divisions of expenses.

MUNICIPAL HOSPITALS

The statistics of Municipal Hospitals will be found with the other approved hospitals of the Province.

DEPARTMENT OF PUBLIC HEALTH

No. 1—STATISTICS OF ALBERTA HOSPITALS, 1937

		DEPARTMENT OF PUBLIC HEALTH
_	Dietitians]
	Affiliation w other hospita for nurses	
-	Nurses gradua during year	111111111111111111111111111111111111111
Bu	Nurses' traini	Y Kes
Staff	Other	141 160 16 16 16 16 16 16 16 16 16 16 16 16 16
	Pupil nurses	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nursing	Graduates	
Treatment	Aver No. of patients in hospital daily	2011.202.202.202.202.202.202.202.202.202
for Trea	Aver. days stay in hospital	2010 2010 1021 1021 1021 1021 1021 1031 103
Admitted for	No. oV hospital days	6.330 6.330 6.108
1000	Lemale	349 186 293 293 293 293 293 293 293 293 293 293
Patients	Male	254 254 254 254 254 254 254 254 254 254
-	Bassinettes	700 110 100 100 100 100 100 100 100 100
	Public	111 111 123 138 138 138 138 138 138 138 138 138 13
	Semi-Private	888777 13887 484 6 118 6 12877 18897
	Private	001010000000000000000000000000000000000
ity	Total	4828212144214588888888888888888888888888
apacity	Tuberculosis	3 2 2 1 1 1 1 1 1 1 1
Bed Ca	Isolation	1 1 4 1 1 5 2 5 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1
B	Paediatrics	20 2 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	stastal	25 55 55 55 55 55 55 55 55 55 55 55 55 5
	Maternity	100 5 6 6 6 6 7 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	General	22 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	Name of Hospital	Athabasca, Municipal Banff, Mineral Springs Barrhead, Barrhead Bassano, Municipal Berntey, Community Berwyn, R.A. of the Peace Bonnyville, St. Louis Bonnyville, St. Louis Calgary, General Calgary, Holy Cross Calgary, Junior Red Cross Calgary, Junior Red Cross Calgary, CARS Caranrose, St. Mary's Caranrose, St. Mary's Carator, Rosary Cartor, Rosary Cartor, Rosary Cartor, Municipal Cold Lake, John Neil Coleman Consort, Municipal Coronation, General Daysland, Providence Daysland, Providence Daysland, Providence Daysland, Providence Daysland, Municipal Coronation, General Edmonton, General Edmonton, General Edmonton, General Edmonton, General Edmonton, General, T.B. Division Edmonton, Royal Alexandra

ANNUAL REPORT, 1937 49
*
Kes 111111111111111111111111111111111111
X Kes
HENT H REST EN HAA BEST F WARES WARESBURGE H H
8 1111111111111118811111111111111111111

828. 848. 848. 848. 848. 848. 848. 848.
245.1 245.1
83, 717 7, 293 7, 293 7, 293 7, 293 7, 293 7, 294 8, 29
2,513 1,634 1,634 1,938 1,
2,533 488 488 488 500 260 260 260 260 102 103 11,61
T
5 000 000 000 000 000 000 000 000 000 0
8 8 8 8 8 8 8 4 4 4 4 5 8 8 8 8 8 8 8 8
28 28 28 28 28 28 28 28 28 28 28 28 28 2
85 828 828 828 828 828 828 828 828 828 8
1 2 12 442 Z2HH H 6 8 HH H
5
F 74 4450491-844848F 124078 9874 444746087460480480480
F
246 1123 83 83 83 83 83 83 83 83 83 83 83 83 83
Edmonton, University (Civilian) Edmonton, University (S.C.R.) Edmonton, University (S.C.R.) Edmonton, University (Orthopaedic) Edson, S. John's Edson, S. John's Edson, S. John's Edson, St. John's Edson, St. Joseph's Grande Prairie, Municipal Hardisty, St. Anne's High Prairie, Community High Prairie, Community High Prairie, Community High River, Municipal Hardisty, St. Anne's High Prairie, Community High River, Municipal Islay, Islay, St. Theresa Islay, Municipal Islay, Municipa

No. 1-STATISTICS OF ALBERTA HOSPITALS, 1937-Continued

		DEPAI	RTMENT	Or	PUBL	IC I
	Dietitiana	111		16		
	Affiliation w other hospita for nurses			1		1
bet	Nurses gradua during year			197	1	
Bu	Murses' traini			T		
Staff	Other attendants	21		274		
sing S	Pupil nurses			711		
Nursing	Graduates	2002		580		
Treatment	Aver. No. of patients in hospital daily	16.8 25.5 4.0		12.4 2,855.0	2,536.0	
r Trea	Aver. days stay in hospital	7.7.75		12.4	11.3	
Patients Admitted for	No. oV hospital days	6.152 9.315 1.478		651 33.895 50,280 1,042,089	116,445	925,644
is Adı	Female	364 721 159		50,280	972	19,308
Patient	Male	362 540 108		3,895	1,338	32,557 49,308
	Bassinettes	966		651 3	I	
	Public	30 30 18		2,712		1
	Semi-Private	9	NA PI	687	1	
	Private	942		465		
ity	Total	25.53		191 4515	499	4016
Capacity	Tuberculosis	-		191		
Bed C	Isolation	6161		288	1	-
B	Paediatrics	4		384		
	stasfal	000		644		
	Maternity	91-4		653	1	
	General	26		2.415		
	Name of Hospital	Westlock, Immaculata Wetaskiwin, Community Willingdon, General	Fort Smith (No report). Fort Vermilion (No report). Smoky Lake, Geo. McDougall (Closed parcof year). of year). Spirit River, Community (No report).		Excluding Isolation, T.B. Divisions, Ortho- paedic and S.C.R.	

Martin M	The control				Types o	f Core				3			1-						- 1			1		_	RTA 19		-		Dafe	otions De	eveloped				-	n	esthe .						1	1 8 1		
Maintained Mai	Part		Medical					Non-		110	Livi Birt	ng hi	2	- ALL SE		3	1	1	1	+		-	Service 1	Surg				-		in Hospi	Paris .		Obete	trical			1 2	Within days fre	10 E	1 70	And	20 3	2 .	Beat	33 23	2
Company Comp	The state of the			30.0			- 00	enative	88	100		1	al al	Lancoon .	er forms	1 1	- n	matte co	1.	re coles		1	Section 1	tages	Wallow	-	-	and a	944	To leave	S -	1 5	ports	1	Stere Course	- Control	Property and	chesto	7 1			estimates n	pere la prefer	ay Exam	of taken perceases	Personal dis-
The control of the co	Services 1	Barris Springs Barrisod Municipal Community B.A. of F.	121 Cim 142 115 182 194 888 672 724 688	P. Sunamere	S PRESTRA	THERESES I	SECTIONS	4 8	65 65 65 60 60 60 60 60 60 60 60 60 60 60 60 60	11.4 18.2 15.0 11.2 18.2 14.7 11.4 56.6 11.3	Francia :	HE BURESHED	Carlillala	T EST OF	10	185				S = 20 22 44		H 15	10 10 10 10 10 10 10 10 10 10 10 10 10 1		-	14	10 10 10 10 10 10	1.00	100	W. Commission	4 7	N		No. III assured to	A seek a see	N N N N N	200		A Maria La .	The Mannes of the	Tanana and	138 198 60 122 60 60 60 60 82 2,271 271 1,344	1 11 11 11 11 11 11 11 11 11 11 11 11 1	X 17 16 16 16 16 16 16 16	E East w	
		Service of the servic	60 20 20 20 20 20 20 20 20 20 20 20 20 20	20 12 20 12	180 30 30 30 30 30 40 10 24 10 10 10 10 10 10 10 10 10 10 10 10 10	80 11 11 11 11 11 11 11 11 11 11 11 11 11		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1335 1 244 1 24 1 24 1 4 1 4 1 4 1 4 1 4 1 4 1 1 1 1 1 1 1	15.0 15.0	1181784 11818 448841 886 28 8	HE SPECIAL TRACE	N	* *** ** * * * * * * * * * * * * * * *	1 11 11 11	11 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 11 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	THE PARTY NAMED IN	360	*	N. P. WHEN P. S. LE S. P. S. Lewis S. P. S.	10 20 20 20 20 20 20 20 20 20 20 20 20 20		HE W. II. walls Navelle	THE R. P. LEWIS CO., LANSING	THE REPORT OF STREET	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17	Halle III (4	4 2 15 H		THE STREET STREET		determine a latera ME III mentioned in	name in the second second second	5		10 Mar 10		200 a a management a se 200 to	17 12 4 4 4 5 5 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 SER 1 SE	2 20 27 At 120 2	1 160 1 160	2 07 150 2 1	IN THE STATE OF TH



EXPENSES OF ALBERTA HOSPITALS, 1937—ADMINISTRATION

	Salaries and Audit	Board	Office Expenses	Stationery, Printing, Postage	Telegraph and Telephones	Insurance	Sundry	Total Adminis- tration
Athabasca, Municipal Banff, Mineral Springs Barsano, Municipal Bassano, Municipal Bentley, Community Berwyn, R.A. of the P. Bonnyville, K.H.P. Bonnyville, St. Louis Calgary, General Calgary, Holy Cross Calgary, Holy Cross Cargary, Holy Cross Cargary, Holy Cross Cargary, Carmangay Cartor, Rosary Cartor, Municipal Coleman, Miners' Union Consort, Municipal Coleman, Miners' Union Consort, Municipal Edmonton, General Edmonton, General Edmonton, General Edmonton, University Edson, St. John's Edmonton, University Edson, St. John's Empress, Cottage Fairriew, W.I. Fort Smith Fort Smith Fort Smith Corande Prairie	\$ 808.00 1,020.00 365.00 365.00 12,765.59 4,255.18 13,332.98 3,303.84 420.00 160.00 160.00 150.00 1,080.00 14,839.47 3,600.00 2,360.00 18,932.29 18,932.29 18,932.29 18,932.29 18,932.29 2,355.00 2,355.00 1,000.00 2,353.45	\$ 319.80 434.60 620.70 135.20 135.20 205.00 131.76 629.10 4.00 Not included No report	\$ 43.03 90.88 90.86 1307.76 20.00 20.00 20.00 206.50 80.78 105.25 81.3	\$ 278.01 247.70 247.70 244.17 200.00 200.00 200.00 1,755.13 203.55 20	\$ 14464 18640 18640 18640 18640 17775 10777 1,644.88 1122.85 1189.21 116.98 1122.85 1189.21 118.42 108.71 108.71 108.71 108.71 118.43 1	\$ 452.74 \$72.50 \$72.50 \$72.50 \$76.55 \$76.55 \$76.55 \$76.65 \$76.65 \$76.65 \$76.65 \$76.65 \$76.65 \$76.65 \$76.65 \$76.65 \$76.00 \$76.	\$ 113.57 40.00 423.03 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.08 71.09 65.00.6 65.00.6 65.00.6 65.00.9 65.00.9 65.00.9 65.00.9 65.00.9 65.00.9 65.00.9 65.00.9 65.00.9 66.00	\$ 2,159.79 2,574.18 2,574.18 1,506.65 1,506.65 1,506.65 1,506.65 1,506.65 1,506.65 1,507.29 1,637.29 1
Cialite Liante, mannapar	22.00000	200000		201100	D. C.	200000		TINNET

3,775,98 514,77 67,00 2,346,65 2,346,65 2,348,23 3,98,33 3,98,33 3,98,33 3,98,33 3,98,33 3,98,33 3,98,33 1,140,57 2,459,61 1,154,95	\$ 305,207.51
402.83 113.00 1199.13 1199.13 1199.13 1158.99	\$ 51,215.50
473.65 313.33 313.33 150.82 151.32 277.50 210.00 127.68 850.32 387.6 387	\$ 35,557.62
165.64 77.50 1220.00 1520.00 1520.00 112.38 93.81 93.81 93.81 130.26 130.26 130.26 131.00 92.33 92.33 120.34 134.46 134.46 137.00 92.33 92.33 92.33 120.86 92.33 92.01 106.92 106.92 106.92 106.92 106.92 106.92 106.92 106.92 106.92 106.92 106.92 106.92 106.93 106.92 106.92 106.92 106.92 106.92 106.93 106	\$ 18,671.94
517.31 67.21 67.21 185.46 185.46 185.46 1.26.67 1.26.6	\$ 34,717.68
29 80 56.73 56.73 150.20 1,455.33 316.95 316.95 194.24 194.24 194.24 119.12 56.90 67.80 60.66 110.00 1123.12 11.22	\$ 6,430.57
786.75 286.80 414.40 282.60 416.52 166.52 233.28 363.69 48.00 267.60 267.60 267.60 12.00 473.40 269.76 2236.50 219.00	\$ 10,106.70
1,400.00 1,080.00 895.00 330.00 330.00 342.50 480.00 480.00 480.00 480.00 1,175.00 1,175.00 1,175.00 1,175.00 1,175.00 600.00 600.00 600.00 600.00 600.00 600.00	\$ 148,507.50
Hanna, Municipal Hardisty, St. Anne's High Prairie, Community High River, Municipal Innisfail, Municipal Jasper, Seton Killam, General Lacombe, General Lethbridge, Galt Lethbridge, St. Muchael Lichtbridge, St. Municipal Macleod, General Macleod, General Macleod, General Macleod, General Macleod, General Macleod, General Medicine Hat, Isolation Mundare, General Mundare, General Municipal Nordeg, General Nunicipal Trochu, St. Mary's Spirlt River, Community Vegreville, General Vegreville, General Viling, Municipal Viling, Municipal Viling, Municipal Viling, Municipal Wanwright, Municipal Wanwright, Municipal Wanwright, Municipal Washne, General Wetaskiwin, Community Wetaskiwin, Community	

193
S
AI
TI
SE
H
A
H
ER
BI
H

	Profess	Professional Care of Patients	atients	Kitch	Kitchen and Dining Room	Room
	Salaries	Supplies	Total	Wages	Food Supply	Total
A though a common Mills and California	100		7 198 21	\$ 795.03	\$ 9 741 04	\$ 3.466.0
Amadasca, Municipal Banff, Mineral Springs	2.511.00	1.944.46	4,455.46	795.00	8,047.25	8,842.25
Barrhead, Barrhead	3.468.00	1.717.12	5,185.12		3,629.77	4,469.7
Bassano, Municipal	5.083.13	1.123.33	6,206.46		2,916.21	3,687.6
Bentley, Community	2,635.00	1,153.22	3,788.22		1,203.06	1,658.0
	2,500.65	1,222.04	3,722.69		1,612.13	2,089.0
Bonnyville, K.H.P.	3,548.29	1,644.32	5,192.61		2,340.99	3,039.8
Bonnyville, St. Louis	2,900.00	394	3,294.31		1,867.66	2,287.6
	55,319.40	25,637.48	80,956.88		39,562.10	33,214.0
Isola,	7,464.86	554.85	17.888.7		0 000 00	
	2,693.40	262.83	5,200.25		20.102.00	
Calgary, Holy Cross	26,994,27	31,186.79	6.455.91		3,171.99	
	£ 100 0E	9 500 29	7, 700 27		5 005 41	
Cantilose, St. Mary 3	5,298.81	2.294.27	8.153.08		4.464.02	
Carmangay, Carmangay	1.499.85	595.92	2.095.77		1,144.75	
Castor. Rosary	2.442.78	992.29	3,435.07		2,610.48	
Cereal, General	1,350.00	802.08	2,152.08		900.17	
Claresholm, General	4,704.00	1,187.99	5,891.99		2,818.06	
Cold Lake, John Neil	3,039.05	600.41	3,639.46		1,647.20	
Coleman, Miners Union	4,062.50	1 045 90	4,141.13		20.603.2	
Consort, Municipal	0,000,00	1,040.00	9 857 44		1,600.81	10
Daysland Providence	1.093.72	1.199.37	2.293.09	489.30	3.749.71	
Desmarais, St. Martin's	1,820.00	100.95	1,920.95		896.00	
Didsbury, General	2,799.60	632.96	3,432.56		1,390.81	1,754.8
Drumheller, Municipal	23,437.80	6,464.90	29,902.70		15,727.63	18,824.97
	2,160.65	550.48	2,711.13		2,383.06	2,828.0
	28,291.48	17,938.42	96,223,30		20,522.93	39,334.0
Edmonton, Misericordia	05 080 35	45,497,93	140 577 58		68.362.57	77 286 8
	20,700.30	4.386.18	25.086.48		17.361.70	19.604.7
	121.087.67	71,683.98	192,771.65		64,931.48	84.234.6
	2.137.09	1.056.91	3,194.00		3,295.49	4,010.99
Elk Point, Municipal	4,400.17	2,155.10	6,555.27	711.75	3,418.79	4,130.54
Empress, Cottage	2,571.20	308.91	2,880.11		2,126.09	2,989.0
Fairview, W.I.	2,155.71		3,216.33		2,126.09	2,060.1
Fort Vermilion	10 175 0	No report	0 597 01	20 120	No report	1 079 0
Cronde Decivie Municipal	PG.161,2	A 712 77	14 964 57	1 881 15	7 246 81	0.007.00
Grande France, municipal	00.002101	0.011.0	0.500.57	04.000	10.010.0	20000

1,580.60	5.209.81	2.715.37	4,283.85	1,235.08	2,683,44	13,533.20	23,914.53	923.95	24,376.14	10,466.91	5,723.46	2,766.18	19,819.89	854.14	2,054.38	6,034.25	1,536.37	2,109.27	2,293.12	4,450.19	1,486.22	4,070.53	3,719.14	4,043.39	1,884.30	3,178.29		5,268.43	1,714.86	8,885.00	1,567.44	4,072.54	2,684.27	1,670.79	4,242.55	3,827.72	1,961.74	3,183.27	5,573.85	1,421.75			\$ 696,369.32
2,061.96	4.241.76	2.309.12	3,068.85	1,085.58	1.995.29	12,515.55	19,185.53	623.95	20,639.96	7.959.46	4,513.46	2,230.46	15,885.48	854.14	1,814.38	5,674.25	1,151.37	1,639.27	1,788.32	3,836.29	1,186.22	3,378.03	3,159.14	3,188.89	1,634.30	-	No report	4,434.43	1,114.86	7,985.00	917.44	3,436.14	2,030.34	1,370.79	3,635.55	2,809.72	1.475.27	2,775.27	4,037.85	951.75			\$ 571,552.91
434.50	968.05	406.25	1.215.00	149.50	688.15	1.017.65	4,729.00	300.00	3.736.18	2,507.45	1.210.00	535.72	3,934.41	THE PERSON NAMED IN COLUMN NAM	240.00	360.00	385.00	470.00	504.80	613.90	300.00	692.50	260.00	854.50	250.00	1,200.00		834.00	600.00	900.00	650.00	636.40	653.93	300.00	607.00	1,018.00	486.00	408.00	1,536.00	470.00		1	\$ 125,016.41
3,246.33	9,581.46	2 581 59	1.407.50	2.404.02	5.043.81	16.609.18	29,156,78	1.218.65	34.273.31	15,236,39	5.819.83	3,637.66	21,502.65	1.394.71	1.926.28	2.641.30	1.500.28	7.910.65	3,888,13	7.077.54	3,550.00	4.698.59	4.361.10	8,640.69	2,429.97	348	distance of	9,438.67	3,585.06	9,295.50	3,743.70	6,189.24	5,391.64	1,350.31	5,178.01	6,766.43	2,533.05	1,475.15	9.445.94	1,032.44			\$1,048,405.92
503.36	3,418.61	1 277 59	577.50	650.02	1.443.06	6.056.32	8.445.59	108.04	16.791.15	14 051 32	1.528.18	856.44	15,621.33	108.36	718.41	1.483.15	861.78	1.199.05	1.009.08	1.670.47	1.479.00	1.119.94	1.521.10	2.215.44	729.97	828.68	No report	2,237.27	485.06	3,935.50	762.70	1,701.89	2,202.99	990.31	1,063.06	1.671.30	386.35	635.15	2,660.54	312.44	The state of the s		\$ 355,442.56
2,742.97	6,162.85	00.212.00	830.00	1.754.00	3 600 75	10.552.86	20.711.19	111061	17.482.16	11 185 07	4.291.65	2 781 22	15,881.32	1.286.35	1.207.87	1.148.15	638.50	6.711.60	2.879.05	5.407.07	2.071.00	3,578.65	2.840.00	6.425.25	1.700.00	4,519.65		7.201.40	3,100.00	5,360.00	2,981.00	4,487.35	3,188.65	360.00	4,114.95	5.095.13	2,146.70	840.00	6.785.40	720.00		100	\$ 692,963.36
Hardisty, St. Anne's High Prairie, Community	High River, Municipal	Innistan, Municipal	Jasper, Seton		Lacombe General	Lamont. Public	Lethbridge, Galt	Lethbridge Isolation	Lethbridge St Michael	Llovdmineter Municipal	Macleod, General	Mannyille, Municinal	Medicine Hat. General	Medicine Hat. Isolation		-	Nanton, General	Nordegg General	Olds. General	Peace River, Municipal	Pincher Creek. St. Vincent	Provost, Municipal	Radway, St. Joseph's	Red Deer. Municipal	Rimbev, St. Paul's	St. Paul. St. Theresa	Spirit River, Community	Stettler, Municipal	Trochu, St. Mary's	Vegreville, General	Vegreville, R. M. B.	Vermilion, Municipal	Viking, Municipal	Vilna, Our Lady's	Vulcan, Municipal	Wainwright, Municipal	Wayne. General	Westlock, Immaculata	Wetaskiwin, Community	Willingdon, General			

GENERAL HOUSE AND PROPERTY OF ALBERTA HOSPITALS, 1937

	House	Housekeeping	Laundry	ıdry	Engineer and Janitor	nd Janitor		Light and	Ice and	
	Wages	Supplies	Wages	Supplies	Wages	Supplies	Fuel	Power	Water	Total
Athabasca, Municipal	\$ 325.78	60	60	60	60	\$ 24.01	\$ 1.088.24	\$ 885.	\$ 202.79	\$ 4.101.24
Banff, Mineral Springs	334.15					286.17		403.		
Bassano, Municipal	332.65	210.16	1,570.75	200.007		60.62	900.28	726.30	306.00	4,983.26
Berwyn, R.A. of the P.	325.00	80.45	1000	46.75	219.57		653.70	740	7.70	1,752.19
Bonnyville, K.H.P. Bonnyville, St. Louis	240.00	85.40	189.00	182.36	900.00	102.38	416.54		20.00	2,205.30
Calgary, General	5,888.56	6,729.98	8,562.56		21.064.82		8,809.07	63	1,960.45	56,642.64
	00000	1 012.58	00000	244.55	0 701 77	03 400 50	573.15	*	187.25	2,137.71
Calgary, Junior Red Cross	20,500,0	364.46	451.17	9,940.11	0,101.11	2,430.33	663.15	,	101.18	1,919.01
Cardston, Municipal	360.00	816.05	1.530.00	215.20	540.00	195.91	1,244.28	714.96	1,169.62	5,120,11
Carmangay, Carmangay		24.72	9.00	12.00	300.00		174.55		21.50	769.29
Cereal, General		0.00		00.01	80.00		198.30		30.00	427.05
Claresholm, General		299 97	562.50	99.75	629 20	75 00	340.89		98.05	1,354.06
Coleman, Miners' Union		0.000	00.009	00.697	00.900	00.01	257.30		208.00	1,224.30
Consort, Municipal	269.90	103.27	120.00	105.80	272.50		344.68		225.38	1,896.67
	90 040	302.61	974	169.08	995 900		1,000.00		248.76	2,545.69
Didsbury, General	390.00		900.00	92.80	88.00		416.17		182.15	1.823.54
	1,166.40	558.53	1,929.17	1,276.29	2,908.10	586.21	869.41	63	1,236.03	13,389.82
	5,532.00		2,235.64	-			5,316,98		2,311.10	23,673.71
Edmonton, Misericordia	5,760.74	4.597.45	13.077.00	24-			5,598.28	5.236.75	3.360.55	31,566.20
	4,130.89	1,008.67	3,348.00	•			2,547.00	1,304.00	877.00	19,159.56
Edmonton, University	13,819.17	2,833.11	10,306.47	1,889.92			11,820.43	3,640.88	2,992.39	54,046.08
Elk Point, Municipal	251.35	300.70	254.00		450		841.71	965.30	25.00	3,751.34
Empress, Cottage Fairview, W.I.			569.88	14.00	147.05		492.64	458.86	78.50	1,746.93
Fort Vermilion, St. Theresa	250.00	108.35	No report			No report	362.95	387 95		1 512 93
Grande Prairie, Municipal	00:00	***************************************		669.87			3,535.30		73.00	4,278.17

5,970.53 1,936.90 249.05 4,650.79 4,524.75 1,054.23 1,054.23 1,054.23 1,054.23 1,054.23 1,034.99 1,113.92.38 1,145.78 308.26 3,034.99 1,113.92.44 308.26 3,034.99 1,113.86 1,950.26 1,550.53 1,506.21 1,506.21 1,506.21 2,534.49 2,145.09 4,173.86 1,506.21 2,534.49 1,506.21 2,534.49 1,506.21 2,534.49	\$ 571,045.82
106.56 176.60 1159.98 270.05 270.05 192.64 473.86 1,138.08 57.69 333.62 291.00 120.00 131.82 88.70 26.15 26.15 27.44 78.53	\$ 28,682.92
1,842.70 301.35 95.60 1,004.12 1,014.12 1,014.12 1,014.12 830.25 253.85 634.06 2,869.21 1,640.02 1,640	\$ 68,440.05
1,117.01 450.00 1,144.50	\$ 113,103.67
103.98 53.28 210.15 7.68 11,085.49 817.09 584.50 115.00 115.00 115.00 112.22 112.22 113.36 69.85 69.85	\$ 20,644.03
623.00 300.00 300.00 1.101.50 450.00 118.00 118.00 118.00 118.00 1.279.00 1.279.00 1.255.00 372.30 400.00 372.30 1.255.00 376.00 376.00 376.00 376.00 1256.00	\$ 108,599.95
340.78 85.00 25.00 335.74 38.95 21.60 320.10 46.70 46.70 46.70 10.23 110.23 110.26 110	\$ 32,679.71
480.00 144.00 651.60 862.50 343.75 375.00 11.349.67 2,506.11 11.34.50 601.60 4,060.52 180.00 240.00 657.60 1,027.40 1,027.40 1,027.40 1,027.40 324.00 316.50 348.65 180.00 1,455.00 348.65 180.00 1,455.00 348.65 180.00 1,455.00 1,455.00 1,80.00 1,455.00 1,455.00 1,80.00 1	\$ 78,136.58
296.73 81.09 192.70 93.83 91.44 619.45 1,337.34 114.59 243.50 400.00 347.12 1129.55 110.73 880.00 549.87 211.28 443.02 816.31 98.21	\$ 37,400.04
690.50 292.00 150.00 150.00 150.00 1747.96 958.95 720.00 300.00 378.05 299.40 378.05 290.00 378.05 290.00 378.05 290.00 290.00 290.00 280.00 280.00 280.00 280.00 280.00 280.00	\$ 83,358.87
Hanna, Municipal Hardisty, St. Anne's High Prairie, Community High River, Municipal Islay, Municipal Islay, Municipal Islay, Municipal Lacombe, General Lacombe, General Lacombe, General Lacombe, General Lethbridge, Isolation Lethbridge, Isolation Manwille, Municipal Maclicine Hat, Isolation Maclicine Hat, Isolation Medicine Hat, Isolation Medicine Hat, Isolation Mundare, General Mcdicine Hat, Isolation Mundare, General Mcdicine Hat, Isolation Mundare, General Mcdicine Hat, Isolation Mundare, General Nanton, General Nordeg, Municipal Negreville, General Viking, Municipal Viking, Municipal Viking, Municipal Wannwright, Municipal Wayne, General Westlock, Immaculata Westlock, Immaculata	

MAINTENANCE AND WAGES, ALBERTA HOSPITALS, 1937

	Buil Gro	Furni an Equip	Q S	Sundries and Rents	Total Mainten- ance	Total Running Cost
	\$ 246.84	\$ 581.14	\$ 89.84	\$ 27.72	\$ 945.54	\$ 17,810.95
	492.02		218.02	OO:OCT	1,126.11	18,577.64
	183.63		146.09	11 79	473.00	6,880.78
	974.81			745.79	2,204.93	12,591.43
	1 420.05	11	258.20		617.36	8,751.61
	21.93	49.65			71.58	20.067.11
	1.568.21		393.21	175.00	2,136.42	11,448.45
Crose	3,382.56	2,872.37	5,303.34	1,232.94	12,791.21	192,071.84
	1.559.12	843.91	711.32		3.114.35	26.061.77
	1,113.83	1,287.03	210.00	757.50	3,368.36	21,566.73
	1,816.45	1,004.80	227.50	22.50	3,071.25	7.632.08
	441.00	1,591.20	594.78	21.08	2,648.06	10,985.39
	539.19		00:00	586.95	1.230.24	12.290.01
	1,055.52		200.00	35.85	1,923.38	9,411.90
	267.20	224.00	331.16	THE STREET	822.36	10,750.23
	204.85		4.69		989 99	7 755 19
	3,379.55		477.72		4,915.65	14,366.30
	58.25		283.25	***************************************	590.00	4,905.25
	5 465 85		1 234 00	1 229 70	11 424 89	70 749 16
Beulah Home	186.84		359.04	257.83	1.362.64	11.725.19
	3,874.22		5,535.81	6,560.20	22,252.81	158,262.57
	12,014.63	5,671.91	7,987.54	18,192.05	43,866.13	159,928.87
Royal Alexandra	8,134.84		1 150 50	13,669.92	28,197.52	376,822.38
	11.503.46	7.583.06	8.416.67	16.010	97 502 39	295,982,81
	293.70	299.83	10001110	53.37	646.90	13.785.71
	1,334.62	80.806	249.30	29.00	2,551.00	19,229.74
	1,094.44	640.97	337.08		2,072.49	10,255.25
	93.20	Not included	147.55	33.56	416.63	6,550.22
		No report			No report	
Galahad, St. Joseph's	1,871.91	341.67	201.24	400.74	2.815.56	10.505.52
Grande Prairie, Municipal	1.136.34	1.162.70	455.50	35.29	9 789 83	35.921.77

26,834.51	3,135.51	24,687.87	23,830.12	11 979 00	6 526 79	10.779.79	55,530,35	84.979.29	3.038.72	79,672.82	41,112.28	18,904.31	10,090.96	64,559.49	2,616.32	7,562.96	17,096.08	3,657.27	11,926.70	8,905.24	19,103.53	8,399.15	14,583.19	13,602.68	22,053.24	7.582.61	18,898.23	year	The state of the s	23,606.88	8,432.92	35,830.70	7,745.58	17,391.44	12,895.90	5,656.29	15,034.01	15,519.64	7.080.67	9,023.50	21,395,75	602	
2,127.08	475.26	1,857.57	3,683.68	891.64	1 435 13	665 44	2.548.85	6.430.71	372.34	1.982.37	2,527.84	3,359.80	611.64	4,746.18	159.61	443.79			865.30			1,077.30		2.347.30		1.273.23	3,640.	only part	No report	1,965.59	884.59	7,718.20	230.38	932.12	916.36	437.62	606.62	1,250.23	341.36	1,019.37	807.90	251.00	
20.00	416.19	720.00	00.00	26.00	294.18	04.1.40		469.71	99.00	672.88		- Commence	1.50	454.54	discussions.	113.75	665.25	19.58	799.92	480.00	2.00	22.10		***************************************		41.00	32.09	Open	***************************************	0.75	17.65	***************************************	***************************************		345.53	105.12	The second	49.25	tone tones	292.57	174.19	251.00	
980.86	38.00	342.66	490.86	177.38	938 56	919.00	530.50	1.938.44			1,094.68	59.72	189.78	1,539.42		109.86	857.25	47.78	**************************************	255.78	229.31	258.47	371.00	893.50	776.00	304.87	358.88	ar		483.31	158.79	2,003.20	THE PERSON NAMED IN COLUMN 1	296.62	105.35	130.00	158.48	244.95	***************************************	107.51			
107.45	21.07	456.44	462.03	191.67	412 86	247.69	401.73	1.010.40	194.36		531.23	3,112.56	274.13	1,185.87	***************************************	95.25	1,421.48	-	63.15	143.62	367.62	315.49	326.52	1.092.98	309.76	580.68	1,196.20	=	No report	464.78	104.30	2,940.00	80.38	160.76	250.42	152.71	236.34	374.32	62.25	402.49	116.18		
1,018.77	C1-051	338.47	2,730.79	426.59	491 53	98.89	1.616.62	3.012.16	78.98	1,309.49	901.93	187.52	146.23	1,566.35	159.61	124.93		The second secon	2.23	85.05		481.24	391.43	360.82	1,584.83	346.68	2,053.00	Ope	The second secon	1,008.75	603.85	2,775.00	150.00	474.74	215.06	49.79	211.80	581.71	279.11	216.80	517.53		
Hanna, Municipal	Harmsty, St. Armes High Prairie, Community	High River. Municipal	Innisfail, Municipal	Islay, Municipal	Killom General	Lacomba Ganaral	Lamont, Public	Lethbridge, Galt	Lethbridge, Isolation	Lethbridge, St. Michael	Lloydminster, Municipal	Macleod, General	Mannville, Municipal	Medicine Hat, General		Mundare, General	McLennan, Sacred Heart	Nanton, General	Nordegg, General	Olds, General	Peace River, Municipal	Pincher Creek, St. Vincent	Provost, Municipal		Red Deer, Municipal	Rimbey, St. Paul's	St. Paul's, St. Theresa	Smoky Lake, Geo. McDougall	Spirit River, Community					0	Viking, Municipal		Vulcan, Municipal	Wainwright, Municipal	Wayne, General	Westlock, Immaculata	Wetaskiwin, Community	Willingdon, General	

COST OF ALBERTA HOSPITALS, 1937

	Per Patient Per Day		Pe	Percentage of Cost	st		Earnings, including Grants and
	Exclusive of Capital and Reserve	Adminis- tration	Professional Care	Kitchen and Dining Room %	House and Property	Mainten- ance %	Contributions from Municipalities per Patient per Day
Athabasca, Municipal	\$ 2.82	12.1	40.1	19.5	23.0	ro a co n	\$3.55
Barrhead, Barrhead	2.56	000	3333	28.6	15.0	18.3	2.75
Bassano, Municipal Bentley, Community	2 9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13.8	55.0	24.1	26.8	6.1	3.26
Berwyn, R.A. of Peace	2.97	15.6	38.6	21.6	18.2	000	4.35
Bonnyville, St. Louis	1.74	3.9	37.6	26.1	25.2	7.1	3.35
Calgary, General	3.06	9.4	35.9	23.7	25.2	9.0	2.71
	1.64	4.0	28.4	30.2	18.7	18.6	1.66
Calgary, Holy Cross Calgary, Junior Red Cross	2.71	12.8	30.3	37.4	125.3	6.6	4.31
. 40 1	25.72	17.4	230.5	21.4	19.6	12.0	3.43
Cardston, Municipal	3.80	3.0	27.4	19.2	10.1	40.3	3.11
Cartor, Rosary	3.38	0 4 0 0	31.3	22.7	15.7	24.1	3.33
Claresholm, Municipal	2.65		47.9	27.9	11.0	10.0	25.86
Coleman, Miners' Union	222	0.00	000	34.9	11.2	- 10	3.52
Coronation, General	3.73	0.0	37.3	26.4	26.7	9 00	2.73
Daysland, Providence	4.22	2.6	15.9	29.5	17.7	19.0	*6.07
	2.80	6.0	3.00	222.4	23.64	4.2	3.06
Edmonton. Beulah Home	27.73	19.8	23.1	23.6	16.7	14.4	3.09
	2.86	18.4	28.6	24.4	14.7	13.8	3.19
Edmonton, S.A. Grace	07.00	0.01	Closed	20.0	25.3	Closed	3.10
	3.09	12.5	57.50	20.5	22.4	10.	63.13
Edmonton, Isolation	3.66	9.2	48.8	21.3	13.7	7.0	4.29
26	1.94	9.1	23.2	29.1	33.9	4.7	3.43
· ·	2.63	4.8	37.30	25.2	14.7	17.4	4.54
Fort Smith, N.W.T.	2.40	4.4	No report	31.4	8.4	No report	3.22
Fort Vermilion, St. Theresa.			No report			No report	-

9000000000000000449190000000049000099 000099190099900000000000000000	\$3.41
No registration of the first of	9.6
11222222222222222222222222222222222222	19.7
88888888888888888888888888888888888888	23.9
No 2332222222222222222222222222222222222	36.1
66.2 1.11 1.25	10.51
4855944565888888888888888888888888888888	\$2.79
Galahad, St. Joseph's Grande Prairie Municipal Handisty, St. Anne's High Prairie, Community High River, Municipal Innisfail, Municipal Jasper, Seton Killam, General Lacombe, General Lacombe, General Lacombe, General Lacombe, General Lacombe, General Macleod, General Macleod, General Macleod, General Macleod, General Macleod, General Macleon, General Macleon, General Mannville, Municipal Medicine Hat, Isolation Mcdreman, Sacred Heart Nanton, General Modere General Medicine Hat, Isolation Mcdreman, Sacred Heart Nanton, General Nordeg, General Pincher Creek, St. Vincent's Provost, Municipal Pincher Creek, St. Vincent's Radway, St. Joseph's Radway, St. Joseph's Radway, St. Paul's St. Paul, St. Theresa Spirit River, Community Vegreville, General Vegreville, Municipal Vegreville, General Wayne, General Westskiwin, Community Willingdon, General	Average

*NOTE.-Days incurables and wards were hospitalized not considered in making computations.

REVENUE OF ALBERTA HOSPPITALS, 1937

	Total	\$ 22,476.04 30,719.77 16,791.70 21,113.28 8.785.05 14,107.39 16,909.10 16,809.10 16,809.10 16,809.10 16,809.10 16,809.10 16,809.10 16,809.10 16,809.10 16,809.10 16,809.10 17,710.83 11,725.52 10,809.55 11,708.27 11,708.27 11,708.27 11,909.53 182,130.99
	Sundry	\$ 1,525,13 2,908,09 4,960,56 6,292,00 65,000,00 2,251,98 1,718,22 2,650,27 400,00 87,00 5,44 5,729,24 1,928,60 1,928,60 1,928,60 1,056,73 2,124,13 2,124,13 1,056,51 641,00 916,10 916,10 1,802,53 1,1302,53 1,111,30 830,59
Tax	Requisi- tions	\$ 9,145.58 7,802.00 15,842.84 15,842.84 15,842.84 15,842.84 16,650.00 5,440.00 14,621.00
Donations.	Cash and Service	\$ 529.00 184.25 3.695.28 3.695.28 2.5021.00 11,558.53 3,030.73 3,030.73 1,500.00
	Patients' Fees	\$ 8956.83 14,050.08 14,050.09 17,258.30 17,258.30 17,258.30 113,650.41 92,10.50 113,650.41 92,10.50 113,650.41 96,00.00 5,681.02 16,459.21 8,036.16 6,717.88 27,65.50 10,459.21 8,036.16 8,315.05 10,231.85 10,231.85 10,231.19 17,840.99 6,732.90 10,231.19 11,840.99 17,261.93 11,350.00 14,253.85 11,350.00 14,253.85 11,350.00 14,253.85 11,350.00 14,253.85 11,350.00 14,253.85 11,350.00 14,253.85 11,350.00 14,400.75
Grants	Others	\$ 254.00 31.30 1.675.50 250.00 3,739.50 1.200.00 8,649.96 20,975.10 39.121.62 2,500.00 645.00
Gr	Alberta	\$ 284850 2.74770 2.13435 1.1212.75 1.145980 2.26260 30.560.85 5.073.30 3.072.60 3.07
		Athabasca, Municipal Banff, Mineral Springs Barrhead, Barrhead Bassano, Municipal Bentley, Community Bentley, Community Bentley, Community Bentley, Community Bentley, Community Bentley, Ceneral Calgary, Isolation Calgary, Isolation Calgary, S.A. Grace Calgary, Junior Red Cross Cannose, St. Mary's Carresholm, Municipal Carrostor, Municipal Castor, Rosary Cereal, General Castor, Rosary Cold Lake, John Neil Colonsort, Municipal Coronsort, Municipal Coronsort, Municipal Coronsort, Municipal Coronsort, Municipal Coronsort, Municipal Baysland, Providence Desmarais, St. Martin's Didsbury, General Edmonton, General Edmonton, Misericordia Edmonton, Misericordia Edmonton, Misericordia Edmonton, University Edson, St. John's Edmonton, Wilsericordia Edmonton, University Edson, St. John's Edmonton, Misericordia Edmonton, University Edson, St. John's Edmonton, Misericordia Edmonton, University Edson, St. John's Edson, St. John's Edmonton, Wile, Community High Prairie, Community High Prairie, Community High Prairie, Community High Prairie, Municipal Islay, Municipal Islay, Municipal Islay, Municipal

\$39,121.62

18.560.10 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.230.00 17.200 17.200 17.200 17.200 17.300 17.	.14 \$3,565,054.23	\$69,861.35
194.70 11.824.75 2.659.04 2.659.04 4.307.23 358.32 1,157.10 67.32 960.72 96.00 2,717.90 No report No report 1,341.95 445.63 675.21 1,341.95 474.39 88.25 468.18	\$ 147,451.14	\$49.861.35 20,000.00 \$15,293.12 17,500.00 6,328.50
6.366.00 10,000.00 12,720.00 1,418.95 13,350.10 6,500.00 15,061.05 7,707.00	\$ 250,955.93	
316.00 1,418.25 51.84 51.75 10.857.35 92.06 3,420.00 3,380.00 1,544.42 6,300.00 1,553.59	\$ 92,321.01	
14.145.25 10.864.35 60.703.59 81.318.93 104.422.96 39.236.45 7.422.96 39.236.45 7.705.73 17.498.50 17.498.50 17.498.50 14.12.20 No report 13.688.67 13.688.67 13.688.67 13.688.67 6.156.00 23.776.62 2.045.74	\$2,489,407.74	
2.500.00 3.121.55 4,354.50 10,398.20 10,398.20 150.00 2,981.00 1,100.00	\$ 116.161.37	
1,598.85 1,652.90 1,652.90 1,5005.29 1,5005.29 1,279.80 1	\$ 468,757.04	rsity: rsity: TS: ity: Alberta tricts
Killam, General Lacombe, General Lacombe, General Latombe, General Lethbridge, St. Michael Loydminister, Municipal Macleod, General Medicine Hat, Isolation Mundare, General McLennan, Sacred Heart Nordegg, General Nordegg, General Nordegg, General Nordegg, General Provost, Municipal Radway, St. Joseph's Red Deer, Municipal Radway, St. Joseph's Red Deer, Municipal Radway, St. Paul's St. Paul, St. Theresa Spirit River. Community Smoky Lake, Geo. McDougall Stettler, Municipal Trochu, St. Mary's Smoky Lake, Geo. McDougall Stettler, Municipal Vegreville, General Vegreville, R.M.B. Vermillon, Municipal Vina, Our Lady's Vermillon, Municipal Wayne, General Westskiwin, Community Willingdon, General		ALBERTA GOVERNMEN Edmonton, University: General Grant Special Grant MUNICIPAL GRANTS: Edmonton University: City of Edmonton University of Alber Municipal Districts

City of Edmonton University of Alberta Municipal Districts

SUNDRY EARNINGS:
Daysland, Providence, includes revenue from incurable wards.
Macleod, General, includes revenue from incurable wards.

CAPITAL REPAYMENTS, ALBERTA, HOSPITALS, 1937

	Bad Debts	Other	Principal	Interest	Other Extra- ordinary Charges	Total Cost
Athabasca, Municipal Banff, Mineral Springs	\$ 1,885.68	\$ 3,401.56	\$ 1.845.00	\$ 2,446.46	\$ 1,539.17	\$ 21,236.40
met	***************************************	1.387.68			315.50	15,614.58
-	425.00	1 495 00		554.00	173.42	7,608.20
	450.00	00.004,1				12,591.43
Bonnyville, St. Louis			4,000.00	2,035.00	4 900 40	14,786.61
Calgary, Isolation		***************************************	889.51	2,880.15	145.51	23,982.28
Calgary, S.A. Grace	45 000 00	16 444 77	***************************************	8 997 02	***************************************	11,448.45
Calgary, Junior Red Cross	00.000000	11:11:01	508.12	00.100.00		15,500.76
Cardston Municipal	00 000	1 540 50	4,050.00		***************************************	30,111.77
Carmangay, Carmangay	000000	02.682,1				7,632,08
Castor, Rosary			***************************************	***************************************		10,985.39
			***************************************			12 263.59
Cold Lake, John Neil			-			9,411.90
Consort Municipal	-	***************************************				10,750.23
Coronation, General			-			7.755.12
Daysland, Providence	***************************************		1,706.88	937.22		17,010.40
Didsbury, General	-		***************************************		***************************************	4,905.25
266	10,000.00	9,167.91	5,737.05	1,625.58	3,311.75	109,584,45
Edmonton, General			00 000 00	0 207 44	965.95	12,691.14
			00.000,00	13,562.88		173,491,75
Edmonton, Royal Alexandra				***************************************	***************************************	376,822.38
Edmonton, University	86,500.00			-		481.514.12
Edson, St. John's	100 0000		100	4,000.00	191.43	17,977.14
Empress, Cottage	3,255,92	700.00	1,250.00	825.00	12.00	22,668.79
Fairview, Community	400.00					6.950.22
Fort Smith, N.W.T., General Fort Vermillon, St. Theresa		Not included			Not included	
nad, St. Joseph		and a con-	1,000.00	2,176.00	188.80	13,870.32

\$1,464.67 \$4,394.13 \$1,4916.28 \$1,355.51 \$0,762.60 \$1,202.60	\$3,465,625.96
206.60 887.00 90.15 19.88 670.06 1,501.06 125.00 309.70 309.70 347.16 875.54	\$ 19,152.94
2.280.00 1,096.34 1,771.00 2.055.00 2.400.00 655.93 15.468.00 1.067.25 4.548.75 1,320.00 1,067.25 1,339.97	\$ 99,947.56
4,000,00 1,184,28 2,000,00 3,701,55 3,100,00 1,200,00 1,000,00 1,000,00 1,978,98 1,750,00 2,100,00 2,100,00 2,100,00	\$ 97,343.63
7,230.85 5,072.40 1,950.00 1,954.97 14,178.82 3,115.36 4,457.64 4,040.50 1,194.93 1,610.42 865.83	\$ 86.375.93
2,032.05 1,000.00 1,500.00 20,103.22 1,540.00 1,558.49 30,000.00 213.00 1,500.00 1,500.00 1,500.00 1,500.00 1,500.00 1,500.00 1,500.00 1,500.00 1,500.00 1,500.00 1,500.00 1,500.00 1,500.00	\$ 258,100.31
Grande Prairie, Municipal Hardisty, St. Anne's High Prairie, Community High Prairie, Community High Prairie, Community High River, Municipal Jasper, Seton Macle Jeneral Medicine Hat, Isolation Mundare, General Medicine Hat, Isolation Mundare, General Jorden, General Jorden, General Jorden, St. Vincent Provost, Municipal Provost, Municipal Prochu, St. Paul's St. Paul, St. Theresa Steney, Lake, Geo. McDougall Steney, Lake, Geo. McDougall Stettler, Municipal Trochu, St. Mary's Vegreville, General Viking, Municipal Viking, Municipal Viking, Municipal Wayne, General Watherskiwin, Community	

Division of Social Hygiene

(HAROLD ORR, O.B.E., M.D., D.P.H. F.R.C.P. (C.), Director)

We have continued our policy of paying particular attention to the early detection of neurosyphilis and cardiovascular syphilis. During 1937, 41 male patients and 4 female patients, making a total of 45 patients, were admitted to the Provincial Mental Hospital at Ponoka for malaria pyrexia therapy for various forms of neurosyphilis.

Although our educational programme has necessarily been somewhat curtailed, 35 lectures have been given with a total attendance of 3,585.

The year 1937 has witnessed a distinct advance in the treatment of gonorrhoea by the use of "sulfanilamide" (para-amino-benzene-sulfonamide). This drug had previously given brilliant results in the treatment of haemolytic streptococcal infections and also in epidemic cerebrospinal meningitis. The close relationship between the meningococcus and the gonococcus led to sulfanilamide being given a trial in gonorrhoea. The result of our experience with this drug was published in the Journal of the Canadian Medical Association in October, 1937, under the title "Sulfanilamide in the Treatment of Gonorrhoea." The following is a summary of our findings:

- 1. Twenty-six, or 86.6%, of 30 females, and 91, or 87.5%, of 104 males affected with gonorrhoea were cured within fifteen days by a course of treatment consisting solely of the oral administration of sulfanilamide and large quantities of fluids.
- 2. No complications occurred in any of the patients in this series subsequent to the commencement of the sulfanilamide therapy.
- 3. The total dosage of sulfanilamide given to each patient was 620 grains during a period of fifteen days.
- 4. The drug sensitizes some patients to sunlight, which produces an acute urticarial eruption on the exposed skin.

The incidence of syphilis in our gaol population has reached the lowest point in history, being 4.4%, as compared with 16% eighteen years previously, and we believe that this reduction in our gaol population is paralleled in the general population.

An outbreak of syphilis occurred in the Crowsnest Pass during the year, but with the active co-operation of the Royal Canadian Mounted Police, the local authorities, and the medical profession in the Pass, the epidemic has been entirely abated. All the houses of prostitution have been closed, and it is believed that no active foci of infection exist in the district.

The following figures indicate the work done in the various clinics during the year:

PROVINCIAL CLINIC, 9912 103rd Avenue, Edmonton

CLASSIFICATION OF DISEASES WITH NUMBERS, SEX AND AGE OF PATIENTS

		M	ales	1	Femal	es	
Carried forward from 1936:			Over 20 yrs.	0-12 yrs.		Over 20 yrs.	Totals
Syphilis Gonorrhoea	1	****	157 47	****	1	75 38	234 86
New Cases admitted in 1937:							320
Syphilis	7	1	58	4	2	44	116
Gonorrhoea Non-Venereal	6	19 15	276 157	8 9	12 60	73 127	388 374
Total cases treated	14	35	695	21	76	357	1198
	M	ales-	744	Fem	ales	454	

Number and results of Wassermann tests: 2.467 tests, of which 614 were positive. Number and results of Cerebrospinal Fluid Tests: 122, of which 18 were positive.

PROVINCIAL CLINIC, 713 3rd Street East, Calgary

CLASSIFICATION OF DISEASES WITH NUMBERS, SEX AND AGE OF PATIENTS

	0.10		ales		Femal	- Table	
A CONTRACT OF THE RESIDENCE			Over 20 yrs.			Over 20 yrs.	Totals
Carried forward from 1936: Syphilis Gonorrhoea	2	2	142 134	3	10	72 51	216 200
New areas admitted in 1027.							416
New cases admitted in 1937: Syphilis	1	2	89		8	38	138
Non-Venereal		10 2	285 232	8 2	15 24	52 92	370 352
Total cases treated	3	16	882	13	57	305	1276
	Ma	ales—	901	Fem	ales-	-375	

Number and results of Wassermann tests: 1.991 tests, of which 335 were positive. Number and results of Cerebrospinal Fluid Tests: 95 tests, of which 19 were positive.

PROVINCIAL CLINIC, c/o Galt Hospital, Lethbridge.

CLASSIFICATION OF DISEASES WITH NUMBERS, SEX AND AGE OF PATIENTS

			Over 20 yrs.	-		es Over 20 yrs.	Totals
Carried forward from 1936:			00				0.0
Syphilis	1	0111	23	1010	2	4	30
Gonorrhoea	1111	****	5	****	****	1	6
New Cases admitted in 1937:							36
Syphilis			57		-	9	66
Conorrhoes			18			9	21
The state of the s	2101	1111	10	1111	2000	0	21
Chancroid	1111	1111	3	000	1111	27.07	3
Non-Venereal			44			13	57
Total cases treated	1		150		2	30	183

Number and results of Wassermann tests: 412 tests, with 77 positive results. Number and results of Cerebrospinal Fluid Tests: 21 tests, of which none were positive.

PROVINCIAL CLINIC, c/o General Hospital, Medicine Hat

CLASSIFICATION OF DISEASES WITH NUMBERS, SEX AND AGE OF PATIENTS

			ales		Femal		
	0-12 yrs.		Over 20 yrs.			Over 20 yrs.	Totals
Carried forward from 1936: Syphilis		1	3	1011	1	2	7
Gonorrhoea		100	1		****	****	1.
New Cases admitted in 1937:							8
Syphilis Gonorrhoea	****	2	6 8	****	1	1	11
Chancroid Non-Venereal	2	1	1	1	1000	1111	4
Total cases treated	2	4	19	1	2	7	35

Number and results of Wassermann tests: 110 tests, of which 70 were positive. Number and results of Cerebrospinal Fluid Tests: 2 tests, of which none were positive.

PROVINCIAL GAOL, Fort Saskatchewan

CLASSIFICATION OF DISEASES WITH NUMBERS, SEX AND AGE OF PATIENTS

	Males	Females	
Carried forward from 1936:	Over 20 yrs. of age.	Over 20 yrs. of age	. Totals
Syphilis	. 3	4	7
Gonorrhoea		7	10
			17
New cases admitted in 1937:	00	00	
Syphilis	. 29	22	51
Gonorrhoea	25	33	98
m. 4.4			100
Total cases treated	60	66	126

Total number of admissions examined: Females, 146; Males, 1,008; Total, 1,154. Number and results of Wassermann tests: 1,329 tests, of which 99 were positive.

PROVINCIAL GAOL, Lethbridge

Number and results of Wassermann tests: 428 tests, of which 60 were positive. Number and results of Cerebrospinal Fluid Tests: 4 tests, of which 1 was positive.

CASES REPORTED BY PHYSICIANS IN THE PROVINCE

Sex: Male Female	Syphilis. 154 42	Gonorrhoea 82 17	Totals. 236 59
	-	_	-
Total	196	99	295

RECAPITULATION

Of patients treated by the staff of the Division of Social Hygiene during the year 1937:

Sex: Male Female	Syphilis. 604 293	Gonorrhoea. 862 316	Chancroid.	Non-Venereal. 459 328	Totals. 1929 937
Totals	897	1178	4	787	2866

Total number of cases of venereal disease: 2,079.

Sanitary Engineering Division

(D. B. Menzies, B.Sc., C.E., Provincial Sanitary Engineer)

During the year 1937, the following Certificates were issued in connection with Sewerage and Waterworks Construction as required under Sections 10 to 15 (inclusive) of the Public Health Act:

- City of Drumheller—Certificate No. 392-37, Elevated Water Tank with necessary pipe laying. Estimated cost, \$37,351.45.
- City of Edmonton—Certificate No. 393-37, Extension to Edmonton sewerage system. Estimated cost, \$25,850.00.
- Town of Grande Prairie—Certificate No. 394-37, Water Main extensions, new sewerage system along with new Sewage Disposal Plant. Estimated cost, \$46,780.00.
- Royalite Oil Company, Turner Valley—Certificate No. 397-37, Septic Tank Sewage Disposal System.
- Town of Brooks—Certificate No. 401-37, New Sewerage System and Septic Tank. Estimated cost, \$19,000.00.
- City of Edmonton—Certificate, No. 402-37, Sewerage extensions. Estimated cost, \$55,142.00.

The following Certificates of Approval were granted in connection with the construction of hospitals in various points of the Province, as required by Regulation 3 under The Hospitals Act:

- Innisfail Municipal Hospital—Certificate No. 395-37, Reconstruction of Sewage Disposal Field. Estimated cost, \$1,175.00.
- Lacombe Community Hospital—Certificate No. 396-37, New Hospital. Estimated cost, \$30,000.00.
- Canmore Coal Company Hospital, Canmore, Alberta—Certificate No. 400-37, New Hospital. Estimated cost, \$14,000.00.
- Beaverlodge Private Hospital, Beaverlodge, Alberta—Certificate No. 403-37, New Hospital. Estimated cost, \$15,000.00.

During the year, different members of the Division investigated seven outbreaks of typhoid fever, and in three of the seven cases were able to locate the carrier responsible. None of the seven outbreaks were traced to contaminated public water or milk supplies.

Six hundred and twenty reports on analyses of water and ice were received from the Director of the Provincial Laboratory. After examination of these reports, the action deemed necessary was taken to remedy conditions requiring attention.

The Department received 97 complaints and requests for inspection from different municipalities throughout the Province with respect to sanitary matters, all of which were investigated. Over and above this, the sanitary inspector of the Department provided service in 24 towns, 39 villages, 20 municipal districts, and 18 improvement districts. During the winter season, 59 Industrial Camp inspections were made, some of these being follow-up visits to see that suggestions made on previous dates had been carried out.

Information in connection with requests received from municipalities and individuals for engineering advice along the lines of water supply, sewage disposal, ventilation, etc., was provided in all cases. Plans dealing with well construction, milk houses and dairy barns, septic tanks and systems of sewage disposal were provided where requested. Persons writing for information as to the different methods of disinfestation and fumigation were provided with details in connection with this phase of sanitation.

During the year the following new regulations were passed by the Provincial Board of Health:

- 1. Regulations Respecting Water and Ice, O.C. 204-37.
- Regulations Governing Certificates, Permits and General Administration, O.C. 528-37.
- Regulations Respecting the Sanitary Control of Auto Trailer Houses, O.C. 796-37.

The Communicable Disease Regulations were amended by O.C. 205-37 and O.C. 531-37.

The Regulations re Embalmers were amended by O.C. 795-37.

The Regulations Relating to Bake Shops were amended by O.C. 526-37.

The Regulations Respecting Dairy Farms, Milk Plants, Fluid Milk and Table Cream were amended by O.C. 530-37.

The Regulations Governing Tourist and Recreational Camps were amended by O.C. 531-37.

The Regulations Respecting Water and Ice were amended by O.C. 527-37.

The Regulations Governing Disinfestation by the Use of Hydrocyanic Acid Gas were amended by O.C. 529-37.

The staff of the Division was reduced during the year, so that it now consists of a sanitary engineer, a full time sanitary inspector, and one stenographer. As in the past year, the policy of the Division for 1938 will be to provide inspections for those municipalities making specific requests. It is to be hoped that some new health units will be established, thereby making it possible to give better service than at present is provided.

Dental Hygiene Division

(A. E. HEACOCK, L.D.S., D.D.S.)

As in previous years, dental service was provided for the four Provincial institutions: the Central Alberta Sanatorium, the Provincial Mental Institute, the Provincial Auxiliary Hospital and the Provincial Training School. The Provincial Mental Hospital at Ponoka has a full-time dentist attached to the staff.

Special attention is paid to the patients at the Sanatoria, as new patients are being admitted frequently, and visits are made to these institutions at no greater intervals than six weeks. As the beds for this type of patient have been greatly increased during the last two years, there has been a corresponding increase in the amount of dental work done.

During the summer months the Provincial Dentist was again a member of the staff of the travelling clinic, and a great amount of dental work was done. Since the beginning of the clinic in 1924, dentistry has been an important factor in the work of the clinic.

A full report of the dental work of the clinic will be found in the report of the Nursing Division.

Radio talks were given during the year on dental hygiene over CKUA.

A full report of the work done in the various institutions will be found in the institutional reports.

Mental Health Division

Separate reports are submitted for each branch of this Division:

Eugenics Board,

Mental Health Clinics,

Provincial Mental Hospital, Ponoka, including Provincial Auxiliary Hospital, Claresholm,

Provincial Mental Institute, Edmonton, Provincial Training School, Red Deer,

The institutional population again shows a definite increase. On January 1st, 1937, this stood at 2,441 (males 1,568, females 873), and on December 31st, 1937, at 2,554 (males 1,632, females 922), an increase of 113—males 64, females 49.

From the time the first Provincial Mental Hospital was opened in 1911 there has been a steady increase in population of from 5% to 8% annually over the preceding year, which means on an average a progressive absolute increase in numbers each year. The increase was 5% during 1937.

During the same period the ratio of hospitalized mental patients to population has shown a steady increase from 156 per 100,000 in 1921 to 328 in 1937. While this is serious and should inspire serious thought with respect to prevention, it need not cause undue alarm, as even yet Alberta stands second lowest in this respect among the provinces of Canada. This latter fact suggests that further increases may be expected, there being no reason to suppose that Alberta is in reality more favoured than the majority of the other provinces with respect to the incidence of mental diseases and mental defect.

Admission rates as well as residence rates have risen in recent years. In 1937 there were 747 admissions to all mental institutions as compared with 907 in 1936. The rise in admission rates during recent years is due in part to the greater number of early, mild and temporary cases seeking such assistance as the mental hospitals are able to provide, as shown by the rising proportion of voluntary admissions; and in part to the greater number of mental defectives who are being forced into the institutions for one reason or another. Largely on account of this last group, the acceleration in discharges is not keeping pace with the acceleration in admissions.

At the Provincial Mental Hospital at Ponoka there were 662 admissions and 585 discharges, being an increase in the population of 73 patients. No additional accommodation was provided during the year, and the overcrowding of recent years has increased. It has been necessary to take advantage of every possible opportunity to discharge patients. Notwithstanding this, there is an annual increase of approximately 125 patients.

The ratio of staff to the patient population is below the accepted standard, and this condition interferes with adequate supervision and treatment. The reception wards have been kept free from overcrowding in an effort to facilitate recovery in new cases.

The congestion in the hospital as a whole might be relieved to some extent if adequate provision were made for the care of mental defectives and senile cases elsewhere. Many of the senile cases might be cared for in reliable homes if some compensation were granted those looking after such cases.

The medical staff is not sufficiently large to give the individual care which is desired in the treatment of mental cases. Efforts are being made to train both the nursing and attendant staffs, and this takes up a considerable amount of the time of the medical officers.

Similar overcrowding conditions prevail at the Provincial Training School at Red Deer. Reference has already been made to the accumulation of mental defectives at Ponoka, for the want of room in other institutions. Many of the patients at Red Deer who have been there for many years are moving into older age groups, and thus constituting further problems.

The addition of the new building at Oliver will do much to relieve the immediate pressure at Ponoka, but there will have to be further expansion in the near future.

The facilities provided by the Psychopathic Ward at the University Hospital, which was closed in 1933, continue to be greatly missed, both as a suitable centre for the observation and treatment of mild, borderline and doubtful cases and as a teaching centre.

Mental Health Clinics were held in Edmonton, Calgary, Lethbridge, Medicine Hat, Drumheller, High River, Ponoka and Coleman, and numerous places in the Peace River district. The examinations were carried out either by the Medical Superintendent or one of the medical officers on the staff of the Provincial Mental Hospital. A great variety of cases were examined, and some follow-up work was done on the cases discharged from the various mental institutions as well as some of the eugenics cases. The clinics continue to be of great service to the medical profession and to the public at large, and are of undoubted economic value to the Province. This is a type of work that should be greatly extended.

The report of the Eugenics Board shows that a total of 202 cases were presented to and passed by the Board in 1937, and 106 operations were performed.

Radio talks over CKUA were given during the year by various members of the institutional staff on subjects relating to mental health.

Attention must again be directed to the splendid work that is being done by the superintendents of the service and members of their respective staffs.

TABULATED SUMMARY
A.—INSTITUTIONS—MOVEMENT OF PATIENTS

Institutions		teside n. 1/		Ad	lmiss 193		Dis	cha 193	rges 7	1	Deat 193			tesid	lence /37
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Oliver Ponoka Red Deer Claresholm	521 939 108	673 101 99	521 1612 209 99	55 403 12	259 11 7	55 662 23 7	10 276 7	168 7 6	10 444 14 6	14 98 1	43 2 2	14 141 3 2	552 968 112	-	552 689 215 98
Totals	1568	873	2441	470	277	747	293	181	474	113	47	160	1632	922	2554

DEPARTMENT OF PUBLIC HEALTH

ADMISSIONS-BROAD DIAGNOSTIC DIVISIONS

	Ps	ych	otic	Ps	No				ally tive		Tota	ls
	M.	F	. T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Oliver Ponoka	43 300	21			14	11 84	33	33	66	55 403		
Red Deer Claresholm		****	7 7	****	1011		12	11	23	12	11	23
Totals	343	21	9 562	81	14	95	46	44	90	470	277	747
	В.—	CL	INICS	SUMM	AR	Y						
	THE Y	1969	1936				19	37	HANKE.		Tota	
	Clinic	cs	New Cases	Folloups		Clinics	Ne Cas	-	Follow- ups		since	e
Edmonton	39 21		66 76	117 227		40 20	80 66		150 237		907 843	
Lethbridge Medicine Hat	11		39 92	57 26		10	47		52 25		460	
Drumheller	3		24	26		3	22		21		69	
Peace River High River	9		96	18		14	118 23		15 8		316 23	
Ponoka Coleman				****		1	7		5		7	
Totale	97		202	471		99	416	7	512	1	2042	

The Eugenics Board for the Province of Alberta

(J. M. MACEACHRAN, M.A., Ph.D., Chairman)

The work of the Eugenics Board was carried on in a regular manner during 1937. The Board met eight times in all, six times at the Provincial Mental Hospital, once at the Provincial Training School, and once in Edmonton. The meetings were held in January, April, May, July, October and December. The meeting at the Provincial Mental Hospital in May was in the nature of a special meeting for the re-consideration of cases already seen, in accordance with the extended authority given to the Board by the Amendment to the Sterilization Act passed in April, 1937. Twenty-four cases were re-considered.

The Board considered and passed during the year a total of 202 cases-115 male and 87 female. This brings the total number of cases presented and passed by the Board to the end of 1937 to 1,115 560 male and 555 female. To December 31, 1937, there have been 581 operations for sterilization performed under the Board's direction. This total is made up of 220 male cases and 361 female cases. During 1937 there were 106 operations-58 on males and 48 on females. All of the operations during the year were performed by Dr. Robert O'Callaghan and Dr. L. C. Conn, surgical consultants to the Mental Hospital service, with the assistance of the medical, nursing and attendant staffs of the Provincial Mental Hospital, Ponoka. The Board wishes to express its appreciation of the very efficient services rendered by the surgeons, and especially to the members of the medical, nursing and attendant staffs who have cooperated so willingly and so ably in carrying out the duties assigned them.

The work in connection with the Board cases, particularly the follow-up work, is seriously hampered by the lack of adequate staff to carry it on. It has not been possible to do any direct follow-up work, although some contacts have been maintained through the different Mental Hygiene Clinics.

The Amendment to the Sexual Sterilization Act passed in April, 1937, has increased the authority of the Board to a considerable extent, particularly in regard to those cases considered as mentally deficient. The Amendment as well makes it more convenient to present cases through the Mental Hygiene Clinics. There have been, so far as known, no adverse reactions to the working of the Amendment to date.

The Board was very sorry to lose the services of Mrs. J. H. Field, one of the original members, who had to resign because of ill-health. Mrs. Field's place has been ably taken by Mrs. E. C. Pardee, who has served as a member of the Board since early in the year.

Dr. M. R. Bow, Deputy Minister of Health, gave a report on the work of the Eugenics Board before the Mental Hygiene section of the Canadian Public Health Association at the annual meeting in Ottawa, June, 1937. This report was a summary of the work done under the Board from 1929 to May 31, 1937, and later appeared as an article in the Canadian Public Health Journal.

In conclusion, the Board wishes to express its appreciation of the fine co-operation of the superintendents and medical staffs of the Provincial Mental Hospital, Ponoka, the Provincial Mental Institute, Oliver, and the Provincial Training School, Red Deer, and to Mr. E. J. Kibblewhite, Social Worker, for their continued efforts to further the work of the Board and for the careful way in which all cases have been presented.

Mental Hygiene Clinics

(R. R. MacLean, M.D., Director)

The Mental Hygiene Clinic work was carried on steadily during 1937. During the year a regular clinic was established at High River in connection with the Foothills Health Unit and with the cooperation and assistance of Dr. A. Somerville and his staff. The clinic is held every two months in the Health Unit Office in High River, and has been very well attended. Four clinics were held during the year, and 23 new cases seen. One clinic was held in Coleman in June at the request of the resident doctors there, and 7 new cases were examined. In addition to the above, a clinic was started at the Provincial Mental Hospital. Previously cases had been seen and examined there by appointment, but there was no regular service. Four regular clinics were held, but these were not well attended, and the clinic was discontinued, temporarily at least, during the later months of the year. It is felt that the clinic at Ponoka would have a greater chance of success if it were held in the town, or in a building apart from the regular war unit. At present accommodation outside the hospital is not available.

The clinics established prior to 1937 were all carried on through another year with no curtailment of services. These clinics are at Edmonton, Calgary, Lethbridge, Medicine Hat and Drumheller, with the annual series of clinics in the Grande Prairie-Peace River district. More detailed information regarding the various clinics is given in the sections devoted to each and in the tables that follow.

In the summer of 1937 Dr. Randall R. MacLean was appointed Director of Mental Hygiene Clinics. He had been acting in a supervisory capacity and was closely associated with the clinic work. He continued to carry on very ably following his official appointment as Director. During 1937 Dr. R. R. MacLean was in personal charge of approximately half of the clinics held, other than those in Edmonton, which were in charge of Dr. W. J. McAlister, Superintendent of the Provincial Mental Institute. Dr. MacLean is Superintendent of the Provincial Mental Hospital as well as Director of Mental Hygiene Clinics.

It had been intended to establish a Mental Hygiene Clinic at Red Deer in connection with the Health Unit services in that area, but the pressure of work already under way prevented this being done, and the establishment of the clinic was postponed.

There is a considerable and increasing amount of correspondence in connection with the Mental Hygiene work and cases throughout the Province. This tends to place an additional load on the Mental Hospital medical and stenographic staffs, and the one stenographer assigned to the Mental Hygiene work often has more than she can do unassisted. Many of the cases about which there is correspondence come up for examination later at one of the clinics.

The carrying on of the actual clinics has reached the point where it might well be the work of a specially appointed physician. Now a very large share of the work falls on the physicians at the Provincial Mental Hospital, who are already overloaded. This aggravates the situation at the hospital, and does not allow any one physician to give the clinic work the attention it should have. Also there are a number of districts in the Province that are not being served by any of the clinics at present being held. These might be served if additional personnel were available. The district east of Edmonton is one large area in which at least one new clinic centre should be established.

The usefulness of the clinic services could be increased considerably in other ways were the personnel available. The clinic and Mental Hygiene work already done in Alberta shows certain definite relationships in regard to the Mental Hospital work. The clinics are able to assist materially in keeping some of the milder mental cases out of the hospital, and to aid them in making a suitable adjustment and recovery without hospital treatment. Again the clinics are able to assist in getting those in need of hospital treatment into the hospital earlier, thus increasing their chances for a complete and undelayed recovery. Through the clinic and Social Services arrangements may be speeded up for the discharge of patients who have recovered in hospital. All of these points are of more than ordinary interest at present, when all of the Provincial Mental Institutions are filled to and over capacity.

The present social service personnel, one worker, makes it practically impossible to carry on anything like an adequate social and investigational work programme. The social worker attends all the clinics, but practically no follow-up work is possible on clinic cases because of the lack of time, except that actually done at the clinic itself. A number of the most important field trips in regard to hospital or clinic cases are made, but these are frequently delayed because of the press of other work, and many that should be made cannot be arranged for. During 1937 the social worker travelled approximately 21,500 miles in the discharge of his duties, of which some 9,000 miles were by car.

Dr. T. C. Michie, Assistant Superintendent of the Provincial Mental Hospital, has helped materially with the Mental Hygiene work. He has attended about half of the clinics outside of Edmonton, and was in charge of the series of clinics in the fall of 1937 in the Grande Prairie-Peace River areas. Dr. A. D. McPherson, of the Provincial Mental Hospital staff, also assisted with the clinics throughout the year when called upon to do so.

The clinic has been instrumental in referring a number of suitable cases to the Eugenics Board throughout the year. In addition, the clinic services are made use of to aid in the re-establishment of cases that have been before the Board. Here again, the service is inadequate due to lack of personnel. It has been evident that more suitable cases could be brought before the Board from outside sources if additional social service workers were available. It may be noted that during 1937 the Eugenics Board considered and passed 202 cases, bringing the total number of cases presented and passed by the Board to 1,115. To the end of 1937 there have been 581 operations for sterilization performed under the direction of the Board.

A brief resumé of the work done at the respective clinic centres follows:

Edmonton.

The clinics in Edmonton carried on regularly during 1937. There were 40 clinics as compared with 39 in 1936. During the year 1937, 80 new cases were dealt with, an increase of 14 new cases over the new cases seen in 1936. In connection with the Edmonton clinic, as with the other clinics held, it has been impossible to do much follow-up work. There is no doubt that the efficiency of the clinic could be improved considerably were it possible for the social worker to spend more time on the clinic cases and the follow-up work.

The clinic in Edmonton continued to be held in the Civic Block throughout the year. Dr. W. J. McAlister, Superintendent of the Provincial Mental Institute, was in charge. The clinic has enjoyed splendid co-operation from the City Health Department and the Medical Health Officer. Miss Chisholm, of the City Health staff, has assisted regularly; also Miss Emerson, Public Health nurse, and Miss Christianson, of the City Health and Baby Clinic services, have been most helpful.

Calgary.

The Calgary Clinic carried on successfully throughout 1937. Twenty clinics were held as against 21 in 1936; 66 new cases were dealt with as against 76 in 1936. However, the load of follow-up work and interviews was somewhat heavier in 1937 than in 1936, so that the total clinic load remained essentially the same.

Dr. R. R. MacLean, Superintendent of the Provincial Mental Hospital, and Dr. T. C. Michie, Assistant Superintendent, were in

charge, each taking approximately half of the clinics held.

The clinics continued to be held every other Wednesday in the City Hall. Miss Lavell and Miss Craig of the Pre-School and the Baby Clinic have continued to handle the making of appointments and aided materially in the successful carrying on of the clinic.

Lethbridge.

During the year 1937 there were ten clinics held in Lethbridge as against 11 in 1936. The clinics continued to be held approximately every fourth Friday. Forty-seven new cases were dealt with as against 39 in 1936. At one or more of the clinics early in the year the weather conditions were such that it was impossible for some of the patients, who had made appointments, to attend. It is felt that the Lethbridge Clinic would benefit if additional time could be spent in the area by the social worker. Under the existing set-up in 1937, this was not possible.

The clinics in Lethbridge were held in the Nursing Mission, as in former years. Miss Tilley, who is in charge of the Mission, has given the clinic very able assistance throughout the year and has looked after the clinic appointment list. Miss Tilley's help has been very

much appreciated.

Dr. R. R. MacLean and Dr. T. C. Michie were each in charge of approximately half the clinics.

Medicine Hat.

Three two-day clinics were held in Medicine Hat during 1937. On the first day of these clinics, cases were examined at the General Hospital, where accommodation was provided. On the second day of each trip the schools were visited. One less clinic was held in 1937 than in 1936. The number of new cases handled, 46, shows an apparently marked decrease from the 92 cases seen in 1936. However, the 92 cases in 1936 included a group of 23 school children who were given a group intelligence test. No group tests were given during 1937.

The resident physicians in Medicine Hat continued to take an active interest in the clinic work, and were most co-operative throughout the year. The clinic could not have carried on successfully had it not been for the active help and co-operation of Miss Hagerman, Public Health nurse, who looked after the appointment list and assisted with the cases examined at the hospital. Miss Smith, of the School Health Service, very ably assisted in handling the cases seen in the schools.

Dr. R. R. MacLean was in charge of two of the clinics, and Dr. T. C. Michie was in charge of the other.

Drumheller.

Three clinics were held in Drumheller during 1937. Three clinics were held also in 1936. In 1937, 22 new cases were seen and dealt with as against 24 in 1936. The clinics in Drumheller were held somewhat irregularly, trips being made when there were sufficient cases to be seen. The preliminary arrangements for the clinics were made by Miss Jones, Public Health nurse. The clinic service is very much indebted to Miss Jones for the assistance she has given. It is unlikely that successful clinics could have been held without her help. The clinics in Drumheller were held in the rooms provided for Miss Jones as Public Health nurse.

Dr. R. R. MacLean was in charge of two of the three clinics, and Dr. A. D. McPherson, of the Provincial Mental Hospital staff, was in charge of the third.

High River.

A new clinic centre was established at High River in connection with the Foothills Health Unit. The clinics are held in the Health Unit offices in High River. The clinic service is much indebted to Dr. A. Somerville and his staff for the very able assistance which they have given. They looked after the making of appointments and assisted with the examination of cases. This clinic is held approximately every two months on a Thursday following a Calgary Clinic.

Dr. R. R. MacLean and Dr. T. C. Michie were in charge.

Ponoka.

Efforts were made to establish a regular clinic at the Provincial Mental Hospital in 1937. It was planned to hold this clinic about once a month, and various sources for reference of cases throughout the district were contacted. Four clinics were held, but these were very poorly attended. Only 7 new cases were examined. It was decided in the later months of the year to discontinue the clinic for a time at least. One feature which appeared to influence prospective patients was that the clinic itself was held in the hospital building in an office on one of the wards. It is felt that the clinic would have a much greater chance of success were it possible to

hold it in a separate building on the hospital grounds or in suitable quarters in the town of Ponoka.

Dr. R. K. Thomson was the physician in attendance at the clinics which were held.

Coleman.

One clinic was held in Coleman during 1937. This was the first clinic in that area. It had been requested by the doctors resident in Coleman, as they had a number of cases which they wished to refer for an examination such as is provided by the clinic services. Seven new cases were examined. Accommodation for the examination of cases was provided in the Coleman Hospital. The resident doctors were very co-operative. It is difficult to visit Coleman very often, and it is doubtful if anything approaching a regular clinic service could be established there until additional personnel is available.

Dr. R. R. MacLean was in charge of the clinic.

Grande Prairie-Peace River.

The trip through the Grande-Prairie-Peace River district was made in September and October. A series of fourteen clinics was held, most of them being in the Grande Prairie area. A total of 118 new cases were seen altogether. The procedure was slightly different from that used on former clinic trips. Efforts were made to contact more cases in the outlying areas. A number of country schools were visited, so that cases could be seen that it would have been difficult to bring into one of the larger clinic centres. Due to a slight misunderstanding in some of the districts, the parents of the children thought that the clinic was prepared to give a physical examination to all the children of the area. This caused some disappointment, as all of the children could not be examined.

The clinic service is very much indebted to Mr. L. A. Walker, Inspector of Schools in the Grande Prairie district, for the time and effort he expended in order to arrange for the clinics at the various points in his inspectorate. Mr. G. Wilson, Inspector of the Peace River district, and Mr. J. W. Gillies, Inspector of the McLennan district, were very co-operative. Comparatively little time was spent in the Peace River and McLennan inspectorates in 1937, but it is planned to spend a larger proportion of the time in these areas in 1938.

Dr. T. C. Michie, Assistant Superintendent of the Provincial Mental Hospital, was the physician in charge of clinics in these areas. A number of cases referred by the physicians in the districts visited, were examined. The physicians contacted were very co-operative and seemed keenly interested in the clinic work.

The tables which follow are largely self-explanatory. Notes have been appended to several to cover certain points. In the tables themselves an effort has been made to prevent them becoming too detailed and cumbersome. In the tables, covering classification of cases and also in that dealing with recommendations made, the most outstanding feature of the cases, or what seemed the most important recommendation, have been used in the classification.

SUMMARY OF NEW CASES EXAMINED AND FOLLOW-UP WORK TABLE 1

		19	936				1937	Total	Total	
Place	No. of	New	Follow-up	Case Load	No. of	New	Follow-up	Case	New Cases	
Edmonton	39	99	117	183	40	80	150	230	907	
Calgary	21	76	227	303	20	99	237	303	843	
Lethbridge	11	39	57	96	10	47	52	66	460	
Medicine Hat	4	92*	26	118	65	46	25	7.1	310	
Drumheller	3	24	26	20	62	22	21	43	69	
Grande Prairie-Peace River	6	96	18	114	14	118	15	133	316	
High River	****	-	****	****	4	23	00	31	23	
Ponoka				-	4	7	10	12	1	
Coleman	****		2000	****	1	1		1	7	
Total	87	393	47.1	864	00	416	513	900	9949	
		-	****		00	ATA	070	0000	21.02	

The follow-ups and interviews given here include interviews on Provincial mental institution cases, which, in most cases, are reports or interviews on institution cases or ex-cases. NOTE:

*This group includes a school group of 23 cases who were given group intelligence tests. Only a few of this group were examined by the clinic physician.

†This includes two school groups, or 37, who were given group intelligence tests. Most of these were not examined by the clinic physician.

The clinics held in Medicine Hat were two-day clinics in each case.

AGE AND SEX CLASSIFICATION OF NEW CLINIC CASES, 1937 TABLE 2

	iges	H	4.1	22.6	32.4	15.1	6.0	5.3	4.3	2.2	1.9	1.3	4.1	1	
	enta	1	3.4	0.1	6.7	8.4	8.4	6.7	6.1	-	2.2	1.7	3.9	I	1000%
	Per	M.	4.6	24.5	35.8	12.7	4.2	4.2	3.0	3.0	1.7	2.1	4.2	1	
	Ils	H	17	95	135	63	25	22	18	6	00	00	17	1	416
	Pota	H	9	36	20	33	15	12	11	23	*	00	-	1	179
		M. F. T.	11	28	32	30	10	10	1	7	4	10	10	Ì	237
	er	-	63	14	19	00	2	23	NO.	23	0	0	63	1	59
	Oth	H .	-	10	9	00	63	-	63	-	0	9	63	1	24
-	Other	M	63	6	13	10	-	-	C)	1	0	0	1	1	32
	er er	H	0	34	09	21	-	0	63	0	0	0	0	1	118
	RIV	E.	0	14	27	12	-	0	-	0	0	0	0	1	55
	Gr. Prairie- Peace River	M.	0	20	33	6	0	0	1	0	0	0	0	1	63
	44														
	e Ha	M. F. T.	-	13	12	-	23	62	4	-	10	63	63	1	46
	cine	14	0	03	10	0	-	63	63	0	C)	-	63	I	18
	Medi	M.	-	=	-	-	-	-	-	-	00	1	0	I	28
	dge	H	2	NO.	10	20	6	3	00	00	23	C)	00	I	47
	nbri	Œ,	0	4	-	60	60	60	63	-	-	-	63	1	21
	Let	M. F.	63	-	4	23	9	0	-	63	-	-	9	1	26
	5	M. F. T.	10	17	15	10	10	4	-	0	-	7	13	1	99
	ılgaı	H	4	9	7	6	es	-	-	0	-	0	0	1	32
	ű	W.	9	=	00	-	23	60	0	0	0	-	13	1	34
	ton	H	-	=	24	18	IO.	10	001	00	0	00	01	1	8
	non	í.	-	n	4	9	io.	S.	-	0	0	-	-	1	23
	Edr	M.	0	9	20	12	0	20	031	00	0	23	-	1	51
		e Group	4	6	14	10	24	529	34	339	44	49			Totals
		Ag	0	0	10-	15-	20-	25-	30-	35-	40-	45-	20		

CLASSIFICATION OF NEW CLINC CASES ACCORDING TO INTELLIGENCE QUOTIENT, 1937 INTELLIGENCE QUOTIENTS OF 75 AND LESS

	. Range M. F. T.	2 0 2	3 7 10	17 9 26		
Calgary	M. F. T.	1 1 2	1 3 4	6 9 15	1 1	8 13 21
Lethbridge	M. F. T.	0 0 0	3 0 3	3 3 6	1 1	6 3 9
Gr. Prairie- Peace River	M. F. T.	0 0 0	1 2 3	14 10 24	1 1 1	15 12 27
Other	M. F. T.	2 1 3	8 2 10	15 7 22	1 1 1	25 10 35
Total	M. F. T.	5 2 7	16 14 30	55 38 93	111	76 54 130

NOTE: Total number of new cases in 1937 was 416. Thus of those given a definite rating, 130 cases, or approximately 31.3% of the total new cases seen, graded with intelligence quotients below 76.

TABLE 4a GIVEN CAUSES OF MENTAL DEFICIENCY IN NEW CLINIC CASES, 1937

Given Causes	monton	lgary	thbridge	. Prairie-	her Clinics	itals
Some positive heredity known	Ed	Ü	1	Peg	000	ol E
Sickness, injury, epilepsy	3	1	0	ó	4	8
Cause Unknown	24	14	8	20	21	87
Totals	38	91	-	97	35	120
	-	21	9	21		130
NOTE: In many of the cases listed under "Cause	Unkn	own."	very	incomple	te his	tories

NOTE: In many of the cases listed under "Cause Unknown," very incomplete histories were available. With further information a number would show heredity or other factors, it is believed.

MAJOR COMPLICATIONS IN NEW CLINIC CASES SHOWING MENTAL DEFICIENCY, 1937

Major Complications	Edmonton	Calgary	Lethbridge	Gr. Prairie- Peace River	Other Clinics	Totals
Behaviour problems other than Sex						
Delinquency	21	7	6	10	12	56
Sex problems	9	5	0	0	0	14
Psychoneurotic Reaction, Instability	5	0	0	0	2	7
Epilepsy	0	0	0	0	3	3
Cerebral Diplegia	1	1	0	0	0	2
General Retardation, no other specific						
problem	2	7	3	16	15	43
Physical Disability	0	1	0	1	3	5
	-	_	-	_		-
Totals	38	21	9	27	35	130

TABLE 5a CLASSIFICATION OF NEW CLINIC CASES, 1937—PRE-SCHOOL GROUP (0 TO 6 YRS.)

Nature of Cases	Sdmonton	Salgary	ethbridge	fedicine Hat	Jr. Prairie-	Other Clinics	Cotals
Examination and Report	1	6	1	0	0	1	9
Mental Deficiency	3	8	2	1	Ů.	2	16
Epilepsy	0	0	2	0	0	1	3
Other conditions	0	2	0	2	0	0	4
Totals	4	16	5	3	0	4	32

TABLE 5b CLASSIFICATION OF NEW CLINIC CASES, 1937—SCHOOL AGE GROUP (7 TO 18 YRS.)

Nature of Cases	Edmonton	algary	ethbridge	Medicine Hat	r. Prairie- eace River	Other Clinics	Totals
Behaviour problems, without Mental De-	M	0	H	2	20	0	H
ficiency (I.Q. over 75)	15	8	1	3	1	1	29
Mental Deficiency without other problems. Mental Deficiency with Behaviour problems.	5	2	1	2	26	12	48
including Theft	16	4	4	1	0	5	30
Mental Deficiency with Sex Delinquency	1	3	0	0	0	0 5	4
Mental Deficiency with Physical Defect Backward in school without Deficiency	1	0	0	0	1	5	7
(I.Q. over 75) Definite Delinquency without Mental	1	7	0	16	33	7	64
Deficiency	4	7	0	0	0	0	11
Epilepsy	1	1	2	0	0	3	7
Nervousness, Stammering	2	0	1	0	3	3	6
Examination and Report, no problem	0	2 2	0	1	41	3	47
Psychosis and Psychopathic Personality	2	2	0	0	1	1	6
Other conditions	0	0	1	1	9	2	13
Totals	48	36	10	24	115	39	272

TABLE 5c

CLASSIFICATION OF NEW CLINIC CASES, 1937-ADULT GROUP (OVER 18 YEARS)

Nature of Cases	Edmonton	Calgary	Lethbridge	Medicine Hat	Gr. Prairie-	Other Clinics	Totals
Mental Deficiency with Behaviour problems	4	2	2	0	1	3	12
Mental Deficiency with Sex Delinquency Psychoneurosis, Psychopathic Personality	6	3	0	0	0	0	9
Psychoneurosis, Psychopathic Personality	6	3	12	7	1	4	33
Psychosis (other than G.P.I.) Arteriosclerosis, Disseminate Sclerosis	8	3	10	6	0	2	29
Arteriosclerosis, Disseminate Sclerosis	0	0	2	0	0	0	2
Post Encephalitis	0	0	1	2	0	0	10
Other conditions	3	2	4	2	0	2	14
Other Conditions	-	-		-			14
Totals	28	14	32	19	3	16	112
Table 5a	4	16	5	3	-0	4	32
Toble 5b	48	36	10	24	115	39	272
Table 30	40			201	110		
Grand Totals	80	- 66	47	46	118	59	416

TABLE 6

AGENCIES REFERRING NEW CLINIC CASES, 1937

Agency	Edmonton	Calgary	Lethbridge	Medicine Ha	Gr. Prairie- Peace River	Other Clinics	Totals
School Teachers and Officials Doctors, including Medical Health Officers	1	18	0	23	112	9	163
and Clinics Provincial Child Welfare, Children's Aid,	21	13	29	19	5	31	118
Juvenile Court	26	19	4	0	0	1	50
Police, Provincial Jails, Courts	2	1	8	0	0	0	11
Homes, as Mountview, Beulah, Kiwanis	9	4	0	0	0	0	13
Parents, Relatives, Friends Provincial Health Department (other than	13	7	3	3	1	6	33
Child Welfare)	4	1	1	0	0	12	18
Relief Departments	1	1	0	0	0	0	2
Self	1	0	2	0	0	0	3
Other Agencies	2	2	0	1	0	0	5
Totals	80	66	47	46	118	59	416

TABLE 7

MAJOR RECOMMENDATIONS MADE IN REGARD TO NEW CLINIC CASES, 1937

Major Recommendations	Edmonton	Calgary	Lethbridge	Medicine Hat	Gr. Prairie- Peace River	Other Clinics	Total
Admission to Provincial Mental Hospital or Provincial Mental Institute Admission to Provincial Training School or	5	2	7	4	2	2	22
similar institution	8	10	3	1	6	7	35
Treatment by own Doctor or other Clinics Treatment given, including direct treatment	7	3	12	9	12	12	55
for epilepsy Continue home, institutional or school life,	0	1	1	1	0	1	4
with return visits to Clinic	8	9	2 3	4	50	10	83
Change in home routine, care, discipline Modified school programme, special class or	11	6	3	3	3	1	27
More social contacts and wider interests,	10	12	2	14	29	14	81
re-establishment of self-confidence	4	2 8	8	3	2	4	23
Sterilization and supervision	8	8	0	0	1	2	19
Return to clinic, further examination	6	6	7	5	11	4	39
Other recommendations, discussion with	7	4	1	0	0	0	12
parent or patient	6	3	1	2	2	2	16
Totals	80	66	47	46	118	59	416

Provincial Mental Hospital, Ponoka, Alberta

(R. R. MACLEAN, M.D., Medical Superintendent)

The movement of patients is set forth in Table 1.

PATIENT-POPULATION CHANGES

There were 1,612 patients—939 male and 673 female—in residence on January 1st, 1937. This was a gain of 122 patients over the preceding year. On December 31st, 1937, there were 1,685 patients in residence, representing an actual gain of 73 patients during 1937. No additional accommodation had actually been provided, but a new wing was in the process of construction at the Provincial Mental Institute, Edmonton, this building being specifically designed to accommodate refractory cases. During the year it was possible to transfer 48 patients to other institutions in the Province, which helped the congestion in this hospital to some extent. The overcrowding had increased, necessitating a great many patients sleeping on mattresses on the floor from sheer lack of floor space for beds. The day-rooms were used at night for sleeping quarters. As in previous years, overcrowding was not permitted in the reception wards. The congestion has become quite serious on the female side especially, since there is no plan for any increased accommodation for these cases. During the year prospective cases for admission to the hospital were scrutinized carefully when possible, and only the most urgent cases were authorized for admission. As the Attorney-General's Department and the Department of Public Health recognized the fact that there is such overcrowding, their co-operation was obtained and this assisted the hospital administration to a great extent. Many prospective admissions were seen in the Mental Hygiene Clinics which were held throughout the Province, and it was possible to sort out a great many cases which ordinarily might have been sent to the hospital for observation and investigation. Should psychopathic wards be established in a few of the general hospitals in the larger centres, it would appear certain that many cases of mild or transient disorders would be handled more satisfactorily in such wards, thereby relieving this hospital of a considerable amount of work as well as sparing many patients and relatives the worry consequent upon being admitted to a general mental hospital. The re-establishment of such psychopathic wards is urgently recommended. The logical places for such wards would appear to be in Edmonton, Calgary, and subsequently one in the Peace River country, and one in Lethbridge or Medicine Hat.

Admission of Patients

The total number of admissions for the year was 662—403 male and 259 female. The number admitted was 123 less than the previous year. First admissions totalled 499 (75.4%), re-admissions

149 (22.5%), and transfers 14 (2.1%). First admissions by voluntary admission numbered 113 (22.7%). The balance of 386 (77.3%) were admitted by other methods, the majority having been admitted by Warrant of the Attorney General. As in previous years, a great many have been admitted for treatment of syphilis in its various forms, but fewer drug addicts were admitted than in previous years.

The Attorney General's Department were requested to amend The Mental Diseases Act so that drug addicts would not be sent to this hospital, it having been concluded that treatment of such cases was almost an utter failure, and the time of the staff and the facilities of the hospital were consequently used to no avail and might have been put to better use in the care and treatment of more justifiable cases.

The nationalities were as follows, according to figures and percentages: Canadian born, 301 (45.5%); natives of Great Britain or British Possessions, 94 (14.2%); natives of the United States, 101 (15.3%); from other countries, 166 (25%).

SEPARATIONS OF PATIENTS

During the year 585 cases were discharged from the hospital, according to Table 1 (Discharges).

The discharge rate, exclusive of transfers, deaths and elopements, was 59.9% of the total admission rate. The death rate, based on the total number under treatment and observation, was 6.2%. There was an increase in the actual number of deaths for the year, with some increase in the death rate. Again, one observed that the overcrowding, with its consequent risks and hazards, did not materially affect the death rate. Brocho-pneumonia and tuberculosis again figured largely in the causes of death. In the early part of the year a great many elderly cases died of influenza and its complications. During the summer there was an epidemic of acute infective enterocolitis, which proved very difficult of treatment and eradication. This epidemic was responsible for the deaths of a great many of the elderly patients, who withstood the condition very poorly, whereas the younger patients usually survived. The medical staff found it necessary to use a great variety of forms of treatment for the condition, as generally accepted measures did not give as satisfactory results as were hoped for. The condition was more prevalent on the male side of the hospital.

ACCIDENTS

Considering the congestion in the hospital, there were comparatively few major accidents. There were 16 fractures, one suicide by hanging, and one member of the staff was badly beaten about the head by a patient, sustaining multiple skull fracture to which he subsequently succumbed. The overcrowding causes concern for the elderly and infirm patients, but the staff has proven to be very vigilant and accidents have been kept at a minimum. Accidents, both minor and major, are reported on regulation forms, which facilitates investigation and treatment.

ELOPEMENTS

There were 28 elopements during the year. Determined efforts were made to have as many patients as possible working outside or taken out on walking or recreational parties. As a result of the latter fact, the risks of elopement were greatly increased, and the number had actually increased. Notwithstanding this, it is felt that the general health of the patients has been such as to justify the risk, and in no instance was any elopement considered of a very serious nature.

GENERAL HEALTH

The general health of the patients and staff is considered of a particularly high caliber. Except for the epidemic of colitis and influenza, there was comparatively little illness among the patients, notwithstanding the congestion. It might be pointed out that there was a surprisingly small amount of sickness in members of the staff. Patients received typhoid inoculations on admission, as in more recent years, and there were no active cases of typhoid fever in the hospital. The staff were subjected to regular physical examinations, including X-rays of the chest. One member of the student nursing staff was found to have suspicious signs in the chest, necessitating her transfer to the Sanatorium.

CLINICAL WORK

The medical staff were obliged to work indefatigably in order to keep the records in order and afford the patients a maximum amount of medical attention under the circumstances. The records, including the current notes on patients, have been kept at a high standard. It has been found very difficult to carry on with special forms of treatment where there is an insufficient number of medical officers to permit of any one or more devoting much time to such special work. Notwithstanding this, 20 cases of Schizophrenia were given insulin therapy. The cases chosen for such treatment were admittedly not of the best types, but were taken from the continued treatment wards. When the treatment was first started early in the summer it had to be discontinued due to the presence of the epidemic of acute entero-colitis in the hospital. Towards the end of the year treatment was resumed. Results, on the whole, were not considered particularly good, but this was attributed to the fact that unsuitable cases were used. It is expected that better results will be obtained as time goes on and the more hopeful cases are given the treatment.

Staff conferences were held four times a week or oftener for discussion of new cases and reviews for those for special consideration. It was found necessary to increase the number of conferences from time to time in order to keep up with the high admission rate and the increased necessity for discharges in view of the overcrowding. In some instances the conferences decided to approve of the discharge of certain cases to the care of relatives, where this might not have considered advisable were it not for the congestion on the wards.

Medical staff meetings were held on Tuesday evenings, fortnightly. Physicians from neighbouring points were invited, and in many instances were able to attend. Papers were presented by members of the medical staff. This year the papers consisted of reviews of the work done in the hospital over a period of years. The topics for presentation were such as neurosyphilis and its treatment, post mortem results, insulin therapy, puerperal states. Medical journals were reviewed as formerly.

Newer drug preparations were given trials during the year, as well as newer forms of treatment such as insulin therapy.

It is still a matter of regret that the staff are unable to devote time to research and the preparation of papers for publication. Pressure of work does not permit of it.

Mental Hygiene Clinics were conducted at Calgary, Lethbridge, Medicine Hat, Drumheller, the Peace River district and High River, and special clinics were held at other points by request. The clinics were under the direction of the Medical Superintendent and his assistant and other members of the staff, including the medical officer at Claresholm.

The Medical Superintendent paid visits to the Auxiliary Hospital at Claresholm from time to time and discussed the problems and affairs of that institution.

DENTAL CLINIC

The work of the Dental Department, under Dr. Snedden's supervision, has been carried out most efficiently. Dr. Snedden has also visited the Claresholm institution and completed the dental work there. New patients are examined routinely and are given such treatment as is indicated. A great many of the new cases have very poor teeth, and there is a great deal of oral sepsis. Improvement in general health is assisted to a great extent when these conditions are cleared up. Emergency cases arising from day to day are given immediate treatment. Patients on the continued treatment wards are taken in turn, routinely, to the dentist. The increase in population has added materially to the work of the Department.

The following is a summary of the work done in this Department:

Extractions Abscessed teeth Unerrupted teeth Fillings Treatments Examinations Full Dentures		Repaired Dentures Partial Dentures Cleft Palate Gold Inlays X-Ray Cyst	38 6 1 6 32 2
---	--	--	------------------------------

X-RAY DEPARTMENT

The work of this Department has been carried out by a graduate nurse, who also acts as the dentist's assistant. Considering the antiquity of the X-ray machine, the plates have been very satisfactory. The hospital is still urgently in need of a new and up-to-date machine, which could be used to much better advantage than the present one. Under the present circumstances there is an everpresent danger of accidents, as the machine is not properly insulated and has already been branded as obsolete. At present it is particularly difficult to carry out satisfactory fluoroscopic examinations.

The following is an account of the plates which were taken:

Chests	222	Wrists	13
Teeth		Knees	12
Heads		Kidneys	6
Barium Series Fluoroscope		Gall Bladders	3
Ankles	6	Vertebrae	13
Shoulders		Ribs	6
Feet		Legs	8
Hips	7	Stomach and Duodenum Abdomen	17
Forearms	100	Heart and Great Vessels	6
Elbows	100	Fingers	5

HYDROTHERAPY

Mr. Gill continues to supervise this Department most satisfactorily. Prolonged baths, packs, electric cabinets, massage and other forms of treatment are given daily. Results have been very gratifying and the services of this Department are very much in use.

During the year two continuous bath tubs were installed in the bathroom on Female VI and have been used almost daily. Many of the refractory cases which formerly could not have treatment have responded very well to the baths, and the ward as a whole has profited by their installation. There is an acute need for a full-time hydrotherapist on the female wards.

In conjunction with his other duties, Mr. Gill has given lectures to the attendants and nurses on the theory and practice of hydrotherapy.

At yet the hospital has been unable to secure an ultra-violet ray, but there is no doubt that it is urgently needed and could be put to good use during the winter months.

OCCUPATIONAL THERAPY

This Department is under Miss Crysler's supervision. She is assisted by Miss Bier and members of the attendant and nursing staffs. The work of the Department has increased, and the results continue to be most gratifying. This forms one of the chief items of treatment in our hospital.

During the year arrangements were made to have the student nurses and graduate nurses attend the occupational classes for a week or ten days. The nurses, as a whole, have shown a great deal of interest in the work, and in many instances have regretted that they could not spend more time in the Department. Miss Crysler and her staff have co-operated to the utmost and are deserving of a great deal of credit and commendation.

Exhibits were sent to the Edmonton Exhibition as in former years, but it has still been impossible to place an exhibit in the Calgary Exhibition. The exhibit in Edmonton always provokes a great deal of interest and favourable comment.

The Annual Bazaar was held in the fall, in conjunction with a sale of home cooking and a tea. The function was very well attended by residents of the nearby towns. The receipts from the tea were used for the purchase of books for the patients' library and for other recreational facilities. As in former years, the ladies from the cottages donated the home cooking and assisted at the tea. The hospital appreciates this co-operation.

During the year more than one hundred books were added to the library, which is at the disposal of patients and staff. The circulation was maintained throughout the year, patients and staff alike being very interested in the reading material. It was necessary to enlarge the library. This was done by incorporating another single room into the library which was in existence. The alterations were made by the Superintendent of Building Maintenance and his assistants. The present library is attractively decorated, furnished and arranged.

The printing and book-binding department, under Mr. Frederickson's supervision, has been kept very busy. A large number of patients work in this department, and a surprisingly large amount of work is turned out. Forms for our hospital and other institutions are printed, and formal announcements are also made.

The occupational department continues to supervise the recreation of the patients. They are taken to the Recreation Hall for badminton and other games. Weather permitting, patients of this department are taken for walks, on skating parties and to the baseball diamond. A platform for shuffle board has been constructed and placed in the garden court, and has proven very popular among the ladies and men alike. The patients continue to enjoy working in the garden court, and the elderly women have taken a great interest in the garden which has been set aside for their use. During the year a very successful garden party was held in the garden court.

Bridge parties were held from time to time for the patients in the occupational department.

One of the highlights of the year was the opening of a new occupational studio in the basement of the female continued-treatment building. The room was obtained by the excavation of an unused basement. An afternoon tea was held at the opening of the new studio, and those in attendance were very favourably impressed by the new unit. This addition to the department provides facilities for occupation for a number of patients in the continued-treatment building, who would otherwise be deprived of an opportunity of attending the department.

RECREATION AND ENTERTAINMENT

The occupational therapy department continues to provide most of the entertainment for the patients. This department, in conjunction with Dr. Schrag and Mr. Young of Ponoka, put on a very enjoyable Christmas entertainment.

Patients' dances were held fortnightly during the winter months, and there was a large increase in the number of those attending these functions.

The facilities for talking pictures have not as yet been arranged, and it is a matter of much regret. This form of entertainment is most desirable, as it not only amuses the patients, but keeps them abreast of current events and developments. It is hoped that a talking picture machine will soon be obtained.

The Annual Sports Day was held in June. The weather, unfortunately, again was inclement, but the patients enjoyed the day nevertheless. During the day they were treated to peanuts, ice cream, hot dogs and soft drinks. Residents of the town assisted in

directing the sports and judging the contests, and are to be thanked for their co-operation.

The rink proved very popular with the patients and staff during the winter months. From time to time music was provided by means of the gramophone which was purchased the previous year. There was more interest in senior hockey during the winter months than in the previous season, and there was also a great deal of interest shown in the junior hockey team and its activities.

Staff dances were held at regular intervals and, on the whole, it was reported that they were more enjoyable than in previous years.

The "At Home," which has become an annual event, was held in the latter part of December. The attendance increased again and very few of the staff or the members of their families missed the event. It would appear that this function becomes increasingly more popular each year, as it provides an occasion on which members of the staff and their families get together and enjoy themselves.

Tennis proved very popular. The courts are used a great deal both in the evenings and in the early mornings by members of the nursing and attendant staffs, as well as others living on the grounds.

RELIGIOUS SERVICES

Clergymen of various denominations held regular religious services on Sundays and on certain other occasions. They are frequently called upon to visit the sick and, in many instances, the relatives request them to visit the patients. Their co-operation and assistance is much appreciated.

SOCIAL SERVICE

This department, under Mr. Kibblewhite's direction, has been taxed to its utmost owing to the increase in population in the hospital. It has also been necessary to solicit Mr. Kibblewhite's aid in investigating certain prospective cases in an effort to determine their eligibility for admission to the hospital. Much of Mr. Kibblewhite's time is devoted to the work of the Eugenics Board. Owing to the great pressure of work, follow-up work is well-nigh impossible, and additions to the staff of this department are urgently needed.

SURGICAL SERVICE

Doctors Conn of Edmonton and O'Callaghan of Calgary carried out the surgical work with very few exceptions. Dr. A. D. MacPherson, senior physician on the hospital medical staff, has directed the work most efficiently, and the results have been most gratifying. The anaesthetics were given by other members of the staff. The surgeons requested that a gas oxygen machine be installed, and negotiations are under way for the purchase of one. The post-operative death rate was exceedingly low despite the great risk in operations on patients of the type met with in the eugenics and hospital fields.

During the year 60 major and 68 minor operations were performed, a total of 107. A summary of the work done is given herewith:

Operation.	Male.	Female.	Total.
Vasectomy	54		54
Salpingectomy		19	19
Salpingectomy with Appendectomy		28	28
Appendectomy (emergency)	1	20	1
Orchidectomy	é		è
Horniotomy	0	1	0
Haemorrholdestomy	1	1	9
	1	1	4
Thyroidectomy	0.00	1	1
Exploratory Laparotomy	1	eres.	1
Perineorrhaphy		1	1
Amputation of Arm		1	1
Amputation of Breast		1	1
Circumcision	2		2
Suturing Finger	1		1
Tonsils and Adenoids	1		1
	75	53	128

NURSES' TRAINING SCHOOL

The fifth annual graduation exercises of the nurses and attendants were held May 20th. The second class in the combined course of general and mental nursing was graduated. Seven nurses completed their courses successfully, and reports from the affiliated training schools were very encouraging and flattering. Four attendants received their certificates, having completed the three years' training. Our experience, in so far as the combined psychiatric and general nursing course is concerned, is too brief to permit of any definite conclusions, but it is thought that the nature of the training is such that the results will be entirely satisfactory.

The post-graduate course was given as formerly, and thirteen nurses received their certificates following the year's work. It is the opinion of the training school office that the post-graduate course should be shortened to eight or ten months instead of twelve months as at present. It is felt that the course can be condensed and the interest of the graduates will be sustained more satisfactorily.

Lectures and clinics to the various nurses and attendants-intraining were given by the medical and nursing staffs.

Five nurses were granted two years' leave of absence without pay in order to affiliate with the training schools in the general hospitals in Edmonton and Calgary.

The following constitutes the allotment of our nurses-in-training to the various affiliated schools: Calgary General 2, Holy Cross 1, Royal Alexandra 2.

Miss Lynch, Superintendent of Nurses, directed the activities of the training school most efficiently. Following her resignation in the fall, her work was taken over by Miss C. N. Jackson, who was appointed Acting Superintendent of Nurses, and who had been a member of the staff for a number of years in various capacities.

Miss Virginia Evans, who succeeded Miss Jackson as instructor, discharged her duties most creditably.

The changes in the personnel did not appear to affect the caliber of the work done or the training received.

TEACHING OF MEDICAL STUDENTS

Final year medical students from the University of Alberta came as before in groups of four or five and were in residence for two weeks. Lectures and clinics were given to these students by the medical staff. The students also assisted with the histories and autopsies and attended all conferences and medical meetings.

MEDICAL LIBRARY

Several new volumes were added to this library. Leading medical journals were subscribed for, as before, and were read extensively by the medical staff and the students.

VISITORS

During the year Dr. Bow, Deputy Minister of Public Health, visited the hospital on several occasions and inspected same. His visits were much appreciated. He has rendered valuable assistance to the administration of the hospital.

Dr. Hincks, General Director of the National Committee for Mental Hygiene, visited the hospital during the year, and inspired the staff by his enthusiastic discussion of his department and the work they have been doing in recent years. His visits are very much appreciated and enjoyed, and he is always in a position to offer many valuable suggestions and give a great deal of practical advice.

The hospital was also favoured by visits from various members of the Legislature, who took a keen interest in the hospital administration and the welfare of the patients.

Friends and relatives of the patients visited in great numbers. The majority of them were interviewed by members of the medical staff. Whereas on occasions some complained, a great many expressed satisfaction and gratitude for the manner in which their relatives were being treated in the hospital.

Regular meetings of the Eugenics Board were held every two months. Owing to the large admission rate, it is necessary to hold more meetings than formerly. The visits of the Board are looked forward to by the staff, and the patients also seem to appreciate their presence. Advantage is taken of the presence of the Board to discuss the problems arising in the hospital, and frequently Dr. Pope is asked to examine members of the staff or patients and express an opinion and give advice where members of the hospital medical staff feel that a consultation is advisable.

ACCOMMODATION AND ALTERATIONS

There was no material increase in the accommodation for patients during the year. The overcrowding, which appeared to have reached its maximum amount during the previous year, continued to increase, making the situation more difficult than before. Some additional accommodation for storing patients' effects was obtained by excavating basement rooms in the continued-treatment block. This relieved the wards of the necessity of using single rooms for patients' effects. Accommodation for an additional six beds was obtained on the female convalescent ward in the receiving block by removing the hydrotherapeutic fixtures in that suite, which was formerly set aside for a case room. Additional accommodation for female refractory cases and elderly female patients is most urgently needed. Even with the opening of the new building under construction at Oliver and the transfer of two hundred patients, there will still be overcrowding on the male side.

The buildings without exception continue to deteriorate, and a considerable amount will have to be spent in repairs.

DEPARTMENTAL ACTIVITIES

Laundry.—The work of this department increases in proportion to the increase in population and the increase in the admission rate. Some alterations have been made and some new equipment obtained, but the laundry staff complain of the pressure of work and lack of adequate facilities.

A comparatively large room for drying purposes was obtained by excavating the basement of the continued-treatment block adjoining the laundry. This has been found of great value.

Tailor Shop.—During the year Mr. Potter directed the activities of this department very efficiently. Patients' clothing and attendants' uniforms, as well as a great variety of work, was done with the aid of a certain number of patients.

A most regrettable accident occurred in the tailor shop, resulting in Mr. Potter's death. One of the patients became disturbed and struck Mr. Potter over the head, fracturing his skull.

A new tailor was appointed and arrangements were made for moving the shoe repairing equipment into the tailor shop, so that there would be two members of the staff available for the supervision of the patients.

Occupational Carpenter Shop.—This department repairs furniture and does a considerable amount of work for the farm and other departments. Mr. George Watt continues to supervise the work.

Sewing Room.—The work of this department increased to such an extent that it was necessary to place an assistant in with Miss Naunton. The work of the department is highly commendable. During the year arrangements were made to repair to a greater extent dresses which were torn on the wards. This latter arrangement has reduced the cost of maintaining the department.

Stores.—Mr. Walter Mason,, with an assistant, operates this department. The duties have increased, and the work is of such a character that careful attention and supervision are always essential.

Kitchens and Dining Rooms.—This department, although functioning most efficiently, is very seriously handicapped from lack of space and facilities. Additional accommodation is essential and must be provided to keep this department in a satisfactory condition.

During the year the bake shop was altered and a small oven installed. This has helped to a great extent, but has by no means solved the major difficulties. Part of the space of the kitchen is taken up by the dietitian's office. There would be some advantage in moving this office to another location or in making an addition to the kitchen to provide office space.

Miss Stacey and her staff are to be complimented on the manner in which the work of the department is discharged.

Student dietitians from the University Hospital in Edmonton came regularly and spent ten days or two weeks observing the routine. Without exception, they have shown great interest in the work, and many subsequently applied for a position in the service. There would appear to be a decided advantage in encouraging such students to come, as appointments can be made more readily where the applicant has had some experience in this particular branch of the service.

Gardens and Grounds.—Mr. Mayled, the gardener, is to be complimented upon his work in providing fresh greens, vegetables and honey during the summer. This department raises more than an ample amount of vegetables, and the crop during the current year was unusually large.

The hospital grounds were kept in a very good condition, but the department needs more assistance in order to keep the lawns properly mowed and the trees and shrubs properly pruned. Visitors and relatives of patients display great interest and enthusiasm over the beauty of the grounds.

Farm.—This department, under Mr. McKinnon's direction, provides the hospital with certain types of vegetables, as well as raising fodder crops and maintaining an adequate supply of milk for hospital use. Additions were made to the piggery and a great deal of pork was supplied to the hospital. The raising of sheep has developed into quite an industry. Considerable revenue has been derived from the sale of wool, and the mutton has been used in the hospital diet. The sheep were pastured for the most part on the golf course.

Chicken Ranch.—Mr. Carleton continues to supervise this department. Chickens and turkeys were raised for hospital use. Fresh eggs were supplied daily to the kitchen for staff and patient diets.

Business Office.—The work in the business office, under Mr. McDonald's supervision, was carried out very efficiently. The amount of work has increased tremendously, and there would appear to be need for additional staff in that office or the instalment of some up to date accounting machines.

STAFF CHANGES

As in former years, there were certain major staff changes during the year.

Miss Catherine Lynch, Superintendent of Nurses, resigned to proceed to Winnipeg to take the position of Superintendent of Nurses in the Winnipeg General Hospital. Miss Lynch had been Superintendent of Nurses in this hospital since 1931 and was instrumental in organizing the training school and, working in collaboration with Dr. Baragar, arranged for the affiliation of this training school with general hospitals. She discharged her duties most efficiently, and succeeded in bringing to the existing state of efficiency the entire nursing service in the hospital. She was held in the highest esteem by the staff and throughout the Province, and it was with a profound feeling of regret that her resignation was received and accepted. She was anxious to return to the realm of general hospital nursing schools. Her services will be greatly missed.

Miss C. N. Jackson was appointed Acting Superintendent of Nurses to fill the vacancy left by Miss Lynch. Miss Jackson has been a member of the nursing staff for a number of years, having more recently held the position of Instructor of Nurses. Her appointment was very popular, and it is expected that the work in the training school will be carried on satisfactorily by her.

Miss Virginia Evans, a graduate of the Moose Jaw General Hospital, with post-graduate training in nursing instruction in the McGill School of Nursing, was appointed to the position of Instructor of Nurses. Miss Evans has proven very efficient, and the appointment has been popular.

Miss Selma Erickson, who for a number of years held the position of Supervisor of the male reception wards, resigned to take a position in the Psychopathic Ward of the Vancouver General Hospital. It was with regret that her resignation was received and accepted, as Miss Erickson had discharged her duties most efficiently, and was considered an almost indispensable member of the staff.

In October, Dr. Herman Siemens, who had been acting in the capacity of ward physician during the summer months, resigned to enter private practice in Edmonton.

In July, Dr. R. R. MacLean was appointed Medical Superintendent. He had acted in the capacity of Acting Medical Superintendent from the date of Dr. Baragar's death until his appointment. Dr. MacLean has been a member of the medical staff of this hospital since September, 1928, with the exception of the years 1930 and 1931, during which time he did post-graduate work in the Boston Psychopathic Hospital, Boston, Massachusetts, the National Hospital, Queen's Square, London, England, and the Burgholzil Hospital, Zurich, Switzerland.

Dr. T. C. Michie was appointed Assistant Superintendent following a year's satisfactory service in the capacity of Acting Assistant Superintendent. Dr. Michie has been a member of the staff of this hospital for five years, and spent three years at the Mayo Clinic in post-graduate study.

Conclusion

During the year overcrowding on both male and female wards increased and gave cause for serious alarm. Construction on a new male ward at the Provincial Mental Institute, Edmonton, was started, but unfortunately the work was not completed, and the transfer of patients was not possible.

There were several major staff changes in connection with the medical and nursing staffs. Difficulty was experienced again in keeping the nursing staff up to full strength due to the fact that there were so many lucrative positions open to graduate nurses, chiefly in the United States.

Departmental heads and employees co-operated to the fullest extent during the year, and the Medical Superintendent wishes to express his thanks for their assistance in the discharge of the duties of the hospital. Again, on my own behalf and on behalf of the staff of this hospital, I should like to express my pleasure and appreciation for the co-operation received from the Minister of Health, the Deputy Minister of Health and other departments of the Government during the year.

Attached is the report from Dr. M. Carnat, Medical Officer in charge of the Provincial Auxiliary Hospital, Claresholm, on behalf of and covering the activities of that institution.

TABLE No. 1 MOVEMENT OF PATIENT POPULATION DURING 1937

	Male	Female	Total	3000	Female	
In residence December 31, 1936				939	673	1612
Admissions:	*					
First Admissions:	70	43	113			
(a) Voluntary(b) Certificates	31	42	73			
	205	89	294			
(4) 35 D A-4	9	10	19			
Re-admissions:	9	10	13			
(a) Voluntary	16	14	30			
(b) Certificates	5	13	18			
(c) Warrant	61	37	98			
(d) M.D. Act	1	2	3			
Transfers	5	9	14			
	-		-	403	259	662
				1342	932	2274
Discharges:						
(a) As recovered	54	40	94			
(b) As improved	84	71	155			
(c) As unimproved	10	17	27			
(d) As without psychosis	90	30	120			
(e) Transfers	38	10	48			
Deaths	98	43	141		125	
				374	211	585
In residence December 31, 1937				965	720	1685
On leave of absence				3	1	4
Total				968	721	1689

TABLE No. 2 SHOWING THE PHYCHOSES IN THOSE ADMITTED DURING 1937

	Psychoses	Male	Female	Total
1.	Traumatic psychoses	1	2 0111110	1
2.	Senile psychoses	14	13	27
3.	Psychoses with cerebral arteriosclerosis	35	12	47
4.	General paralysis	26	5	31
5.	Psychoses with cerebral syphilis	3	1	4
6.	Psychoses with Huntington's Chorea	10.50	î	1
7.	Psychoses with brain tumour	1000		
8.	Psychoses with other brain or nervous diseases:	1010	*****	
0.	(a) Chronic encephalitis		3	3
		1111	-	1
9.	(b) Syphilis	10	1	12
10.	Alcoholic psychoses	12		
11.	Psychoses due to drugs and other exogenous toxins	4111	1	1
-	Psychoses with pallagra		4110	2000
12.	Psychoses with other somatic diseases:			
	(a) Post infectious influenza	****	1	1
	(b) Diabetes mellitus	1	****	1
	(c) Hyperthyroidism	1		1
13.	Manic-depressive psychoses:			
	(a) Manic type	15	24	39
	(b) Depressive phase	14	25	39
	(e) Hypomania	3	5	8
	(d) Circular type	1	1	2
	(e) Mixed type		3	3
14.	Involutional melancholia	2	5	7
15.	Dementia Praecox (Schizophrenia):			
	(a) Paranoid type	38	6	44
	(b) Catatonic type	82	66	148
	(c) Hebephrenic type			
	(d) Simple type			
	(e) Undefined	6	3	9
16.	Paranoia and Paranoid Conditions	11	8	19
17.	Epileptic psychoses	14	10	24
18.	Psychoneuroses and neuroses	3	5	8
19.	Psychoses with psychopathic personality			
20.	Psychoses with mental deficiency	10	11	21
21.	Undiagnosed psychoses	8	2	10
22.	Without psychoses:	5	2	7
fiche-	(a) Epilepsy	2	2	4
		5	1	
	(b) Alcoholism	~	-	6
	(c) Drug addiction	11	3	14
	(d) Mental deficiency	33	33	66
	(e) Neuro-syphilis	29	1	30
	(f) Cerebral syphilis	4	1111	4
	(g) Somatic syphilis	1	****	1
	(h) Psychoneuroses	6	2	8
	(i) Chronic encephalitis	1	1	2
	(i) Cerebral arteriosclerosis	1	4000	1
	(k) Psychopathic personality		1	1
	(1) Early schizophrenia	2	****	2
	(m) Paranoid trend	1	****	1
	(n) Pernicious anaemia	****	1	1
	(o) Neuroma amputation stump	1		1
	(p) Undiagnosed	1		1
		-		-
	Total	403	259	662

F1-12	3141	421		-1212 & 38	9 148	24 8	201 101 300 41 82 11 11 11 12 12 12 12 12 12 12 12 12 12	662
Total F.	722	4 4	-11	222			20000-08-	259
	283	1 2 1		2460 2			2331312538	403
								4
25	-	11111	111	HILLI	-01		2-1111111111111111111111111111111111111	-
OSES Divorced M. F. T.	1111	11111	111	111111			N	01
MITH REFERENCE TO PRINCIPAL PSYCHOSES Married Widowed Separated Div. M. F. T. M. F. T. M. F. T. M. B. T. M. F. T. M. F		11111		1111111				110
OH:	1 1 1 1	1 1 1 1 1	1.1.1	1.1010401.10	and the same of th			
SYC								
Separated M. F. T.	40	1 17 1 1	111			i -		21
PA epar F.	- 111		- 111	HHIII	101111			10
NC.	00 01	11711	III	!!!!	!!!	-		16
PRI T.	119		-	04 4.	: :	4		40
Widowed M. F. T.	- : : :	11111		0100 17	11111			
VIG	וחדמו	11011						9 21
ENC		1.1 1.1		1 1 1 1		****		19
ER						C1010		
Married M. F. T.	1222	14		222222			8862388812 241 111 11	271
TH Tarr	221	4 -		784-14	464	4410	4000-14	149
WIN WI	1221	1100	17	400	171	101	2000-4-410 2- 1- 1- 1-	122
No.								
TABLE No. Single M. F. T. 1 1 1	101	-	-	4000	82 23	380	2-00 0240-401	323
TAE	1111	11111	111	244 44			28 1 1 1 1 1 28 1 1 1 28 1 1 1 28 1 1 1 28 1 1 1 28 1 1 28 1 1 28 1 1 28 1 1 28 1 1 28 1 1 28 1 1 28 1 1 28	82
TABLE No DURING 1937 Single M. F. T. 4 1 5	101	11-11	-	646			8 H 2 H 1 B 2 B 2 H 2 H 2 B 2 B 2 H 2 H 2 H 2 H 2	
						111.5		241
E								
ADMITTED								
								-
VIS								
CIVIL STATE OF PATIEN Psychoses hoses								1
PAT		se		ase lia			cy cy silving silving stumb	
)F		seas to:			(B)	ns		
E E		ib s	enz		ren	itio	alit	
AT	osis	70US	ses:		udo	ond	y y	
STATE	cler	exc	sea is in litur sm	nase	e e riz	d c	s s s s s s s s s s s s s s s s s s s	
VIL	chills	or 1	tion tion mel oidi	se pla	B icytes	s d	ose	
CT	sis yph n's	in in nose	ifective if hyper	sive ani ur t tyr	red red x	ose	de sechine sec	Total
osyc	al a	tun bra sycl	ter somatic diseases: Post infectious influenza Diabetes mellitus Hyperthyroidism	ores oom cula red m	ano ator eph ple	ych	Actopatine personanty ntal deficiency osed psychoses psychoses psychoses psychoses psychoses psychoses Alcoholism Drug addiction Mental deficiency Neuro-syphilis Somatic syphilis Cerebral syphilis Psychoneuroses Chronic encephalitis Early schizophrenia Psychopathic personality Paranoid trend Pericious anaemia Neuroma amputation stump Undiagnosed	H
ic 1	par par ebr	nin per per lagr	other somatic diseases: a) Post infectious influenza b) Diabetes mellitus c-dispersive bsvchoses:	Manic phase Depressive phase Hypomania Typomania Mixed type Mixed type	entia Praecox (Schizophrenia): (a) Paranoid type (b) Catatonic type (c) Hebephrenic type (d) Simple type	ps ps	yenopaune personanty osed psychoses psychoses Epilepsy Alcoholism Drug addiction Mental deficiency Neuro-syphilis Somatic syphilis Psychoneuroses Chronic encephalitis Early schizophrenia Psychopathic personality Paranoid trend Peranoid trend Peranoid trend Neuroma amputation stump Undiagnosed	
nati	ral Hu	bri holik pel	C-de (5)	tie Googa	e G C C C C C C C C C C C C C C C C C C	ptic	SOURCE SEED OF THE	
CIVI Traumatic psychoses Senile psychoses	With cerebral arteriosclerosis General paralysis With cerebral syphilis With Huntington's Chorea	With brain tumour With other brain or nervous disease Mith other brain or nervous disease Mith other psychoses Due to drugs or other exogenous toxins. With pellagra	With other somatic diseases. (a) Post infectious influ. (b) Diabetes mellitus (c) Hyperthyroidism Manic-depressive psychoses:	(a) Manic phase (b) Depressive phase (c) Hypomania (d) Circular type (e) Mixed type Involutional melancholia	em	Paranola and Paranold conditions Epileptic psychoses Psychoneuroses and neuroses	With mental deficiency Undiagnosed psychoses (a) Epilepsy (b) Alcoholism (c)) Drug addiction (d) Mental deficiency (e) Neuro-syphilis (f) Cerebral syphilis (g) Somatic syphilis (h) Psychoneuroses (i) Chronic encephalitis (j) Cerebral arteriosclerosis (k) Early schizophrenia (l) Psychopathic personality (m) Paranoid trend (n) Pernicious anaemia (n) Neuronic amputation stump (o) Neuronia amputation stump	
161	64.4.00	10.98	13.	14.	12	16.	22.7.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	

TABLE No. 4
AGES OF PATIENTS ADMITTED DURING 1937

					Fi	rst.	F	le-			
					Adm	issions	admi	ssions		Total	
			Ages		Male	Female	Male	Female	Male	Female	Total
Ur	ide	r 15	year	rs	2	6	2		4	6	10
15	to	19	years		19	22	3	2	22	24	46
20	to	24	***		29	19	7	5	36	24	60
25	to	29	- 11		25	24	16	4	41	28	69
30	to	34			41	21	12	11	53	32	85
35	to	39	**		45	23	7	11	52	34	86
40	to	44	44		24	18	4	11	28	29	57
45	to	49	- 11		37	10	9	7	46	17	63
50	to	54	4.6		28	12	11	12	39	24	63
55	to	59	41		23	9	7	6	30	15	45
60	to	64	44		13	7	5	2	18	9	27
65	to	69	**		9	3	2	2	11	5	16
70	ye	ars	and	over	20	10	3	2	23	12	35
			T	otal	315	184	88	75	403	259	662

TABLE No. 5

NATIVITIES OF PATIENTS ADMITTED DURING 1937

Nativities	Male	Female	Total	Nativities	Male	Female	Total
Canada	168	133	301	Greece	1		1
England	. 39	19	58	Holland		1	1
Scotland	13	11	24	Hungary	9		9
Ireland	6	2	8	Lithuania	. 1		1
Wales	3		3	Norway	5	2	7
Other British Possessions	2		2	Poland	15	11	26
U.S.A.	54	47	101	Rumania	1	1	2
Austria	14	6	20	Russia	11	8	19
Belgium	1	4	5	Spain	1		1
China	5		5	Sweden	9	3	12
Czechoslovakia	7	1	8	Switzerland	1		1
Denmark	5	3	8	Ukraine	13	3	16
France	3		3	Yugo-Slavia		1	1
Finland	5	3	8	A STATE OF THE PARTY OF THE PAR	-	-	-
Germany	11	1	12	Total	403	259	662

TABLE No. 6

PLACE OF RESIDENCE OF PATIENTS ADMITTED DURING 1937

Place of Residence	Male	Female	e Total	Place of Residence	Male :	Female	e Total
Acme	. 2		2	Carseland		1	1
Aklavik			1	Cereal			1
Alcomdale			1	Chauvin		1	3
Alix		1	1	Chedderville	-		1
Alliance		î	1	Cherhill		1	1
		1	1	Chigwell			î
Ardmore	1		1				î
Ardrossan		1	1	Chinook Chipman			î
Arrowwood			1				1
Atlee		97	1	Chip Lake		1111	1
Barlow Junction		1	2	Clairmont			1
Barrhead		1	2	Claresholm		1	1
Bashaw		1111	3	Clear Hills		4	1
Bawlf		1	1	Clive		1	1
Baytree	1	1111	1	Coleman		1999	3
Beaumont		2	2	Cold Lake		1	2
Beauvallon	. 1		1	Conjuring Creek		1	1
Beaverlodge	. 1		1	Connor Creek	1	1000	1
Bellevue		2	3	Cookville		1	1
Belvedere	. 1		1	Cosmo	1		1
Bentley	2	1	3	Craigend		1	1
Benton			1	Cremona	1		1
Bergen			1	Crossfield		1	1
Berwyn		1	1	Dapp		1	2
Beverley	-		2	Darwell			1
Bingley			1	Daysland	3	1	4
Black Diamond		1	2	De Bolt			1
Blackfoot Reserve			1	Delburne			1
Blairmore		1	2	Derwent		1	1
			3	Didsbury	-		2
		4	9	Dixonville		1	3
Bluffton		1	1		-	2	4
Bondiss		1	1			-	1
Bonnyville		1	1			1	1
Botha		1	1	Downing		1	Â
Bowell		2	3	Drumheller	- 4	1	1
Breton		2	3	Duchess		45	124
Brownvale		1	1	Edmonton			164
Bruce		3	3	East Coulee	- 100	1000	1
Bruderheim			1	Eckville	-	1	3
Bufort	. 1		1	Edgerton		2	3
Calgary	. 77	39	116	Edson	2		2
Cadogan	. 1		1	Ellscott	1		1
Calahoo Reserve			1	Enilda	1		1
Camrose		1	1	Esther		1	1
Cardston	4	1	2	Evansburg	1		1
Caslan			1	Fairview			1
Carrot Creek		1	1	Falun	2		2

Place of Residence Faust		2 01111110	1	Place of Residence Peace River		1	3
awcett			3	Perryvale		1	1
leet		1	1	Phippen, Sask.	1		î
oremost		1	2	Pibroch	1	1111	1
oresburg	1	1	2	Pickardville	1		1
ort Assiniboine			1	Pincher Creek	1		1
ort Saskatchewan		1	3	Ponoka	2	4	6
leichen		1	1	Provost	1	1414	1
Henevis Frande Prairie		1	2	Pouce Coupe, B.C. Radway Centre	1	4	1
Freencourt			2	Raley		1	1
rimshaw		1	1	Raymond		1	î
alkirk			2	Redcliffe	3		3
lanna	2	1001	2	Red Deer	2	1	3
Iardisty	1	100	1	Red Willow		1	1
lay Lakes	1000	1	1	Reno		1	1
layter	2	-	2 2	Ribstone	1		1
leath	1	1	1	Rimbey		1	3
leinsburg	1	-	î	Rocky Mountain House	1000	1	1
lemarukaligh River		2	2	Rose Lynn		1	1
ilda		ī	1	Rosyth		1	1
inton		1	1	Royalties			î
lolden		1	2	Ryley			î
ollow Lake			1	Saddle Lake Reserve			1
Iondo		2	2	St. Lina		iii	1
Iorse Hills	. 1	1111	1	St. Paul		1	1
lotchkiss	. 1	-	1	Schuler	1		1
Iuallen		1	1	Scollard		1	1
nnisfail			3	Sedalia Severnith	1 2	2	3
rma		1	1	Sexsmith Shepard		1	3
ron River	1		î	Slave Lake			1
arvie		1111	1	Smith	1		î
udah		1	1	Smoky Lake			2
Cillam		2	3	Spedden	1	1	2
Cingman	. 1		1	Spring Coulee	1	100	1
Cinsella	. 1	2	3	Standard	243.0	1	1
Citscoty	. 1	****	1	Standoff		1	1
Cnob Hill	5	2	7	Sterco		1011	1
acombe		2	2	Stettler		1	3
a Corey		1	1	Stewartfield		ï	3
athrop			2	Stony Plain Strathmore			1
educ egal	1		1	Strome			1
eslieville	1	2	3	Styal		1	2
ethbridge	. 5	3	8	Sundre			1
indbergh		1	1	Sunnybrook	1		1
ittle Prairie	. 1	772	1	Sunnynook		1	1
loydminster	. 1	2	3	Sylvan Lake	1	1000	1
ockhart		1	1	Tangent		1	1
omond	. 1	ī	2	Tawatinaw	2	2	4
ougheed	. 1	1	ī	Teepee Creek Three Hills		9	1
undbreck		î	î	Thorhild		2	4
uscar ymburn	1		î	Thorsby		1	1
Macleod	3	1	4	Tofield	1		î
Magrath		1	1	Tomahawk	1		1
Mannville		1	1	Travers		1	î
Mazeppa		9494	1	Trochu	2	100	2
Medicine Hat		6	10	Turin		1	1
Meeting Creek		1	1	Turner Valley	2	****	2
Metiskow	. 1	-111	1	Usona	-	1	1 3 2 2 2
Aidnapore		1 2	1 4	Vega		2	3
Millet		1	1	Vegreville		2	2
Minburn		2	3	Vermilion Viking		1	5
Mirror Landing		ī	1	Vilna			1
Mirror Landing Moose Lake		î	î	Vulcan		1111	î
Morecambe		1	1	Warburg	î		î
Mossleigh	1	****	1	Waskatenau		3	3
Mundare	. 2	****	2	Waterglen	. 1	****	1
Musidora	. 2	1111	2	Watino		1	1
Myrnam	. 1		1	Wayne	1		1
Mystery Lake		1	1	Wembley	1		1
Nanton		1	3	Westlock	2	1	3
Neerlandia		1	1	Wetaskiwin Whitecourt		4	5 2
Newbrook			1	Whitelaw			2
Newcastle		1	1	Whitla			1
New Kiew		Service Services	î	Wildwood			1
New Serepta Nobleford		1	3	Willingdon		1	
Northern Valley			1	Wimborne			2
North Star			1	Winfield		1	1
Ohaton	. 1		1	Wood River	. 1	****	1
Olds	. 2	****	2	Woolchester		1	1
Onion Lake	. 1	100	1	Wrentham	. 1	****	1
Onoway		1	1	7.4.1	100	OFO	000
Opal	. 1	1010	1	Total	444100	259	662

DISCHARGES CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES AND CONDITION ON DISCHARGE TABLE No. 7

		H	OR TH	FOR THE YEAR 1937	1937							
		R	Recovered	eq	I	Improved	pa	D	Unimproved	pave		Total
	Psychoses	M.	Œ.	H.	M.	ja;	H.	M.	E.	H.	M.	Gi.
-	Traumatic	1	1		1				.0	0	-	.0
03.00	Senile With cerebral arterlosclerosis	6	-	10	60	9	- 6	11	4	4	12	-10
2 47	General paralysis	1	- 100		-	1	00		1	1	-	63
10	With cerebral syphil	-	*****	-	00	-	63	1111		-	00	-
9	With	-	-	****			1	-	-	-	101	-
7	With		-	*****				1				.0
00 0		M		· M	NI C	1	200		7	7	100	3
200	Due to drugs or other exogenous toxins	9	-		,			11	11	11		-
11	With pellagra		-	-	1000	-		-	1	-	1	*****
12	With other somatic of	-	000	1	100	10	13	-	10	10		
13	Manic-depressive	14	50	34	12	22	34	-	.4.	N -	200	40
14					200	100	4.0		- 0	7;	000	700
13		18	16	34	90	200	200	00	0-	# 0°	9 15	n co
170	Faranoia and parano	T		1	-	100	9 45	4	1		00	000
18	Peychoneuroses and neuroses	-	-	1	03	63	4		1	1	63	63
19		-	*****			****			1111	100	1	-
20		00	63	10	030	4	9	-	1	1	10.	
21	Undiagnosed	13		23	20	1	20	-	-	-	40	-
22	Without psychoses	-	2000			and .	1	-		-	96	30
		13	1	13	13	1;	1	15	1	1 5	100	15
	Total	24	40	94	84	11	155	10	11	17	258	100

		Traden
	RESIDENCE	Traden
	-SHOWING DURATION OF RESIDENCE	Tru den
TABLE NO. 8	937-SHOWING I	Thedan
	DURING 1	Tru dan
	DISCHARGES DURING	Traden

	DE	PA	R	Т	M	ΙE	N	Т	(01	F	P	U	В	L	IC		Н	EA	L	T	Н		
		H	-	00	13	6	00	-	11	0	00	-	1	-1	2	0	CI.	0 10	9	10	123	120	1	396
	Tota																					30		
	-																					90		
	r S	H	1	2000	63	i	-	-	-	-	-	-	-		N +	7,	120	4		1	-	400	1	24
	Over 2 years	H	1		-	-	-			-	-	-	-	1	1111	:	0			-	-	-	1	6
	63	M.	-	1000	-	-	-				*****	-	-		NI.	-	00	4	1	-		407	1	12
	E+ 90	H	-		-	1	-			1	-	1	-				N	1		-		-		
	Under 2 years	H	1	1111	*****	-	1	-		1	-		-	1	-		N			1		1	1	10
	22	M.		2004	-	-	:	20.00		*****	-	:	-	-		1	-		1	100	-	-	1	1
							-								_									
E	er	H	-					-														9		
EN	Under 18 months	E	-		-	100	1		-	1	-											-		
S	18	M.	-	-	-	-	-	-		-	-	i	-	-	٠,	٦,	11		-	****	-	NO.	1	=
RE	90			01	-	1				1					9		0-			-		:01		1
OF	Under 12 months	T.	-	2							-			-	0		1				-	1 2	1	0 2
ION	Un Z																					-		
RAI	-	M		i.	1			-	1		-	-				-				-	1	-		-
DO	00	H	****	100	23		-		-	-	-			- 9	2	: 0	9-	101	-	-		1	1	90
NG	der	E.			-			-	-	-	-													
IMC	Under 9 months	A.		2 212	1								:,		4			-	-	-	· co		-	
HS		-				-																		
937	. su	H	1	-	10	9	-	2000	-		4	1		0	200		50	4	61	10	٠,	24	1	801
5	Under 6 months		*****					-		-	-			10	10		77		-	1			i	42
KIN	U 9	M.				4									77		27		-	-	1	17	1	99
DISCHARGES DUE																								
SES	ths	H	-	-	00	63	63	-		9.	4	-	:		13	Nº 6	120	401	63	10	200	77	1	152
ARG	Under 3 months	14	1000	-	4	1	-			N	17	-	*****		13	- 0	0-		01	17	-	20		23
SCH	3,1	M.	-		4	03	63	-	1,	-	4	1	*****	10	0,	- 1	9-	-		10	20	57	1	66
DI															j				300		9			
										Section .	The state of the s	xins	-		The state of the s			ord containing	-	psychopathic personality		noses		
						· ·				ases		s to	-	-		N. W.	(B)	4	distanta .					-
										dise		nou	-	-			Hon	1011	-	E E				
			-		rosi	-		20		ons	-	xoge		ses		-	oppu	min	oses	nali				
	es		-		scle			hore	-	rerv	-	r e		isea	100	10113	Chiz	0 0	neur	erso	cy			-
	Psychoses		-		teric		cerebral syphilis	S	II.	or		othe		ic d	-	ancr	2) 2	GITTO	nd 1	c p	cien	89		
	Psy				ar	lysis	l sy	gton	ou.	ain		or	1	mat	SIVE	mel	eco.	Per	es a	ath	deti	hose	-	Total
				CONTRACTOR OF THE PARTY OF	bra	Sara	pra	uting	2. U	r Di	******	rugs	agra	r so	bres	18I	pre	onto	uros	chor	ital	ped		
			nati		cere	ral 1	cer	Huntington's Chorea	brain tumour	other brain or nervous diseases	olic	to drugs or other exogenous toxins	pellagra	othe	-de	OLL	mila	otic	one	psy	mental deticiency	ugno		
			Traumatic	Senile	With cerebral arteriosclerosis	General paralysis				With	Alcoholic		With	With other somatic diseases	Manic-depressive	Involutional melancholia	Denemula praecox (Schizophrenia)	Epileptic	Psychoneuroses and neuroses	With	ith	Undiagnosed Without psychoses		
			H	S	=	9	=	= :	5	5	A		=	=;	IN T	76	10	411	P	=	==	3		
			-	6-4	6.5	4	173		- 6	00	-	7		P1 1	200	4.5	10	17	18	120	76	222		

TABLE No. 9 RECORD OF DEATHS DURING 1937

	4					illo Dolling 1997
Regis No.		Ago		e in Hospi Months.		Cause of Death.
		Age.	rears.			
8022	F	32	3	10	26 17	Status epilepticus; Chronic encephalitis.
6020 122	M F	64 63	25	6	2	Broncho-pneumonia; Carcinoma of face. Chronic myocarditis.
8339	M	41	20	0	1	General paresis; exhaustion.
6042	M	44	3	10	8	Chronic myocarditis, pericarditis and endo-
0010		-				carditis.
7973	M	35	****	6	19	Lobar pneumonia.
8155	M	74		3	13	Cerebral haemorrhage.
6515	M	66	2	10	22	Lobar pneumonia; Chronic myocarditis.
4737	M	67	7		11	Broncho-pneumonia.
6198	M	71	3	6	14	Influenza; Broncho-pneumonia.
7764	F	77		9	28	Auricular fibrillation due to chronic myo- carditis.
8184	M	43		3	1	Influenza; Broncho-pneumonia.
6135	M	52	3	7	29	Bilateral pulmonary tuberculosis.
7473	M	75	1	3	10	Influenzal broncho-pneumonia.
8147	M	75		3	22	Influenzal broncho-pneumonia.
6411	M	59	3		13	Influenzal broncho-pneumonia.
8338	F	59		444	12	Influenzal broncho-pneumonia.
7325	M	71	1	5		Broncho-pneumonia.
2463	M	60	14	8		Broncho-pneumonia.
8306	M	55		10	19	Broncho-pneumonia.
5182	M	62 33	5	1	25	Influenzal broncho-pneumonia. Tuberculous broncho-pneumonia.
8275 7249	M	85	1	8	9	Influenzal broncho-pneumonia.
8343	F	37			15	Chronic myocarditis; acute heart failure.
8360	M	67			9	Cerebral haemorrhage.
7194	M	80	1	9	13	Influenzal broncho-pneumonia.
1827	F	82	17		21	Influenzal broncho-pneumonia.
1814	M	84	17	1	10	Coronary thrombosis.
6412	M	57	3	1	1	Broncho-pneumonia.
3675	M	50	10	1	18	Influenzal broncho-pneumonia.
4059	M	87	9	1	7	Broncho-pneumonia.
1529	M	61	18	2	18	Broncho-pneumonia. Chronic myocarditis.
7556	M F	64 90		2	19	Influenzal broncho-pneumonia.
8271 8406	F	57			3	Coronary disease; broncho-pneumonia.
8415	M	35			15	Exhaustion of acute excitement.
8411	M	54			19	Broncho-pneumonia; hyperthyroidism.
8442	F	59			8	Chronic myocarditis and myocardial degen-
						eration.
6764	F	52	2	7	6	Broncho-pneumonia; tuberculosis.
5991	M	76	4	2	2	Conorary sclerosis; generalized arterio- sclerosis.
0.499	F	51			26	Chronic myocarditis; pancreatic degenera-
8423	E	31		100		tion and cyst formation.
3980	M	42	9	3	13	Pulmonary tuberculosis.
8412	M	58		1	7	Haemorrhage from eroded vessel in duo-
						denal ulcer.
4307	F	75	8	5	15	Chronic myocarditis.
7887	F	44	-	10	10	Auricular fibrillation; exophthalmic goitre.
6332	M	36	3	5	18	Pulmonary tuberculosis.
6914	M	65	2	4	25 22	Cerebral thrombosis.
8469	F	42 46	3	10	9	Exhaustion due to acute mania. Acute pericarditis.
6099 6155	M F	59	3	10	17	Pulmonary tuberculosis.
8266	F	71		4	20	Myocarditis.
6174	M	35	3	10	13	Pulmonary tuberculosis.
3850	M	77	9	9	22	Generalized arteriosclerosis; cardiac failure.
8511	F	40			16	Acute mania; exhaustion.
6407	M	24	3	1111	4	Status epilepticus.
7393	M	53	1	9	10	General paresis.
1215	F	60	19	9	19 27	Gastric carcinoma with metastases.
8178	M	57 38	5	1	13	Broncho-pneumonia; general paresis. Broncho-pneumonia; psoas abscess.
5638	M M	84			4	Chronic myocarditis.
8557 5843	M	34	4	8	3	Pulmonary tuberculosis.
8538	M	75			17	Cerebral thrombosis.
4364	F	53	8	4	22	Pulmonary tuberculosis.
7214	M	21	2		25	Rheumatic carditis; left pleurisy with
		200				effusion.
8344	F	29		4	9	Broncho-pneumonia (post-operative).
8390	M	38	9	3	24	Suicide by hanging.
6207	F	22 59	3	9	5	Pulmonary tuberculosis. Apoplexy.
8153	F	72		5	5	Broncho-pneumonia; chronic myocarditis.
8319 8393	F	23		4		Acute bronchitis (post-operative).
8573	M	61		1	4	Arteriosclerosis.
7712	M	36	1	3	21	Status epilepticus.
8468	M	80		3	22	Arteriosclerosis.
8658	M	72		****	6	Broncho-pneumonia.
5582	M	40	5	8	18	
8225	M	67		0	10	Lung abscess.

Regist	er		Tim	e in Hosp	ital.	
No.	Sex.	Age.		Months.		s. Cause of Death.
8710	M	46	14000	1	8	General paresis; acute colitis.
3938	M	53	9	11	30	Acute infective entero-colitis.
8758	M	20	440	****	16	Acute exhaustion; myocarditis.
7690	M	31	1	1	16	Acute ulcerative colitis.
8323	M	82		10	20	Broncho-pneumonia; infective entero-colitis
3724	M	43	4	6 7	20	Disseminated sclerosis. Pulmonary tuberculosis.
8425 6772	M F	36 59	3	3	22	Acute infective entero-colitis.
8708	M	58		2		Generalized arteriosclerosis; coronary throm-
0100	***	00				bosis.
8661	M	63		3		Acute myocarditis; general paresis.
7691	F	48		10	21	Chronic myocarditis.
7330	F	70	1	8	12	Coronary occlusion; coronary sclerosis;
	-				10	diabetes mellitus.
7175	F	73	2 9	6	13 20	Acute entero-colitis.
4051	M	77		8	16	Myocarditis; arteriosclerosis. Pulmonary tuberculosis.
8231	M F	38 23	****	3	10	Pulmonary tuberculosis.
8678 8358	M	52	****	2	24	Carcinoma of liver.
5238	M	50	6	3	14	
8305	F	19		7	5	Lung abscess due to unresolved broncho-
						pneumonia.
8690	F	89	-4019		16	Broncho-pneumonia.
7573	M	55	1	3	18	Broncho-pneumonia; chronic encephalitis.
2855	M	58	13	8	4	Right broncho-pneumonia with right sided
OHOE		70			26	cardiac degeneration. Broncho-pneumonia; arteriosclerotic gang-
8705	M	72	****	****	20	rene of left great toe.
8709	F	53			23	Exhaustion; acute mania.
8738	M	67			8	Broncho-pneumonia.
8517	M	38		4	20	Lobar pneumonia complicated by lung
COLI	***					abscess.
7760	M	76	1	5	21	Acute infective enteritis.
5602	M	75	5	6	6	Myocarditis.
3962	M	45	9	10		Acute enteritis.
8713	M	86	****	1	3	Ulcerative colitis.
8748	F	53			14	
4653	F	46 48	8	****	8	Septicaemia due to infection of the arm. Cerebral vascular thrombosis; cerebral vas-
8812	M	40	****			cular syphilis.
8584	F	44		5		Chronic myocarditis; acute ulcerative colitis.
8399	M	35		8	14	Suicide by hanging.
8060	M	87	1	2	10	Broncho-pneumonia; generalized arterio-
				-		sclerosis.
7994	F	55	1	3	18	Chronic myocarditis; carcinoma of the rec-
		-	4	0	4	tum; metastases of liver.
7711	M	75	1	8	23	Hypostatic broncho-pneumonia. Septicaemia.
8807 8595	M F	67 62	1117	5	7	Acute ulcerative colitis.
5629	M	69	5	7	17	Cellulitis of left arm; facial erysipelas.
8619	M	78		4	25	Subdural haemorrhage; chronic myocarditis;
0010						purulent bronchitis.
4982	M	77	7	3		Broncho-pneumonia; facial erysipelas.
1048	M	70	21	1		Chronic myocarditis; purulent bronchitis.
8849	M	72			1	Chronic myocarditis.
2140	F	48	16	8	8	Entero-colitis. Acute exhaustion; catatonic excitement.
8837	M	38 37		6	4	Broncho-pneumonia.
8558 8772	M	76	****	1	21	Tabo-paresis; generalized arteriosclerosis
8405	M	74	1 1000	8	28	Haemorrhage due to duodenal ulcer.
3792	M	34	10	6	13	Chronic myocarditis; Friedrich's ataxia.
8858	F	37		2226	9	Cardio-respiratory failure; exhaustion.
8704	M	49		3	19	General paresis.
8163	M	36	1	1	19	Septic broncho-pneumonia; purulent peri-
						carditis.
8050	F	52	1	3	15	Carcinoma of rectum; exhaustion.
7796	M	74	1	7 8	24 27	Broncho-pneumonia. Abscess of lung.
8432 5242	F	85 64	6	7	12	Generalized arteriosclerosis.
8845	M	52			25	General paresis.
7307	M	78	2	5	13	Broncho-pneumonia.
8767	M	- 83		2	12	Broncho-pneumonia; generalized arterio-
					10/25	sclerosis.
3170	F	37	12	8	.2	Hydrocephalus; exhaustion.
7058	F	35			15	Chronic encephalitis; exhaustion.
8701	M	34		6	6	Sub-acute bacterial endocarditis. Coronary thrombosis; arteriosclerosis.
8610	F	68		0	0	Coronary unrombosis, arterioscierosis.

PROVINCIAL AUXILIARY HOSPITAL, CLARESHOLM, ALBERTA

Movement of Patients.—On January 1, 1937, there were 99 patients in residence. As usual the bulk of movements of patients consisted of transfers from this hospital to the Provincial Mental Hospital and the movement of patients from the Provincial Mental Hospital to this hospital. There were 7 patients transferred to this hospital and 6 transferred to the Provincial Mental Hospital. There was 1 death and 1 discharge.

Due to the limited facilities for immediate active treatment, patients who become disturbed cannot be adequately treated here and requested to be transferred back to the Provincial Mental Hospital. One patient was transferred to the Provincial Mental Hospital

for surgical treatment.

Accidents and Elopements.—There were no elopements during the year, nor were there any accidents of a serious nature.

General Health.—The general health of the patients and staff has been good during the past year. There are a large number of frail, elderly patients, but their progress has been satisfactory. It was necessary to transfer but 1 patient for surgical treatment. The entire patient population and staff were inoculated against typhoid.

Dentistry.—Dr. S. N. Snedden spent two days during August doing dental work on the patients. In addition to this, patients were referred to the local dentist for emergency work when necessary.

Occupational Therapy.—During the course of the year there was considerable improvement in the Occupational Therapy Department. More equipment was obtained and more patients were interested in this form of endeavour. The improvement in this department is gratifying. More patients spent much time during the summer working out in the garden and grounds, under the supervision of a nurse attendant. The usual number of patients were employed in routine work about the hospital, in the wards, dormitories and dining room.

Library.—The patients' library was improved and reorganized, in conjunction with the Occupational Therapy Department. New books were obtained, and there are now over 300 volumes in the library. These are eagerly sought and much appreciated by the patients. However, more periodicals and various text books could be utilized by the staff.

Lectures.—A course of lectures in psychiatry and mental nursing was given by the Medical Officer to the members of the staff. The Medical Officer also spoke to various local organizations on mental hygiene problems.

Religious Services were conducted during the year, each Sunday afternoon. Various clergymen of the local churches kindly conducted the services.

Recreation and Entertainment were adequately provided.

Regular matinees were held twice per month at the local theatre.

The patients availed themselves eagerly of the opportunity of

attending. A large number attended the matinees, escorted by members of the staff.

On March 25th the United Church Choir presented a programme of Easter music to the patients at the hospital.

On May 8th the pupils of the Claresholm High School visited the hospital and presented the operetta "Blossom Time."

On June 14th the Claresholm Band visited the hospital and gave an hour of very enjoyable concert music on the lawn.

On August 26th the Annual Sports' Day was held. Various events were run off and prizes and refreshments distributed.

The Annual Flower Show of the local Horticultural Society was held on August 20th. The hospital had an effective display, and those patients who wished were allowed to visit the show.

A Hallowe'en party for the patients was held on October 28th. The patients enjoyed dancing, singing and refreshments.

Again, on November 9th, the United Church Choir visited and presented an enjoyable programme.

A Christmas concert was held on December 21st, and on Christmas morning gifts were distributed and a special dinner was enjoyed by all.

Staff Changes.—There were numerous staff changes during the year.

Dr. W. L. Valens left the service during February for Los Angeles to accept a scholarship under the National Committee for Mental Hygiene. He was replaced by Dr. Morris Carnat.

The Matron, Miss L. Strandberg, resigned during the latter part of August. Her position was ably filled by Miss E. Ryan.

Miss Dorothy Browning, the dietitian housekeeper, resigned in July and was replaced by Miss Merran E. Drew, who has capably filled the position.

The Occupational Therapist, Miss Brocklebank, left the service in September and the vacancy was capably filled by Miss E. Smith, who was transferred from the nursing staff, after spending a month in the Occupational Therapy Department at the Provincial Mental Hospital, Ponoka.

There were three other resignations from the nursing and domestic staff. The positions have been filled, and the staff has continued to give very efficient service.

There is a definite lack of recreational facilities for the members of the staff. Some provision for tennis courts and other recreational facilities would assist greatly.

Visitors.—Periodic visits were made to the hospital by the Medical Superintendent of the Provincial Mental Hospital. Relatives and friends of the patients continued to visit the hospital and took a keen interest in the institution.

Alterations. — There were some alterations to the buildings. There was an addition of three rooms to the nurses' home. The attic of the home was converted into three very comfortable rooms. The extra room was very much needed and appreciated. The

occupational therapy rooms were improved by extra cupboards and general re-arrangement.

Garden and Grounds.—Better results were achieved in this department than in the previous year. The vegetable garden was excellent, and sufficient vegetables were obtained to last for the entire year. Flowers and trees did very well.

The appearance of the grounds could be greatly improved, however, by re-planting the lawns, which deteriorated very much during the dry seasons. Much more could be done by the gardener if he had more assistance available.

There was an adequate amount of water during the past year.

Conclusion.—Though there were many staff changes, a high standard of efficiency was maintained. Pleasant co-operation between the district and the hospital continued.

TABLE No. 1 MOVEMENT OF PATIENT POPULATION DURING 1937

	Male	Female	Total	Male	Female	Total
In Residence January 1, 1937					99	99
Admissions:						-
First Admissions:						
(a) Voluntary						
(b) Certificate						
(c) Warrant						
(d) Order						
(e) Transfers		7	7			
Re-admissions:						
(a) Voluntary						
(b) Certificate						
(c) Warrant	1111		1000			
(d) Order		****				
(e) Transfers	****	****				
	-	_	-		7	7
				_		_
Total				****	106	106
Discharged during the year:						
(a) As recovered	1100		100			
(b) As improved						
(c) As unimproved		1	1			
(d) As without psychoses			****			
(e) Transferred to other hospitals		6	6			
(f) Eloped						
(g) Deported to other countries						
(h) Deaths		1	1			
	_	-	_		8	8
				77		
In residence at end of year				100	98	98

TABLE No. 2 SHOWING THE DIAGNOSIS OF THOSE IN RESIDENCE DECEMBER 31, 1937

	SHOWING THE DIAGNOSIS OF THOSE IN RESIDENCE	DECEMB	ER 31, 193	37
		Male	Female	Total
1	Traumatic psychoses		1000	1111
2	Senile psychoses	****	1	1
3	Psychoses with cerebral arteriosclerosis		2	2
4	General paralysis	****	1	1
5	Psychoses with cerebral syphilis	****	****	****
6	Psychoses with Huntington's Chorea	****	1111	100
7 8	Phychoses with brain tumour	****	****	****
0	Psychoses with other brain or nervous disorders:		1	1
	(a) Chronic encephalitis (b) Disseminated sclerosis			1007
	(c) Tuberculous meningitis	****	****	****
	(d) Undefined	****	****	
9	Alcoholic Psychoses:	****		1000
	(a) Delirium tremens		****	
	(b) Chronic alcoholism	****	1	1
	(c) Deterioration	77000		100
10	Psychoses due to drugs and other exogenous toxins	****	****	****
11	Psychoses with pellagra	****	****	****
12	Psychoses with other somatic diseases:			
	(a) Post-infectious	****	1	1
19	(b) Diabetes Manie depressive psychosog:	****	****	****
13	Manic-depressive psychoses: (a) Manic phase			
	(b) Depressive phase	****	3	3
	(c) Mixed			
	(d) Circular			
14	Involutional melancholia	****	3	3
15	Dementia praecox (Schizophrenia):			
	(a) Paranoid	4444	26	26
	(b) Catatonic	4444	19	19
	(c) Hebephrenic	4444	8	8
	(d) Simple	****	2	2
10	(e) Mixed	****	10	7.0
16 17	Paranoia and paranoid conditions	****	12 2	12
18	Epileptic psychoses Psychoneuroses and neuroses:	****	-	-
10	(a) Hysterical type			
	(b) Psychasthenic type			
	(c) Neurasthenic type			100
	(d) Anxiety state	****		
19	Psychoses with psychopathic personality	****		****
20	Psychoses with mental deficiency	****	9	9
21	Undiagnosed psychoses	1111	1	1
22	Without psychoses:			
	(a) Epilepsy	****	****	100
	(b) Alcoholism	****	****	****
	(c) Drug addiction (d) Psychopathic personality	7111		
	(e) Mental deficiency	****	6	6
	(f) Psychoneuroses	****		
	(g) Hysterical episodes		****	1107
	(h) Organic nervous disease			
	(i) Disseminated sclerosis	1011	100	1111
	(j) Sacro-iliac arthritis		****	
	(k) Neuro-syphilis	****		
	(1) Sex perversions			****
	(m) For consideration by Eugenics Board	1111		1111
	Total	-	00	00
	Total	****	98	98

TABLE No. 3

RECORD OF DEATHS DURING 1937

Regist			Time in	Mental Ho	spital.	
No.	Sex.	Age	Years.	Months.	Days.	Cause of Death.
7423	F	58	2	1111	16	Cerebral thrombosis.

Provincial Mental Institute, Edmonton, Alberta

(W. J. McAlister, M.D., Medical Superintendent)

GENERAL REMARKS

There were 521 patients on our books as at January 1, 1937. Of these 513 were actually in residence. During the year we admitted a total of 55 patients, 36 being transfers from Ponoka. This gave us a total number of 576 patients as at the end of the calendar year 1937. Our total discharges were 24; 14 died, 5 of whom were past 70 years of age. Of the other discharges, 6 were improved and 4 unimproved. There were only 2 elopements during the entire year.

Institutional Activities

Stress was again laid on the value of and necessity for occupational therapy for our patients. It is true that a very small percentage of our population was constructively employed; nevertheless, we were able to interest all but 103 patients in some activity either within or without the institution. Approximately 335 were employed within the institution, practically all of these doing such simple tasks as scrubbing, window cleaning, floor polshing, bed making, etc. Twenty per cent of the population were unable, because of mental deterioration or some physical disability, to do any kind of work. Towards the latter part of the year we moved into our new occupational therapy rooms, which enabled us as a result to extend this feature of our work. Much completed material was again disposed of at the Edmonton Exhibition.

Religious Services.

These were carried on according to schedule, and were much appreciated by from 20 to 25% of our patients. I would like at this time to thank the various officiating clergymen for their co-operation in meeting the religious needs of so many of our patients.

Institutional Farm.

Close co-ordination and co-operation has existed between the Farm and the Institute throughout the year, and many improvements have been carried out, thanks to the enthusiasm and efficiency of the Farm Manager and his staff. The net profit of \$741.80, I think, is favourable considering all factors. The 1937 crop was very poor, and only produced grain to the value of \$9,067.20 as compared with \$15,514.69 of the previous year. Although revenue exceeded expenditure by \$2,891.10, there would have been considerable loss had not the livestock sales increased by approximately \$5,000.00. A copy of the Manager's report is herewith enclosed.

Health.

We are most fortunate regarding the general health of our people in that there were no epidemics and very little major surgery. Our nursing services have continued efficient, and certain changes made affecting the dispensary and sterilizing room have added to that efficiency.

Dental Services.

Dr. Heacock again gave excellent service, and the care which he gave in examining and treating the patients was much appreciated. Perusal of Table 6 will show the amount of valuable work done throughout the year.

Institutional Progress.

The new building begun in the early part of the summer was practically completed at the end of the fiscal year. This will take care of at least 200 patients and should be of distinct value in relieving some of the overcrowding at Ponoka. When fully occupied it will bring our total population up to approximately 750 patients. Unfortunately, practically all of these are of the chronic custodial type, hence any marked movement of population by way of rehabilitation cannot be expected. We had hoped that the Government would continue its building programme during the year 1938, but presumably, for purposes of economy, the estimates for a farm dormitory were struck out. It was planned that this would take care of some 50 or 60 patients of the selected type, who would satisfactorily adjust to a simpler and more economical type of building, thus making room for an equal number from Ponoka in one of our more expensive buildings. Viewing the seriousness of the problem of mental disease as it exists in this Province and the constant drain on our financial resources incidental to the hospitalization of people suffering from mental disorders, I am convinced that the simpler type of construction for selected chronic patients is feasible, and should be seriously considered in any future building programme.

Lectures were continued and every effort made to acquaint our attendant staff with a knowledge of their duties. This activity has been a real contribution towards the *esprit de corps* found amongst all members of our staff at the present time.

Recreational facilities still continue limited. This must continue just as long as we are deprived of such facilities as moving pictures and an assembly hall where concerts could be given and other means of recreation introduced.

The Superintendent was, as usual, actively engaged in certain extra-institutional activities, namely, conducting a Mental Hygiene Clinic, police court work, and lecturing at the University. Just as soon as our staff is increased, it should be possible to further extend this most important type of psychiatric work.

I regret to have to report the death of several of the most valued members of our staff, namely, Messrs. T. Anderson, C. J. Brooks, J. MacDonald, and R. Patterson. All of these had given very faithful and valuable service over a considerable period of time, and their loss was most keenly felt by your Superintendent.

I wish to express my appreciation of the whole-hearted cooperation shown by the various branches of the Department of Public Works. Mr. Stacey, Superintendent of Maintenance and Construction, has proven himself a real friend, and has collaborated in every way possible towards the successful administration of the Institute. The same can be said for Mr. Cameron, Mr. Muir and others in charge of departments under Mr. Pearson and Mr. Stacey.

I also wish to express due appreciation for the loyalty and devotion shown by all members of the staff in their respective duties. Efforts made by the Minister, the Deputy Minister, and the Civil Service Executive towards meeting certain grievances and thus indirectly adding to the efficiency of our administration are also duly appreciated. One could wish that an early solution might be found for such vexing problems as transportation, meal adjustments, hours of labour, etc.

Finances.

At the close of the financial year there was an overdraft of \$647.44 on our estimated requirements, due to 30 patients transferred from Ponoka in December to occupy the old occupational therapy room. These transfers increased the patient days by some 4,000, but the cost per patient day of .5845 cents remains within a fraction of last year. In view of the difficulty attended on the transfer of numbers of patients from Ponoka at certain unexpected times, much credit is due Mr. Murray and his staff for the financial showing made.

Concluding Remarks.

In submitting this report it is well for us to keep in mind that while we have approximately 750 patients, we are still a custodial institution with little or no facilities for active therapeutic work. As the demand is becoming more and more pressing that we admit patients directly for active treatment, it is my opinion the conversion of the Provincial Mental Institute to an active treatment hospital should be given immediate serious consideration. Such a change, of course, would naturally involve considerable capital expenditure, hence early and careful thought should be given to a plan which would result in a thoroughly modern hospital. I would respectfully suggest then, that in considering the future policy for accommodation for mental patients in this Province, the above suggestion be given due consideration.

TABLE No. 1

MOVEMENT OF POPULATION			
Patients on books January 1st, 1937:	Males	Females	Total
(a) In Hospital	513		513
(b) On Probation (c) Elopements	5 2		5 2
(d) University Hospital	1		1
Total	521		521
Admissions During Year:	-	THE PARTY	_
(a) First Admissions	18		18
(b) Re-admissions (c) Transfers	36	1	36
(d) University Hospital			
Total	55		55
Total Received During Year:		-	
(a) Transfers	36		36
(b) Re-admissions (c) By Warrant	8		8
(d) Voluntary	1 9		1 9
(e) By Certificate (f) From University Hospital		1111	
Total	55	-	55
	_		_
Total on books during year	576		576
Discharged During Year:			
(a) Ās Recovered (b) Improved	6		6
(c) Unimproved	4		4
(d) Without Psychosis (e) Transfers	****		
(f) Deaths during year	14		14
Total	24	-	24
Patients on Books End of Year:	-		-
(a) In Hospital	548		548
(b) On Probation (c) Elopements	4		4
Total		-	
	552		552
Total Admitted Since Opening	854		854
Total Discharged Since Opening	226		226
Total Deaths Since Opening	123		123
TABLE No. 2			
NUMBER OF OFFICERS AND EMPLOYE	ES		
O Directo-Albania interna-internation attend of	Males	Females	Total
Medical Superintendent Medical Officer	1	****	1
Dentist (part time)	i		1
Administrative Assistant Bursar	1 1	****	1
Store-keeper	1		1 2
Stenographer and Clerk Night Supervisor	1	1	1
Graduate Nurse Other Female Nurses	****	1	1
Male Attendants	47	****	47
Social Workers Teachers			****
Occupational Therapist	1	****	1
Kitchen and Bakery Laundry	3	ī	3 2
Gardeners and Assistants	3		3
Other Male Employees	10	****	10
Other Female Employees	****		
m + 1	79	3	82
Total	10		-

TABLE No. 3
PSYCHIATRIC AND INDUSTRIAL CLASSIFICATION OF PATIENTS

Patients Insane Epileptic (not insane) Mental Deficiency (not insane) Alcoholic (not insane) Drug Addicts (not insane) Neurosyphilitics (not insane) All other types (not insane)	Males 496 3 49 4	Females	Total 496 3 49
Total Population	552		552
Industrial Workers Garden Workers Internal Workers External Workers Doing no work On Probation, Parole, etc.	33 45 335 23 103 13		33 45 335 23 103 13
Total Population	552		552

TABLE No. 4

NATIVITY OF PATIENTS IN RESIDENCE

	Males	Female:	s Total		Males	Females	Total
Canada	171		171	Japan	2		2
Australia	1	****	1	Norway	15		15
Austria	39	****	39	Poland	9		9
Belgium	3	2000	3	Roumania	4	2000	4
China	3	****	3	Russia	25		25
Denmark	4	2000	4	Scotland	21	****	21
England	65	1111	65	Sweden	13		13
Finland	6	****	6	Switzerland	4		4
France	2	****	2	United States	86	****	86
Germany	14		14	Wales	8		8
Holland	3	****	3	Other Countries	16		16
Hungary	1		1	Unascertained	14	1100	14
Ireland	16	1000	16	The same of the sa	-	_	
Italy	7	****	7	Total	552	1111	552

TABLE No. 5

CITIZENSHIP OF PATIENTS IN RESIDENCE

Citizen by Birth Citizen by Naturalization Aliens Unascertained	Males 172 22 236 10	Females	Total 172 22 236 10
British Birth out of Canada	112	****	112
Total	552		552

TABLE No. 6 DENTAL REPORT

	Males	Females	Total
Patients Examined	489	200	489
Patients Treated	221	****	221
Prophylactic Treatments	153	2111	153
Fillings	91	1111	91
Extractions	109		109
New Dentures	4	1111	4
Dentures Repaired	3	1111	3
General Anaesthetic for Extractions			
Denture Adjustments	7	1111	7

			TA	TABLE No. 7	. 1												
	AGE AT ADMISSION AND PRINCIPAL PSYCHOSES	DMIS	NOIS	AND PR	INCIP	AL B	SYCE	OSE	S								
Psychoses	Total M. F.	T. U	nder 1	Under 15 years M. F. T.	15 to 19 M. F. T.	to 19		20 to 24 M. F. T	0 24 F. T.	~	25 to M. F.	0 29		30 to 34 M. F. T	34 T.	35 M.	5H
Traumatic		12	-				-										
Senile	24	57			-						-			-		-	1
Cerebral Arterioscierosis	120	12					1							: 0			1
General Paralysis With Conshuel Combilie	7	-						-			-			-	4-	4	1
With Huntington's Chores					-		-										
With Brain Tumour	-																!!
With other Brain Diseases	63	01			I												
Alcoholic		LC.														-	1
Due to Drugs			-		1000			1000	1000			1011					
With Pellagra		*****			****									****		-	-
With other Somatic Diseases		-					-	-			-	100					
Manic Depressive	23	3.			S some		-		-			-				N	-
Involutional Melancholia Schizophrenia	993	100			11		11	44	44		69	69			69		1
Paranoia and Paranoid Conditions	62	62										200		4		210	
Epileptic Psychoses	12	12						63								3	-
Psychoneuroses and Neuroses		15			-	-			-							1	1
With Mental Deficiency	3.4	2 45	-	1			.6	. 6			- 10	- 10	. /	1 6	9	00	
Undiagnosed Psychoses							-									-	
Without Psychoses:		e												,			
**************************************	40	40			7.	-	11	10	10					- 9	19		
	1	4	-						27		0	0				100	
*	1	. 1							1							1	1
Total	552 5	525		y	25		25					88			88	70	

Psychoses AGE AT ADMISSION AND PRINCIPAL PSYCHOSES			met.				43				E					-	A	. 1	, .		01							
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES A 40 to 44			inec T.	1	4												10	1	1	-		*****		1	****	1	1 4	
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES A 40 to 44			F.	1	1														****					-		-	1	
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES A 40 to 44			Unasc M.		4												NO.		****	11111		1	1	-	-	*****	9	
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES A 40 to 44			ver T.	12	- 10	,													1				i		1		66	
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES A 40 to 44			F.	1	I													****	****		1		1	-	-	-	1	
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES A 40 to 44			70 au	10.	1 15													-	****	****			-		-	-	55	
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES 40 to 44			H		4 00	-							-		-	-		61					1	-			10	
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES 40 to 44			to 6	1									:			-		1	1111			-	1	1	-	1		
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES 40 to 44			M. 65		4 00										-	1		61		1	-		1			-	6	
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES 40 to 44																												
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES 40 to 44			64 T.	1	4 65	-	•									-	-	C)		-	-	+		-		1	12	
AGE AT ADMISSION AND PRINCIPAL PSYCHOSES 40 to 44			O to	-	-						-		:			1					1		-	-	1			
AGE AT ADMISSION A40 to 44		SES	M.	-	1 19	-							*****				_	2	*****	-	-	1		-	-		12	
AGE AT ADMISSION A40 to 44		HO	9 H	1	10								1000		9	-	00	-	-		. 0	9		1		-	25	
AGE AT ADMISSION A40 to 44		SYC	to 5		-												-	-			-				-			
AGE AT ADMISSION A40 to 44		PAL P	M. 55	-	400						****		1111		9	-	co		-	-	.0	9		****		1	25	
AGE AT ADMISSION A40 to 44	7a	NCI	T.		101			-		1	1	-		*****	10		00	17		-		1		.0	,		42	
AGE AT ADMISSION A40 to 44	No.	PRI	F. 54	:							-			*****	*****	1000		-	-					-		11	*****	
AGE AT ADMISSION A40 to 44	3LE	AND	50 M.		101			-		1	-	******		******	10	*****	00	17	-	-					,		42	
AGE AT AGE AT A0 to 44 M. F. T. 1 Osis S S S S S S S S S S S S S	TAI	ION				10			-	1	1				00	-	6	00			: 6	,		:0	1		42	
AGE AT AGE AT A0 to 44 M. F. T. 1 Osis S S S S S S S S S S S S S		ISS	0 49											ĺ			1		-	-						: 1	4	
AGE AT AGE AT A0 to 44 M. F. T. 1 Osis S S S S S S S S S S S S S		ADM	45 to			10			1	1	1			ľ		-	6	00		-					1		42	
es M. F. M. F. S.				100												3)	1			-	:						-	
es M. F. M. F. S.		AGE	44 T.			7	-			****		******			12	Total .				-	0						57	
es Osfis oolia			10 to									1	****	-	-				1							1		
Psychoses matic le bral Arteriosclerosis eral Paralysis bral Arteriosclerosis eral Paralysis bral Syphilis tington's Chorea n Tumour r Brain Diseases holic to Drugs agra attc Disease ic Depressive lutional Melancholia zophrenia noia and Paranoid Conditions eptic Psychoses honeuroses and Neuroses honeuroses and Neuroses honeuroses and Neuroses honeuroses and Neuroses honeuroses honeuroses Tal Deficiency lagnosed out Psychoses:			M.	-		4	*****		4444	1	0.1		*****	0000	63	100	56	15		-	01	1		- 10		1	57	
ran fundamental ran ran ran ran ran ran ran ran ran ran			Psychoses	Traumatic Senile	al Arteriosclerosis	eneral Paralysis	Cerebral Syphilis	funtington's Chorea	Brain Tumour	ases	Alcoholic	ue to Drugs	ellagra		fanic Depressive	nvolutional Melancholia	cnizophrenia	aranola and Paranold Conditions		Sychonathic Personality	fental Deficiency		choses:				Total	

TABLE No. 8
DEGREE OF EDUCATION OF FIRST ADMISSIONS WITH PRINCIPAL PSYCHOSES

							Read	s and	Common	non	-				-				Unascer-	cer-	10
	Psychoses	M. Tc	Total	T.	M.	Illiterate M. F. T.	M. Wr	Writes M. F. T.	Sch I. F	T .	M. F. T.	High.	School F. T.	ī.:	M.	iversity F. T.	ĐĐ:	M.	M. F. T.	. T	
-10	-=	13.75	24	. 7	.00	00	11	11	: 6							1		-	1		200
100	Cerebral Arteriosclerosis	900		00	200		-	1	000						1						
4	General Paralysis	1	-	-		-	6	6	9	•				21		1000	-				1
10	With Cerebral Syphilis	ш,				-	-	-													60
9	With Huntington's Chorea	m 5.7								-											
-	With Brain Tumour	-1 C	-	10			-	7									1				500
000	With other Brain Diseases	NIMZ		a so	-		-	-				-			-		-				100
10	Due to Drugs	100		1				1									1				
11	With Pellagra		*			*****		****													8
12	With other Somatic Diseases		* ****	-		***************************************				-							-	-		-	34
13	Manic Depressive		674	6.5			5	2	4	- 14							1				-
14	Involutional Melancholia		-	-		-								-1			17	: 6		.0	10
13	5 Schizophrenia 29.		23	200	16		228	122	200	11.				0.4			+-	4		4	0.00
17	Faranoia and Faranoid Conditions			101			99	9	000												03
18	Psychoneuroses and Neuroses							-		-							-				
19	Psychopathic Personality		1	01	11	· ·	-		1								-			-	
200	With Mental Deficiency						cr	ci	20												4
22	Undiagnosed Psychoses Without Psychoses:						-														
	A	es i	-		-	-	1			-		-					2000			10	10
	F4 6	49	-					77									1.				4
	The state of the s		-					1		1							1				- 1
	Total	552	120					223	6	208	-	28		on			9	63			0

TABLE No. 9 ENVIRONMENT OF FIRST ADMISSIONS WITH PRINCIPAL PSYCHOSES

Total 2,500 and over Rural Unascertained M. F. T. M. F. T. M. F. T. M.	10 min 10	24 24	18 18 1	17	- I I I I			5 1 1 4 4			23 23 6 6 17 17 17		293 293 83 191 191 19	62 13 13 48 48 1	12 12 1 10 10 10 1	The same of the sa	2	34 8 26 26 26	The state of the s		20 21 11 00	1 2 20 20 20 20 20 20 20 20 20 20 20 20 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Psychoses			al Arteriosclerosis			 	es	Alcoholic	 	Disease		[elancholia		Paranoid Conditions	***************************************			Deficiency	***************************************	thoses:			The state of the s

TABLE No. 10 ECONOMIC CONDITION OF FIRST ADMISSIONS WITH PRINCIPAL PSYCHOSES

	H	100	-			1 1	-			1	18	1	1 1	1	11	-	-	22
	Unascer- tained F.	1			-	1 1	****			1		-	11	-		1.1	-	
	M.	.01		• 1	*****	11	*****			1	18	-	11	1		1	1	22
	Ample ths T.	00	44			1 1	1	1		c1 -	- 80	ro.	1 !		1		-	32
CTC	Comfortable, An for 4 months M. F.				-	1 1	1			1	1 1	1	1 !			11		
SICHO	S S	00	***	1	1	1 1	1			C1 -	- 00	IO.						32
LAL F	Living on aily Earnings F. T.	. 9	1-10	1	1	1	1			11	153	880		122		12	1	242
RINCI	Living illy Ear	11			1	11	-			1	!!	1	11	1	1	11	1	1
WILL	Daily M.	9	1-10	1	-	-	1			11	153	9000		12	11	101	1	242
CNIOTO	nt T.	133		-			60			10	114	13	1	21	11	45	00	256
DMISS	Dependent F.	1		-	1		-	1 1		1	!!	1		1	1	11		100
u lenia	M. D	13					00			10	114	19		21		45	00	256
30 .	E	24	18	-		100	0	11		- 53	293	125	1	34 22	1	490	4	552
MILLION	Total F.	11		1	1	11	-	1 1		1		-	1 1	1		11		-
200	M.	24	18	-		101	2	1 1		- 53	293	12	1 1	3 25		49	4	552
ECONOMIC COL	Psychoses	Traumatic Senile				With	Alcoholics	With Pellagra		Manic Depressive		Paranoia and Parano		With Psychopathic Personality With Mental Deficiency			£4	Total
								-	12	-	12	16	18	10	22	11.		

TABLE No. 11

							-												
	USE	USE OF AL	LCOH	IOL B	Y FIRS	ST AD	COHOL BY FIRST ADMISSIONS WITH	NS W		PRINCIPAL PSYCHOSES	AL PS	УСНО	SES						
				Total			Abstiner	t		Tempe	rate		Inter	Intemperate	e		Unascer	tained	
	Psychoses		M.	Įs,	T.	M.	E4	T.		M. F.	I		M.	i.	T.	M	M. F.	T.	2
-			1			1				100			1	****	1	100	-		- 1
23			24	*****	24	9		9		12	-	7.			4.		-		NI.
60			200		100	23		03 :		14	-	-	-	1000					-
4			17		17	-		-		12	-	N	24	-	04				N
10			-		-	-	****	1		100			-	-		-		-	1
9	Huntington's Chorea	The same of	-		-		91000			1		_		1	7000	***			1
-			-	1001	-	4000	Tanks .	-31016					-	4000	-	111	100	-	1
00		2000	23	*****	01					1		1		101	90.0		944		-
6		1000	10	1000	2	1000	*****	9000		1000			20		מו	-	-		1
10				*****	*****	*****	****	- Anne			1000	100	-	*****		-	-		1
11		1000	nine.	1000	4000		******	1000			4000		-	-			2000		1
12			*****	*****	1110	-				2000				*****		100			-1
13			23		23	65	*****	60		15	1	10	00		63	61			2
14			1	*****	1	- North	******	1000		1			1000	*****		200	****		
15			293		293	36		36	1	179	179		30		30	48		48	00
16			62		62	00		00		32	ės		14	-	14		-		00
17			12		12	4	*****	4				9	1		1		****		m
18			-	-	100	-		010		1000	1000		-	-	200	****		-	4
13			27	*****	N	-	****	1		-				-	-	1	-		11
50			34		34	10		10		18	18	00	4	-	4	2			173
21		1000	-		-	****		*****			*****		-	****		****	-		1
77	WILL		0		0														
	4.0		49		49	96		96		200	-					M			M
	P.		4		4	201		961		1		1	1		1	•			3 :
			1	1	1	1	1	1	1	1	1		1	1	1	1			-1
	Total	M	625		550	100		100	C	213	31		67		67	2.0		2.0	0

124

	PSYCHOSI
	PRINCIPAL
	WITH
TABLE No. 12	RST ADMISSIONS
	OF FIRST
	CONDITION
	TARITAL

	D.			*****			-							-			6		:	-			4				***	6	
	Unascertained M. F. T.					-						-							:	-			-			-		1	
	cert I. I				* ****							-									* ****							6	
	nas	*	-		-		-					-			****	-		-		-	-	-				-			
		: 6	N			-					-			-	-		00	63			-	-	1		-			00	
	Divorced M. F. T.	2000				-												-		-									
	Divo																	63										00	
	HM						:					-	-			:	-						-		1	1	-		
	ng.			-		-										10.00		00	-	-		-	1		-			4	
3	rate.												1					-		-									
200	Separated M. F. T.			1	-																								
5	N		1				-				-		****	-				63	-				1		1			1	
24	THE	10	0	00		188	-				-		-	0	23	33	10	20			1							183	
5	Widowed M. F. T.		-			-	:																						
1	Wide L. B	-	0				1				-						10									*****		100	
T.	-2	3 8	7		-			1						:	ea ea			-		-		7	****				-	183	E.
-		: 0	2	00	62	_			6	40	1	****	-		00	-	17	12	c)	11	-			,	-	NI.	-	1 8	
	Married M. F. T.											-																108	
2	Mar [. F																		61								I		
S	N				13					9.0		4	-	-	-		90	22			-	-		-		N.		108	
200	H.	: 4	6	-	4			-		. 0	4				-		65	12	0		-	ę,	1		NI	-	00	400	
DM	Single I. F. T.	-																											
4	Sin Sin																		0		1		100			1		400	
143	×			-	4		-	1		1	700	-	0	-	7.00		23	35	1		-	24	-				00	4	
4	H	10	24	∞	17	-	7	-	0	41	0		1		23	-	33	32	12	1	2	34			20	13	4	552	
5																			1									1 12	
S	Total																												
DIT	M.	21	21	1	1		1					*****	****		01		29	62	-		23	2	-			4		552	
MARITAL CONI	Psychoses	1 Traumatic	2 Senile	Arteriosclerosis	4 General Paralysis	5 Cerebral Symbilis	6 Huntington's Chorea	7 Brain Tumour	o Other Desir Discount	8 Other Brain Diseases	9 Alcoholic	0 Due to Drugs	1 With Pellagra	2 With Somatic Diseases	13 Manic Depressive	Involutional Melancholi			7 Epileptic Psychoses	8 Psychoneuroses and Neuroses	9 Psychopathic Personality	90 Mental Deficiency	1 Undiagnosed	22 With Psychoses:	A	A	4	Total	

	PSYCHOSES
	PRINCIPAL
	WITH
No. 13	YEAR
BLE 1	THE
TA	DURING
	PATIENTS
	OF
	INCREASE

INCREASE	SE OF PATIENTS DURING	DURIN	G THE	YEAR	WITH	YEAR WITH PRINCIPAL PSYCHOSES	AL PS	YCHOSI	SS			
Donahana	N	Total	E	1s.	1st Admission	ion	Re-	Re-Admission	no T	M	Transfer	F

2 Senile	19		19	13	1 1	13	1		1	, ro		10
3 Cerebral Arteriosclerosis	2		ıo		-	-	1	1	1	NO.	****	10
	P	-	*	1	-	1	****	1		02	-	00
5 Cerebral Syphilis		*****	-		*****	-	-	1	1	1	1	***
				18	1		*****	1	****		*****	-
			1	1	-	1		-	31016	-	-	-
8 Other Brain Diseases					-			1	****		-	-
	****							-	-	-	*****	
				*****	1	1				****	1	-
	and the same of th	*****	1	*****	****	-	-	- 10000	-		*****	-
12 Other Somatic Diseases	7	-	1				****		*****	*****	2000	200
	4	-	*	****				*****		7	-	4
14 Involutional Melancholia	1		-	****	-	2000	1000				-	
Schizophrenia	The state of the s		10	****	*****	*****		*****		0		0
Paranoia and Paranoid Con	ditions 2	-	031	-	****			1000	- State	210	1000	201
	Control of the last of the las		23	****	****	-		-		0.1	-	7
	St		-		-				-		1	
period 1		***	!"						-		-	-
			1	1	-	1	1000	- September 1		****	1	
	The second secon	-		1	*****		-	-	annie .	-	1	-
22 Without Psychoses:												
А		1000	-	-			1004	-		-		
A D	O.F.	-	10				and a			. 0		
4	10	*****	707	4	-	1	****	-	2000	0 =	1	0 =
T descriptions of the second s	T	-	1	1		-	4000		:	1	1	-
Total	18		1 15	1 2	1	1 =	-		-	38	1	38
Total	20		00	70		70	,		,	200		00

DECREASE OF PATIENTS DURING THE YEAR WITH PRINCIPAL PSYCHOSES

									_	Jischar	Bed.									
	Phychoses	M.	M. F. 7	T.	M. M.	F.	Recovered M. F. T.	M.	F.	Improved M. F. T.	M. M.	mpr.	Unimproved M. F. T.		rans	Transfer M. F. T.		Death M. F.	ath.	-
1	Traumatic	******	1111	*****	*****	*****	*****	-	1	-	1	*****	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	****	*****	-	1		-	-
63	Senile	9	*****	9	****	-	****	1		-	-			-	-			10		ıo
63	Cerebral Arteriosclerosis	es	-	00	-	-		1	1	1	-		-		0000	-		63		63
4		-	:	-	****	****	*****	1	:	-		****		-						1
10	Cerebral Syphilis	-	*****			-		1			-	-	-	-	-	-	-		-	-
9	Huntington's Chorea	1	****	-	1	-	-	1	-	1	-	-		1	-					-
-	Brain Tumour	-	****		-	-		-	-	1	:	-	-			-	1			-
00 0	Other Brain Diseases	-			*****	****		****		****	****	-		-		1				
6	Alcoholic	1	-		-	1		-	1	-	101	*****	1000	-						
10	Due to Drugs		****	****	****			*****	1	1	1	1	-	1	-	-				
11		-	*****	2000	*****	-	Towns.	*****	1	*****		-						0 000		1
12		1			1	i	1	-	-					-						:
13		-	-	-		-			1		-	-	4000					-		-
14	Involutional Melancholia	-	****	*****	-	1000		*****	:		1	:	-	*****		****				
15	Shizophrenia	9	-	9	-	*****	2000	-	1	1000	C)	1	23		-		-			d.
16	Paranola and Paranold Conditions	2	1	60	1	1	-	63	1	63	-	1	*****	-				-		-
17	Epileptic Psychoses					1			-	*****	-		1000	-				-	-	
18	Psychoneuroses and Neuroses	1000	****	466		-				-	****	****	*****	-	-	1				:
119	Psychopathic Personality	****	-		*****	-	-	-	-	1	-	-		-	-	-		-		-
250	Mental Denciency		-	*****	-				i		1	-	1000	1	-					-
217		-	1	1	-	1	Arrest.	-				*****		-	1000		-			1
77	With																			
			-		-	-	500	-				-	1000	-			100			
	4		****		*****	-	****	-	-	-	23		24	-	-					:
	***************************************	-	-	-	****		1000					1	-	****		-		_		-
		1	1	1	1	1	1	1	I	1	1	1	1	1	1	1	1	1	1	1
	Total	24	1	24	****		-	9		9	4	-	*	*****			1	14	-	77

TABLE No. 15

DEPARTMENT OF PUBLIC HEALTH

TABLE No. 16 RELIGION OF PATIENTS IN RESIDENCE

Males Females Total 19

Baptists Episcopalians Jews Presbyterians Roman Catholics United Church Other Denominations Unascertained 82 7 71 140 45 160 28 140 45 160 28 552 Total

TABLE No. 17 OCCUPATION OF PATIENTS IN RESIDENCE

	Males	Females	Total
Professional	3		3
Commercial	17		17
Agricultural	179		179
Mechanics Outdoor	20		20
Mechanics Sedentary	32		32
Domestic Service	1		1
Education	3	****	3
Miners, Engineers, Carpenters, Painters	35	****	35
Labourers	200	****	200
No Occupation	45	****	45
Unascertained	17	****	17
		-	
Total	552	4000	552

Provincial Training School Red Deer, Alberta

(D. L. McCullough, B.A. (Sen. Mod.), M.B., D.P.H., D.P.M., Medical Superintendent)

MOVEMENT OF POPULATION

On the 1st of January, 1937, there were 209 patients in residence (108 male and 101 female). On December 31st, 1937, there were 215 (112 male and 103 female).

Total additions to the population numbered 23, consisting of 16 first admissions, 5 transfers from mental hospitals and 2 re-admissions. The 16 first admissions ranged in age from 4 to 35, the average age being 13. Four were infirmary cases, the others all ambulant. Two were idiots, 9 imbeciles and 5 morons. The patients admitted by transfer from mental hospitals included 3 children—1 a hemiplegic epileptic idiot of 8, another a Mongolian imbecile of 9, the third a schoolboy of 11; not one of these should ever have been sent to a mental hospital. Two older girls were admitted after being sterilized. Five patients, not insane, had to be transferred to mental hospitals to make room for these admissions. The two readmissions were patients on parole apprehended and brought back to the Training School under Section 13 of the 1933 Amendment to The Mental Defectives' Act.

Total separations for the year were 17, and comprised 8 patients transferred to mental hospitals, 6 patients paroled and 3 deaths. Six of the 8 patients transferred to mental hospitals were sent there solely to make room for younger cases, and the other 2 mainly, though not entirely, for the same reason. Three of the 6 patients paroled were adjusting well at the end of the year, 2 moderately well, and 1 poorly. The 3 deaths were all due to broncho-pneumonia, 2 the result of epidemic influenza and 1 the result of measles. Two were infirmary idiots and 1 a Mongolian idiot. This contrasts with the death rate of 10 for the previous year and yearly average of about 5.

These movements are recorded in detail in Tables 1, 9a, 9b and 10, appended.

Reference to Table 5b shows that 31% of our population range between 15 and 20 years of age, over 67% between 10 and 20, and 96% between 5 and 30. The average of the 5 patients admitted by transfer was 12/3. The average age of the 8 patients transferred to mental hospitals was 37/11. Table 11 shows 52 epileptics in residence, or 24% of our population, and 75 either physically or mentally helpless, or 35%. The work involved in looking after this group alone gives some idea of the great amount of work devolving on the nursing staff. It is to be hoped that the extension of the 8-hour

day to the nursing staff of the Training School will not be long delayed.

Number of Defectives

In addition to the 215 patients in the Training School at the end of the year, there were 118 "mental defectives, not insane" in Ponoka, 49 in Oliver and 6 in Claresholm—a total of 388 institutionalized mental defectives for the whole Province.

Forty-four applications for admission were received as against 21 admissions; 38 suspects were reported bringing the number of suspects reported to 511.

During the year the waiting lists were fully revised. All individuals who had not been heard from within the past three years were written to, the majority of which replied. This enabled us to eliminate many names for the following reasons; through death, or having left the Province, or because parents no longer desired admission for their children. It also permitted a better classification of those awaiting admission. The results tabulated, as at November 14th, 1937, are as follows:

	Male	Female	Total
Infirmary type (sex ignored)		****	44
Low Grades	25	29	54
School Children	28	15	43
Workers and Helpers	18	15	33
			-
			174

All these cases are active, but in 62 cases the parents are pressing for admission, and 73 are really urgent. Nineteen of the latter are of the infirmary type, 27 are low-grades, i.e., purely custodial (13 male, 14 female), 22 are of school age (16 male, 6 female), and 5 workers and helpers (4 male, 1 female). Fifty per cent of the school group are Mongolian imbeciles.

STERILIZATION

Seven cases (4 male, 3 female) were presented to the Eugenics Board during the year, but owing to the series of recurring epidemics sweeping through the Training School, none were operated on. The total now presented since the Act came into force in 1928 is 99 (44 male, 55 female), and the number operated on is 82(33 male, 49 female). At the end of the year there were 44 sterilized patients still in residence, or 20.4% of the patient population. Ten of these were sterilized before admission. Table 15 summarizes sterilization activities.

HEALTH OF PATIENTS AND STAFF

Widespread epidemics of abdominal influenza of a severe type occurred in January and February and again in August and September, affecting both patients and staff. The ordinary respiratory type of influenza kept recurring all year, the worst epidemics being in February and March. There were a number of cases of bronchopneumonia. Two died.

Two of the staff and 72 patients contracted measles. One case of broncho-pneumonia occurred in a Mongolian idiot and proved fatal

Several cases of mumps appeared in May and June, but the true epidemic did not set in until September and October, when 9 of the staff and 121 patients went down—at one time as many as 80 patients and several of the staff being down at the same time. There were 4 cases or orchitis and 1 of ovaritis. Extra staff had to be engaged, and for several weeks nursing demonstrations and lectures were given up, the schoolrooms closed and the teachers and other non-nursing staff used for general purposes, in order to maintain the essential services.

The extra work caused by these various epidemics throws a very heavy burden on such staff and patients as are able to carry on, and I have nothing but the very warmest praise for the cheerful willingness shown by all. Times of difficulty seem to bring out the best in everyone, even the patients.

Acute appendicitis called for operation in 4 of the staff and 1 of the temporary staff; several had tonsillectomies, and there were 2 cases of axillary abscess. Tonsilitis, sinusitis and otitis media were exceptionally prevalent all year amongst both patients and staff.

Amongst the patients there were many cases of acute, mildly febrile cervical adenitis. Seventeen cases of ringworm of the scalp occurred in January amongst the infirmary patients, nearly all showing kerion at some time—several very severe—and have proved so obstinate and resistive to treatment as to create a major problem in that section of the Training School.

Dr. Wannop visited in June, did 14 refractions and dissected out a lachrymal sac. Dr. Heacock visited in May and December, and attended to all patients' teeth. Prophylactic treatment was given in 150 cases, there were 101 fillings, 42 extractions, and a further 50 extractions under general anaesthesia in 14 patients.

One patient was sent to Ponoka for a double herniotomy.

A fractured finger, fractured clavicle, a severe head injury and some accidental burns received from radiators and hot pipes made up the accident list. This speaks well for the general watchfulness of the staff. Minor surgery and medical conditions of all kinds were numerous all year, many of them due to the overcrowding of patients.

PATIENT ACTIVITIES

All the usual activities were carried on with only a few changes to record, but with much valuable work to their credit.

Only one sports day was held in June, but the weather was ideal, and from the start of the races at 200 p.m. till the end of the bonfire, weiner roast and sing-song at 9:00 p.m., everything moved like clock-work, and there was not one incident to mar the general happiness and fun.

Between the third week in June and the third week in September, 115 patients spent a week in camp and 10 cripples attended during fine days.

About 60 high grade patients attended the public coronation ceremonies in Red Deer on May 12th.

Seventy of the older boys and girls and school children were admitted to the Red Deer Fair without charge, and 35 girls were entertained by the Mother Superior at the convent in July. Eighty-four patients attended Sunday School in the spring, but in the fall the numbers were reduced to 51 and the classes reorganized. Much more progress has been made with this select group than was previously possible.

Scouts (16), Guides (16), Cubs (18), and Brownies (13) met regularly and had a very successful year. All groups attended camp in a body.

In the spring, two groups of high grade girls, 8 in each group, had 8 classes of instruction in simple nursing procedures and hygiene. All were keenly interested.

Twenty-nine girls in four groups attended cooking classes in the spring and fall.

Splendid progress was made by all occupational groups, the three girls' groups (numbering 49 in all) meeting from 3:00 to 4:00 p.m. daily except for July and August, and the three afternoon carpentry classes (numbering 43) from January to May and October to December. The work of the senior carpentry class, which aims at being practical, was particularly encouraging despite the overcrowding and lack of room in the shop. All brushes used in the institution are now made by the boys—scrub brushes, shoe brushes, radiator and toilet bowl brushes, and stable brooms. Five new arm-chairs and a barber chair were made under supervision. Many tables, benches and chairs were repaired. Also under supervision, an old car chassis was cut down and fitted with a body and movable rack for farm use, and a second hay rack (16ft. by 8ft.) and wagon box were built for the farm. The quality of the work of this group, both practical and fancy, has greatly improved, and reflects great credit on Mr. Markwick. In the junior group, one or two boys have made steady progress with the binding and repairing of our own patients' library books. The work of all groups sold well at the various sales of work held at the Training School and at the Red Deer Fair.

Forty patients were allowed home for holidays at Christmas and midsummer, etc. This led to parole in one case.

The Hallowe'en Dance, the Christmas Concert and the Christmas trees were all keenly prepared for, and gave us much happiness in the realization and retrospect as in the preparation.

STAFF CHANGES AND ACTIVITIES

Eleven of the staff resigned, 2 to get married, 1 to continue studies at the University, 1 for reasons of health, and the others for various personal reasons. One was dismissed.

Four nurses completed their three years' training in mental deficiency nursing in June, 2 their second and 8 (5 nurses and 3 attendants) their first year. At the end of the year 2 seniors, 8 intermediates and 6 juniors were undergoing instruction.

The staff social activities were again very capably cared for by the entertainment committee of the Civil Service Association. Apart from picnics, farewell parties and a treasure hunt, the outstanding events were a New Year's Dance, St. Patrick's Day Dance, a Barn Dance in June to celebrate the opening of the new barn, and a fareevents were a New Year's Dance, St. Patrick's Day Dance, a Barn Dance in June to celebrate the opening of the new barn, and a fareThe same kindly personal interest in the patients has again been shown by the staff in all sections of the Training School, many patients having been taken down town for treats and elsewhere for little outings and visits.

The loyalty of the staff as a whole, has been outstanding.

Institutional Progress

Construction and Maintenance.

A modern barn (30ft. by 70ft.) was erected to accommodate 20 head of cattle and 6 head of horses with three box stalls, harness room and loft. In November, 5 Holstein cows were bought and the training of boys in milking begun. By the end of the year, four were excellent milkers, three were quite good, and three were fair. The boys were eager to learn, and take a great interest in the milk records. The yield from November 9th was 3,085 pounds.

A new dining room and kitchen unit (16ft. by 36ft.) was added to the camp, the old dining tent being quite beyond use and the cook shack too small. Swings and a flag pole were erected, and the fencing improved. The big boys helped with this work. Costs were low and borne by the patients' trust fund.

This was the only new construction for the year.

Insulation of the roof of the main building was commenced in the fall, and was more than half completed by the end of the year. This work is affording opportunity for many needed changes in the various staff bedrooms, the sitting and lecture rooms; enlarging close closets and storage cupboards, rearranging lights and moving radiators, etc. A group of four boys, varied in personnel from time to time, is steadily employed helping the carpenter with this trying and dusty job.

The front of the main building was painted, and the hand rails and moulding of the front steps repaired and repainted.

The male staff quarters in the boys' cottage were painted throughout and the doors trued. This was long overdue.

Twenty feet of roof at the north end of the root-house which had caved in was replaced with tarred, laminated two-by-fours, a movable vegetable chute installed and the approach to it built up. Boys from the senior carpentry class helped.

South of the boiler-room a buttressed, concrete, retaining wall for ashes was built, about 250 feet in length and with an average height of five feet. This kept a group delightfully busy composed mainly of schoolboys, keen to develop their muscles. They dug the footings, helped put up the forms, did all the mixing, wheeling, pouring and reinforcing of the concrete. The effect on one or two rather temperamental, troublesome boys was decidedly stablizing.

A new brick chimney was built on the tank house, the roof of the tank house was insulated, about 20 feet of new sidewalk laid between the main building and the boys' cottage, new and greatly widened sliding doors were installed in the garage, the walls and roof of the greenhouse repaired and painted, the bench accommodation inside extended, and the pantry skylight replaced by a penthouse. Again, boys helped where possible. There were in addition all the usual incidental repairs and replacements. Plaster repairs, owing to the age of the main building, have been increasingly heavy, and we are coming to the point where replastering will have to be undertaken on a large scale in many sections.

Grounds.

The grounds were tastefully laid out for the summer and well maintained. The care of the lawns, shrubs, hedges, paths, preparing and planting out of the flower beds, with the preliminary work in the greenhouse and hot-beds, affords exercise and healthful occupation to a large number of boys, both young and old.

Farm and Garden.

The spring and fall work in the vegetable garden and on the farm and the care of the vegetables in the root-house during the winter keeps various groups of boys busy. Table 19, which shows the yield of vegetables, gives some idea of the work accomplished. Seven acres of potatoes and four acres of vegetables were planted, 16 acres were sown to wheat, and 10 acres each to oats, barley and green feed; 6,000 bundles of green feed and 28 tons of hay were harvested from 13 acres. Early prolonged dryness and late and excessive rain delayed the harvest about a month, but did not materially affect the yield from either farm or garden.

A great deal of fencing and tree planting was done, and the smaller boys' garden allotments showed a great improvement.

Pork and egg production (Table 19) again showed substantial increases, but our turkeys were disappointing. An increasing interest is being shown by all the boys in the care of the cows and pigs, poultry and teams and in all types of general farm work, and should in time lead to an increased discharge rate.

Laundry and Sewing Room.

Tables 17 and 18 show the increasing activities in these departments. Hampered by inadequate drying facilities, the laundry staff have only been able to cope with the increased volume of work—360,881 articles for the year, or approximately 30,000 articles more than last year—by running the mangle daily. It is hoped this situation will soon be remedied. The sewing room made 1,000 more new articles and repaired some 3,000 more than last year. Six patients are employed regularly in the sewing room and four in the laundry, with extra help at special times.

Kitchen, Pantry and Dining Rooms.

During the year, infirmary diets were substantially increased, also the diets of most of the school children. About a dozen of the smaller children were promoted to the use of knives and forks. All sections have worked well and met increased demands willingly. Table 20 gives the year's canning operations.

Extra-Institutional Activities

This phase of the work continues to grow steadily. Apart from an increased number of visitors and enquiries by mail as to our work, more children have been brought to the Training School for examination and advice. A number of psychiatric cases were seen in consultation with local doctors. Addresses were given at the U.F.W.A. Annual Convention in Calgary; at the Annual Convention of the Alberta Council of Child and Family Welware, also in Calgary; to the Red Deer Junior Board of Trade; to the Stettler Rotary Club; the Lacombe Presbyterial; the Annual Convention of the Red Deer District of the U.F.W.A. at Sylvan Lake; to the Wetaskiwin Kiwanis; to a Women's Club and a Women's Institute both near Sylvan Lake; to the Red Deer District Meeting of the Alberta Teachers' Alliance in Red Deer; and to the Women's Institute at Mirror. There were also two radio talks, a talk to the Red Deer Rotary Club, fortnightly clinics at the Training School for groups of final year medical students in the winter months, and a clinic for the post-graduate nurses from Ponoka in June.

RECOMMENDATIONS AND THANKS

In previous annual reports I have stressed the need for more accommodation for patients. The need to-day is even greater. Only 217 beds in the Training School, occupied by an almost stationary population, 173 mental defectives in the Mental Hospitals adding to their overcrowding and difficulties, and not getting the type of training suited to their needs, and 677 on our waiting lists. Translated from figures into terms of human suffering and unhappiness, the situation is worse still, and calls for immediate consideration and early relief.

A larger recreation room is needed for the patients we already have, and lack of space is hampering the work of the senior carpentry class.

A small mortuary would be a great convenience and helpful in training the staff.

To be properly safeguarded in case of fire, there should be another spiral fire escape at the east end of the main building similar to the one at the north side of the west T-end. The present east-end fire escape is of a type which patients will not use and which would be positively dangerous for many of our clumsy-gaited low-grades if they had to use it. With a spiral fire escape at both ends of the building, patients could not be shut off from the escapes by fire occurring in the central part or in the north T-end.

Further, at the east end, the patients would be evacuated directly into the enclosed playgrounds where they could be counted to make sure all were out of the building, from which they could not run away in their fright and which affords facilities for segregation into suitable groups, pending further disposal.

As things are at present, when evacuated by the west-end fire escape even during a fire drill and in full daylight, special precautions have to be taken to keep patients from wandering away and to shepherd them into the playgrounds. There are 89 girls on the second floor, many of them slow moving and lethargic. Evacuating these at the rate of one every 10 seconds, it would take 14 minutes to clear the floor, or $7\frac{1}{2}$ minutes for one every five seconds. If fire got well started before being detected in such a building and with such patients, some might be severely burned

or overcome by smoke. With two useable fire escapes, this danger would be practically eliminated.

In conclusion, I would like to again place on record my warm appreciation of the faithful and loyal service rendered by all members of the staff during another year, and particularly by the senior officers.

Sincere thanks are also due to Dr. Bunn, Dr. Nix and the three Dr. Parsons, and to Dr. L. A. MacLean of the Full-time Health Unit, who succeeds and continues the splendid help formerly given by Dr. G. M. Little. All these acted as extra-mural lecturers without pay.

To Dr. McAlister and Dr. R. R. MacLean for their co-operation and to Dr. Bow for his interest and advice freely given at all times, I would also like to express my gratitude.

MOVEMENT OF FEEBLE MINDED POPULATION

Defectives on books of institution at January		37:		Male I	Female	Total
In the Provincial Training School, Red Dec	er			108	101	209
ADMISSIONS: 1. First admissions, voluntary 2. Re-admissions	Male 10	Female 6 2	Total 16 2			
3. Transfers—P.M.H., Ponoka	2	3	5			
Total number of admissions				12	11	23
Total number of defectives on the	books	during	1937	120	112	232
OUTGOING: 1. Paroles 2. Transfers:	Male 2	Female 4	Total 6			
P.M.I., Edmonton P.M.H., Ponoka 3. Deaths	3 2	3 2	3 5 3			
Total number of outgoing		-	-	8	9	17
Defectives on books of the institution at D	ecembe	er 31st, 1	1937	112	103	215

TABLE 2

RESPONSIBILITY FOR MAINTENANCE OF PATIENTS IN RESIDENCE AT DECEMBER 31, 1937

Wards of the Province of Alberta Wards of the Municipal Districts of Alberta Wards of the Department of Municipal Affairs of Alberta Private cases in residence during 1937 Wards of the Department of Pensions and Health, Ottawa Wards of the Dominion Government Wards of the Official Guardian, Provincial Government	In Residence 36 146 27 1 2 2 1	Percentage 16.74 67.9 12.56 .46 .93 .93 .46
Total	215	

TABLE 3

MENTAL STATUS OF FIRST ADMISSIONS, RE-ADMISSIONS AND TRANSFERS

	Adn	First	ons	Re-ad	imis	sions	Tra	nsfe	ers		Tota	ls
Mental Status	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Idiot	1	1	2				1		1	2	1	3
Imbecile	6	3	9	-1111				2	2	6	5	11
Moron	2	1	3		2	2		1	1	2	4	6
Borderline	1	1	2				****	****	****	- 1	1	2
Dull	1000	1111	-	1911	1111	2000	1	1101	1	1		1
Totals	10	6	16		2	2	2	3	5	12	11	23

TABLE 4a
NATIVITY OF ADMISSIONS AND OF PARENTS OF ADMISSIONS

		Patients			arents of le Patien	ts		arents o	
Nativity	Male	Female	Total	Fathers	Mothers	Total	Fathers	Mothers	Total
Alberta	9	10	19	2	3	5	1	- 1	2
Other Provinces	1	1	2	4	3	7		1	1
England	1		1	1	2	3	1	2	3
Scotland							1	1	2
United States		1000	****	1	1	2	2	1	3
Norway			3111	1		1	****		
Austria	1		1	2	2	4	1	1	2
Russia	****		****				1	1	2
Netherlands		1000		****			1	1	2
Unascertained			1111	1	1	2	3	2	5
	-	-	-	-	-	-	_	_	-
Totals	12	11	23	12	12	24	11	- 11	22

TABLE 4b NATIVITY OF PATIENTS AND OF PARENTS OF PATIENTS

		Patients			arents of le Patient			arents o	
Nativity	Male	Female	Total	Fathers	Mothers	Total	Fathers	Mother	s Total
Alberta Other Provinces British Isles United States Norway	84 15 3 6	77 16 2 5	161 31 5 11 1	8 27 30 12 4	12 26 28 16 2	20 53 58 28 6	2 29 17 22 3	8 31 25 13 3	10 60 42 35 6
Denmark Holland Netherlands	1		1	2 2 2	1 1	3 3	1 1	1	2 2
Austria Russia Germany France	1	ī	1	4 4 3	5 4 2 1	9 8 5 1	8 2 1	6	14 3 1
Unascertained	112	103	215	112	112	26	16	12 103	28 206

TABLE 5a

AGE (OF ADM	ISSI	ONS	CL	ASSIFI	ED	WITH	RE	FER	ENCE	TO	ME	NTAL	STA	ATU:	5
			Idiot		In	abec	ile	D	Moro	n	Bo	rder	line		Dull	
Age Grou	ip	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0- 4 5- 9					1		1		****	****				****	****	
10-14			1	1	1	3	1	1	1	2	1		1	1		1
		1		1	2	1	3	1111	2	2	40.00		1111	1111		****
		0.000		2324	1000	1	1	****	1	1	1010	4.010	- mar.	****	****	****
35-39	0011110		1111	11111		1111	1111	1	.000	1	1000	pin	2000	11111	*****	****
Tot	als	2	1	3	6	5	11	2	4	6	1	1	2	1		1

TABLE 5b

AGE OF TOTAL	POP	ULA	TION	CLA	SSL	FIED	WITH	RE.	FERE	NCE	LO 1	MEN.	TAL S	PAT	US
		Idio	t	In	nbed	eile	N	Ioro	n	Bor	der	line		Dull	
Age Group	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0- 4			****	1		1		1	1				-		-
5- 9	5	4	9	5	4	9	1		1	1	1	2		1	1
10-14	3	3	6	9	4	13	2	8	10	1	2	3	2	1	3
15-19	6	9	15	19	8	27	11	12	23	2		2	1		1
20-24	12	9	21	5	7	12	2	2	4	3	1	4		inn	1110
25-29	6	4	10	3	9	12	2	2	4	1111	****	****			+
30-34	2	3	5	4	5	9		1	1	444					****
35-39		1	1		1	1	1	1100	1	-	1	1	20.00		
40-up				2		2		****		****	****		4000	1100	4111
	-	-	-		-	-		-	-	-	-	-		-	
Totals	34	33	67	48	38	86	19	26	45	7	5	12	3	2	5

TABLE 6

			ENV	TRON	ME	NT OF	AD	MIS	SIONS	3					
		Idio	t	In	nbed	eile	1	More	n	Box	rder	line		Dull	
Environment.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Urban			****	2	3	5		3	3	****	1	1		51.05	
Rural	2	1	3	4	2	6	2	1	3	1	++++	1	1	++++	1
	-	-	-	- manufacture	-	-	-	-	-	- manual	-	-	-	-	-
Totals	2	1	3	6	5	11	2	4	6	1	1	2	1		1

TABLE 7

		RE	LIGI	ON	OF	ADMIS	SSIC	NS						
1	diot		In	abec	ile	N	Ioro	n	Bor	der!	line	- 1	Dull	
M.	F.	T.	M.	F	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1		1	1	1	2									
			2	1	3		1	1		1	1			
1		1	1		1	1		1				1		1
			1	1	2	1		1	1101					110
							1	1						
	****								1		1			
		****		1	1									
	1	1												***
		****			****	*****	1	1	2000			*****	****	
			1	1	2	****	1	1						1010
	_	_	-	-	_	_	_	_	-	-	_		-	-
2	1	3	6	5	11	2	4	6	1	1	2	1		1
	M. 1	1	Idiot M. F. T. 1 1 1 1 1 1	Idiot In M. F. T. M. 1 1 1 2 1	Idiot Imbed M. F. T. M. F. 1	Idiot Imbecile M. F. T. M. F. T. 1 1 1 2 2 1 3 1 1 1 1 1 1 1 1 2 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2	Idiot Imbecile N M. F. T. M. F. T. M. 1 1 1 1 2 2 1 3 1 1 1 1 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Idiot Imbecile Moro M. F. T. M. F. T. M. F. 1 1 1 2 1 3 1 1	Idiot Imbecile Moron M. F. T. M. F. T. M. F. T. 1 1 1 2 2 1 3 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1	Idiot Imbecile Moron Bot M. F. T. M. F. T. M. F. T. M. F. T. 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	Idiot Imbecile Moron Border M. F. T. M. F. T. M. F. T. M. F. T. 1 1 1 1 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	Idiot Imbecile Moron Borderline M. F. T. M. F. T. M. F. T. M. F. T. 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Idiot Imbecile Moron Borderline M. F. T. M. F.	Idiot Imbecile Moron Borderline Dull M. F. T. M. F. T. </td

TABLE 8

ECONOMIC CONDITION OF FAMILIES OF ADMISSIONS CLASSIFIED WITH REFERENCE TO MENTAL STATUS

Economic	Economic Idiot		t	Imbecile			Moron			Borderline			Dull		
Condition	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Comfortable Marginal Dependent	1 1	1	1 2	3 3	3 2	6 5	2	2 2	4 2	1	ī	1 1	1		1
m 4-1-	-	-	-	-	-		_	-	_	-	-	-	-	-	-
Totals	2	1	3	6	5	11	2	- 4	6	1	1	2	1	****	1

TABLE 9a

DISCHARGES CLASSIFIED WITH REFERENCE TO MENTAL STATUS AND CHRONOLOGICAL AGE

		In	bec	ile	IV	Ioro	n	Years in		
	Age Group	M.	F.	T.	M.	F.	T.	Residence		
15-19						1	100	1/10		
		****				1		1/11		
		- 1111		****	1	2000	3	2/3		
00.04		1		1	****		****	1/6		
20-24			1	1	0.00			4/6		
		****	40.00	****	****	1	1	2/9		
	Totals	1	1	2	1	3	4	14/9		

TABLE 9b

TRANSFERS CLASSIFIED WITH REFERENCE TO MENTAL STATUS AND CHRONOLOGICAL AGE

	0							
			Imbecile			Ioro	n	Years in
	Age Group	M.	F.	T.	M.	F.	T.	Residence
25-29						1	1	6/6
30-34		1						12/8
		1	1111	1922	3444			18/3
		1	****	3				13/8
35-39		1	****			****		12/6
40		*****	1	2	****			18/3
40-up		1	4	2	2000		9000	13/3 13/0
		1111						13/0
	Totals	5	2	7		1	1	108/2

TABLE 10 DEATHS

Causes of Death	M.	Idiot F.	T.	Age	Years in Residence
Broncho-pneumonia	1			19/4 12/0	6/11
		1	3	21/9	1/9
Totals	1	2	3		11/7

		Т	ABLE	11	
COREN	on	*****	marrana.	***	BEGINE

DOME OF	***		**	en i		TERM	TENTINGE.				
	I	dio	t	Im	bec	ile	Moron		Tota	al	
Classification	M.	F.	T.	M.	F.	T.	M. F. T.	M.	F.	T.	%
Infirmary Type: (a) Physically helpless (b) Mentally helpless M.D. and Epileptic M.D. and Psychopathic M.D. and Psychotic Mongols and Mongoloid	16		39	5 6 10 2	3 2 1	13	1 3 6 9 2 2 2 2 1 1	17 25 29 2 1 11	10 23 23 4 5 4	27 48 52 6 6 15	12.56 22.32 24.18 2.8 2.8 7.0
Totals	51	43	94	30	15	45	4 11 15	85	69	154	71,66

TABLE 12

APPLICATIONS AWAITING ADMISSION

Male	Female	Total		Male I	Femal	e Total
Applications dated prior to			Applications dated:			
1929	8	8	1934	9	11	20
Application dated:			1935	22	12	34
1929	3	5	1936	16	17	33
1930 9	3	12	1937	22	12	34
1931	3	6		-		-
1932	5	7	Totals	88	78	166
1933 3	4	7				

TABLE 13

REPORTED SUSPECTS

	Male	Female	Total			Male :	Femal	e Total
Reported from Jan. 1/22 to				Reported	during:			
Dec. 31/28			269	1934		5	11	20
Reported during:				1935		11	7	18
1929	23	16	39	1936		21	6	27
1930	18	19	38	1937		21	17	38
1931	18	5	24					-
1932	5	6	11		Totals	127	98	511
1933	6	11	17			.,		

TABLE 14

SUMMARY OF REPORTED DEFECTIVES

	Male	Female	Total
Applicants (Table 12)	88	78	166
Suspects (Table 13)	127	98	511
In residence at Red Deer	112	103	215
Oliver	49		49
Ponoka	64	54	118
Claresholm	2000	6	6
Totals	440	339	1.066

TABLE 15 EUGENICS SUMMARY

	Male	Female	Total
A.—Training School Cases: Presented and approved (P.T.S.) Presented and approved (Out-Patients)	44	55 1	99 2
Operations Total	45 34	56 50	101 84
Paroled, Transferred, etc.	34 19	50 31	84 50
In Residence B.—Sterilized prior to admission Paroled, Transferred, etc.	15	19 25 15	34 25 15
In Residence		10	10
C.—Total number in Residence	15	29	44

Percentage of Population-20.46%.

TABLE 16 STAFF-DECEMBER 31, 1937

Male I	emale	Total	Mal	e Femal	e Total
Medical Superintendents 1 Bursars 1 Dentists, part time 1 Graduate Nurses Other Nurses Teachers of Grade subjects Teachers of Special subjects Matrons Attendants 5	3 13 1 2 1	1 1 3 13 13 1 2 1	Kitchen Staff Dining Room Staff Maids Laundry Room Staff Sewing Room Staff Gardeners Farmers Boiler Room Maintenance Staff	. 2	3 2 4 3 2 1 1 6 3
Social Workers, voluntary 1 Stenographers	2	2 1	Totals 2	36	57

TABLE 17

SEWING ROOM-SUMMARY OF	ARTI	CLES MADE AND REPAIRED IN	1937
Articles Q	uantity	Articles	Quantity
Aprons, Gingham, white, burlap	241	Sheets	. 169
Bags, Laundry, stocking	30	Shorts	. 48
Bedjackets	87	Skirts	
Bibs	58	Serviettes	. 27
Bloomers	206	Shrouds	. 3
Blouses	49	Smocks	
Brassieres	48	Slips	
Bureau scarves, table ends, tray	61	Tie Strings	
cloths, etc.		Towels, Dish	
Caps, Isolation	67	Huck	182
Canvas Suits	13	Tea	. 34
Canvas Sleeves	32	Uniforms, Brownies	
Chemise	153	Hats	4 4
Cloths, Table	54	Bloomers	
Cloths, Wash	133	Dining Room Dresses	
Coveralls	49	Bloomers	-
Covers, mattress, press and mangle, bedpan, etc.	186	Aprons Collar and Cuff Sets	
Curtains	54	Nurses	
Dresses	229		
Diapers	363	Aprons Bibs	
Garters, pairs	68	Caps	
Handkerchiefs	132	Miscellaneous	
Hospital Gowns	2	miscendicous	
Kneelers	54	Total number of articles manu-	
Nightgowns	194	factured	3.725
Pillows and Pillow Cases	128	Total number of articles repaired	
Rompers	7	a committee of management	
1932-Total number of articles manuf	actured		2,758
Total number of articles repair	ed		38,371
1933-Total number of articles manu			
Total number of articles repaire	d		. 40,541
1934-Total number of articles manuf	actured		3,204
Total number of articles repaire	d		. 42,495
1935-Total number of articles manuf	actured		2,958
Total number of articles repair	ed		. 43,272
1936-Total number of articles manuf	actured		2,771
Total number of articles repair	ed		. 52,596
	TABL	F 19	
	LAUN		
			308,460
1933—Total number of articles launde			
1934—Total number of articles laund	ered		
1935—Total number of articles launde	red		339.790
1936—Total number of articles launder	red		
1937-Total number of articles launde	ered		. 500,001

Division of Tuberculosis Control

(A. H. Baker, M.D., Medical Superintendent)

This is the first report of a complete year's activities since the Division was created. This fact accounts, in part, for the record of a very general increase in the work undertaken, a statement of which follows, with full details in the statistical section.

Fall in Death Rate.

Total deaths from tuberculosis were 340 compared with 382 in 1936, a decrease of over 12%. This gives a death rate per 100,000 of population of 42.9 as compared with 49.4 in 1936. Of the total deaths, 174 were among the white population and 160 among the Indians and Metis.

Racial Origin of 319 Discharged Sanatorium Patients.

Forty-three per cent had their racial origin in the people of Great Britain and Ireland; 8.1% were Metis; the balance, or roughly 49%, were distributed among various races as shown in Table 9.

Birthplace of 319 Discharged Sanatorium Patients.

One hundred and eighteen, or 37%, were born in Alberta; 70, or 21.9%, in other parts of Canada; 36, or 11.2%, in other parts of the British Empire; all, told 70.2% of the discharged patients were born in the British Empire.

Sanatorium Bed Accommodation.

An additional 40 beds were taken over in the Edmonton General Hospital, bringing the total number of beds in that city to 164. In Calgary, the 8 beds in the Kerriemuir Nursing Home were discontinued at the request of the Home. On December 31st, the total treatment beds in operation were 374, an increase of 32, or 9.3%, over the preceding year. This number proved sufficient to meet the demand.

In September the University Hospital Unit was set apart for the treatment of males only ,in order to facilitate administration.

Patients Treated.

On January 1st there were 327 patients receiving institutional treatment, and during the year 340 were admitted, making the total number treated 667, an increase of 18.5% over 1936. On December 31st, patients in sanatoria numbered 348, while 60 more were at home but receiving artificial pneumothorax as out-patients.

Patient Days.

Patient days numbered 120,303, an increase over 1936 of 23,705 days, or 24.5%.

Clinics for Diagnosis and Follow-up Work.

The towns of Red Deer, Hanna and Stettler were added to the list of stationary clinics, bringing the total to 11. Clinics were held at 59 other points throughout the Province. Total clinic examinations numbered 3,578, an increase of 1,466, or 69.4%.

New Cases of Tuberculosis (Excluding Treaty Indians).

Four hundred and one cases were reported by this Division; of these, 311 had active pulmonary tuberculosis, 67 inactive pulmonary tuberculosis, and 23 non-pulmonary tuberculosis. Of those with active pulmonary tuberculosis, 70.6% were admitted to institutions for treatment.

Methods of Discovery of New Cases.

The clinics diagnosed or confirmed the diagnosis in 218 cases; practicing physicians referred directly for treatment 148, and the Provincial Laboratory reported 35 individuals with a positive sputum.

Time Between Diagnosis and Admission for Treatment.

The interval seems unnecessarily long, i.e., 53 days. However, it may be stated that the delay was not due to a shortage of beds.

School Surveys.

In September and October a tuberculosis survey was made of 25 schools in the Drumheller Hospital District, excluding Drumheller. In December a similar survey was conducted in the public and high schools of Drumheller. This work was sponsored by the Kinsmen Club of Drumheller, and organized by Miss E. Jones, Public Health Nurse. This Division supplied a physician, who did all tuberculin testing and read the results and who examined all requiring such service. The films were read at the Sanatorium. The survey included 1,959 children and 52 adults. Reactors to tuberculin among the children were 256, or 13.1% of the group, which is in line with similar surveys elsewhere in this Province. Nearly all reactors reported for X-ray examination. Of the 256 reactors to tuberculin, 2 had active tuberculosis, 52 required further examination, and 202 had no disease.

This Division also had the opportunity to co-operate with Dr. Somerville, Health Officer of the Foothills Health District, in a survey of high school pupils in the district. This work was sponsored by the Rotary Club of High River and carried out by the staff of the Health District. The X-ray work, the physical examinations and the interpretation of films were carried out by the staff of the Central Alberta Sanatorium. Dr. Somerville reports 545 completed tuberculin tests, with 37.7% reactors, after using Purified Protein Derivative of Tuberculin in two doses. Two hundred and two were X-rayed. One case of active tuberculosis was found and four others were recommended for close observation. Fifty-six of the teachers were examined, and no cases of tuberculosis found.

In October a survey was made of the public and high schools of St. Paul and of 13 adjacent rural schools to determine the extent of tuberculosis infection and of disease in a section of the Province not previously examined. Tuberculin tests of 612 public school children showed 12.2% reactors, while 51 high school children showed 29.4%. It would appear that in this limited survey the degree of tuberculosis infection in this group, many of whom are of French-Canadian stock, is essentially the same as in other groups studied. One child had tuberculous disease, and in four others there was healed or latent tuberculosis.

Survey of Indian Residential Schools.

On the request of the Department of Indian Affairs, the children in 11 residential schools were examined and X-rayed; 856 children were examined by this Division and 272 on the Blood Reserve by Dr. L. M. Mullen, who rejoined our staff on October 1st. It is hoped that by keeping spreaders of infection out of the schools that more of these young people will enter adult life free from disease. The Provincial tuberculosis situation cannot be satisfactorily cleared up until there has been a definite decrease in this disease on the Reserves, which at present must be considered sources of infection. The Federal Department is to be commended for its increased interest in this situation.

It was found that nearly all the children in the schools have already been infected; 48, or 4.2% of all Indian children examined, were diagnosed as having tuberculous disease of the lungs. This is much in excess of the gross disease diagnosed in surveys among non-Indian school children.

The Department of Indian Affairs has made it possible to give Sanatorium or hospital treatment to all children considered to have active disease and to be a menace to others. There is every reason to believe that the methods found effective in the control and treatment of non-Indians will prove effective with the Indians. A reduction in this disease can undoubtedly be brought about by greater control of the spreaders of infection.

Summary of Clinic and Survey Examinations.

Clinic, 3,578; School Surveys, 3,266; Indian Schools, 1,128; total, 7,972. This is an increase of 210% over 1936 clinic and survey examinations.

Voluntary Agencies:

The assistance given in anti-tuberculosis work by voluntary agencies has been very considerable.

Edmonton.—The Kinsmen Club has continued its activities, and again supplied to the work in this city a full-time tuberculosis nurse. Miss C. Davidson, who for some years has rendered very efficient service, was unfortunately compelled to retire for health reasons. The amount of progress made in Edmonton is a just tribute to the devoted service of Miss Davidson. Her successor, Miss Booth, has already taken on her duties, and will undoubtedly maintain a high standard of service.

Calgary.—Miss Acton, tuberculosis nurse, continues her valuable work, which is made possible by the Calgary Tuberculosis Association.

Lethbridge.—The Nursing Mission has continued its services. Miss Tilly, Supervisor, and her assistants not only have arranged all clinics, but have carried out the work from day to day.

Medicine Hat.—The Christmas Seal Committee still carries on its invaluable work for this city and district. To Miss Hagerman, Public Health nurse, we are indebted for the organization of the clinic work.

Drumheller.—The Kinsmen Club has been very active. With its seal funds it has made possible the very complete check-up of the schools in the hospital district. Through the assistance of Miss E. Jones, Public Health nurse, regular clinics have been held, home supervision carried out, and school contests in essays on tuberculosis have been held. The result has been a very keen interest in antituberculosis measures by the entire district.

Red Deer.—The Rotary Club again held a seal sale and has done much for the young people. Through the Health Officer, Dr. Little, and his successor, Dr. McLean, a close check-up has been kept on cases of tuberculosis and their contacts.

High River.—The Rotary Club and Dr. Somerville, Health Officer, have contributed a service similar to that in the Red Deer Health Unit, and in addition conducted a survey of high school children.

Cardston.—The Rotary Club conducted a Christmas Seal Sale. From the proceeds assistance has been given patients in procuring diagnostic examination.

Hospitals.—All hospitals in towns where clinics were held have generously given space for clinics and made available their X-ray facilities. This has immeasurably contributed to the success of the examinations.

The Medical Profession.—The practicing physicians during the year have again proven that they are a most potent factor in the diagnosing of new cases of tuberculosis. In many instances they have made the diagnosis and in others they have referred for specialist examination suspected cases. This sympathetic and ever ready assistance is deeply appreciated.

Department of Indian Affairs.

A real progressive step has been taken by this Department in seeking to raise the standard of health in the residential schools. The relationship between this Division and Mr. C. P. Schmidt, Inspector of Indian Agencies, and other officials has been most pleasant, and because of this the work has been done expeditiously and we believe with efficiency.

Tuberculin Testing of Nurses in Training Schools:

Nine training schools are carrying out tuberculin tests at various intervals on their nurses. The tuberculin in proper dilution is supplied by this Division. This is part of a study being carried out in Canada in an effort to reduce the incidence of tuberculosis among nurses.

Personnel.

Dr. G. M. Reid, Assistant Medical Superintendent of the Central Alberta Sanatorium, retired on September 30th, having completed 17 years of loyal and efficient service to the tuberculosis sick of this Province. On October 1st, Dr. L. M. Mullen rejoined the staff as Assistant Medical Superintendent of the Central Alberta Sanatorium.

Dr. J. C. McPherson was transferred to the Edmonton General Hospital to assist in the ever increasing work at this point.

Dr. W. J. Downs replaced Dr. McPherson at the Sanatorium on August 1st.

Dr. B. W. Banks was a temporary member of the staff from August 1st.

Central Registry.

A central tuberculosis registry for the Province is operated at the Sanatorium in Calgary.

Educational Work.

On March 9th the Calgary Medical Society met at the Sanatorium. The programme consisted of talks and demonstrations by Drs. McPherson, Stephens, Reid and Baker.

On May 14th a talk on Prevention of Tuberculosis was given by Dr. Baker before Public Health group of nurses in Calgary.

On September 22nd a talk was given to the Calgary Tuberculosis Association by Dr. Baker.

In September, Miss K. Connor, Matron, addressed the alumnae of the Holy Cross Hospital and Calgary section of Public Health nurses on "Tuberculosis Control."

On November 13th Dr. Baker addressed the combined Hospital and Nurses Associations on "Tuberculosis—Hospitals and Nurses."

On December 14th, Dr. Mullen discussed "Differential Diagnoses of Chest Diseases" before the Stettler Medical Society.

In October, Dr. G. R. Davison addressed the Convention of Teachers of the St. Paul Inspectorate.

Dr. G. R. Davison took part in the Refresher Course for Nurses in Edmonton.

Radio talks were given by both Dr. Davison and Dr. Baker.

Further Developments.

The most urgent need in the service at present is a surgical unit. Numerous patients, without surgery doomed to invalidism and death, can with modern highly specialized treatment be saved from their sad plight. This service can be rendered more efficiently within the Sanatorium, and for this reason it is earnestly submitted that this service should be started without delay. A satisfactory unit could be installed at the Central Alberta Sanatorium at a very moderate cost if provision were made to build a nurses' home, so that the inadequate present nurses' quarters could be converted into a surgical section.

A building for nurses and maids at the Central Alberta Sanatorium is much needed. Where employees spend their working hours in contact with an infectious disease of very serious consequences when contracted, it is essential that they maintain a high standard of health to withstand the exposure. The nurses live two in a small room with no satisfactory recreation or sitting room. Many of the maids are housed three in a room, and some even have quarters in a patients' building. This situation is anything but satisfactory. The Matron and Dietitian have only one small room respectively. There is no possible accommodation for the isolation of either nurses or maids who become sick. The fact that no serious outbreak of tuberculosis or other infectious disease has occurred in this portion of the staff can only be attributed to good fortune, in view of the wholly inadequate living conditions.

There is a frequent request that non-pulmonary tuberculosis cases be included in the provisions of the Act for free treatment. Many of these cases require long hospitalization, just as do the pulmonary cases, with the attendant difficulties. While they are not as grossly infectious as many pulmonary cases, it is a fact that not all of these latter are grossly infectious and still receive the benefits of the Act. A comprehensive campaign to conquer this disease requires that attention be given wherever the disease appears to trace down as quickly as possible the spreaders of disease, and for this reason as long as the non-pulmonary cases do not come within the scope of the work of this Division, so long are we out of touch with a type of tuberculosis that accounted for 24% of the tuberculosis deaths last year. It is estimated that to treat these cases would require the use of apyroximately 10% to 15% more bed accommodation for the first year. This would probably tend to increase somewhat in later years to perhaps 20% of the total bed accommodation.

The development of the work of the Division has necessitated numerous changes as well as new activities. Grateful acknowledgement is made of the encouragement and assistance given by the Honourable the Minister of Health, Dr. W. W. Cross, and by Dr. M. R. Bow, Deputy Minister. Dr. A. F. Anderson, Superintendent of the Royal Alexandra Hospital, Dr. R. T. Washburn, Superintendent of the University Hospital, and the Reverend Sister Superior of the Edmonton General Hospital, have all given sympathetic consideration to our problems, and have to a great degree contributed to the standard of treatment carried out in these institutions.

I wish to express my personal appreciation of the conscientious services and helpful advice rendered by the members of our staff, who throughout the entire year have loyally served the tuberculosis citizens of this Province.

CENTRAL ALBERTA SANATORIUM

The year has been one of ever increasing activity. The beds have been utilized to capacity, and the diagnostic service of the Division has greatly increased the demands made on the medical staff. This year the statistical report has been combined with that of Edmonton, and appears in the report of the Division.

Change in Personnel.

The changes in the medical personnel have already been noted in the report of the Division.

Miss M. McLeay, Dietitian, resigned after nine years of loyal and efficient service. Miss Edwina McCaffery, a graduate of the University of Alberta, and with several years' experience in large American hospitals, was appointed dietitian.

Mr. Stewart Evans was appointed teacher in charge of school work.

Nursing Service.

No change has been made in the establishment of 19 graduate nurses. Miss Connor, R.N., Matron, reports that the time lost through illness has been above the average. The increase in medical services to patients has been so marked that an increase in the nursing staff is now receiving attention.

Dietary Department.

During the year meals served numbered 314,290, a decrease from last year of 4,560. The average food cost per meal was 12.66 cents.

Administration.

Patient days numbered 74,819, a reduction from last year of 2,369. The extra accommodation in Edmonton relieved the unfortunate situation of a long waiting list. The average patient day strength was 205. The per diem cost was \$2.38, including clinic services, which was 13 cents over the daily cost in 1936, and is accounted for by rise in the cost of supplies, as well as in greatly increased free clinic service. The maintenance of grounds and buildings has received the usual attention. In accordance with our custom of redecorating one building a year, Pavilion 5 was painted.

School.

It is a pleasure to report that a full-time teacher was appointed and that about 40 patients have carried on work. Several wrote departmental examinations and received the usual credits from the Department of Education. Both public and high school work is taught, and in addition instruction to adults who are learning to read and write English.

We are again indebted to Dr. G. F. McNally, Deputy Minister of Education, who has visited the Sanatorium several times and given help in organizing the work and, in addition, has provided our students with correspondence courses. It is a gratification to know that patients of school age are now able to continue their studies and so reduce the handicap which they suffer through ill-health.

Farewell Party to Dr. Reid.

The retirement of Dr. G. M. Reid, Assistant Superintendent, brought a severe loss to patients and staff. Dr. Reid brought from Frank, Alberta, the first patients to enter the Central Alberta Sanatorium on October 20th, 1920, and throughout his years on this staff he had proven himself a wise physician and a true friend to one and all. The good wishes of all, including many former patients

and staff members, were extended and expressed through suitable presentations.

Entertainment.

The Sanatorium paper "The Cheer-U-Upper" has celebrated its first birthday, and continues to play its important part as a source of information and amusement both to Calgary and Edmonton patients. It is a patients' publication, and as such is a credit to its committee of management.

As in former years there have been concerts, movies, whist drives, billiard and cribbage tournaments, the annual Garden Party, auto drives, passes to theatres, the Stampede and games. Grateful acknowledgement is made of these contributions from many friends toward the social life of the patients. Full details may be found in the list of Donations and Entertainments.

Divine Services.

Throughout the year religious services have been held regularly. At all times members of the clergy have responded to any and all calls made upon them. We are particularly indebted to the following gentlemen who have served throughout the year: Rev. Dr. A. R. Aldridge, Rev. Father MacDonald, Rev. Father Clancy, Rev. J. M. Roe, the Venerable Archdeacon Swanson, Rev. Ph. Unterschultz, and Rev. Lars Brandser.

It is a pleasure to acknowledge the invaluable assistance received from the Department of Public Works through Mr. E. L. Appleby, Chief Engineer, and his staff.

DONATIONS AND ENTERTAINMENTS

CONCERTS—South Calgary United Church Choir; Calgary Native Boys' Band; Excelsior Glee Club; Elk's Band; Scottish Choir and Miss Betty Lawson's School of Dancing; Rithfield Quartette and Miss Alice Murdock's School of Dancing (arranged by Red Cross Society); St. Barnabas Choir (Carols); Salvation Army Band.

PARTIES—Garden Party; Hallowe'en Party.

LECTURES—Beauty Spots of Rockies, Mr. S. Vallance.

WHITE DRIVES-Recreation Committee; Military Chapter I.O.D.E.

PASSES—The various Moving Picture Houses; Calgary Exhibition and Stampede.

DRIVES—T. Eaton Company; Hudson's Bay Company; Starr's Ambulance; Roy's Ambulance; Foster & Foster; Masonic Lodge; Rotary Club; Mr. Matron.

XMAS, 1937—Hon. R. B. Bennett, candy for staff; Ft. Brisebois Chapter I.O.D.E., magazine subscription; Rotary Club, magazine subscriptions; Junior Samaritan Club, cheque; Ontario Laundry Company, candy and cigarettes; Leyden's Funeral Home ,candy and cigarettes; Union Milk Company, ice cream; Mr. and Mrs. Rathbun, biscuits; Calgary Branch Red Cross Society, concert and parcels for all patients; Catholic Women's League, parcels for patients; Children's Hospital Aid, parcels for children; Ladies of Ste. Famille, parcels for patients; Military Chapter I.O.D.E., parcels for exsoldiers.

MISCELLANEOUS — Municipal Chapter I.O.D.E., cheque; Rupert Brook Chapter I.O.D.E., magazines; Lady Alice Scott Chapter, I.O.D.E., magazines; Provincial Chapter I.O.D.E., school books; Rotary Club, magazine subscriptions; Mr. G. Wright, Sr., magazines; Miss Graves, books; Mrs. Newman, books; Mr. E. L. Harvie, books; Herald Lending Library, books; Anonymous Friends, books and magazines.

REPORT OF SANATORIUM SECTION OF EDMONTON HOSPITALS

(Dr. G. R. Davison)

	Edmonton General Hospital	Royal Alex. Hospital	University Hospital
Number in Hospital Jan. 1, 1937	. 59	34	20
Admissions	. 152	45	33
Transferred to other institutions	. 13	5	10
Actual discharges	. 77	26	14
Deaths	. 24	16	8
Number in Hospital Dec. 31, 1937	. 97	32	21
Hospital days	. 25,599	12.408	7.477

Medical Services.

According to agreement, the various hospitals supply all nursing and hospital care, for which they receive a per diem flat rate. The professional attention, both medical and dental, is supplied by the officers of the Division. Reference to the statistical section will reveal the amount of work undertaken.

Tuberculosis Office and Clinic in Edmonton General Hospital.

Clinical records are kept here of all sanatorium patients as well as of clinic patients of the city and district. In this way the physician examining discharged patients as well as those requiring check-ups from time to time, has available all the clinical data, including previous X-ray films. The total of 535 clinic examinations in Edmonton indicates the extent to which this source is being used by citizens and their physicians.

Entertainment.

The patients contributed to the Sanatorium "Cheer-U-Upper," and in this way provided items of local interest.

Grateful acknowledgment is made of numerous gifts from friends:

Hudson's Bay Company; T. Eaton Company; General Hospital Alumnae, Dr. J. B. McKay; Dr. Irving Bell.

Books—Bishop Breynat; Mr. Smith; Mrs. Benny; Kinsmen Club; Dr. Leslie McIntyre.

Radio-Mr. Irvine Milner.

Flowers—Amby Lennon.

Gifts to Patients—Wimodausis Society; Norwood C.G.I.T.; Royal Alexandra Hospital Ladies' Aid.

Handicraft Tuition—The Royal Alexandra Hospital Ladies' Aid. Magazines—Catholic Women's League.

Entertainments—Films, Mr. Montague, Mr. Cook, Mr. Brown; Violin Recital, Miss Heckleman, Miss Page.

Parties—Hallowe'en and other parties have been arranged by the various hospital staffs.

The hospital libraries are a constant source of pleasure to patients. It is hoped that from time to time the number of books may be increased, as friends appreciate the needs of those sick.

In conclusion, I wish to thank the members of the medical staff, Miss C. Lonsdale, and the various members of the hospital staffs for their very valuable assistance throughout the entire year.

STATISTICAL SECTION CLINIC REPORT

Place	No. of	New Exams.	New Cases T.B. Active	New Cases T.B. Inactive	Review	Total Exams.
Athabasca-	1	47	3	2	4	51
Bentley	1	13	0	0	22	35
Berwyn	1 2	20 87	6	0	8 10	28 97
Bonnyville Calgary	50	200	13	4	173	373
Camrose	6	66	4	1	34	100
Central Alberta Sanatorium	52	134	5	10	186	320
Chauvin	1	6	0	0	0	6
Crow's Nest Pass	5	86	3	1	27	113
Daysland	12	20	0	1 4	112	20 259
Drumheller Edmonton	104	147 275	8 42	14	112 260	535
Edgerton	1	5	0	0	0	5
Elk Point	î	37	3	0	10	47
Fairview	1	9	0	0	1	10
Galahad	1	12	0	0	0	12
Grande Prairie	1	23	3	1	1	24
Hanna	4	13 11	4 0	2 0	11	24
Hardisty High Prairie	1	7	0	0	0	7
High Prairie High River	1	54	ő	ő.	15	69
Innisfail	î	11	1	1	10	21
Innisfree	î	10	1	0	10	20
Irma	1	5	0	0	0	5
Islay	1	10	0	0	4	14
Jasper, Edson Coalspur Branch	1	42	0	2	11	53
Joussard Kinuso	1	10 29	2 3	1 0	1 0	11 29
Lacombe	1	15	2	2	22	37
Lethbridge	6	108	7	2	75	183
Lloydminster	1	6	Ó	0	2	8
Macklin	1	38	0	1	1	39
Mannville	1	5	0	0	2	7
Medicine Hat	6	88	10	5	128	216
Mirror	1	16	0	0	0	16
Mundare	1	19 16	4	0	19	38 23
Myrnam McLennan	1	18	2	0	2	20
Peace River	î	16	ő	0	6	22
Provost	1	14	0	0	2	16
Radway	1	14	1	0	2	16
Red Deer	3	37	1	3	44	81
Rocky Mountain House	1	17	1	0	1	18
Sexsmith Slave Lake	1	23	0	0	1 0	5 23
Spirit River	1	5	1	0	3	8
Stettler	2	27	ô	1	3	30
St. Paul	2	102	5	2	27	129
Strome	1	8	2	0	0	8
Tofield	1	18	0	1	1	19
Valley View	1	1	0	0	0	1
Vegreville Vermilion	6	53 21	2 0	2	46	99 28
Viking	1	14	1	0	3	17
Vilna	1	41	6	0	7	48
Vulcan	î	18	0	0	12	30
Wainwright	1	8	0	0	0	8
Wembley	1	10	0	1	1	11
Wetaskiwin	1	18	0	0	3	21
Willingdon	1	42	0	0	12	. 54
	306	2.229	149	65	1.349	3.578
Surveys of School Children:	300	2,550	140	00	1,040	0,010
Drumheller City, Drumheller District		7111	2			1.959
St. Paul District				1		663
High River Health District				1		545
No. Adults examined in above Surveys	****			1111	****	99
	-	-			-	
Indian Cahaal Cumana	100	100	151	67		6,844
Indian School Surveys: Blackfoot, Gleichen			2			183
Cree, Hobbema	1111	1111	12	1410	1111	135
Peigan, Brocket		****	2	****		103
Blue Quill, St. Paul			6		****	135
Sarcee, Calgary		****	0			27
Youville, Edmonton		****	13		****	130
St. Albert, Edmonton		****	16	****		143
			000	07	-	E 500
			202	67		7,700

N.B.—Survey of Blood Indians, Cardston, is not included in above.

ANNUAL RE	PORT, 1937			151
Number in Sanatoria January 1st, 1937 Patients admitted, 1937				327
Patients treated, 1937				667
Patients discharged Remaining in Sanatoria December 31, 1937				
	Patients in Sanatorium Jan. 1, 1937	Patients in Sanatorium, Dec. 31, 1937		atients, Days
Central Alberta Sanatorium	214	198		4,819
Edmonton General Hospital Royal Alexandra Hospital	59 34	97 32		5,599 2,408
University Hospital	20	21		7.477
	327	348	12	0.303
CLASSIFICATION ON ADMISSION OF	340 PATIEN	NTS ADMITTED	IN 1937	7
No disease			**********	. 1
Observation (for diagnosis) Tuberculosis, inactive				22
Non-tuberculous				. 36
Tuberculous pleurisy				. 3
Non-pulmonary tuberculosis Pulmonary Tuberculosis: Minimal				45
Moderately advanc	ed			. 82
Far advanced				. 140
Childhood type tuberculosis				0
				340
Central Alberta Sanatorium:	Y REPORTS			
Sputum Examinations:				
In-Patients			2,508	
Out-Patients			342	2.850
Other Examinations:				2,000
Urinalyses			1.922	
Blood examinations Guinea pig inoculations			1,669	
Other examinations			107	
			-	3,748
				6.598
Edmonton Sanatoria: Sputum examinations			2.477	
- Urinalyses			571	
Blood examinations			809	
Guinea pig inoculations Agglutination tests			3	
Electrocardiograph			1	
Miscellaneous			1	3.866
				5,500
HELIOTHERAN				
Control Alberta Sanatarium	Number Treated	Number Treatments	Total	
Central Alberta Sanatorium	4	127		nours
Solar Laryngoscopic Air Baths	78	3.117	2.467 h	
Alpine Lamp	42	3.144		
Edmonton Sanatoria				
Number of treatments		1.024		
Transcr of treatments				
DENTAL I	REPORT			
DENTRU	O.L.	Central Alberta		
the state of the s		Sanatorium	Sanat	
Number of patient examinations		353 266	204 177	
Number of patients treated Number of prophylactic treatments		120	103	
Number of fillings		186	201	
Number of extractions		104 5	98	
Number of new dentures		3		
Number of denture adjustments		8	1	1
Number of crowns		1		

OPERATING ROOM REPORTS

Central Alberta Sanatorium:	
Collapse Treatment:	
1. Pneumothorax:	
Under treatment January 1st, 1937	8
New cases begun 1937 Cases under treatment admitted and carried on	1
Cases under treatment admitted and carried on	1 1233
Total number treated, 1937	19
Number discontinued, 1937	3
Under treatment at end of year	7
Number unsuccessfully attempted	
Pneumothorax refills during year 2. Pneumolysis	2,50
3. Thoracoplasty	
4. Oleothorax refills	2
Intravenous Injections:	
Calcium Chloride	51
Sanocrysin	17
Glucose	5
Aspirations from Pleural Cavity:	
Air	7
Serous fluid with irrigation Purulent fluid with irrigation	4
Other Treatments:	
Lipiodol injections into trachea	1:
Cystoscopic examinations	
Spinal Punctures	
Basal metabolism	
Cauterization of cervix	
Pelvic examinations Aspirations of abscesses	20
Drainage of appendiceal abscess	
Removal of gland from neck	
Plaster jackets	
Plaster shells	
Plaster boots Splints to arm	
	-
Edmonton Sanatoria:	
Collapse Treatment:	
1. Pneumothorax: Under treatment January 1, 1937	59
New cases begun during 1937	
	-
Treated during 1937	
Discontinued during year	16
Under treatment at end of year	64
Unsuccessfully attempted	11
Pneumothorax refills	2,327
Intravenous Injections:	
Calcium Chloride	716
Calcium Gluconate	138
Neo Salvarsan Saline	7
Other Treatments:	- 1
Chest aspirations	123
Abdominal aspirations	1
Other aspirations	5
Spinal punctures	10
Basal metabolism	1
Electrocardiagram Exploration of sinus	i
Resection of chest wall	1
Cystoscopy	1
Interstitial	1
Pelvic examination	1
Plastic shell Plaster cast to knee	1
FRISICI COST OF MICE	-

X-RAY SUMMARY CENTRAL ALBERTA SANATORIUM

Sinuses	Parts X-rayed:	1.083	Fluoroscopic Examinations: Gas Cases	2,196
Pelvis		4		
Spine		3		-1233
Shoulder	Spine			
Stationary Clinics	Leg			
Ribs Skull 3	Shoulder		Oesophagus (Barium)	
Skull 3 Special Examinations: 12	Hips		Chest (Lipiodol)	12
Hand	Ribs			
Hand	Skull	3	Caralal Engalmeticas	
Finger	Elbow	2	Special Examinations:	10
Finger		2	Lipiodol (Chest)	12
Teeth			Diodrast (G.U.I.)	45
Stomach				
C.I. Tract				
G.U. Tract	Stomach		loderkon (Gall Bladder)	0
Call Bladder	G.I. Tract	45		66
Carrowell Carrow Carrow	G.U. Tract			00
CLINIC FILMS MADE AND INTERPRETED				
CLINIC FILMS MADE AND INTERPRETED				
CLINIC FILMS MADE AND INTERPRETED 1,72	Oesophagus	1		
1,72		1,200		
1,72				
Pravelling Clinics				735783
Surveys: Old Folks Home, Calgary, High River Health Unit, Drumheller, St. Paul (Indian Schools—Sarcee Calgary; Blue Quill, St. Paul; Peigan, Brocket; Blackfoot, Gleichen; Cree, Hobbema (Indian Schools—Sarcee Calgary; Blue Quill, St. Paul; Peigan, Brocket; Blackfoot, Gleichen; Cree, Hobbema (Indian Schools) (I	Stationary Clinics			1,725
Surveys: Old Folks Home, Calgary, High River Health Unit, Drumheller, St. Paul (Indian Schools—Sarcee Calgary; Blue Quill, St. Paul; Peigan, Brocket; Blackfoot, Gleichen; Cree, Hobbema (Indian Schools—Sarcee Calgary; Blue Quill, St. Paul; Peigan, Brocket; Blackfoot, Gleichen; Cree, Hobbema (Indian Schools) (I	Travelling Clinics			966
Indian Schools—Sarcee Calgary; Blue Quill, St. Paul; Peigan, Brocket; Black- foot, Gleichen; Cree, Hobbema	Surveys: Old Folks Home, Calgary, H	igh Rive	er Health Unit, Drumheller, St. Paul	631
Folia February Filia February Fili	Indian Schools—Sarcee Calgary; Bl	ue Quil	l. St. Paul; Peigan, Brocket; Black-	
EDMONTON SANATORIA	foot, Gleichen; Cree, Hobbema			613
EDMONTON SANATORIA	Films referred for interpretation			325
EDMONTON SANATORIA	m - 1 - 41 - 1 - 4 - 4 - 4			4.000
Parts X-rayed:	Total films interpreted			4,260
CLINIC FILMS INTERPRETED IN EDMONTON Films referred by physicians Edmonton Staff films Edmonton Clinic films 70 Vegreville Clinic films Camrose Clinic films Edmonton Hospital Out-Patients Other Clinic films 11 Indian Schools 2	Parts X-rayed: Chests Spine Hips Femur Elbow Kidneys Knees Larynx Stomach Ankles Sinuses Gall Bladder Pyelogram	485 98 1 1 1 3 4 1 1 1 3 7 1 3 7	Fluoroscopic Examinations: Gas Cases Other Chests Gastrointestinal	1,849
Films referred by physicians Edmonton Staff films 10 Edmonton Clinic films 70 Vegreville Clinic films 70 Camrose Clinic films 70 Edmonton Hospital Out-Patients 70 Other Clinic films 11 Indian Schools 2		610		
1.4	Films referred by physicians Edmonton Staff films Edmonton Clinic films Vegreville Clinic films Camrose Clinic films Edmonton Hospital Out-Patients Other Clinic films			708 44 56 15
				1.412
				2,412

		CLAS		n Admi		Resider Not over	nce	ILE	115	On	Disc	harge	е
			No.	%	%	31 days		A.	AA.	Q.	I.	U.	D.
I. II.		e	4.0			1	10						
III.	Undiagnos Non-T.B.	ea	no	****		6 17	10 22		1		15	6	1
IV.	T.B. Inact		3			1	2		1		1		
			59			25	34		2	0	22	8	2
V. (1)	T.B. Pulm Clinical (no found):												
	Minimal	Α	39	200		9	30	4	3	11	10	2	
		В		****			1		****	****	1		
	Mod. Adv.	C	000	****		6	23	1	3	8	9	1	1
		В	6	1111		1	5		****	1	3	1	1100
	Far Adv.	C	7	****	****	1	6	****	****	****	6	****	1
	rar Auv.	В			****		6			3		1	2
		C	3			1	2						2
			92			18	74	5	6	23	29	5	6
(2)	Positive (bac	cilli found)	:	-	_			_	_	-	_	-	-
	Minimal	A	3				3			1	1		1
		C			1100				****	1000			
	Mod. Adv.	A	18		****	-	18		1	2	12	2	1
		B	5 2	****		1	4 2		****	1	2	1	1
	Far Adv.	Α	24			1	23			6	12	3	2
		В		****		.7	39	1	****	4	15	8	11
App	arently Hop	C peless	4	****	****	15 1	50		2000	1	9	5	35
	arenery mor				_			_	_	-	_		-
			164			25	139	1	1	15	51	19	52
Te	otal Pul. T.	B. Active	256			43	213	6	7	38	80	24	58
VI.	Non-Pul. T	г.в.	4				4				3	-	1
Tota Pati	l "Treated ents "Not	Patients" Treated"	****	****		****					25	25	18
Gra	nd Total		319			68	251	-6	9	38	130	57	79
					-		-		-	-	-	-	-

Explanation of Abbreviations and Terms Used: The standard classification is that of the National Tuberculosis Association. "Minimal", "Moderately Advanced" and "Far Advanced" refer to anatomical extent of disease, while "A", "B" and "C" signify symptoms in order of increasing severity. "A" Arrested, "A.A." Apparently Arrested, "Q" Quiescent, "I" Improved, "U" Unimproved, and "D" Died.

NOTE.—Only those in residence over 31 days are classed as "Treated".

CLASSIFICATION OF 319 DISCHARGED PATIENTS (ON ADMISSION)

No disease	1
Observation (for diagnosis)	16
Non-Tuberculous	39
Tuberculosis, Inactive Tuberculosis, Pulmonary, Active	256
Tuberculosis, Pulmonary, Active Tuberculosis, Non-Pulmonary	4
Tuberculosis, Non-Fullionary	
	319

CLASSIFICATION ON DISCHARGE OF 213 "TREATED" CASES OF PULMONARY TUBERCULOSIS

		OII .	No	
On Admission	Number.	Improvement.	Improvement.	Died.
Minimal	. 34	31	2	1
Moderately advanced		43	5	5
Far advanced		57	17	52
	-		_	-
	213	131	24	58

DIAGNOSIS OF	NON-	TUBERCULOUS	CASES		
Abscess of lung					1
Abscessed teeth	1	Myocarditis ar	nd mitra	al stenosis	1
Arthritis	1	Pleurisy			4
Asthma					
Bronchiectasis	10				
Bronchitis Bronchogenic carcinoma	1	Unper respirat	ory tro	uble	3
Debility		Pneumonia	ory tro	dore	
Congenital malformation of spine	1	2 110 01110 1111			_
Entero-colitis	1				39
I.—SEX:		II.—SOCIAL:			
Male	145				148
Female	174	Married			156
		Widowed			12
	319	Separated			3
					319
III.—AGE ON ADMISSION:			Active T.B.	Non-T.B. and Inactive	Total
From 5 to 9 years			3	4	7
From 10 to 14 years			7	5	12
From 15 to 19 years			16	- 4	20
From 20 to 29 years			102	22	124
From 30 to 39 years			58	6	64
From 40 to 49 years			45 22	8	53 29
From 50 to 59 years From 60 to 69 years			6	7 3	9
Over 70 years			1		1
			_		
			260	59	319
Baptist Christian Scientist Church of England Confucian Congregational Doukhobor Methodist Gospel Mission Greek Orthodox Hebrew Lutheran	2 34 1 1 1 6 2 20 1	Mennonite Mohammedan Pentecostal Presbyterian Roman Catholi Greek Catholi Unitarian United Undenominati	lie c onal	tudent	2 1 1 24 79 16 1 63 5
			Active	Non-T.B. and	197
V.—OCCUPATIONS—WOMEN:			T.B.	Inactive	Total
Clerical Worker			2		2
Comptometer Operator Department Store Clerk			1	****	1
Floor Lady			1	101	1
Housewife			81	12	93
Housework			18	4	22
Laundry Worker			1	2002	1
Nurse in Training			6	1	7
Nurse-in-Training Retired			5	****	5
Seamstress			1	7444	1
Stenographer			î		1
Student			7	2	9
Telephone Operator			1		1
Waitress Wardmaid			3	-	3
At Home	**********		4	1	5
Children (under 16 years)			5	4	9
Cook			1		1
Teacher			- 8	_1	9
			148	26	174

VI.—OCCUPATIONS—MEN: Accountant	Active T.B.	Inactive	Total
Barber	1	****	i
Blacksmith		ï	1
Bookkeeper	1		î
Carpenter	1		1
Clerical Worker Children (under 11)	1		1
Collector Collector	2	3	5
Delivery Man	1 2	****	1 2
Druggist	1	1412	1
Electrician	î	****	1
Farmer	41	12	53
Gunsmith	100	1	1
Hairdresser	- 1		1
Inspector	1	****	1
Labourer Laundry Worker	16	8	24
Machinist	2	2	1 2
Mechanic		2	2
Miner	2		2 2 2 2
No Occupation	2	****	2
Orderly	1		1
Painter	2	in.	2
Policeman	1	****	1
Printer Railroad Employee	1	****	1
Railroad Employee Pullman Porter	1	-	1
Salesman	4	****	4
Soldier	1		1
Sectionman	2	1	3
Surveyor	1		1
Student	5	5	10
Teacher	4	4944	4
Teamster Truck Driver	3		3
Waiter	3	****	3
Well Driller	1		1
Woodsman	2	****	2
	112	33	-
	Antimo	Non TR and	
VII.—NATIVITY:	Active T.B. 91	Non-T.B. and Inactive 27	Total 118
Alberta Canada	T.B. 91 58	Inactive	118 70
Alberta Canada Austria	T.B. 91 58 4	Inactive 27	118
Alberta Canada Austria Buckowina	T.B. 91 58 4 1	Inactive 27 12	118 70 4 1
Alberta Canada Austria Buckowina China	T.B. 91 58 4 1	Inactive 27 12	118 70 4 1 2
Alberta Canada Austria Buckowina China Czecho Slovakia	T.B. 91 58 4 1	Inactive 27 12	118 70 4 1
Alberta Canada Austria Buckowina China Czecho Slovakia England France	T.B. 91 58 4 1 2 1 17 1	Inactive 27 12	118 70 4 1 2 1 20 1
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany	T.B. 91 58 4 1 2 1 17 1	Inactive 27 12	118 70 4 1 2 1 20 1 2
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary	T.B. 91 58 4 1 2 1 17 1 1 1 2	Inactive 27 12	118 70 4 1 2 1 20 1 2
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland	T.B. 91 58 4 1 2 1 17 1 1 1 2 2	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan	T.B. 91 58 4 1 2 1 17 1 1 2 2 1	Inactive 27 12	118 70 4 1 2 1 20 1 2
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland	T.B. 91 58 4 1 2 1 17 1 1 1 2 2	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland	T.B. 91 58 4 1 1 2 1 1 7 1 1 2 2 1 1 3 4 16	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia	T.B. 91 58 4 1 2 1 17 1 1 2 2 2 1 3 4 16 12	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19 15
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania	T.B. 91 58 4 1 2 1 17 1 1 2 2 1 3 4 16 12 2	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19 15 3
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland	T.B. 91 58 4 1 2 1 17 1 1 2 2 2 1 1 3 4 16 12 2 6	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 2 1 4 4 19 15 3 8
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden	T.B. 91 58 4 1 2 1 17 1 1 2 2 1 1 3 4 16 12 2 6 6 6	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19 15 3 8 6
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland	T.B. 91 58 4 1 2 1 17 1 1 2 2 2 6 6 6 1	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19 15 3 8 6
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States	T.B. 91 58 4 1 2 1 17 1 1 2 2 1 3 4 16 12 2 6 6 6 1 23	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19 15 3 8 6 1 29
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States	T.B. 91 58 4 1 2 1 17 1 1 2 2 2 6 6 6 1	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19 15 3 8 6
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales	T.B. 91 58 4 1 2 1 17 1 1 2 2 2 1 1 3 4 16 12 2 6 6 6 1 2 3 3 3	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19 15 3 8 6 1 29
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia	T.B. 91 58 4 1 2 1 177 1 1 2 2 2 6 6 6 1 23 3 2 2 1 —	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 4 19 15 3 8 6 1 29 3
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia	T.B. 91 58 4 1 2 1 17 1 1 2 2 1 1 3 4 16 12 2 6 6 6 1 2 3 3 2	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19 15 3 8 6 1 29
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia	T.B. 91 58 4 1 2 1 177 1 1 2 2 2 6 6 6 1 23 3 2 2 1 —	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 4 19 15 3 8 6 1 29 3
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa	T.B. 91 58 4 1 2 1 17 1 1 1 2 2 1 1 3 4 16 12 2 6 6 6 1 23 3 2 1 1 260 Active	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 4 19 15 3 8 6 1 29 3
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa	T.B. 91 58 4 1 2 1 17 1 1 2 2 2 1 1 3 4 16 12 2 6 6 6 1 23 3 2 1 1 260 Active T.B.	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 1 4 4 19 15 3 8 6 1 29 3 2 1 319
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa VIII.—LENGTH OF RESIDENCE IN ALBERTA: Born in Alberta	T.B. 91 58 4 1 2 1 17 1 1 2 2 2 1 1 3 4 16 6 6 6 12 2 2 6 6 6 6 1 2 3 3 2 1 2 2 1 2 2 6 0 C Active T.B. 91	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19 15 3 8 6 1 29 3 2 1 319 Total 118
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa VIII.—LENGTH OF RESIDENCE IN ALBERTA: Born in Alberta In Alberta under 1 year	T.B. 91 58 4 1 2 1 17 1 1 2 2 1 3 4 16 12 2 6 6 1 23 3 2 1 —260 Active T.B. 91 1	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 1 4 4 19 15 3 8 6 1 29 3 2 1 319 Total 118
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa VIII.—LENGTH OF RESIDENCE IN ALBERTA: Born in Alberta In Alberta under 1 year In Alberta 1 to 2 years	T.B. 91 58 4 1 2 1 17 1 1 1 2 2 2 1 3 4 4 16 6 6 1 2 2 3 3 2 2 1 — 260 Active T.B. 91 1 5	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 1 4 4 19 15 3 8 6 1 29 3 2 1 319 Total 118 1 8
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa VIII.—LENGTH OF RESIDENCE IN ALBERTA: Born in Alberta In Alberta under 1 year In Alberta 1 to 2 years In Alberta 3 to 5 years	T.B. 91 58 4 1 2 1 17 1 1 1 2 2 2 1 1 3 4 4 166 12 2 2 6 6 6 1 23 3 2 1 1 260 Active T.B. 91 1 5 11	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 1 4 4 19 15 3 8 6 1 29 3 2 1 319 Total 118 1 8 12
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa VIII.—LENGTH OF RESIDENCE IN ALBERTA: Born in Alberta In Alberta under 1 year In Alberta 1 to 2 years In Alberta 3 to 5 years In Alberta 6 to 9 years	T.B. 91 58 4 1 2 1 17 1 1 1 2 2 2 1 3 4 4 16 6 6 1 2 2 3 3 2 2 1 — 260 Active T.B. 91 1 5	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 2 1 4 4 19 15 3 8 6 1 29 3 2 1 319 Total 118 1 8 1 2 49
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa VIII.—LENGTH OF RESIDENCE IN ALBERTA: Born in Alberta In Alberta under 1 year In Alberta 1 to 2 years In Alberta 3 to 5 years In Alberta 6 to 9 years In Alberta 10 to 14 years In Alberta 10 to 14 years	T.B. 91 58 4 1 2 1 17 1 1 2 2 2 1 1 3 4 4 16 6 6 6 12 2 6 6 6 6 1 2 3 3 2 1	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 1 4 4 19 15 3 8 6 1 29 3 2 1 319 Total 118 1 8 12
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa VIII.—LENGTH OF RESIDENCE IN ALBERTA: Born in Alberta In Alberta 1 to 2 years In Alberta 3 to 5 years In Alberta 6 to 9 years In Alberta 10 to 14 years In Alberta 10 to 14 years In Alberta 10 to 19 years In Alberta 20 to 30 years	T.B. 91 58 4 1 2 1 17 1 1 1 2 2 2 1 1 3 4 4 16 6 6 6 1 2 2 3 3 2 2 1	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 1 4 4 19 15 3 8 6 1 29 3 2 1 319 Total 118 1 8 12 49 23 18 75
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa VIII.—LENGTH OF RESIDENCE IN ALBERTA: Born in Alberta In Alberta under 1 year In Alberta 2 to 2 years In Alberta 3 to 5 years In Alberta 6 to 9 years In Alberta 10 to 14 years In Alberta 15 to 19 years	T.B. 91 58 4 1 2 1 17 1 1 1 2 2 2 1 3 3 4 4 16 6 6 1 2 2 6 6 6 1 2 2 3 3 2 2 1	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 1 4 4 19 15 3 8 6 1 29 3 2 1 —————————————————————————————————
Alberta Canada Austria Buckowina China Czecho Slovakia England France Germany Hungary Ireland Japan Newfoundland Norway Poland Russia Roumania Scotland Sweden Switzerland United States Wales Ukrainia South Africa VIII.—LENGTH OF RESIDENCE IN ALBERTA: Born in Alberta In Alberta 1 to 2 years In Alberta 3 to 5 years In Alberta 6 to 9 years In Alberta 10 to 14 years In Alberta 10 to 14 years In Alberta 10 to 19 years In Alberta 20 to 30 years	T.B. 91 58 4 1 2 1 17 1 1 1 2 2 2 1 1 3 4 4 16 6 6 6 1 2 2 3 3 2 2 1	Inactive 27 12	118 70 4 1 2 1 20 1 2 2 2 1 4 4 19 15 3 8 6 1 29 3 2 1 319 Total 118 1 8 12 49 23 18 75

.—RACIAL ORIGIN:	Active T.B.	Non-T.B. and Inactive	To
Austrian	3	1000	
Danish	2	1	
Dutch	2	2	
Chinese	2		
Czech	1	200	
English		12	6
French	15	2	1
Finnish	1	110	
German	13	5	1
Irish	31	6	3
Italian	1	- 1111	
Icelandic	1	****	
Japanese	1	****	
Jewish	1	*****	
Metis	24	2	2
Negro	2	2	
Norwegian	17	2	1
Polish	9	1	1
Roumanian		1	
Russian	6	1	
Swedish	9	4	1
Swiss	1	100	
Syrian	****	1	
Scottish	25	9	3
Ukrainian	34	7	4
Welsh	4	7114	
Unknown	3	1	
	-	-	-
	260	59	31
TIES: Calgary	t		_
TIES: Calgary 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3	t		
TIES: Calgary 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3	t		11
TIES: Calgary	t		11
TIES: 41 Medicine Ha Calgary 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: Bassano 1 Okotoks Camrose 3 Olds	t		111
TIES: Calgary	t		11
TIES:	t		11
TIES: Calgary	t		11
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 3 Bassano 1 Okotoks Camrose 3 Olds Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion	t		11
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 3 Bassano 1 Okotoks Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright	t		11
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 1 Okotoks Bassano 1 Okotoks Camrose 3 Olds Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright	t		11
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 3 Bassano 1 Okotoks Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright LLAGES:	t		111
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 3 Bassano 1 Okotoks Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright Leduc 3	t		111
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 3 Bassano 1 Okotoks Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Leduc 3 Wainwright Leduc 3 Wainwright LLAGES: Beiseker 1 Onoway Bonnyville 1 Oyen	t		111
TIES: 20 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 1 Okotoks Bassano 1 Okotoks Camrose 3 Olds Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Leduc 3 LLAGES: 3 Bonnyville 1 Onoway Bowden 1 Provost	t		111
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 1 Okotoks Bassano 1 Okotoks Camrose 3 Olds Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Harnia 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright Leduc 3 LLAGES: Beiseker 1 Onoway Oyen Bowden 1 Provost Chauvin 1 Royalties	t		111
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 3 Bassano 1 Okotoks Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright Leduc 3 LLAGES: Beiseker 1 Onoway Bonnyville 1 Oyen Bowden 1 Royalties Chauvin 1 Smoky Lake	t		3
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 3 Bassano 1 Okotoks Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright Leduc 3 LLAGES: 1 Onoway Bonnyville 1 Oyen Bowden 1 Provost Chauvin 1 Royalties Delia 1 Smoky Lake Edgerton 2 St. Paul	t		3
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 3 Bassano 1 Okotoks Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright Leduc 3 Wainwright Leduc 3 Chauvinght Delia 1 Smoky Lake Edgerton 2 St. Paul Fairview 1 Strome	t		3
TIES: 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 OWNS: 3 Bassano 1 Okotoks Camrose 3 Olds Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright Leduc 3 Wainwright Leduc 3 Chauving 1 Chauvin 1 Royalties Delia 1 Smoky Lake Edgerton 2 St. Paul Forestburg 1 Two Hills	t		3
TIES: Calgary	t		3
TIES: Calgary	t		3
TIES: Calgary	t		3
TIES: Calgary 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 DWNS: Bassano 1 Okotoks Camrose 3 Olds Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright Leduc 3 LLAGES: Beiseker 1 Onoway Bonnyville 1 Oyen Bowden 1 Provost Chauvin 1 Royalties Chauvin 2 St. Paul Chauvin 1 Royalties Chauvin 2 St. Paul Chauvin 3 St. Paul Chauvin 2 St.	t		3
TIES: Calgary 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 DWNS: Bassano 1 Okotoks Camrose 3 Olds Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright Leduc 3 LLAGES: Beiseker 1 Onoway Bonnyville 1 Oyen Bowden 1 Provost Chauvin 1 Royalties Chauvin 2 St. Paul Chauvin 1 Royalties Chauvin 2 St. Paul Chauvin 3 St. Paul Chauvin 2 St.	t		3
TIES: Calgary 41 Medicine Ha Edmonton 66 Red Deer Lethbridge 3 DWNS: Bassano 1 Okotoks Camrose 3 Olds Claresholm 1 Ponoka Daysland 2 Peace River Edson 1 Mundare Grande Prairie 1 Redcliffe Hanna 1 Tofield Hardisty 2 Vegreville High River 1 Vermilion Lacombe 3 Wainwright Leduc 3 LLAGES: Beiseker 1 Onoway Bonnyville 1 Oyen Bowden 1 Provost Chauvin 1 Royalties	t		3

No.	8		1	No.	639	
Vo.	125		1		640	
	131		î			
		***************************************	_		665	
	151		1	No.	666	
No.	156		1	No.	667	
	182		1	No.	696	
	217		î		720	
vo.			1		727	
VO.	270		1	No.	729	
Vo.	276		4	No.	731	
In.	403		1		733	
	462		2			
				-	859	
	467		1		886	
10.	469		1	No.	887	
lo.	553		2		927	
	583		ī		949	
				-		
-	602		1	No.	764	
10.	603		1			
0.	607	***************************************	3			
NI	CIP	AL DISTRICTS:				
577				37-	***	
0.	10		1	No.		
o.	39		3	No.	512	***************************************
o.	64		2	No.	513	
lo.	69		1		515	
	190		î			
			_		516	
	191	***************************************	1		520	
0.	219		3	No.	521	
o.	278		1	No.	522	
	311		1	No.		
	335		1		544	
0.	338		3	No.	545	
o.	340		1	No.	547	
	341		1	No.		
			1			
	342			-	549	
0.	371		1	No.	552	
0.	397		1	No.	572	
	398		4	No.		
	399		i	No.		
				2000		
	427		8	No.		
0.	451		1	No.	578	
0.	454		2	No.	579	
	457		1		580	
			1			
	458			No.		
0.	486		2	No.	609	
	487		1	No.	857	
0.			1			
	489					
	489					

The Child Welfare and Mothers' Allowance Branch

(T. R. Blaine, Superintendent)

Working under the provisions of The Child Welfare Act of Alberta, The Domestic Relations Act of Alberta, The Juvenile Courts Act of Alberta, The Mothers' Allowance Act of Alberta, The Children of Unmarried Parents Act of Alberta, and The Dominion Delinquents Act.

THE CHILD WELFARE ACT

Under this Act any child who is declared by a Judge of the Juvenile Court to be a neglected child is made a ward of the Superintendent of Child Welfare.

In the year 1937 there were 337 children declared wards as against 298 for the year 1936.

In many cases where complaints have been investigated and the home conditions found unsatisfactory, by the help of our inspectors adjustments have been made in some cases and the conditions improved sufficiently to allow the children to remain at home. In other cases, relatives have been found who were willing to care for the children satisfactorily, thus avoiding the necessity of making them wards of the Government.

THE JUVENILE DELINQUENT ACT

In the year 1937 there were 606 cases dealt with by the Juvenile Court as compared with 642 for the year 1936. Only one boy was sent to the Reform School during 1937, all other cases having been dealt with through our Child Placement Department, and with a few exceptions have shown very satisfactory results.

THE MOTHERS ALLOWANCE ACT

Under this Act, for the year 1937, assistance was given to 2,317 widows having in their custody a total of 5,177 children for a total expenditure of \$613,564.00, as compared with \$575,508.41 for 2,319 widows and 5,172 children for the year 1936. There is no set rate of allowance, each case being dealt with according to need.

THE CHILD WELFARE ACT STATISTICS FOR THE YEAR ENDING DECEMBER 31, 1937

New cases dealt with	337
MaleFemale	170 167
Legitimate Illegitimate	69 268

AGES:			
1 year and under	. 299	10 years	
2 years	7	11 years	
3 years		12 years	
4 years		13 years	4
5 years		14 years	
6 years		15 years	
7 years 8 years		16 years	
9 years		17 years	
RELIGION:	42	Pentagorial	
Anglican Roman Catholic	82	Pentecostal Greek Catholic	1 3
Presbyterian		Nazarene	
Methodist		United	49
Baptist		Latter Day Saints	
Protestant		Greek Orthodox	
Salvation Army		Mennonite	
Lutheran	. 31	Gospel Hall	1
NATIONALITY:			
Canadian	333	Quarter Breed	2
American			
CAUSE:			
Neglected	. 53	Mother drinking	9
Mother unable to support		Mother drinking Mother in Mental Hospital	
Morals of parents		Foster mother died	
Immorality		Parents died	7
Mother deserted		Deserted by parents	7
Improper parental control	. 1	Mother killed in accident	
Cruelty and immorality	. 3		
DISPOSAL:			
Made Wards	. 334	Remanded indefinitely	1
Probation	. 1	Returned to parents	1
NUMBER OF WARDS DI ACED I	N FOS	TER HOMES DURING THE YEAR 19	27
NUMBER OF WARDS PLACED I			0.6
No. of male children born during:		No. of female children born during:	
1937	. 82	No. of female children born during:	74
1937 1936	. 82 . 35	No. of female children born during: 1937 1936	74 23
1937 1936 1935	82 35 10	No. of female children born during: 1937 1936 1935	74 23 5
1937 1936 1935 1934	82 35 10 8	No. of female children born during: 1937 1936 1935 1934	74 23 5 9
1937 1936 1935 1934 1933	82 35 10 8	No. of female children born during: 1937 1936 1935 1934 1933	74 23 5 9
1937 1936 1935 1934 1933	82 35 10 8 2	No. of female children born during: 1937 1936 1935 1934	74 23 5 9
1937 1936 1935 1934 1933 1932	82 35 10 8 2	No. of female children born during: 1937 1936 1935 1934 1933 1932	74 23 5 9 11 10 5
1937 1936 1935 1934 1933 1932 1931	82 35 10 8 2 1	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931	74 23 5 9 11 10 5
1937 1936 1935 1934 1933 1932 1931 1930	82 35 10 8 2 1 7 7	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930	74 23 5 9 11 10 5 4
1937 1936 1935 1934 1933 1932 1931 1930 1929	82 35 10 8 2 1 7 7 6	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927	74 23 5 9 11 10 5 4 6
1937 1936 1935 1934 1933 1932 1931 1930 1929 1929 1928 1927 1926	82 35 10 8 2 1 7 7 6 2 4	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1928 1927 1926	74 23 5 9 11 10 5 4 6 1 7
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925	82 35 10 8 2 1 7 7 6 2 4	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1928	74 23 5 9 11 10 5 4 6 1 7
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924	82 35 10 8 2 1 7 7 6 2 4 8 5 9	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924	74 23 5 9 11 10 5 4 6 1 7 8
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923	82 35 10 8 2 1 7 7 6 2 4 8 8 9	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923	74 23 5 9 11 10 5 5 4 6 1 7 8 8
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1923	82 35 10 8 2 1 7 7 6 2 4 8 8 5 9	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1923 1923	74 23 5 9 11 10 5 4 6 1 7 8 8 12 4
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1922	82 35 10 8 2 1 7 7 6 2 4 4 8 5 9 9 14 14 24	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1923 1923 1924 1923 1922 1921	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921	82 35 10 8 8 2 1 7 7 6 2 4 4 8 5 9 14 14 12 19	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1924 1923 1922 1921 1920	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1990	82 35 10 8 2 1 7 7 6 2 4 8 8 9 14 14 14 19 6	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1925 1924 1923 1922 1921 1920 1919	74 23 5 9 11 10 5 4 6 1 7 8 8 12 4 10 13 6
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918	82 35 10 8 2 1 7 7 7 6 2 4 8 5 9 14 14 24 19 6 1	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1925 1924 1923 1922 1921 1920 1919 1919	74 23 5 9 11 10 5 5 4 6 6 1 7 8 8 12 4 10 13 6 5
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1923 1922 1921 1920 1919 1918 Placed in foster homes	82 35 10 8 2 1 7 7 7 6 2 4 8 5 9 14 14 24 19 6 1	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes	74 23 5 9 11 10 5 5 4 6 6 1 7 8 8 12 4 10 13 6 5 5
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed	82 35 10 8 2 1 7 7 6 2 4 8 5 9 14 14 14 19 6 1	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes	74 23 5 9 11 10 5 5 4 6 6 1 7 8 8 12 4 10 13 6 5 5
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1923 1922 1921 1920 1919 1918 Placed in foster homes	82 35 10 8 2 1 7 7 6 2 4 8 5 9 14 14 14 19 6 1	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes	74 23 5 9 11 10 5 5 4 6 6 1 7 8 8 12 4 10 13 6 5 5
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i	82 35 10 8 2 1 7 7 6 6 2 4 8 5 9 14 14 24 19 6 1 264 during n 220	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 5
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i	82 35 10 8 8 2 1 7 7 7 6 2 4 8 8 5 9 14 14 19 6 1 24 19 6 during n 220 ELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 1937 cases.	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 226 490
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i	82 35 10 8 8 2 1 7 7 7 6 2 4 8 8 5 9 14 14 19 6 1 24 19 6 during n 220 ELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 1937 cases.	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 226 490
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i	82 35 10 8 8 2 1 7 7 7 6 2 4 8 8 5 9 14 14 19 6 1 24 19 6 during n 220 ELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 1937 cases.	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 226 490
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i	82 35 10 8 2 1 7 7 6 2 4 8 5 9 14 14 24 19 6 1 264 during n 220	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes (1937 cases.	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 226 490
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i D Male Female AGES: 7 years 8 years	82 35 10 8 8 2 1 7 7 7 6 2 4 8 5 9 14 14 24 19 6 11 264 during n 220 ELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes (1937 cases. QUENTS	74 23 5 9 11 10 5 5 4 4 6 1 7 8 8 12 4 4 10 13 6 5 226 490
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i DMale Female AGES: 7 years 8 years 9 years	82 35 10 8 8 2 1 7 7 7 6 2 4 8 5 9 14 14 19 6 1 24 24 24 24 24 24 20 ELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 113 years 14 years 15 years	74 23 5 9 11 10 5 5 4 4 6 1 7 8 8 12 4 4 10 13 6 5 5 226 490
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i Male Female AGES: 7 years 8 years 9 years 10 years	82 35 10 8 8 2 1 7 7 6 2 4 8 8 5 9 14 14 19 6 1 264 during n 220 DELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 1937 cases. QUENTS	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 226 490
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i Male Female AGES: 7 years 8 years 9 years 10 years 11 years	82 35 10 8 2 1 7 7 6 2 4 8 5 9 14 14 24 19 6 1 19 6 1 20 ELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 113 years 14 years 15 years	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 226 490
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i Male Female AGES: 7 years 8 years 9 years 10 years	82 35 10 8 2 1 7 7 6 2 4 8 5 9 14 14 24 19 6 1 19 6 1 20 ELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 1937 cases. QUENTS	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 226 490
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i Male Female AGES: 7 years 8 years 9 years 10 years 11 years 12 years	82 35 10 8 2 1 7 7 6 2 4 8 5 9 14 14 24 19 6 1 19 6 1 20 ELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 1937 cases. QUENTS	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 226 490
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i Male Female AGES: 7 years 8 years 9 years 10 years 11 years 12 years	82 35 10 8 8 2 1 7 7 7 6 2 4 8 8 5 9 14 14 19 6 1 264 during n 220 ELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 1937 cases. QUENTS	74 23 5 9 11 10 5 5 4 6 6 1 7 8 8 8 12 4 10 13 6 5 226 490 3 8 8 123 9 9 11 8 12 8 12 8 12 8 12 8 12 8 12 8
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i Male Female AGES: 7 years 8 years 9 years 10 years 11 years 12 years NATIONALITY:	82 35 10 8 2 1 7 7 6 2 4 8 5 9 14 14 24 19 6 1 264 during n 220 ELING	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 1937 cases. QUENTS 13 years 14 years 15 years 16 years 17 years American Czecho Slovakian	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 226 490 3 85 11 13 6 3 85 12 4 90 10 10 10 10 10 10 10 10 10 10 10 10 10
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i DMale Female AGES: 7 years 8 years 9 years 10 years 11 years 12 years NATIONALITY: Canadian English German	82 35 10 8 8 2 1 7 7 7 6 2 4 8 5 9 14 14 24 19 6 1 264 during n 220 ELING 5 6 18 27 6 6 18 19 10 10 10 10 10 10 10 10 10 10	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes (1937 cases. QUENTS American Czecho Slovakian Irish Czecho Slovakian Irish	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 10 13 6 5 226 490 3 123 97 86
1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes Total number of Wards placed Final order of adoption granted i Male Female AGES: 7 years 8 years 9 years 10 years 11 years 12 years NATIONALITY: Canadian English	82 35 10 8 8 2 1 7 7 7 6 2 4 8 8 5 9 14 14 19 6 1 24 19 6 1 24 24 24 24 24 25 27 6 6 1 7 7 7 7 7 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1	No. of female children born during: 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 Placed in foster homes 1937 cases. QUENTS 13 years 14 years 15 years 16 years 17 years American Czecho Slovakian	74 23 5 9 11 10 5 5 4 6 1 7 8 8 12 4 4 10 13 6 5 226 490 3 12 3 12 3 12 3 12 3 12 3 12 3 12 3 1

RELIGION:			
Anglican	61	Greek Catholic	29
Roman Catholic	129	Protestant	204
United	64	Salvation Army	14
Pentecostal		Christian Church	1
Greek Orthodox		Baptist	10
Presbyterian		Hebrew	6
Lutheran		Latter Day Saints	1
Methodist	1	Mormon	1
OFFENCE:			
Theft	428	Mischief	1
Damage to property		In possession of intoxicating liquor.	3
Indecent assault	2	In possession of concealed weapon	1
Common assault	7	Negligent driving	5 3
Forgery	1	Shot turkeys Interfering with irrigation ditch	3
Trespassing on Indian Reserve	4	Interfering with irrigation ditch	2
Railway By-law	17	Incorrigible	1
In possession of stolen property	8	Tampering with cars	
Arson		Rape	1
Assault and theft		Receiving and retaining stolen pro-	
Shoplifting		perty In possession of skeleton keys	4
Cruelty to animals		In possession of skeleton keys	1
Escaped from custody	1	Begging	1
Alien in possession of firearms	1	Interfering with cars	
In possession of house-breaking in-		Intoxicated	4
strument		Placing explosives on street car	
City By-law		tracks	1
Vagrancy		Indian Act	1
Immorality		Domestic Animals Act	1
Perjury	1		
SENTENCE:			
Fined and costs		To be placed on farm	4
Restitution		Made ward of Supt. of Child Welfare	49
To be whipped with consent of		Industrial School (sentence sus-	
parents		pended)	13
Returned to parents		Industrial School	5
Warned		Adjourned sine die	34
Police Court		Suspended sentence	94
Cautioned		Probation	146
Reprimanded	49		

THE CHILDREN OF UNMARRIED PARENTS ACT

Statistics Under the Above Act for the Year Ending Dec. 31, 1937.

Cases reported to the department, 561.

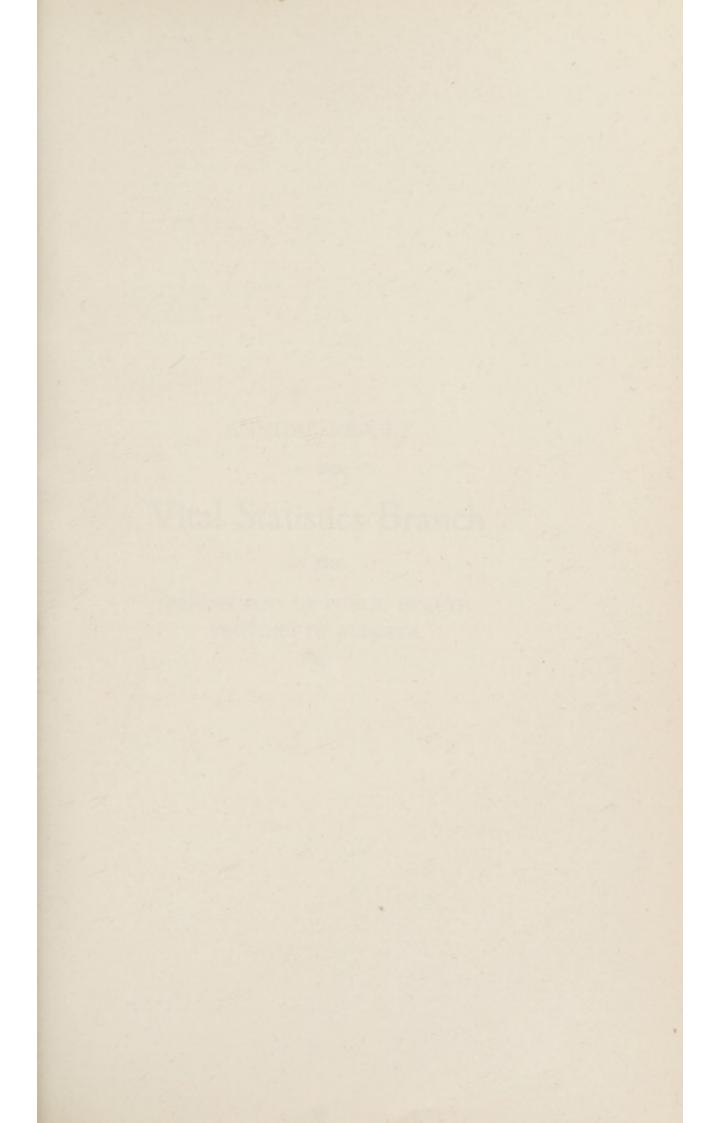
Of these: 313 cases have been closed; 40 were financial cases; 208 still pending.

Of the financial cases: 35 were settled by agreement; 5 were settled by Court Order.

Of the closed cases: 262 mothers requested no action; 6 mothers belonged to other Provinces; 5 mothers married putative fathers; 23 cases dismissed for lack of corroboration; 12 mothers not traced; 3 Indians; 1 putative father died; 1 mother died.

Amount which, by agreement made in 1937, putative fathers have undertaken to pay to the Superintendent (these payments are, in most cases, spread over a period of years):

On cases reported in 1937 On cases reported previous to 1937	\$27,533.85 14,823.65
	\$42,357.50
Affiliation Orders: On cases reported in 1937 On cases reported previous to 1937	\$ 2,894.80 4,533.00
	\$ 7,427.80
Amount received from putative fathers in 1937	\$ 8,701.70



CONTENTS

	Page
Introductory Letter	5
Population Statistics by Divisions	9
Summary of Births, Deaths and Marriages in Alberta	14
Births—By Months	16
Births—Legitimate, Illegitimate and Plural	19
Births—According to Birthplace of Parents	
Births—According to Ages of Parents	22
Births—According to Racial Origin of Parents	24
Births—Non-resident Mothers in Alberta	26
Births—Resident and Non-resident Mothers in Cities	26
Births-Order of Birth-By Age of Mother	27
Deaths of Children—Specified Causes, by Months	28
Infantile Death Rates	29
Deaths of Children—Specified Causes, by Ages	30
Deaths of Children-According to Residence of Decedents	32
Births and Deaths by Municipalities	33
Deaths—Causes by Sex and Age in Whole Province	
Deaths—Causes by Months for Whole Province	
Deaths—Causes by Sex and Age in Edmonton	
Deaths—Causes by Sex and Age in Calgary	
Deaths—Accidental for Whole Province	
Deaths—According to Residence of Decedents	
Deaths—Non-resident in Alberta	109
Deaths—From Selected Causes, Numbers and Rates	110
Marriages—By Months	112
Marriages—By Conjugal Condition	112
Marriages—By Ages	113
Marriages—By Birthplace	114
Marriages—By Religious Denominations	116
Divorces	117
Births—Indian	118
Deaths—Indian Children by Specified Causes	118
Deaths—Indians by Sex and Age	119
Birth, Marriage, Death and other Rates for Various Years	
Deaths and Rates from Puerperal Conditions	126
Summary	127

VITAL STATISTICS BRANCH

(Donald Mackie, Deputy Registrar General)

The outstanding features revealed by the Vital Statistics for the Province of Alberta for the year 1937 show birth and death rates exactly the same as that of the previous year, whilst there is a substantial increase in the marriage rate.

Since the year 1931 the birth rate has been steadily declining, each year constituting a new low record in the history of the Province; the same also applies to Canada as a whole. This year however, the decline has been arrested in Alberta, but not in the Dominion, and although a little comfort may be derived from the Alberta rate, there is little cause for optimism until a general improvement manifests itself in Canada as a whole.

The trend of the Alberta marriage rate is exactly opposite to that of the birth rate. There has been a steady increase annually from the year 1931 to the present year. This also is true of the Dominion rates as a whole.

The death rate from epidemic and contagious diseases is considerably higher than the previous year, and is mainly attributable to the substantial increase in the number of deaths from influenza and measles. There has also been an increase in the number of deaths from poliomyelitis, whilst the rates from scarlet fever and diphtheria have remained stationary. The diseases in this class which register a decline are typhoid fever, whooping cough and pulmonary tuberculosis. It is gratifying to observe that the cancer death rate is lower than the preceding year. This is twice in the last four years that the steady annual increase in this disease has been arrested. Heart disease as usual occupies first place and shows a steady increase, cancer being second and pneumonia third. The number of deaths from violence is less than the previous year, being attributable to the decline in motor car and drowning accidents.

The population of the Province of Alberta for the year 1937 has been estimated at 778,000. All rates in this report have therefore been based on that figure.

BIRTHS

The number of living children born and registered during the year amounted to 15,903, constituting a birth rate of 20.4 per 1,000 population. This is 117 more than the number for the previous year, but is the same rate. Comprising the 15,903 births were 8,027 males and 7,876 females, a ratio of 1,019 males to 1,000 females. This rate is 32 males less than the average for the preceding ten years, and is the lowest record in the history of the Province. There were 410 twins (205 sets) born during the year and 3 triplets (1 set). Illegitimate births numbered 626, and is 19 more than the number for the preceding year, constituting a rate of 3.9 per 100 births.

Of the total births registered, 7,689 occurred in cities and towns of over 1,000 population, 7,332 in the rural districts, and 882 on

Indian reservations. In the four large cities, the births were as follows: Edmonton 2,606, Calgary 1,638, Lethbridge 590, and Medicine Hat 333.

For purposes of comparison, the following are the birth rates for Canada, the Provinces, Great Britain and certain other countries of the world for the year 1937. The greater portion of these rates, as also international rates published in this report, have been taken from the Annual Report of the Registrar General for Scotland.

	BIRTH	RATES	
Canada	19.8	Hungary	19.8
Prince Edward Island	22.4	Netherlands	19.8
Nova Scotia	21.3	Irish Free State	19.2
New Brunswick	24.0	Germany	18.8
Quebec	24.1	Scotland	17.6
Ontario	16.6	New Zealand	17.3
Manitoba	18.0	Czecho Slovakia	17.2
Saskatchewan	19.8	U.S.A.	16.7
ALBERTA	20.4	Norway	15.3
British Columbia	15.0	Switzerland	15.3
Poland	24.9	England and Wales	14.9
Italy	22.7	Sweden	14.3
Northern Ireland	19.8	Austria	12.8

MARRIAGES

There were 6,345 marriages registered during the year. This number is 325 more than that of the previous year, and is 640 more than the average of the five preceding years, and is the largest number of marriages recorded since the inception of the Province. The marriage rate for the year is 8.2 per 1,000 population.

Of the 6,345 marriages, 159 are brides of 16 years of age and under, 1,318 are between the ages of 17 and 19, and 2,970 between the ages of 20 and 24. There were 76 grooms and 30 brides over 60 years of age, 21 of these grooms and 6 of the brides being over 70 years of age. The number of marriages in the four large cities are as follows: Edmonton 1,469, Calgary 1,174, Lethbridge 244, and Medicine Hat 173.

For purposes of comparison, the following are the marriage rates per 1,000 population for Canada, the Provinces, Great Britain and certain other countries of the world for the year 1937:

MA	RRIAGE	RATES	
Canada Prince Edward Island Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan ALBERTA British Columbia New Zealand	7.9 6.3 8.0 8.3 7.9 8.1 8.5 6.2 8.2 8.2 9.5	England and Wales Sweden Italy Czecho Slovakia Norway Poland Scotland Netherlands Switzerland Austria Northern Ireland Irish Free State	8.7 8.6 8.3 8.2 8.0 7.7 7.7 7.2 6.9 6.6 5.1
Hungary	8.8	That Free Diate	0.1

DIVORCES

There were 241 divorces granted by decree absolute during the year, which is 32 more than the number for the previous year, and 67 more than the average of the preceding five years; 102 were granted to husbands and 139 to wives. In addition to the divorces, 5 decrees of nullity were issued.

DEATHS

The deaths of 6,261 persons (including Indians) were registered during the year, of whom 3,661 were males and 2,600 were females.

This number is 114 more than in the previous year, and constitutes a death rate of 8.0, which is the same as the previous year. There were 320 males and 279 females 80 years of age or over at the time of death, while 5 miles and 3 females were centenarians.

For purposes of comparison, the following are the death rates per 1,000 population for Canada, the Provinces, Great Britain and certain other countries of the world for the year 1937:

	DEATH	RATES	
Canada	10.2	Italy	14.0
Prince Edward Island	12.3	Poland	14.0
Nova Scotia	11.2	Scotland	13.9
New Brunswick	12.3	Austria	13.4
Quebec	11.3	Czecho Slovakia	13.3
Ontario	10.4	England and Wales	12.4
Manitoba	8.5	Sweden	12.0
Saskatchewan	7.3	Germany	11.7
ALBERTA	8.0	Switzerland	11.3
British Columbia	10.6	U.S.A.	11.2
Irish Free State	15.3	Norway	10.4
Northern Ireland	15.1	New Zealand	9.1
Hungary	14.1	Netherlands	8.8

Heart disease is still the most frequent cause of death, the rate being 109 per 100,000 population, compared with 103 for the previous year, the whole of the increase occurring in the older age groups. The cancer death rate decreased from 83 per 100,000 population for the previous year to 77 for the present year, there being 43 fewer deaths. Influenza replaced pneumonia for third place, the former accounting for 473 deaths and the latter for 464. Deaths from diseases of the arteries numbered 453 as against 427 in the previous year and 295 in 1933. This disease is rapidly increasing, having risen from a rate of 39 per 100,000 population in 1933 to 58 for the present year. Like heart trouble, it is a disease associated with declining years. The number of deaths from pulmonary tuberculosis was 266, against 295 for the previous year; the trend of this disease is still downwards, the decrease for the current year taking place amongst the Indian population as well as the white. Deaths from violence, excepting suicide, numbered 372, being less than the previous year by 47. The chief cause of this reduction was in the fewer number of deaths caused by motor car accidents and drowning. Motor car accidents dropped from 72 to 55 and drowning accidents from 68 to 53.

In the contagious disease class deaths from measles reached the abnormally high total of 123, being a rate of 16 per 100,000 population. This is a high record in the history of the Province; of the 123 deaths, 89 were whites and 34 were Indians. Other increases over the preceding years were: poliomyelitis from 4 to 13, scarlet fever from 23 to 24, and diphtheria from 9 to 10. There was one death from smallpox, the same as in the previous year. Decreases were recorded in the following diseases: typhoid fever from 20 to 6, and whooping cough from 73 to 49. Deaths from diseases of pregnancy and childbirth were 77, this being 14 less than in the preceding year, and constituting a rate of 4.9 per 1,000 live births.

The following table shows certain principal causes of death during the year. Both the actual number and the rate per 100,000 population of each is given, together with the figures for the four preceding years.

	1937		19	1936		1935		1934		1933	
Causes of Death	Number of Deaths	Rate per 100,000 Population	Number of Deaths	Rate per 100,000 Population	Number of Deaths	Rate per 100,000 Population	Number of Deaths	Rate per 100,000 Population	Number of Deaths	Rate per 100,000 Population	
Diseases of the Heart Cancer Violent Deaths (Suicides excepted) Pneumonia (all forms) Pulmonary Tuberculosis Diseases of the Arteries Influenza Nephritis Appendicitis Cerebral Haemorrhage Diarrhoea and Enteritis Suicides Puerperal Causes Diabetes Mellitus Whooping Cough Diphtheria Measles Typhoid and Paratyphoid Scarlet Fever Poliomyelitis	849 598 372 464 266 453 473 240 108 101 77 70 49 10 123 6 24 13	109 77 48 59 34 58 61 31 14 13 15 13 10 9 6 1 16	801 640 419 440 294 427 340 190 155 105 124 87 91 70 73 9 25 20 23 4	103 82 54 57 38 55 44 24 20 13 16 11 11 11 9 9	826 622 393 450 266 404 194 156 113 88 84 69 71 43 8 27	105 79 50 57 34 51 24 24 20 14 11 11 9 5 1 3 1	835 572 382 312 262 305 141 196 131 140 108 106 81 69 52 8 1	108 74 49 41 39 18 25 18 14 14 11 11	749 590 378 327 305 295 223 104 130 127 116 85 73 57 55 6 6	99 78 50 43 40 37 29 26 17 17 15 11 10 8 7	

The foregoing list comprises 4,513 deaths and amounts to 72.1 of the total deaths for the year.

INFANT DEATHS

The deaths of children under one year of age numbered 994, as against 940 for the previous year. The rate per 1,000 births is 63 as compared with 60 for the year 1936, and is a rate of 5 more than the average of the preceding five years. This increase in the number of infant deaths is attributable to the prevalence of two diseases, measles and influenza. There were 29 more deaths from measles and 51 more from influenza than in the preceding year; whooping cough however, was responsible for 19 fewer deaths.

The following table gives, for the purposes of comparison, the infantile mortality rates per 1,000 births for Canada, the Provinces, Great Britain and certain other countries of the world for the year 1937:

INFANT MORTALIT	TY RATES PER 1,000 BIRTHS	
	76 Hungary 13	35
Prince Edward Island		22
Nova Scotia		10
New Brunswick 1	01 Scotland	80
Quebec 1	.00 Northern Ireland	77
Ontario	55 Irish Free State	72
		64
	66 England and Wales	57
ALBERTA	63 U.S.A.	54
British Columbia	56 Netherlands :	38
		31

Deaths by suicide numbered 101, being 14 more than in the previous year. Investigation reveals the fact that the chief cause of these suicides is financial difficulties.

Stillbirths numbered 355, being 21 less than the number for the previous year.

DIVISIONS OF ALBERTA FOR CENSUS AND VITAL STATISTICS PURPOSES

As the Province of Alberta is not divided into Counties, and the political divisions are not permanently fixed, it has been found advisable to use as smaller areas, the Dominion Census Divisions.

These Divisions are fixed, and as the population increases, may be subdivided without destroying their value for purposes of Vital Statistic comparison with preceding years.

The following table shows these Census areas divided into Municipalities, Local Improvement Districts, Cities, Towns and Villages with the 1936 and 1931 official Division population figures.

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNI-CIPALITIES FOR CENSUS YEARS, 1936 AND 1931

Census Divisions and Municipalities	Population		Census Divisions and	Popul	lation
	1936	1931	Municipalities	1936	1931
Province	772,782	731,605	Division No. 2—Continued:		
Division No. 1: Medicine Hat	29,699	28,849	Towns—Continued: Coleman	2.129	1.70
1 L.I.D.	93		Diamond City	143	119
2 L.I.D.	162	128	Granum	255	329
3 L.I.D.	172	152	Macleod	1.365	1,44
4 L.I.D.	555 1,251	526 1.097	Magrath Cook	1,217	1.02
5 L.I.D.	643	678	Pincher Creek	2.094	1.84
31 L.I.D.	64	38	Raymond Villages:	2,054	1,04
32 L.I.D.	592			255	25
33 Flowery Plains	533	477	Coalhurst	774	953
34 Burlington	958	793	Cowley	141	15
35 L.I.D.	430	307	Frank	258	26
36 Warner	1,305	1,214	Monarch	103	117
61 L.I.D.	821 716	808 684	Pincher City	38 392	37
62 L.I.D. 63 L.I.D.	625	570	Stirling	332	31
64 Forty Mile	4 4 40	1.060	Division No. 3: Bow	14,710	15,06
65 Eureka	1,190		96 McLean	1,234	71
66 L.I.D.	2,549	2,082	121 L.I.D.	2,785	45
91 L.I.D.		1.115	122 L.I.D. Pt. Jubilee	2,020	
92 Excelsior		905	123 Pt. Bow Slope	4,416	20
93 L.I.D.	890	852 605	125 L.I.D.	435 914	71
94 Bow Island	614	600	127 Pt. Clifton	314	40.00
Medicine Hat	9.592	10.300	Bassano	574	61
Towns:	0,002	20,000	Brooks	697	70
Bow Island	308	314	Redcliffe	990	1,19
Irvine	278	234	Villages:		
Taber	1,341	1,279	Duchess	150	11
Villages:	90	121	Empress Enchant	303 83	31
Burdett Milk River	326		Enchant Jenner	49	6
Warner	309	342	Retlaw	60	8
Division No. 2: Macleod	57,499		Division No. 4: Nanton	28,285	29,06
7 L.I.D.	330	369	97 L.I.D.	2.933	2.25
8 L.I.D.	W 40.00 4	1.474	98 Little Bow	1,526	1,58
9 L.I.D.		1,580	127 Clifton Pt.		
10 Cochrane	1,613		128 Harmony	1,052	1.15
37 Sugar City		1,993	129 Clear Lake	2,021	2,23
38 L.I.D.	1,176	1.276	130 L.I.D. 131 L.I.D.	38	4
39 Kerr 40 Castle River		540	157 Marquis	1,773	1.92
67 L.I.D.	4.635		158 Royal	1,580	1,75
68 L.I.D.	2,467		159 Riley	1.834	1,95
69 Bright	1,198	1.442	160 L.I.D.	676	38
70 Livingstone	1,466		161 L.I.D.	43	1 00
71 L.I.D.	4,369		189 Dinton	1.887	1,99
99 Argyle			190 Sheep Creek	2.957	2.90
100 L.I.D.	10 100 100	677 192	191 Stockland 192 L.I.D.	9	2,00
Indian Reserves	1,991		Unorganized parts	4	
Cities:	19 500	19 400	Towns:	1.359	1.45
Lethbridge	13,523	13,489	High River	mani	73
Towns: Blairmore	1.682	1.629	Okotoks	571	76
Cardston			Stavely		30
Claresholm					80

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNI-CIPALITIES FOR CENSUS YEARS, 1936 AND 1931—Continued

Census Divisions and	Population		Census Divisions and	Population	
Municipalities	1936	1931	Municipalities	1936	1931
Division No. 4—Continued:			Division No. 6—Continued:		
Villages:	3000		Olds		1,056
Arrowwood	100.00 4		Strathmore		523
Barons Black Diamond		284 683	Three Hills	659	581
Blackie Blandid			Acme	291	234
Carmangay			Airdrie		198
Cayley	135	127	Albert Park		44100
Champion	328				230
Lomond					353
Milo Nobleford	440	135 143			387
Nobleford Turner Valley			Cluny Cochrane		293
Turies viney			Crossfield		321
Division No. 5: Acadia	21,391	26,651	Forest Lawn		
122 Pt. Jubilee			Hussar		151
214 Berry Creek			Irricana		161
241 Acadia			Langdon	101	83
242 Cereal 243 Collholme			Newcastle Rockyford		304 194
271 Bertawan	0.00		Rosebud		101
272 Golden Centre		7.000	Standard		218
273 Sounding Creek		740	Swalwell	112	95
274 Richdale	536		Trochu	464	50€
275 Hand Hills		1,189	Dist. N D		
276 Pt. L.I.D.			Division No. 7: Battle River	37,647	38,106
277 Michichi 301 Canmer			305 Pt. Dowling Lake 331 L.I.D.	1.069	1.180
302 Stewart	amo.		332 L.I.D.	806	1.015
303 Wiste		1.199	333 L.I.D.	1.130	1,255
304 Hiram	539	796	334 Coronation	1.941	2.022
305 Dowling Lake			361 Rosenheim		1.744
306 Lambton			362 Hillcrest		1,200
307 Starland	1,297	1,446	363 Stocks		1,186
Towns: Hanna	1,405	1.490	364 Flagstaff 365 Progress	1,796	1.683
Youngstown		372	391 Sifton	1.477	1.475
Villages:			392 Vale	1.044	958
Cereal		185	393 Huamha	1.275	1,233
Chinook		176	394 Asquith		1,205
Craigmyle		236	395 Wheatland	1,809	1.819
Delia Morrin		286 149	421 Ribstone 422 Gilt Edge	1,644	1,452
Munson			123 Battle River	1,530	1,466
Oyen			124 Kinsella		1.237
Richdale			425 Stirling	2,049	1,925
Rumsey	81	83	455 Iron Creek	2,270	2,121
Division No. 6: Calgary	141 906	140 624	Towns: Castor	592	634
123 Pt. Bow Slope	547	140,024	Castor Coronation	605	738
217 L.I.D.		794	Hardisty	524	428
218 Blackfoot	1,528	1.590	Wainwright		1,147
219 Bow Valley	1,738	1.679	Villages:		
220 Shepard	2,057	3,048	Alliance		260
221 Springbank	2,539	2,166 438	Cadogan		128 269
222 L.I.D. 247 L.I.D.		1.073	Chauvin Compeer		94
248 Grasswold		1,448	Consort	252	299
249 Keoma		1.525	Czar		140
250 Beddington		2,272	Edgerton	222	189
251 L.I.D.		1.427	Forestburg	226	291
252 L.I.D.	350	277	Galahad	152	150
276 L.I.D. Pt.		E 20E	Hughenden	203	191
278 Carbon 279 Norquay		5,365 2,170	Irma Killam	240 329	196 326
280 Rosebud		2.177	Lougheed	The second second	218
281 Beaver Dam		1,926	Monitor	99	137
282 L.I.D.	953	593	Provost	490	533
308 Ghost Pine		2.129	Sedgewick		338
309 Stauffer	2.327	2.027	Strome	210	172
310 Mountain View		2,506 2,420	Veteran Viking	180 480	180 492
Unorganized Parts		2,420	Viking	400	492
Indian Reserves		2,109	Division No. 8: Red Deer	65,439	61,016
Banff		2.519	336 Success	1.427	1,705
Cities:			337 Vimy	1.015	1,074
Calgary		83,761	338 Hays	2.736	2,364
Drumheller	2,912	2,987	339 Pine Lake	2,442	2,098
Towns:	1000	-	340 Arthur	2,487	2,177
Didsbury	846		366 Dublin	1,322	

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNI-CIPALITIES FOR CENSUS YEARS, 1936 AND 1931—Continued

Census Divisions and	Population		Census Divisions and	Population		
Municipalities	1936	1931	Municipalities	1936	1931	
Division No. 8—Continued:			Division No. 10: Victoria	61,358	58,04	
396 Haig	1,572	1,486	451 Merton	1.948	1.79	
397 Lakeside	1.615	1,622	452 Grizzly Bear	1,553	1,39	
398 Lamerton	2,600 4,105	2,205	453 Buffalo Coulee 454 Lakeview		1.29	
399 Crown 426 Melrose	2.874	2.537	481 Wellington		1.52	
127 Evergreen	2,788	2,592	482 Vermilion Valley	2.052	1.84	
128 Waterglen	1.510	1,386	483 Melberta	2.019	1.99	
129 Fertile Valley	4.512 2.858	3,856	484 Birch Lake 485 Patricia		2.31	
156 Parkland 157 Lloyd George	2,973	2,791	486 Beaver Lake	2,284	2,11 3.02	
158 Montgomery	3,553	3,329	511 Streamstown	2.641	2.25	
59 Bigstone	3,452	2.807	512 Ethelwyn 513 Ukrainia	3.302	3,03	
Indian Reserves Cities:	1,199	1,191	514 Sobor		3,24	
Red Deer	2.384	2.344	515 Norma	3.301	3.20	
Wetaskiwin	2,058	2,125	516 The Pines	3.702	3.46	
Towns:	359	455	545 Eagle 546 Wostok	4.255 4.733	4,10	
Big Valley Camrose	2.263	2,258	547 Leslie	3.666	4,58	
Daysland	366	404	Towns:	1	0,11	
Innisfail	1,124	1,024	Lloydminster Pt.	498	53	
Lacombe Ponoka	1,414	1,259 836	Vegreville Vermilion	1.672	1.65	
Stettler	1,202	1,219		1,231	1,61	
Villages:			Andrew		11	
Alix	333	241	Bruderheim		28	
Bashaw Bawlf	423 236	385 183	Chipman Derwent		28	
Bittern Lake	7.00	47	Holden		23	
Blackfalds	105	84	Innisfree		23	
Botha	98	107	Islay		14	
Clive Delburne	242 236	215 193			28 50	
Donalda	182	169			15	
Edbérg	110	131	Mannville	370	30	
Elnora		153			11	
Erskine Ferintosh		174 161			83	
Gadsby		144			12	
Halkirk		160			23	
Heisler Millet		125 300	WEST TO THE PARTY OF THE PARTY		14	
Mirror		534	Willingdon	000	-	
New Norway	177		Division No. 11: Edmonton			
Ohaton	46	69 125				
Penhold	94	120	488 Black Mud 489 Liberty			
Division No. 9: Rocky Moun-			190 Pioneer	0.000		
tain House			491 L.I.D.	1,226	90	
312 Waterloo			517 Clover Bar 518 Strathcona		3.5	
341 Poplar Grove 342 Raven			519 Spruce Grove		3.45	
343 Prairie Creek	846	610	520 Inga	3,096	2.8	
344 L.I.D.	74		521 Tomahawk			
371 Golden West		2,284	548 Sturgeon 549 Ray		4.3	
401 Lochearn	0.000	2,221	550 Woodford	2,960		
403 L.I.D.	363	347	551 Morthen			
430 Blindman		1,376		954	3	
431 Last West		1,074		85,774	79.1	
433 L.I.D.	2 12 1	24		00,111	1	
434 L.I.D.		366				
460 Columbia 461 L.I.D.		712				
461 L.I.D. 462 L.I.D.		101				
463 L.I.D.	90		St. Albert	811	8	
466 L.I.D.			Stoney Plain	499		
Unorganized Parts		2,895 249		544	4	
Indian Reserves Jasper	1 4 555			57		
Villages:			Hay Lakes	156	1	
Bentley						
Bowden Eckville						
North Red Deer				100	1	
Rimbey	0.00		Division No. 12: Edson	16,024	13,8	
Rocky Mountain House	652		466 L.I.D. pt.	1,704		

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNICIPALITIES FOR CENSUS YEARS, 1936 AND 1931—Continued

	Population			Population	
Census Divisions and Municipalities	1936	1931	Census Divisions and Municipalities	1936	1931
Division No. 12—Continued: 522 Rocky Rapids 523 L.I.D.	1,728	1,148		396 86	274
525 L.I.D.	24	24	728 T. 71-74, R. 22-24, W. 4.		
526 L.I.D. 527 L.I.D.	136		The state of the s	26 218	120
552 Pembina	2,431	2.041	Indian Reserves	21	******
553 L.I.D. 554 L.I.D.	1,037	728 685		608	573
555 L.I.D.	733	655	Villages:		999
556 L.I.D.	240 59	274 57		307 153	222 186
582 Kitchener	2,478	2,340	Lac La Biche	. 410	313
583 L.I.D. 584 L.I.D.	759 574	654 543		394 428	350 366
612 L.I.D.	472	341	Westlock	507	536
Territorial Units 615, 585 Unorganized Parts	18	1,133	Waskatenau	241	******
Towns:			Division No. 15: Clearwater	15,739	13,664
EdsonVillages:	1,600	1,547	613 L.I.D. 641 L.I.D.	182 804	53 543
Entwistle	150	189	642 L.I.D.	22	9
Mayerthorpe	209	159	705 L.I.D. 706 L.I.D.	292	24 270
Division No. 13: Beaver R.	30,602	24,936		209	141
541 L.I.D.	910		708 L.I.D.	84	25
542 Lincoln 543 Laurier	1,249	933 2,646		31 82	42 78
544 Champlain	2,399	2.257	730 L.I.D.	156	175
571 L.I.D. 572 Bonnyville	1.859	1.419	731 L.I.D. 732 L.I.D.	431 670	363 578
573 St. Vincent	2,951	2,554	733 L.I.D.	678	504
574 St. Lina	1,146	3.756	734 L.I.D. 735 L.I.D.	112	149 147
601 L.I.D.	1,195	760		56	41
602 L.I.D. 603 L.I.D.	1,567	1,105 615	737 L.I.D. 738 L.I.D.	621	23 414
603 L.I.D. 604 L.I.D.	640	497	738 L.I.D. 764 L.I.D.	1,420	1,333
605 Ashmont 631 L.I.D.	1,814 951	1.616 677	765 L.I.D. 766 L.I.D.	1,176 534	1,101 503
631 L.I.D. 633 L.I.D.	44	82		84	24
634 L.I.D.	255	186	794 L.I.D.	180	141
635 L.I.D. 663 L.I.D.	915	568	795 L.I.D. 796 L.I.D.	2.791	648 2,408
664 L.I.D.	22	13	924 L.I.D.	18	10
666 L.I.D. 695 L.I.D.	545 308	320 218	325 L.I.D. 326 L.I.D.	251 764	215 891
Territorial Units 632, 661	1 720	1.514	855 L.I.D.	577	477
Indian Reserves Villages:	1,720	1,514	Territorial Units 622, 670, 676, 677, 678, 679 and un-		
Bellis	127	117	organized parts	148	47
Bonnyville St. Paul	433 950	362 938	Indian Reserves Towns:	963	909
Vilna	253	151	Grouard	185	261
Division No. 14: Sturgeon	45,790	39,508	Peace RiverVillages:	883	864
576 Smoky Lake	4,319	4,268	Falher	284	253
577 Unity 578 Opal	4,871 3,318	4.919 3.286	Division No. 16: Peace River	29,204	27,945
579 Hazelwood	3.627	3,438	739 Grande Prairie	2.388	2.389
580 Lockerbie 581 Pershing	2,845	2,444	740 Bear Lake 741 L.I.D.	2,815 1,599	2,683 1,566
606 L.I.D.	148	131	742 L.I.D.	466	460
607 L.I.D. 608 Tawatinaw	1.828	887 8.147	769 L.I.D. 770 L.I.D.	981	514 871
609 Pibroch	2.380	2,210	771 L.I.D.	1,850	1.730
610 Shoal Creek 611 L.I.D.	2,553	2,095	772 L.I.D. 797 L.I.D.	1,193	1.358
636 L.I.D.	540	217	800 L.I.D.	336	296
637 Cartier 638 Nelson	1,413	1,273	801 L.I.D. 827 L.I.D.	173 126	167 161
639 L.I.D.	848	- 757	828 L.I.D.	633	381
640 L.I.D. 665 L.I.D.	953 1,151	1.130	829 Spirit River 830 L.I.D.	1.890	1,800 738
667 L.I.D.	1.622	1,342	831 L.I.D.	520	487
668 Grosmont 669 L.I.D.	805 506	886 79	857 Peace 858 Fairview	2,155	1.990 2.264
696 L.I.D.	212	144	859 L.L.D.	705	519
697 L.I.D. 698 L.I.D.	572 34	499	886 L.I.D. 887 L.I.D.	497 744	508 525
699 L.I.D.	459		887 L.I.D. 888 L.I.D.	597	581

POPULATION OF CENSUS DIVISIONS OF ALBERTA CLASSIFIED BY MUNI-CIPALITIES FOR CENSUS YEARS, 1936 AND 1931—Continued

Census Divisions and Municipalities	Population		Census Divisions and	Population	
	1936	1931	Municipalities	1936	1931
Division No. 16—Continued:		405	Division No. 16—Continued:	200	0.00
889 L.I.D.	574	425 34	Fairview	393	260 137
890 L.I.D.	114	77	Grimshaw Hythe	129 260	278
oie T T D	237	231	Commodéle	298	304
017 T T T	338	298	Culuit Discou	234	232
The aurent lead Doute	220	72	Wombley	173	183
Indian Reserves	83	1.068	weinbiey	110	200
Towns:	00	2,000	Division No. 17: Athabasca	8,713	5,788
Grande Prairie	1.478	1.464	The second secon	.,,,,,,,	-,
Villages:	2,210	2,202	comprising northern parts	5.465	4.312
Beaver Lodge	203	211	Indian Reserves	3,248	1,47€
Clairmont	104	110			

TABLE 1.—GENERAL SUMMARY OF BIRTHS, DEATHS AND MARRIAGES IN THE PROVINCE OF ALBERTA BY DIVISIONS, CITIES TOWNS AND VILLAGES OF 1,000 POPULATION AND OVER, 1937

1	sədei	Mari	6345 2514 2518 2518 218 218 219 2101 2101 2254 2254 2254 2254 2254 232 63	1469 1469 173 93 48	28 118 40 40 40 40 40 40 40 40 40 40 40 40 40
	sıltılıs	IIIIIS	355 355 355 355 355 355 355 355 355 355	00 11 11 14 11 14	H04H H
	ars	ĮŦ,	2002 148 148 252 252 204 204 204 204 204 204 204 204 204 20	375	2400000
	5 years and over	M.	2904 238 358 362 362 362 362 362 362 362 363 362 363 363	3238855	111 6 128
	years	Ei,	25. 21. 21. 22. 22. 22. 23. 23. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25	22.0	2011
	1-4 3	M.	8484 148888888888	2022	- N N
DEATHS	Under 1 year	E.	824 824 821 821 821 821 821 821 821 821 821 821	1418000000	्लक्षाता
DI	Uno 1 y	M.	88 34 10 10 8 8 3 2 8 8 8 2 8 8 8 8 8 8 8 8 8 8 8 8	100 104 66 4 66 4 66 4 66 4 66 4 66 4 66	-040-0
No. No.		14	260 1999 1999 179 179 179 179 179 179 179 1	26 20 20 20 20 20 20 20 20 20 20 20 20 20	808888
NOTION OF THE PROPERTY OF THE	All Ages	M.	3661 1366 1367 1379 1507 1607 1744 1144 1174 1174 1174 1174 1174 11	633 101 101 101 101 101 101	1512 8 152 6
1,000 1	A	Total	6261 235 235 80 1286 1286 1377 1311 1311 1317 1317 1317 1317 131	1083 1083 187 164 50 67	34 34 21 23 23
5	Still-	E.	7876 2876 2876 6855 1142 1142 1142 1142 1142 1143 1143 1143	1328 1328 1328 164 164 164	11 83 83 83 86 86
S S S S S S S S S S S S S S S S S S S		M.	8027 2775 2775 1139 1143 1108 1307 3307 1468 493 468 233 146 146 146 146 146 146 146 146 146 146	1278 309 309 169 78	14 74 31 31 40
-	Births (Exclusive of births)	Total	15903 15903 1426 1426 1393 1199 1298 1298 1298 1298 1298 1298 1298	2606 2806 530 333 146 180	135 137 137 137 137 137 137 137 137 137 137
THE CHAPTER AND THE CHAPTER AN	Divisions, Cities, Towns and Villages		DIVISIONS Division No. 1 Division No. 2 Division No. 3 Division No. 4 Division No. 6 Division No. 6 Division No. 10 Division No. 11 Division No. 12 Division No. 13 Division No. 14 Division No. 15 Division No. 16 Division No. 17 CITIES:	Drumheller Edmonton Lethbridge Medicine Hat Red Deer Wetaskiwin	TOWNS: Blairmore Camrose Cardston Claresholm Coleman Edson

252 252 271 252 253 253 253 253 253 253 253 253 253
100HOH 4H 10 6F
61-518 62 53 95 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
27 113 113 113 114 124 124 124 124 124 124 124 124 124
HH
8
100H00HH H 10 4H
ाष्ट्रण स्थान विष्युष्ट विष्युष्ट विष्युष्ट विष्युष्ट विष्युष्ट विष्युष्ट विष्युष्ट विष्युष्ट
25 121 121 121 131 101 111 111 111 111 111 111 111 11
1 20 23 34 6 1 1 2 2 2 5 5 3 3 4 6 5 3 3 4 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
288 288 288 288 288 288 288 288 288 288
268826112821888888
888 888 888 888 888 888 888 888 888 88
187 177 178 188 188 198 198 198 113 113 114 117 117
THE CONTRACT OF THE CONTRACT OF
Grande Prairie Hanna High River Innisfail Lacombe Macleod Magrath Olds Ponoka Raymond Stetler Taber Vegreville Vermilion Wainwright TLLAGE: Newcastle
NEL WYCERPRO

TABLE 2.—BIRTHS (EXCLUSIVE OF STILLBIRTHS) BY MONTHS, CLASSIFIED AS RURAL AND URBAN, BY DIVISIONS IN ALBERTA, 1937

	November	1224 613 611	445 115 115 111 111 111 111 111 111 111	26 104 40 670 670 670 670 670 670 670 670 670 67	29 24 24	20 14 14 14 14 9	88913
	October	1274 659 615					
	September	1378 697 681	2588	137 44 44 58 58 58 58 58 58 58 58 58 58 58 58 58	28.88	1001	16
	4su8uA	1388 698 690	9988	128 444 844 844 1143 1143 1143 11	222	22.2	171 88 88
MONTHS	ngl	1373 686 687	2222	124 333 912 122 122 124 8	50.50	18844	127
MC	əunr	1365 681 684	26 26 25 1	251 101 471 471 471 471 471	19	30 14 14	51 - 44
	May	1421 723 698	4188	108 144 113 124 145 145 145 145 145 145 145 145 145 14	17	8222	10 10 10
	lingA	1440 776 664	14122	138 84 85 85 121 121 121 121 121 121 121 121 121 12	22	17	171
	Матсћ	1388 758 630	22 22 24 24 24 24 24 24 24 24 24 24 24 2	254 84 84 85 85 85 85 85 85 85 85 85 85 85 85 85	22.23	16	24 6 18 18
	February	1177 639 538	45858 E	11188	20	52 6 15 15	010
	January	1226 626 600	49 17 33 31 1	103 883 643 643 643 643 643 643 643 643 643 64	18	8144	14
	Total	15903 8213 7690	530 186 344 333 11	1426 4774 9522 530 531 531 532 533 533 533 533 533 533 533 533 533	282	285 1191 94	199 82 117 117
	MONTHS	ALBERTA Rural Urban	DIVISION NO. 1—MEDICINE HAT Rural Urban City of Medicine Hat Town of Taber	BIVISION No. 2—MACLEOD Rural Urban City of Lethbridge Town of Blairmore Cardston Claresholm Coleman Macleod Magrath Raymond	DIVISION No. 3—BOW Rural	DIVISION No. 4—NANTON Rural Urban Town of High River	DIVISION No. 5—ACADIA Rural Urban Town of Hanna

210 1447 1433 1433 1123 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	200	000 000 000 000 000 000 000 000 000 00	28 28 124 174 174	249 58 191 191	122	88	22.
202 477 1126 23 6	51	11 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	NN 88820	262 45 217 217	41 0 4 4	62	11.1
191 148 1122 20 20 6	10 00 00	140 20 113 123 124 127 127 129	36 36 121 80 41 19 22	258 205 205 205	17	99	74
235 180 121 121 121 131 131 131	6 6	124 36 88 88 88 115 124 117 117 118	128 32 12 23 23 23 23 23 23 23 23 23 23 23 23 23	266 53 213 213	10 4 6 6	70	93
240 140 29 9 9 55 150 140	900	34 34 34 18 18 12 12 10 6	38 33 124 122 112 123	280 46 234 234	20 14 6	88	87
219 43 143 24 9 9	800	110 73 73 123 171 171 171 171 171 171 171 171 171 17	27 27 20 30 30 11 13	296 251 251	200	50 E	888
216 46 170 145 16 9	66.44	468 688 112 171 171 171 171 171 171 171 171 171	44 55825	271 52 219 219	112	13	99
256 68 188 152 25 11 	9000	132 40 92 12 11 17 17 13 13 13 13	40 40 115 88 88 27 116 116	290 63 227 227	133 169	50.00	20.00
255 190 161 24 5 5 65 65 65 65 65 65 65 65 65 65 65 65	66.00	118 68 68 68 68 68 68 68 68 68 68 68 68 68	49 49 17 18 18 18 18 18	279 220 220	242.8	96	11
217 165 133 21 10 10 1	49 0	106 449 110 111 111 111 111 111 111 111 111 11	45 45 103 118 118 118	273 54 219 219	15 9 9 9 9	88 88	102
177 47 103 24 3 3 52	1200	104 44 10 10 10 10 10 10 10 10 10 10 10 10 10	33 88 83 17 88 83 83 83 83 83 83 83 83 83 83 83 84 84 84 84 84 84 84 84 84 84 84 84 84	38 183 183	3 9 5 5	8.44	122
193 149 125 188 18 6 6	14 9 9 14 9 9	100 33 100 100 100 100 100 100 100 100 1	120 120 121 121 121	273 46 227 227	NN co	100	89
2611 619 1638 1638 259 94 1	230	1393 498 895 146 1170 170 170 170 170 170 170 170 170 17	433 433 1298 945 353 133 133	3218 612 2606 2606	266 187 79 79	902	096
Bural Urban Urban City of Calgary City of Calgary Drumheller Town of Olds Village of Newcastle	Rural Urban Town of Wainwright	BIVISION No. 8—RED DEER Rural Urban City of Red Deer Vetaskiwin Town of Camrose Innisfail Lacombe Ponoka Stettler	DIVISION No. 9—ROCKY MOUNTAIN HOUSE Rural Rural Urban Urban Vermillion	DIVISION No. 11—EDMONTON Rural Urban City of Edmonton	DIVISION No. 12—EDSON Rural Urban Town of Edson	DIVISION No. 13—BEAVER RIVER Rural	DIVISION No. 14—STURGEON Rural

TABLE 2.—BIRTHS (EXCLUSIVE OF STILLBIRTHS) BL MONTHS, CLASSIFIED AS RURAL AND URBAN, BY DIVISIONS, ALBERTA, 1937—Continued

Total Total 440 440 440 377 440 440 377 440 440	29 33 34 34 34 34 34 34 34 34 34 34 34 34	Monuary 11	Morch 29 37 46 33 40 August 29 30 30 46 33 33 August 29 30 30 30 August 29 31 15 46 33 33 August 29 32 15 56 39 30 September 29 32 16 56 39 30 September 20 21 15 56 39 30 September 20 22 15 16 56 39 30 September 20 22 16 56 39 30 September 20 22 16 56 39 30 September 20 22 16 56 39 30 September	MONTHS 11
29 15 18 18 18 20 21 18 18 18 20 21 18 20 21 18 20 21 18 20 21 18 20 21 18 20 21 18 20 21 18 20 21 18 20 21 18 20 21 18 20 21 18 20 21 18 20 21 21 21 21 21 21 21 21 21 21 21 21 21	29 525 88 33 August Months May May 111 46 33 33 August May 212 112 46 33 33 August May 223 88 35 44 44 August May 234 88 45 33 August May 245 88 35 44 44 August May May May May May May May Ma	29 33 8 8 33 Auly 29 33 8 8 8 33 Auly 29 15 18 8 8 8 33 Auly 20 21 18 8 8 8 33 Auly 21 22 23 8 8 33 Auly 22 24 25 35 39 30 August 23 25 26 33 33 Auly 24 25 33 34 34 34 34 Auly 25 26 8 8 33 Auly 26 33 34 34 34 Auly 27 28 8 8 35 34 Auly 28 8 8 35 34 Auly 29 15 18 8 8 8 35 Auly 20 20 30 30 August 20 30 30 August 20 30 30 August 20 30 30 August 20 40 August 20 50 August	29 33 34 34 34 34 34 34 34 34 34 34 34 34	29 33 45 33 August 29 30 21 15 18 8 8 8 16 16 16 16 16 16 16 17 18 18 8 8 8 16 16 16 16 16 16 16 16 16 16 16 16 16
March March March March March March March March March May	Morch March March Morth May	March Months March March May	March Month March Month March March March March March March May March May May May May May May May Ma	Morember Morember Movember
Morill Aprill May	Month April May Month 18 18 18 18 18 18 18 18 18 18 18 18 18	MONTHS Month May May 18 18 46 33 May July 21 15 18 8 354 22 8 8 354 May July 22 8 8 8 16 23 32 May July 24 34 34 34 July 25 8 8 354 31 16 6 32 September	Movies 18	MONTHS MONTHS
May	Mov May May May Mult St. 39 28 28 28 28 28 28 28 28 28 28 28 28 28	Mont May May May 155 88 833 34 344 August September 151 88 835 34 345 16 32 32 32 32 32 32 32 32 32 32 32 32 32	May	MONTHS MONTHS
MONTH SEE 338 188 28 28 28 28 28 28 28 28 28 28 28 28 2	MONTHS 28 28 28 28 28 28 28 28 28 28 28 28 28	MONTHS 28 8 33 3 4 34 34 34 34 34 34 34 34 34 34 34	MONTHS 33 June 34 34 34 34 34 34 32 33 September 35 88 83 35 35 September 37 16 66 33 35 September 37 16 16 56 39 September 37 16 16 56 39 September	MONTHS 33 34 34 34 34 34 34 34 34 35 39 38 34 34 35 39 38 34 34 35 39 38 36 39 38 39 39 39 39 39 39 39 39 39 39 39 39 39
28 83 83 82 82 82 82 83 82 82 83 83 82 83 83 83 83 83 83 83 83 83 83 83 83 83	28 828 838 028 Vlut 22 238 838 838 Sign 2 23 248 838	28 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	22 18 24 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35	20 S S S S S S S S S S S S S S S S S S S
SH Vint EE SHoom NN	tauguA and	August 2455 22	Hangus August September Se	33. 1646 33. September Septe
	psuguA 25 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	September	September Septem	September Septem

TABLE 3.—BIRTHS (EXCLUSIVE OF STILLBIRTHS) CLASSIFIED AS LEGITIMATE OR ILLEGITIMATE FOR THE PROVINCE AND IN CITIES OF 5.000
POPULATION AND OVER, 1937

-		Total Births			Legitimate			Illegitimate		
Province and Cities	Total	Male	Female	Total	Male	Female	Total	Male	Female	
TOTAL FOR THE PROVINCE	15903	8027	7876	15277	7716	7561	626	311	315	
CITIES:										
Calgary	1638	832	806	1525	778	747	113	54	59	
Edmonton Lethbridge		1278	1328	2359	1153	1206	247	125	122	
		309	281	583	303	280	7	6	1	
Medicine Hat	333	169	164	323	163	160	10	6	4	

TABLE 4.—PLURAL BIRTHS CLASSIFIED TO SHOW THE NUMBER OF CHILDREN BORN ALIVE AND STILLBORN BY SEX, IN ALBERTA, 1937

Classification of Births	Total
CASES OF TWINS	205
Two males (both living)	65
One male and one female (both living)	
Two females (both living) One male living and one male stillborn	56 5 4 3 1
One male living and one female stillborn	4
One female living and one female stillborn	3
One male and one female (both stillborn)	1
Two females (both stillborn)	. 3
CACEC OF TRIDI PTC	1 .
CASES OF TRIPLETS One male and two females (all living)	1
One mate and two remates (an aving)	-
Total multiple confinements Number	206
Male	
Female	199
Fotal single live births Number	15510
Male	
Female	
remaie	
Fotal single stillbirths Number	
Total single stillbirths Number Male	
Total single stillbirths Number	

-
193
A.
RT
BEI
E
Z
H
TS
EN
AR
OF PARENTS,
OF
S
ACES
- 4
BIRTHPI
3T
BII
0
T
NC
9
OF
CCORDING
4
SIFIED
H
SS
SE
-
HS
RT
BI
H
ST
)F
53
M
US
CLI
EXC
S
BIRTHS
IR,
PB
ro.
LE
ABLE
H

Total	11		1	Various Not Specified	0 0	111111	14	84
Total Tiles State			s			187 24 47 8	60 H 61	3323985200
Total To				Other			111	
Total To			Asia	ueder				
Canada C	2		-	China		1111		11111111
Total Triple Tri	1			Other			111	8
Totall 1988 1998	974			Sweden			111	
Total 1888 1898	TOP I			Russia				
Canada Canada	4			Roumania		1111	III	
Canada A 2227				Poland				and the second s
Canada A 22	2			Norway				
Total To			9	Italy		888		
Total To			irop	Hungary	10 11 1001		1111	201
Tire of the control o	5		E	Holland	2	9711	1111	8111118
Canada Canada P.E. Island P.E. Island	3			Germany	2000	10 H 01 01	111	113
Canada Canada Ca	2			France	00 00 00			9 1 1 6
Canada Canada Ca		othe		Finland	11111111111		111	8 119
Canada Canada Ca		MK		Denmark	9 1 1 1 7	201 14	111	2 2 2
Canada 1570 17179 17	i			Belgium	10 11 12		111	5 5 1 1 1
Canada Canada Ca	3	ace		Austria	116	21 -	111	120
Canada Canada Ca		thpl	suois	Other	4	601 1		•
Canada Canada Ca		Bir		Newf'ndland	F			
Canada Trotal Trotal	3			Other	-	-	TIT	
Canada Tirga 1179 Tirga 1289 Tirga 1389 Tirga 1445 Tirga 1445	4		les		61 141211	1842936	TIII	8
Canada Tirga 1179 Tirga 1289 Tirga 1389 Tirga 1445 Tirga 1445	9		ı Is		£1942451086	192 61 18 109 4		2 1 23 12
Canada Tirga 1179 Tirga 1289 Tirga 1389 Tirga 1445 Tirga 1445	3100	B	ritis	Ireland		153853	Tin	4 [- -
Total Tigo 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	THE		В	England	77. 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	222 124 12 12 12 12 12 12 12 12 12 12 12 12 12	10114	4400 04
Total 1905 1147 1147 1150 1150 1150 1160 1170 1188 1188 1188 1199 1190				Specified	The state of the s			
Total 1905 1147 1147 1150 1150 1150 1160 1170 1188 1188 1188 1199 1190				Columbia	11011722233	364 28	111	E20 1000 H
Total 1905 1147 1147 1150 1150 1150 1160 1170 1188 1188 1188 1199 1190	10				525253333553	1 33 9 5 3 3 4	145	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Total To				ewan			21-1-12	
Total 1140	- 11		da	Saskatch-			60 60	
TetoT T T T T T T T T T T T T T T T T T T	5		ana.		6.4		01 :01	H-04 00-
TetoT 11147	4		0		36 10 16 16 18		111	
TetoT 11147 11148 1190 1190 1190 1190 1190 1190 1190 119	000			Brunswick	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
TetoT 11147				STATE OF THE PARTY	41.8 8.8 8.1 18.8 8.8 8.1	12-16		N H
A Table 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4					65 61 11 12 63	TIII	= 111111111
9		=		7-1-1 44		10.00 - 0.10.10	000	IS MALE MAIN TO IS
9				IstoT	21 88 84 84 84 84 84 84 84 84 84 84 84 84	1901	458	E % NEW WE WE
e e						111111	111	111111111
	o march			Birthplcce of Father	CANADA Prince Edward Island Nova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia Province not specified	BRITISH ISLES England Ireland Scotland Wales Other	BRITISH POSSESSIONS Newfoundland Other	Austria Austria Belgium Denmark Finland France Germany Holland Hungary

			HIMOHL
1111111	1111	111	4 000
	1111	61	00 00
13621362	21 1	783	945 969
	63 63		61 61
100	1010	-111	9 9
1111,11		INI	9 10 10
H H 70 60 00	1111	9 1	222 223
371 6	IIII	= 11	80 2 80 2
		_	
24 320 4	21.51	20	503
128851		9	140 10 150
13 88 52	1111	=	935 11 946
53 4	1111	119	101 9
52		111	34 1
		111	
144 16		- 11	110
11111111	1111	1-	26 56
110 841	THE	119	175 176 176
THEF	1111	61	181
TITLE		63	= =
1111111		60	65 1
0 = = 00		1.1	
HF-010 4		**	2 2 2
	7 1 17	**	142 8 150
140	HIII	-	12 12
77 11111	1111	111	4 4
THIT	TITT	111	01 :01
TIP	THE	91	66 1 65
4 :449		69	
-01	1.0.00		10 10 417
18	1111	91	131
MOH MO4	1111	86 ::	773 17 790
THEFT	TITT	-	4 4
10000000			
	99	28	22 22
59 309 102 144 59 42	00 to 4	802	423 423 081
P-038040	1111		32 7
U410001-40		76 138	10 2
H H			49
4544100		45 127	641 15 656
HHHHN	1111	5	289
	IIII	70	36 289 641 472 880 6658 214 2 6 15 19 52 423 10 38 295 656 491 932 7081 224
	1111	13	87 36 289 641 472 880 6658 214 87 38 295 656 491 932 7081 224
1111711			17 17 8
	1 1 1 1		
52 201 1152 267 267 658 173 288	37 10 10 9	2328	15277 626 15903
Italy Norway Poland Roumania Russia Sweden Other	ASIA China Japan Other	United States Various Not Specified	Children born to married mothers Children born to unmarried mothers Children born to all mothers

	b
	œ.
	a.
	-
	×
	2
	F
	Č.
	50
	1
	ш
	4
	2
	E
	10
	7
	2
	14
	ш
	-
	~
	μ
	ľα
	-
	U
	5
	77
3	u
	4
	-
	C
	⊨
	~
	- 5
2,	c
	5
	=
2	7
	н
	œ
	$\overline{}$
	У
3	u
3	
	=
	5
	=
	Ε
1	FIRE
1	HILL
	STRIFF
	SSIFIE
	ASSIFIE
	ASSIFIE
	T.ASSIFIE
	CI.ASSIFIE
	CI.ASSIFIE
	OI.ASSIFIE
	S) CLASSIFIE
	TO CLASSIFIE
	HS) CLASSIFIE
	THS CLASSIFIE
	RTHS OLASSIFIE
	RTHS CLASSIFIE
	REPHY CLASSIFIE
	RIPTHS CLASSIFIE
	TRIPITED CLASSIFIE
	LIRIBITHS CLASSIFIE
	TIRETHS CLASSIFIE
	TILL RIBTHS) CLASSIFIE
	STILL RIBTHS) CLASSIFIE
	STILL RIBTHS! CLASSIFIE
	STILL RIBTHS CLASSIFIE
	THE STILL RIBTHS! CLASSIFIE
	OF STILL RIPTHS! CLASSIFIE
	OF STILL RIPTHS! CLASSIFIE
	OF STILLBIRTHS! CLASSIFIE
	E OF STILLBIRTHS! CLASSIFIE
	UE OF STILLRIRTHS CLASSIFIE
	TUE OF STILLRIRTHS CLASSIFIE
	SIVE OF STILLRINGHS) CLASSIFIE
	STUE OF STILLRINGHS) CLASSIFIE
	TISTUE OF STILL RIBTHS! CLASSIFIED ACCORDING TO AGES OF PARENTS IN ALBERTA 1937
	TISTUE OF STILL BIRTHS) CLASSIFIE
	THEIVE OF STILLBIRTHS OLIASSIFIE
	CLUSIVE OF STILLBIRTHS (CLASSIFIE
	VOLUSIVE OF STILL RIBTHS OLASSIFIE
	EXCLUSIVE OF STILLBIRTHS OF ASSIFIR
	EXCLUSIVE OF STILLBIRTHS OF ASSIFIR
	TEXELLISIVE OF STILLBIRTHS OF LASSIFIE
	TEXALISTOR OF STILL RIBTHS OF TASSIFIE
	S (EXCLINETURE OF STILL RIBTHS) CLASSIFIE
	HE TEXALITIES OF STILL RIBITIES OF SSIFIE
	THE CAN THE OW STILL BIRTHS OF TAXABLE
	THE CRYCLISTOR OR STILL RIBTHS OF ASSISTE
	BTHS AND THE OF STILL BIRTHS OF ASSIRTE
	TRACE (EXCLUSIVE OF STILL RIBTHS) CLASSIFIE
	RIBLACTION OF STILLBIRTHS OF ASSISTING
	BIRTHS (EXCTITSIVE OF STILL RIBTHS) CLASSIFIE
	THE ASSISTED OF STILL RIGHTS OF ASSISTED
	TENTHS (EXCTITATIVE OF STILL RIBTHS) CLASSIFIE
	A RIBLAS (REXOT HISTOR OF STILL RIBTHS) CLASSIFIE
	REAL PROPERTY OF STILL BIRTHS OF ASSISTE
	E A RIBTHS (EXCTITSTUE OF STILLBIRTHS) CLASSIFIE
	THE R. PRINTING OF STILL RIPTHS OF ASSISTING
	T.F. A RIPTHS (FXCT.)
	T.F. A RIPTHS (FXCT.)
	ARTE A RIBTHS (RYCTIISIUE OF STILL RIBTHS) CLASSIFIE
	T.F. A RIPTHS (FXCT.)

Not stated	
20 % OVET	
69	
8	
47	460 - 0
46	2321216
75	11111111111111111111111111111111111111
44	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
43	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
42	1 1001000000000000000000000000000000000
11	11 222388447799022212
40	1111 1111 1111 1111 1111 1111 1111 1111 1111
68	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
88	4-1012811281128811381138111311111111111111
37	
36	111 1114 23 23 23 23 23 23 25 21 21 21 21 21 21 21 21 21 21 21 21 21
13	111111111111111111111111111111111111111
34	111222220888444888888884448888440
33	82848888888888888888888888888888888888
MOTHER 31 32	111111111111111111111111111111111111111
31	94-104-0064446464664664884848966664486
OF 1	111118888711881881188188888884844
	1111122422222233333333333422211044444
AGE 28 2	112222644445767744574677467746774774774774774774747474
27	211421222222222222222222222222222222222
26	1122 222 24 24 24 24 24 24 24 24 24 24 24
- 12	124128242856665674788774867787784173
24	8277884000000000000000000000000000000000
23	622 888 888 888 888 888 888 888 888 888
22	861 188 1188 1188 1188 1188 1188 1188 1
- 12	21441881264848222221
50	1112232244455996666666666666666666666666666666
19	188233333333333333333333333333333333333
18	111288835553337111
17	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
16	4 4444 44664 44 4
151	HH 0 H
1 41	
13	
12	
Total	2522 2522 2522 2522 2522 2522 2522 252
Age of Father	Under 16 years Under 16 years 15 years 25 25 25 25 25 25 25 25 25 25 25 25 25 2
	H91188981888888888888888888888888888888

199111111111111	10 01 1-
	4 4
F	63 63
	01 01
	23 15 23 15
200	34 23 36 23
	1 22 1
991111111111111111111111111111111111111	96 8
40-4	38 1
40000 000000	158 1
04404044	4 4 209 1
400440 4	0 4 4
10 TT H H H H H	347 27
4	5 4 6
H4H400 H H	0 342 6 4 6 346
	5 420 5 6 0 426
	45 45
	1 20 20
2000 100 111111111111111111111111111111	515
NN HNHNH	
10 H 10 10 H 10	0 604 5 9 5 613
	58 610 10 5 68 615
***************************************	La La
	1774 5 14 9 788
144 144 111111111	15 15 859
	868 20 888
-	871 19 890
	32 909
N N I I I I I I I I	33 1076
Thelling	995 44 039
H-10-1-	966
7 1 1 1 H 1 1 1 1 1 1 1 1 1 1 1	
	28 147 266 486 694 866 18 50 47 66 78 50 46 197 313 552 772 916
	5 694 5 78 2 772
HIIIIIIIII	66 66 552
THUMBURE	47 266 50 47 97 313
	147 50 197
HUHHHHH	
THEFT	15 10
	61 61
11111111111111	
THUMBULL	
224 233 233 233 233 233 233 233 233 233	277 626 903
DANNIN H H	15277 626 15903
ver	Children born to married mothers. Children born to un- married mothers. Children born to all mothers
h h	orn mot mot
over ted	ed 1
and ov	Children born to married mothe Children born to married mothe Children born to mothers
55 55 57 57 60 60 60 85 85 85 85 85 86 85 86 86 86 86 86 86 86 86 86 86 86 86 86	GHI GHI

24				VITAL STATISTICS BRANCH		
		Not specified		[F] [[[[[[[[[[[[[[[[[[
		Other		4-10		
		Ukrainian		14 1 150 100 100 100 100 100 100 100 100 1		
37		Syrian				
1937		ssiws		0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0		
TA		Crost		2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
ALBERTA.		Serb and		000000 N		
		Russian				
NI.		Roumanian				
NTS		Polish		23 33 33 33 34 34 34 34 34 34 34 34 34 34		
PARENTS,		Norwegian		88.000		
		Negro				
N OF		Jewish		мини и		
IGII		lapanese				
RACIAL ORIGIN	Mother	Italian		10000		
AL		nsibnī		880 1 1 1 1 1 1 1 1 1		
ACI	Jo t	Icelandic		H000H		
	Origin of	Hungarian		111233111111111111111111111111111111111		
E D		ubniH		T		
DIN	Racial	Greek		120 121 121 122 123 123 123 123 123 123 123		
ACCORDING TO	-	German		400 1 1 10 80 1 1 21 1 2		
ACC		Finnish	BERT 23 33 33 35 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
		Danish		221222116 116 4 4 4 10 117 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
CLASSIFIED		Slovak	A	11 25 4 1 222 8 81 2 11 2 4 1		
LAS		Czech and				
-		Bulgarian				
THS		Belgian		40400 H0 H0 40 H 0 H0 N0 H		
BIR		Austrian		0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
STILLBIRTHS		Aremnian			110 747 73 75 75 75 75 75 75 75 75 75 75 75 75 75	
		French				047. 25. 26. 26. 26. 27. 27. 27. 27. 27. 27. 27. 27. 27. 27
OF		Welsh			28.828 1 1 1 8 8 1 1 1 1	
IVE		Scottish		22705 5690 5690 5690 5690 5690 5690 5690 56		
LUS		Irish		2352 23752 22752 22752 22752 23752 24 6 6 6 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
(EXCLUSIVE		English		2011 2012 2014 2014 2015 2017 2017 2017 2017 2017 2017 2017 2017		
7.—BIRTHS (Total		2985 1468 1881 1888 1888 1888 2271 10 127 10 139 10 139 10 10 139 10 10 10 10 10 10 10 10 10 10 10 10 10		
TABLE 7.—I		Racial Origin of Father		English Irish Scottish Welsh French Armenian Austrian Bulgarian Bulgarian Crinnese Czech and Slovak Danish Dutch Finnish German Greek Hindu Hungarian Italian Japanese Japanese Japanese Jawish Negro Norwegian Polish Russian Serb and Croat Swedish Swrian Ukrainian Ukrainian Ukrainian Other		
		R		English Irish Scottish Welsh French Armenia Austrian Belgian Bulgaria Chinese Czech a Danish Dutch Finnish German Greek Hindu Hungari Icelandi Indian Italian Japanese Jewish Negro Norwegi Polish Rouman Russian Serb an Serb an Serb an Other Other		

02 03 ==	63 14 63	900
140	- 0101	16 26
	4 2 2 5	
887	00 44	929
10100	21	NAM.
288	2111	286
1 361 1 177 0 184	1001	1 187
212	2 2 2	212 22 22 23
233		235
9668	64 64	92 40 52
538	12 21	2822
565 295 270	12.9	586 304 282
155	440	13
31 25	111	2512
10		10 3
333	200	8833
752 356 396	108 54 54	860 410 450
15		16
144		145
040	111	040
2390 1203 1187	288	2451 1231 1220
2222	111	232
130	200	264 133 133
201	9101	1112 95
169 83 86	10 61 60	855
122	2111	14 8 6
1111	111	
53		312
83 45	10 63 61	8844
- 565	111	111
937	2 2 2 2 2 3 8 4 8 8 1 9 2 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3 518
151		1829 159 985 929 78 519 900 81 466
1767 155 937 893 76 490 874 79 447	38	928
1372 683 689	273	1428 712 716
3093 1580 1513	106 47 59	3199 1627 1572
	10-110	
15277 7716 7561	626 311	15903 8027 7876
ed	ped	
marriec Total Male Female	arri	all Total Male Female
Tot Ma Fer	Tot	Tot Ma Fer
to	to	to to
mothers born to married mothers Male Female	Children born to unmarrie mothers Total Male Female	Children born to mothers
en	ers b	en }
ildren	lidre	ildren
5"	Ch	5"

TABLE 8.—TOTAL BIRTHS (EXCLUSIVE OF STILLBIRTHS) AND BIRTHS IN INSTITUTIONS, SHOWING THE NUMBER OF MOTHERS NON-RESIDENT IN ALBERTA, 1937

	All 1	All Births	In Ins	In Institutions
	Total	Non-resident in Province	Total	Non-resident in Province
Total for the Province	15.903	146	10,261	131

TABLE 9.—BIRTHS (EXCLUSIVE OF STILLBIRTHS) TO RESIDENT AND NON-RESIDENT MOTHERS AND BIRTHS IN INSTITUTIONS, IN CITIES OF 5,000
POPULATION AND OVER, IN ALBERTA, 1937

				The state of the s	O VALLEY ALL	TO CHARLES THE CHARLES IN ALBERTA, 1991	1001					
		All 1	All Births			Births in]	Births in Institutions		Births	elsewhere	Births elsewhere than in Institutions	titutions
Cities	Total	To	To mothers non- resident in city or town where birth occurred and	rs non- in city where trred and	Total	To	To mothers non- resident in city or town where birth occurred and	in city where	Total	To	To mothers non- resident in city or town where birth occurred an	To mothers non- resident in city or town where birth occurred and
		mothers	Resident in Province	Non-resi- dent in Province		mothers	Resident in Province	Non-resi- dent in Province		mothers	Resident in Province	Non-resi- dent in Province
Calgary Edmonton Lethbridge Medicine Hat	1638 2606 590 333	1201 1550 234 117	424 1028 353 198	13 28 18	1563 2531 578 301	1133 1489 226 99	417 1014 349 186	13 28 3 16	32233	61 81 18 18	24 4 5 T	1110

TABLE 10.—ORDER OF BIRTH OF LEGITIMATE CHILDREN BORN IN 1937 (INCLUDING STILL BORN CHILDREN),

-		Age not betete	2" "
		42 years	20 40004011110001010
		40-44 years	122222222222222222222222222222222222222
		32-39 years	1887 169 169 1137 114 714 714 714 714 714 714 714 714 71
		30-34 years	3055 3553 470 373 255 255 255 255 255 255 255 255 255 25
		25-29 years	4305 1016 1130 850 850 822 330 212 28 33 3
	other	S0-S4 Years	4638 2180 6553 855 85 85 85 85 85 85 85 85 85 85 85 85
	Age of Mother	12-19 years	272 272 272 272 272 272 272 272 272 272
	Age	19 years	2 111 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		18 years	272 273 319 617 617
AGE OF MOTHER		I7 years	133
		16 years	88
		15 years	1000
BY AC		Under 15 yrs.	
1		Total	15615 4414 3408 2330 1636 1097 1097 701 2310 2310 222 159 80 67 67 67 67 67 67 67 67 67 67 67 67 67
		Order of Birth of Children	Total list child 2nd 4th 3rd 4th 55th 6th 110th 110th 115th 115th 115th 119th

TABLE 11.—DEATHS OF CHILDREN (EXCLUSIVE OF STILLBIRTHS) FROM CERTAIN SPECIFIED CAUSES IN FIRST YEAR OF LIFE BY SEX AND CALENDAR MONTH OF DEATH, IN ALBERTA, 1937

01 December 4-12-19 10 01 64 M. November = 90 10 M. 60 H -14 October M. E September M. :00 H 100 MH0110 H August NH 1621 12 2 M. OF DEATH 63 Fig. Ame M. 63 64 Fi. MONTH aung 1 M 90 63 E May 11 Z. Ė lingA :01 :01 L-10-1070 M :00 -E March 91 6.5 63 16312 × 14 February 3 M. 101 14 January 00 00 × 이었이 38 12 12 12 12 13 10 13 20 20 **Eemale** Total under 1 year 120118 32 Male 4 623 523336 73 54 Total Dysentery

Expipelas

Beloimyelitis and policencephalitis (acute)

Beloimyelitis and policencephalitis (acute)

Beloimyelitis and policencephalitis (acute)

Epidemic cerebrospinal meningits

Tuberculosis of the respiratory system

Tuberculosis, other forms

Sphills

Sphills

Purulent infection, septicaemia

Purulent infection, septicaemia

Oliceases of the thymus gland

Simple meningitis the Total the buccal cavity and annexa and of and tonsils (including adenoid vegetations) Nephritis
Malformations
(a) Congenital hydrocephalus
(c) Congenital malformations of the heart
(b, d, e) Others under this title
Congenital debility
Premature birth Diseases of the ear and mastoid process CAUSES OF DEATH Hernia, intestinal obstruction pharynx and tonsils Diseases of the stomach Diarrhoea and enteritis Bronchopneumonia Scarlet fever Whooping-cough Diphtheria Influenza Convulsions Diseases of Pneumonia Bronchitis Croup 116-118 119 122 130 157 115 158 ALL 108,

44				
4 88 889		es of stillborn ldren to 1.000 live births	Rate per 1000 live births	15.2 19.1 19.1 19.1 19.0 19.0 19.0 19.0 19.0
2 001 11 2 001 011 4 00 101		Rates of children live l	Number of stillbirths	166 166 172 173 174 175 176 176 177 177 178 179 179 179 179 179 179 179 179 179 179
4 44 44		hout a	Not	88 H-8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -
1 1 2 2 E		lirths with or without physician in attendance	Without	154 59 26 38 138 147 444 446 224 224 224 224 244 244 244 26 9 9 1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
0 000 0 4 000 000	S, 1937	Births with physician	With	117 679 223 223 223 225 162 337 1045 337 337 337 337 337 337 337 337 337 33
4 44	BY DIVISIONS,	n under each	Total	282 282 283 283 284 114 114 1298 11298 11298 11067 1067
9 849	ETC., BY	te of children ar of age to 1,000 births	Number of deaths	5888 4 1 2 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
20 1 2 1 1 2 2 H	DEATH RATES,	Death rate one year	Rate per 1000 births	888345888884488888888888888888888888888
34 16 235 238 233 7 88 25 111 22 25 25 115 13 13 13 13 13 13 13 13 13 13 13 13 13	EAT	-		
50 3 688 3 115 2 6 11 6 1	100000			cepted)
	NATILI			1).
160 Injury at birth 161 Other diseases peculiar to early infancy (under 3 months) (a-e) Specified diseases (f) No cause given, no doctor in attendance 175 Homicide -198 Other external causes Other specified causes -200 Unspecified or ill-defined causes	TABLE 12.—INFANTILE		Divisions and Cities	Division No. 1—Medicine Hat (City of Medicine Hat excepted) Division No. 2—Macleod (City of Lethbridge excepted) Division No. 4—Nanton Division No. 4—Nanton Division No. 5—Acadia Division No. 8—Red Deer (Cities of Red Deer and Wetaskiwin except Division No. 10—Victoria Division No. 11—Edmonton (City of Edmonton excepted) Division No. 12—Edson Division No. 13—Beaver River Division No. 13—Beaver River Division No. 14—Sturgeon Division No. 15—Clearwater Division No. 16—Peace River City of Edmonton City of Calgary City of Medicine Hat City of Wetaskiwh City of Wetaskiwh City of Wetaskiwh City of Drumheller Divisions City of Drumheller
160 161 173-175 176-198 199-200				

TABLE 13.—DEATHS OF CHILDREN (EXCLUSIVE OF STILLBIRTHS) FROM CERTAIN SPECIFIED CAUSES IN FIRST YEAR OF LIFE, BY SEX AND AGE AT DEATH, IN ALBERTA, 1937

	nuder 12 mos.	1 1	12	₹ ;=	111	111	- : :	1111	:::		14	1111	
	pue sujuoui II	M	12	нн	4		н		11	ಣ	1	H	-
	10 months and under 11 mos.	M.F.	1 12	63 63	2 1			-		10.	-	61	
	under 10 mos.	E	12 14	01 01	-	111	111	1111		47 1			
	pue supuom 6	M	12	63		iii	111	iiii			N	21	
	som e abnu	I.F.	3 16	63 -4	121							-	
	som 8 abbnu	F. M	12 18	2 1	-	1 1 1			11	00.0		4	
	pue sutuom 7	M	161	7	63						N	61	
	som 7 asbnu	Size	10		-	11.		-		н		6.0	
	bns admon 8	M	=	115	2	HIII	111	1111		60 4			
	5 months and under 6 mos.	I.F.	18		2	-		-		63		100 H	1000
H		M.	19 26	2 1	4					40		10	11 11111
DEATH	4 months and	M.F	30 1	C) H	63			1 1 1 1	-	00 4		60	
	.som 4 mos.	1	155	10 -	9		-	1111	N	9		00	-
AT	bne antnom &	M	9 32	H 10	1 6		-	1 2 3		000		4	-
AGE	2 months and under 3 mos.	M.F	55 29	H 60	2			Н.	-	10.4		H#	
AC	under 2 mos.	1 14	10	- 60	00 +	-	-	Hill	111	00 11	,	-	
	bne dinom I	Z	926	4 61	00				N	. 44		211	
	3 weeks and	M.F	30 19	-	-	111	111	Her	1 1	60 -	1	00 .	
	under 3 weeks	Ei.	213	-	4					610	1	H	The state of
	2 weeks and	M.	22	-	-	7 : 1			9	-		60	11111
	nuder 2 weeks	fai.	1 82	111	4		111	H		110		-	40000
	I week and	M.	58	111	01	111	III	-	111			61	Billion
		14	10	111	-	111	111		7 1 1	.01			1
	I day and under I week		86	111	H :	111		00	111	0100			
-		F. M.	77	111	=	1 1 1	111	1111	111	1 1		111	-
	Under I day		66	H :		1 1 1	111	1111	111	-		- 1	-
H		M		27 7 2				: :00 01 0	0 :	47		이었이	-
Fotal under 1 year	Male		9 435	10 2 2	-		107					202	
al un			559							10.00		10	
Tot	1	Tota	994	922	957	3 4	000-	1 110	103	101	-	25.24	
				1111			- 1	1 1 1 1			9 :	111	
	CAUSES OF DEATH		ALL CAUSES	7 Measles 8 Scarlet fever 9 Whooping-cough 10 Diphtheria	Influenza Dysentery Erysipelas		Tuberculosis of the meninges a Tuberculosis, other forms Svahilis		es			by Diseases of the stomach Dis	
			CL		122	18 18	25-32	679	105.0		115	116-118 1130 130	
			K							108,			

H :H : : : : : : : : : : : : : : : : :	
	-
	-
	-
	1
TITLE III HE	1
	1
	1
	1
нн н	1
THE HILL OF	1
1111111 1111-11	1
0 0	ı
HH 1 10 HH	ł
= =	-
1 1 1 1 1 1 1 1 1 1	-
0 880 88	ł
1 24 104	-
	ł
Q010044 00H	-
9	-
8 81440 8144 4	-
H HH8H 8HH	1
10 10 01 01-1-1	1
1 112 41	1
	-
	1
9 88 84 8 9 9	
00 10001 3	1
	-
0 4 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
- 1200 12T 4500 101	
F 488000 584	1
916, 52, 51, 51, 51, 51, 51, 51, 51, 51, 51, 51	
413572833 163221618	1
283 3490	1
B HHMAR BM :HH	
58 552 334 65 6 55 553 55 55 55 55 55 55 55 55 55 55 55	
61	ı
2	١
Total	
5	
8	
ance ance	
heart ancy	
ie heart infancy ttendance	
the heart / infancy attendance	
of the heart erly infancy in attendance	
us of the heart title early infancy or in attendance	
alus of the heart Total ions of the heart Total is title to early infancy Total octor in attendance d causes	
phalus of the heart this title to early infancy soctor in attendance ned causes	
ocephalus rmations of the heart r this title llar to early infancy ases no doctor in attendance s es es	
drocephalus alformations of the heart nder this title y cullar to early infancy is seases n, no doctor in attendance uses uses defined causes	
hydrocephalus malformations of the heart under this title lity h peculiar to early infancy nths) diseases ven, no doctor in attendance causes causes ill-defined causes	
al hydrocephalus al malformations of the heart are under this title ebility irth es peculiar to early infancy nonths) ed diseases given, no doctor in attendance al causes or ill-defined causes	
nital hydrocephalus nital malformations of the heart thers under this title debility birth sees peculiar to early infancy 3 months) iffied diseases see given, no doctor in attendance rnal causes diffied causes diffied causes diffied causes	
pations genital hydrocephalus genital malformations of the heart Others under this title tal debility tar birth at birth liseases peculiar to early infancy or 3 months) pecified diseases te be e e e e e e e e e e e e e e e e e e	
ormations Congenital hydrocephalus Congenital malformations of the heart Congenital malformations of the heart Congenital malformations of the heart Congenital debility Control debility Congenitation Congenitatio	
alformations Congenital hydrocephalus Congenital malformations of the heart d. e.) Others under this title enature birth ury at birth her diseases peculiar to early infancy (under 3 months) e.) Specified diseases No cause given, no doctor in attendance micide ner external causes her specified or ill-defined causes	
hydrocephal malformatio under this lity peculiar to this) diseases ven, no doc causes causes ill-defined	
-сссощно ссщоов	

TABLE 14.—TOTAL DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATHS IN INSTITUTIONS OF CHILDREN UNDER ONE YEAR OF AGE, CLASSIFIED ACCORDING TO RESIDENCE OF DECEDENTS, IN CITIES OF 5,000 POPULATION AND OVER, IN ALBERTA, 1937

11	1	1	Lemale	
-	ath	in Province	Male	
Ħ	esid city de urre	Non-resident	Total	
Deaths elsewhere than Institutions	Non-residen in city where death occurred and		Female	
IS th	Non i vhe	Resident in Province	Male	8000
elsewhere Institutions	4 >		Total	4440
wh		CALLED LOCAL P	Female	691
Ise		Residents	Male	2122
l're	-		Total	6 18 6 18 1 1
ths			Female	
Des	MIT OF S	Total	Male	113
			Total	19 22 4
			Female	H
	Non-resident in city where death occurred and	Non-resident in Province	Male	6)
00	desity	tashinan gold	Total	, 63 H
ion	on-reside in city here dea occurred and	221111011	Female	25.000
ti ti	i vhe	Resident in Province	Male	116
ısti	4 2		Total	500 119
In			Female	42247
E		Residents	Male	3928
hs			Total	7 34 9 50 4 4
Deaths in Institutions			Female	36 17 13 12 14 7
		Total	Male	125 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			Total	
	_th th	in Province	Female	6)
ar	Non-resident in city where death occurred and	Mon-resident	Total	7 -
ye	n-resid in city nere de occurre and		Female	41,000
ne	in her	Province	Male	542
0 1	Z B	Resident in	Total	23 12 23 13 8
de			Female	12821
1 3		Residents	Male	5.9
ths			Total	688
All Deaths under one year			Lemale	135
All		Total	Male	7 46 1 66 7 14 5 10
			Total	67 121 27 15
		Cities		
				Calgary Edmonton Lethbridge Medicine Hat

TABLE 15.—TOTAL DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATHS IN INSTITUTIONS, OF CHILDREN UNDER ONE YEAR OF AGE, SHOWING THE NUMBER NON-RESIDENT IN ALBERTA, 1937

		All D	All Deaths under one year	der one	year				In Institutions	tutions		
		Total		Non-res	ident in	Non-resident in Province		Total		Non-resident in Province	dent in	Province
	Total	Male	Female	Total	Male	Male Female Total Male Female Total Male	Total	Male	Female Total Male Female	Total	Male	Female
Total for the Province	994	529	435	63	60	-	454	263	191	9	63	63

TABLE 16.—POPULATION, BIRTHS, DEATHS, RATES AND SELECTED CAUSES OF DEATH (EXCLUDING INDIANS), BY MUNICIPALITIES (EXCLUDING CAUSE 1937

DIVISION No. 1-MEDICINE HAT

		Total	De
Municipality No.		al	Death Rate per 100,000 Population
Population, 1937	91 165 175 1267 985 983 1665 1156 11198 3989 989 989 989 989 989 989 989 989	20415	per 10
Number of Births	223 22 23 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	440	00000
Birth Rate per 1,000 Population	22 22 25 25 25 25 25 25 25 25 25 25 25 2	21.1	Popul
Number of Deaths	21 22 122 22 22 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	133	ation
Death Rate per 1,000 Population	% H2 H0H04444000F0088	6.0	
Number of Deaths	01 - 01 - 01 - 01 - 01	27	
Infant Mortality Rate (per 1,000 births)	500 133 133 133 133 133 133 133 133 133 1	61.4	
Number of Stillbirths		00	No.
Pophoid and Paratyphoid		-	7000
Measles		23	10
Scarlet Fever			4000
Whooping Cough		100	
Influenza			-
Acute Poliomyelitis		00	39 1
Meningococcic Meningitis		63	10
Pulmonary Tuberculosis		-	10
Tuberculosis (other forms)		1000	
Cancer (all forms)	1	16	78
Diabetes		1	10
Pernicious Anaemia		1	10
Apoplexy, Cerebral Haemorrhage & Thrombosis		5	24
Heart Diseases (all forms)	111411911141146	15	73
Diseases of the Arteries		13	64
Preumonia (all forms) Diarrhoea and Enteritis		9	500
(under 2 years of age) Diarrhoea and Enteritis		4	06
(over 2 years of age) Appendicitis		53	10
Nephritis (acute and chronic)	11 2 1 1 2 1 1 1 1 1 2	6	44
Puerperal State	111111111111111111111111111111111111111	60	100
Violent Deaths (suicides	111141114441116		20

TABLE 16.—POPULATION, BIRTHS, DEATHS, RATES AND SELECTED CAUSES OF DEATH (EXCLUDING INDIANS), BY MUNICIPALITIES (EXCLUDING CAUSING CONTINUED).

DIVISION No. 2-MACLEOD

Violent Deaths (suicides and homicides excepted)	H8468 1884 1844	30	11
Puerperal State		65	7
Mephritis (acute and		20	47
Appendicitis	10 H H H H H H H H H	6	21
Distriboes and Enteritis		-	67
Distriboes and Enteritis (under 2 years of age)		63	10
Pneumonia (all forms)	H2HHH2 H 4 H6	17	40
Diseases of the Arteries	41 0 1 60 0	15	33
Heart Diseases (all forms)	4-1-04-004-000	41	97
Haemorrhage & Thrombosis	H 4HH 60H6	14	33
Pernicious Anaemia Apoplexy, Cerebral		23	1-
Diabetes		4	6
Cancer (all forms)	NHN N HNN NH	20	47
Tuberculosis (other forms)	111111111111111111111111111111111111111	2	10
Pulmonary Tuberculosis		52	10
Meningococcic Meningitis			
Acute Poliomyelitis		-	
Influenza	040mm 0m mm	22	52
Diphtheria		7	23
Whooping Cough		-	1
Scarlet Fever			1
Measles		63	7
Typhoid and Paratyphoid			
Number of Stillbirths	00000 000 10H	19	
Infant Mortality Rate (per 1,000 births)	125 33 33 35 35 35 35 35 35 35 35 35 35 35	44.8	
Number of Deaths (under I year)	HH00040 0H0 04	39 4	
Death Rate per 1,000 Population	waxavxav4v=xc+v	6.5	0.000
Number of Deaths	113 56 57 113 113 113 113 113 113 113 113 113 11	277	ion
Population	6 6 12 6 6 14 8 15 17 8 13 9 13 8 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14	20.5	oulat
Birth Rate per 1,000			Pol.
Number of Births	252 252 253 253 253 253 253 253 253 253	870	00.00
Population, 1937	335 1421 1640 1640 1640 2890 613 4965 3512 2582 2582 3512 373 173	42475	ber 1
Municipality No.	100 100 100 100 100 100 100 100 100 100	Total	Death Rate per 100,000 Population

	H (NO) ; ;	9	40	1		132
	HITT	1	7		The second secon	14 3
	N : : : :	101	13			32 1
	101	103	13 1		the same of the sa	14 3
	111111		-			1
		1 60	20			4
	40111	100	54			32
	2911	12	74 5			339
1	1041	13 1	7 78		-	
		1			The state of the s	137
	11-11-	2	13			99
	111111					00000
	117111	_	7			77
	01-01	7	47			10
			000			-
ER		60	20	Z		
3-BOW RIVER		1		NANTON		1000
MO	HIIII		7	NA		
3_B	191	6	99	4	111111111111111111111111111111111111111	ă l
No.		1	-	No.		
ION			1000	SION	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
DIVISION			-	DIVISION		
Q	111111					
	HIIII	100				
		4				
	429 102 61 44	59.7			22 22 22 22 22 22 22 22 22 22 22 24 36	
	6046	19			810 H H W 1 N 8 N H 6	
	30011007	7.0			F-00000 00400 00-00 12	
4	236 236 236 236 236 236 236 236 236 236	105	tion	PA-	22 21 11 11 12 11 12 12 13 13 14 15 15 16 17 17 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	
	271 272 272 272	21.3	pulat	-	2973 56 19 22 21 21 21 21 22 23 39 29 29 29 29 29 29 12 11 22 23 39 29 12 11 22 2468 32 13 19 26 2468 32 13 19 26 2468 32 13 19 26 24 39 26 10 12 29 21 39 20 21 39 20 21 39 20 21 39 20 21 39 20 21 39 20 21 39 20 21 39 20 21 39 20 20 20 20 20 20 20 20 20 20 20 20 20	
	49 66 159 20 17	318 2	O Po		256 298 322 322 322 66 89 89 89 89 89	
			00.00		20.00	
	2809 3395 5952 441 1001	14895	Death Rate per 100,000 Population		2973 1402 2339 348 348 348 2177 22468 2698 2698 2639 3905 4155 4155 4155 4155 4155 4155 4155 41	
					97 97 129 129 130 130 131 157 158 160 161 189 190 190 190 190 190 190 190 190 190 19	
		al	ath E		al p	
	Pt.	Total	Des		ganized Total	
	27 PT				997 998 998 990 1006 1006 1006 1006 1006 1006 1006	
11	ппппп	1	1			

TABLE 16.—POPULATION, BIRTHS, DEATHS, RATES AND SELECTED CAUSES OF DEATH (EXCLUDING INDIANS), BY MUNICIPALITIES (EXCLUDING CITIES) TRANSFERRED TO REGULAR RESIDENCE, 1937—Continued

	Alolent Deaths (suicides)		28
	Puerperal State		10
	Nephritis (scute and chronic)		14
	Appendicitis		
ř	Diarrhoes and Enteritis (over 2 years of age)		10
ţ	Diarrhoea and Enteritis (under 2 years of age)	7	6
30	Pneumonia (all forms)	2 2 2	26
	Diseases of the Arteries	100 11 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	74
	Heart Diseases (all forms)	110 1 00 17111 2	97
	Apoplexy, Cerebral Haemorrhage & Thrombosis		32
	Pernicious Anaemia		
	Diabetes		14
11	Cancer (all forms)	4	88
	Tuberculosis (other forms)		-
	Pulmonary Tuberculosis	"	14
IA	Meningococcic Meningitis		100
-ACADIA	Acute Poliomyelitis	7	10
5-A	Influenza	y 1 1 1 1 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1	69
No.	Diphtheria		
NOIS	Whooping Cough		
DIVISION	Scarlet Fever		10
-	Measles	- 1 H H H H H H H H	10
	Typhoid and Paratyphoid		-
	Number of Stillbirths	8	
	Infant Mortality Rate (per 1,000 births)	1111 54 100 100 107 167 63.6	-
	Number of Deaths (under I year)	2 1 1 1 2 2 3	The same of
	Death Rate per 1,000 Population	84120120428888	Total Control
1	Number of Deaths	233 23 23 23 24 6 6 135 135 135 135 135 135 135 135 135 135	tion
	Birth Rate per 1,000 Population	112 118 118 119 119 119 119 119 119 119 119	opula
	Number of Births	27 37 37 37 37 37 37 37 37 37 37 37 37 37	000 P
	Population, 1937	1801 832 3282 498 672 672 573 1115 2436 1115 2436 1447 1539 1504 1504	r 100.
	Municipality No.	Pt. Total	Death Rate per 100.000 Population
-	A REAL PROPERTY OF	2242 2422 2724 2724 2724 2724 2724 2724	

į			4
9			
ļ			į
,			
1			
		١	
3	4	4	9
	t		
,			
,			,
* * *			5
(B (B		,	į
1			

		30	100
		9	11
		18	000
-		10	6
		65	9
	1 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	6
	H0000 H 0 0 H 00H	23	42
	440 10011 1 1 1 11	22	41
	8 PH88 H HH88 188111181 8488	89	255
		00	15 1
		1	2 1
		9	
			7 11
		31	57
		33	9
	LINCHEL HILLE	10	6
		The same	
		-	6.1
		24	44
		101	
		23	4
		100	-
Ī		63	4
		-	6/1
	1 1 2 1 1 1 1 4 2 4 2 5 6 7	26	-
	8 568 2 2288 282288888888	8.64	
	H WWH W WWWH WWWWHWWWAH	90	
	H0000000000000000000000000000000000000	8.9	
	8222222 8222222 822222 8222 822 822 8222 8222 8222 8222 8222 8222 8222 8222 8222 8222 8222 8222 8222 8222 822 8222 8222 8222 82 8	370	ion
	223 223 223 223 223 223 223 223 223 223	17.0	pulat
	82828888888888888888888888888888888888		Pol C
		923	00'00
	560 821 2275 2275 22992 22992 2555 1703 1703 1703 1703 1703 1703 1818 351 2306 3515 3515 3515 3515 3515 3515 3515 351	54307	per 1
	L L	Total	Death Rate per 100,000 Population

DIVISION NO. 7-BATTLE RIVER

	0 000000
	200
	11117111111
	0001000
	00HHH000 1040
	11111211
	2 2 11
	22 2 11 1211
	1 1 1 1 1 1 1 1 1 1 1 1
1 4 1	
-	
TANK	4 000-00
	21
	105 105 105 105 105 105 105 105 105 105
	44 6161-61
	888 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	100 80 110 8 10 10 10 10 10 10 10 10 10 10 10 10 10
	255799455645055
	339138888888888888888888888888888888888
	3667 2575 11419 11190 1190 2871 2871 2871 2873 2871 2873 2874 1833
	2202288277778
	# 1
1	334 365 365 365 365 365 365 365 365 365 365

TABLE 16.—POPULATION, BIRTHS, DEATHS, RATES AND SELECTED CAUSES OF DEATH (EXCLUDING INDIANS), BY MUNICIPALITIES (EXCLUDING CITIES) TRANSFERRED TO REGULAR RESIDENCE, 1937—Continued

DIVISION No. 7-BATTLE RIVER-Continued

Violent Deaths (suicides and homicides excepted)	1011101	21	55
Puerperal State	THIT	61	10
Mephritis (acute and chronic)	NN	12	32
Appendicitis	H 103	13	34
Diarrhoea and Enteritis (over 2 years of age)	THEFT	400	June.
Diarrhoea and Enteritis (under 2 years of age)	-111111	1	6.3
Pneumonia (all forms)	H	18	47
Diseases of the Arteries	10 111	28	74
Heart Diseases (all forms)	13612	45	119
Apoplexy, Cerebral Haemorrhage & Thrombosis	1	9	16
Pernicious Anaemia		1	. 00
Diabetes	111711	7	18
Cancer (all forms)	0000	20	53
Tuberculosis (other forms)	11-111	1	60
Pulmonary Tuberculosis	111171	9	16
Meningococcic Meningitis	THIII	***	100
Acute Pollomyelitis	THE	1	
Influenza	010144401	30	79
Diphtheria	111111		
Whooping Cough		2	ro
Scarlet Fever	THIII	2000	
Measles	11 2	7	18
Typhoid and Paratyphoid			-
Number of Stillbirths	1 2	10	
Infant Mortality Rate (per 1,000 births)	22 22 22	58.1	- Confirm
Number of Deaths (under I year)	HR 4HR	37	
Death Rate per 1,000 Population	11000101-	7.8	Accounts
Number of Deaths	484088	294	ation
Birth Rate per 1,000 Population	211111111111111111111111111111111111111	16.8	Popul
Number of Births	545.04.0	637	0000
Population, 1937	1996 2839 1790 1245 2621 2796	37921	per 100
Municipality No.	421 422 423 424 424 425 455	Total	Death Rate per 100,000 Population

-	0 11 11 100
	TITIFITITI
	H H H H H H M M
	III III III III III III III III III II
	H
	- 88 -8
	-илакапричища
	N HHHH N
	THE THIRD
	0044444001-4
	111111111111111111111111111111111111111
	HEIM HEI
EER	
-	THE THE PERSON NAMED IN
RED	000- 000 0000
8	
No.	
SION	
DIVI	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	1 5 5 6 1
	888 888 888 888 888 888 888 888 888 88
	24244 M4M9OF
	000000000000000000000000000000000000000
	22228722112274
	888888112888888
	888845125 102222
	1442 1385 3166 3736 3736 1776 1776 3818 3693
	25.00 mm m

0 01-4	20	1 83	1	=	54
TITIFIT	62	60			10
101 1-00	17	28		N- -	35
71/1111	4	-			10
THIIII	1000	1000			3 3
THITT	-	-61			
04 000	26	42			35
10 H 10 H 10 H 10 H	30	20		2011 40 10 11 11 11 11	63
88224818	83	137		1004 1001 11 11 11 1	98
1 0 1 0 1 1	16	26		[19
THIT	1	- 63			
111111	63	10		1141141114	10
000000	20	833	543	000 10.401 10.401 16.	82
7 111111	63	10	HOUSE		- 00
TO HEE	12	20		11 11 11 11 11 11 11 11 11 11 11 11 11	9
THILL	4	7	MOUNTAIN		
THILIT	-	2	LND		
460000	41	68		LUN 1 404 10 110 110 110	63
THILL			ROCKY		
11-1-11	60	10	9—R(THE THE PERSON OF THE PERSON O	
FIFTI	61	63	No.	H	19
Tir-	6	12	ION		19
IIIIIII	-	63	DIVISI		
0 - - 0	18		Id	81 821 81 128 12	
100 100 46 47 46 46	61.5			26 60 60 60 60 60 60 60 60 61 77 77 77 77 77	
H01401004	73	-		H201 H20 10 H100 10 10	
0100011111	7.8			64 47 19 69 47 19	
25 10 11 11 12 13 14 17	473	tion		2222 2222 2222 2222 2222 2222	tion
220222	9.61	pula	- 511	22 131 14 15 15 15 15 15 15 15 15 15 15 15 15 15	pula
885 1042 885 885 885 885 885 885 885 885 885 88	1187	00 Pc		826 833 847 847 847 847 847 847 847 847 847 847	00 Pc
12	. 4	100.0			100.0
3228 1527 1527 2895 5387 3969 3511	60229	Death Rate per 100,000 Population		1367 2268 2268 858 858 858 858 3627	Death Rate per 100,000 Population
		Rate		parti	Rate
	Total	eath		mized	eath
	T	D		312 343 343 344 344 371 371 400 401 403 433 434 450 461 462 466 460 460 460 460 460 460 460 460 460	D
427 429 457 457 459	-	-	BRBU.	312 344 344 344 344 344 344 344 401 401 401 401 401 401 401 401 401 4	

TABLE 16.—POPULATION, BIRTHS, DEATHS, RATES AND SELECTED CAUSES OF DEATH (EXCLUDING INDIANS), BY MUNICIPALITIES (EXCLUDING CAUSE 16.—POPULATION, BY MUNICIPALITIES (EXCLUDING CAUSE 16.—POPULATION CAUSE 16.
POPULATION CAUSE 16.—POPULATION CAUSE

DIVISION No. 10-VICTORIA

Violent Deaths (suicides and homicides excepted)		6	1.4
Puerperal State	111111111111111111111111111	60	M
Mephritis (acute and	N	16	96
Appendicitis		00	10
Distribles and Enteritis (over 2 years of age)		-	
Distriboes and Enteritis (under 2 years of age)		12	10
Pneumonia (all forms)	4 4 44 4884444488	31	07
Diseases of the Arteries		22	N. C.
Heart Diseases (all forms)	HUH 10400HU 400404F0	09	30
Apopteys, cereman	1 00 0 01 1	11	0.5
Pernicious Anaemia Apoplexy, Cerebral		1	6
Dispetes	н н н н н н н н н н н н н н н н н н н	4	- 3
Cancer (all forms)	ω 'υ, 'υμ ∪υμα44ωνυ μν	38	13
Tuberculosis (other forms)	T	1	11
Pulmonary Tuberculosis		6	1.4
Meningococcic Meningitis		-	
Acute Poliomyelitis		Total Control	
Influenza	46010101010 01 11 11 11	42	67
Diphtheria		1	
Whooping Cough	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6	1.4
Scarlet Fever			
yleasles	3 1 12	7	11
Typhoid and Paratyphoid		Sec.	
Number of Stillbirths	H 1000000 0-044440	38	-
Infant Mortality Rate (per 1,000 births)	22 20 20 20 20 20 50 67 67 77 77 77 63 63 63 63	57.8	
Number of Deaths (under I year)	u u u u u u u u u u u u u u u u u u u	85	
Death Rate per 1,000 Population	0000004044000000400000	6.5	
Number of Deaths	84 4 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	405	tion
Population	22,312,122,232,122,232,842	23.6	of the
Birth Rate per 1,000	4222282428483422222	1471	OO D
Number of Births		1000	1000
Population, 1937	1968 1568 1565 2920 2920 3568 3783 3783 3783 3783 3783 3783 4703 4703 4703	62310	200
Municipality No.		Total	Donath Date and too ood Description
Range Devices I	24444455251 4444455351 551151		

[64 4444444	15	58		25 9 1 1 1 1 1 1 1 1 1
[6 H HH	9	11		
HHM 10H 10H 11H 10	20	300		8 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
N H H	4	00		18 3 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TITITITITI	1	2		
1 24 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9	11		3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	24	45		H 20 10 10 10 10 10 10 10 10 10 10 10 10 10
NO HHH4 NOHN	19	36		L L L G G
10000 40000 HD 00 10	47	68		H 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
NH	9	11		S 61 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		2 1		
ee ie iliee iliii	10	6		
H000H4400 10F0H	39			2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	17	3 74		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11111111	100	5 13		-
	_	15		9
		-	EDSON	
		-		
1004-10 0- 0000	33	62	12-	8 2 2 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1
	100	9	No.	
	1		ION	
1-111-11-1111	00	9	DIVISION	
HWH W H H	6	17	a	2 2 1 1 1 1 1 1 1 1 1 1 2 2
111111111111111111111111111111111111111	-	63		
N-00-00000	26			1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1
4301153886512 43011538886513	47.9	destina		106 106 56 67 100 45.5
4905-1811911818	51 4	-		2 8 4 8 1111 77
⊕ ⊕ ⊕ ™ ™ ∞ 4 4 ∞ ™ ⊕ ∞ ™ ⊢	6.7	-		4 6 884088 698 6
23.25 31.14 11.15 23.33	354	on		
222222222222222222222222222222222222222		ulati		119 222 228 228 228 228 228 228 228 228 22
	20.1	Pop		19 22 22 28 28 28 28 28 28 28 28 28 28 28
153 153 153 154 155 155 155 155 155 155 155 155 155	1064	0000		33 4 4 7 114 114 115 115 115 115 115 115 115 115
3681 4060 5289 3289 3289 33898 3852 3852 3652 3652 3189 3011		Death Rate per 100,000 Population		1721 33 19 7 1771 47 27 13 19 7 1771 47 27 13 19 7 13 19 7 13 19 10 10 10 10 10 10 10
0,400,400,400,400,600	166	e pe		te ts
		Rat		466 Pt. 493 522 523 523 524 525 526 526 527 527 528 528 528 528 528 528 528 528 528 528
	Total	Death		nized Total Death
	-	-		T
488 488 488 488 488 488 488 521 521 521 521 521 521 521 521 521 521				466 493 522 522 522 522 522 523 523 523 523 52

TABLE 16.—POPULATION, BIRTHS, DEATHS, RATES AND SELECTED CAUSES OF DEATH (EXCLUDING INDIANS), BY MUNICIPALITIES (EXCLUDING CITIES) TRANSFERRED TO REGULAR RESIDENCE, 1937—Continued

DIVISION No. 13-BEAVER RIVER

Aiolent Deaths (suicides		24
Puerperal State		10
chronic)		10
Appendicitis	0 1 1 1 0 1 1 1 1 1 1 1 1 1	17
Diarrhoea and Enteritis (over 2 years of age)		
Diarrhoea and Enteritis (under 2 years of age)		20
Pneumonia (all forms)		55
Diseases of the Arteries	1001110	44
Heart Diseases (all forms)	00 40HH H H H H H H H H H	7.1
Apoplexy, Cerebral Haemorrhage & Thrombosis	2 1	10
Pernicious Anaemia		1000
Diabetes		3 4
Cancer (all form:)		
Tuberculosis (other forms)		7
Pulmonary Tuberculosis		31
Meningococcic Meningitis		-
Acute Poliomyelitis		
Influenza	1100 11014 0 1	71
Diphtheria		10
Whooping Cough		7
Scarlet Fever		60
Measles	4	
Typhoid and Paratyphoid		60
Number of Stillbirths	LH4	
Infant Mortality Rate (per 1,000 births)	111 471 888 898 899 669 669 673 773 773 773 778 778 778 778 778 778 7	100
Number of Deaths (under I year)	88000 188080010101 4 1 1 1 1	3
Death Rate per 1,000 Population	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Number of Deaths	231221221221221221221221221222122212221	tion
Birth Rate per 1.000 Population	8422-4422328822	Popula
Number of Births	1132 1100 1200 1200 1200 1200 1200 1200	000
Population, 1937	921 4166 2439 2439 3014 11168 4368 11159 1032 971 17 22 17 22 25 31 31 31 31 31 31 31 31 31 31 31 31 31	er 100
Municipality No.	541 542 543 544 551 571 577 577 577 601 603 603 603 603 603 603 603 603 603 603	th Rate
	ដីគីគីគីគីដីដី ដីដូច ដូច គឺគឺគឺគាត់តាតាតាតាតាតាតា	1

-	
Z	
EON	
ш	
15	
3	
座	
5	
Ξ	
-	
OD)	
STURG	
4	
-	
-	
ó	
SON.	
No	
No.	
NOIS	
NOIS	
NOIS	
NOIS	
NOIS	

1		15	322	li	- -
	9	7	15		
I	84 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	21		
l	W 484 H	15	322		10
1		-	0.0		1111111
		4	6		17
1	MONTH	22	47		17
1	Lu luu luum lu	Ξ	24	4	
1	44444 MHHMH WHM WHM	35	75.		101
1	2 1 22	12	26		
1		-			
		63	4		
1	4004 4404 404 61 11 11	28	09		64
	Le l'illie illie illie illie	4	6		
	00)	14	30	ER	1111111
		-	100	CLEARWATER	
			1	SAR	
	04000	26	56	CLE	
			-	. 15-	THITT
	2	63	9	No.	
	- 14 11114 1111111111111111111111111111	65	9	DIVISION	11111111
	7- - % -	10	21	DIV	
li		100	-		
	92	20	- Contract		
1	151 163 184 184 184 184 184 184 184 184 184 184	29.1	- Address		125
I	@0000004 44404000 00044 H	64	-		0
ı	88488F 887887698F-45084 10 101	6.7			E 1 100 1 1 1
1	122 23 24 24 24 24 24 24 24 24 24 24 24 24 24	311	tion		THE IT
	118 118 118 118 119 120 120 120 121 121 122 123 124 125 127 127 127 127 127 127 127 127 127 127	23.2	Death Rate per 100,000 Population		11 13 30 11
The same of	1304 1000 1000 1000 1000 1000 1000 1000	1083 2	00 P		391168
1	4852 3367 3200 3200 3200 2201 11879 2259 2259 31151 11721 11		100,0		182 828 22 22 212 84 31
	812848812818888888888888888888888888888	46589	per		H00 604
		***************************************	Rate		
		al	ith I	ar I	
		Total	Des		
	5776 5778 5778 5778 6606 6607 6610 6610 6610 6610 6610 6610				613 641 642 705 706 707 709
-11	111111000000000000000000000000000000000	-	1	"	33311000

TABLE 16.—POPULATION, BIRTHS, DEATHS, RATES AND SELECTED CAUSES OF DEATH (EXCLUDING INDIANS), BY MUNICIPALITIES (EXCLUDING CITIES) TRANSFERRED TO REGULAR RESIDENCE, 1937—Continued

DIVISION No. 15-CLEARWATER-Continued

Violent Deaths (suicides and homicides excepted)		73
Puerperal State		1
Mephritis (acute and		9 40
Appendicitis		27
Diarrhoea and Enteritis (over 2 years of age)	7111111111 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13
Distrinces and Enteritis (under 2 years of age)		33 51
Pneumonia (all forms)		10
Diseases of the Arteries		13
Heart Diseases (all forms)	9	13
Apoplexy, Cerebral Haemorrhage & Thrombosis	111111111111111111111111111111111111111	13
Pernicious Ansemia		7
Disbetes		1
Cancer (all forms)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 09
Tuberculosis (other forms)		3 20
Pulmonary Tuberculosis		7
Meningococcic Meningitis		400
Acute Pollomyelitis		-
Influenza		27
Diphtheria		1 1
Whooping Cough		13
Scarlet Fever		1
Measles		7
Typhoid and Paratyphoid		111
Number of Stillbirths	1	13
Infant Mortality Rate (per 1,000 births)	1111 1111 1118 1118 1118 1118 1118	75.1
Number of Deaths (under I year)	the same and the s	22
Death Rate per 1,000 Population	9000 5 0444 9408	6.7
Number of Deaths	1004 0 0004 105 145	101 tion
Birth Rate per 1,000 Population	222 326 13117 6 6 166 124 134 134 134 134 134 134 134 134 134 13	22.2
Number of Births	22 111 111 118 118 118 117 117 117 117 117	333
Population, 1937	82 684 684 684 684 110 110 630 1181 813 814 3139 1181 814 1181 1180 1180 1180 1180	150.23 per 100
Municipality No.	parts	Total 150.23 333 22.2 101 Death Rate per 100,000 Population
	C8888884444444444444444444444444444444	

-
RIVER
EV.
_
5
•
-
2
-
10
m
ACE
-
•
œ
~
Had.
7
- 1
16
54
-
2
2
•
15
e
-
5
NOISINI
19
2
m
23
м
_

100m	13	44
-N	100	10
	t-	24
1101111111111111111111111111111111111	77	1.4
12 1422 11 11 11 11 11 11	4	14
8848 1884	21	7.1
	9	20
H40 044-11 140 141 1 1 1 1 1 1 1 1	26	880
I- I	9	20
		-
	10	17
	12	41
i e mantamatine matinam	01	7
	60	10
	1	
-01	15	51
	11	
	60	10
		1000
	00	27
94 n n n n n n n n	17	
84481488	62.9	
4000004	155	
98121-101-1-101 898187-805 991 991	6.9	
88819884141 88884948881 14	203	tion
	23.0	opula
142 22 22 23 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	1	Rate per 100.000 Population
25222388823288823288823288823288882323308		100.0
2406 474 474 474 474 6716 6716 6716 6716 67	0.1	per
parts		Rate
Par	Total	Death
739 740 741 742 769 770 771 772 820 827 828 828 831 831 831 858 859 888 889 889 889 890 891 891 891 891 891	To	De
739 7740 7741 7741 7742 7770 7771 7771 7772 7772 7772 7772 777		

Remainder of Province, comprising northern parts (including Indians):

10 000 11 000 11 000 10	35 106.4 3	16.2 35 106.4	37.2 143 16.2 35 106.4
The same of the sa			

TABLE 16.-POPULATION, BIRTHS, DEATHS, RATES AND SELECTED CAUSES OF DEATH (EXCLUDING INDIANS), BY CITIES, 1937-TRANSFERRED TO

REGULAR RESIDENCE

Violent Deaths (suicides and homicides excepted)	1 88	44	1	32	40	00	22	1 00	31
Puerperal State	60	60		7	- 00	-	-1-	-	10
Nephritis (acute and	30	34		29	34	4	29	4	42
Appendicitis	00	0		4	10	4	29		
Distributes and Enteritis (over 2 years of age)	-	7		1	1	-1	7		
Diarrhoea and Enteritis (under 2 years of age)	10	11	1	4	10	60	22	123	21
Pneumonia (all forms)	38	44		42	49	9	44	9	62
Diseases of the Arteries	54	62		73	85	9	44	12	125
Heart Diseases (all forms)	112	129		148	173	19	139	25	260
Apoplexy. Cerebral Haemorrhage & Thrombosis	38	44		23	27	9	44	-63	21
Pernicious Anaemia	- 63	-00		T	1000	H	7	-	10
Diabetes	6	10		15	17	-	-	4	42
Cancer (all forms)	82	98		91	106	17	125	10	104
Tuberculosis (other forms)	, ro	9			2000	*****	****		i
Pulmonary Tuberculosis	21	24		20	23		1000	-	10
Meningococcic Meningitis	1	1		2	2	1000	-	The same	1
Acute Poliomyelitis	10.00	100		2	2			4	42
Influenza	50	57		30	35	00	59	4	42
Diphtheria	1	1			-	-			***************************************
Whooping Cough	23	2		60	60	400	****	*****	1000
Scarlet Fever	4	7.0		60	60		****	-	1000
Measles	23	2		100		2	15	1	10
Typhoid and Paratyphoid	100	-		1000	100	-	*****		*****
Number of Stillbirths	43			30	-	9		10	-
Infant Mortality Rate (per 1,000 births)	46.3			33.0		62.0		50.0	common
Number of Deaths (under I year)	72	***************************************		40		15		9	0000000
Death Rate per 1,000 Population	7.8			7.9		8.2	1	10.5	Contract of
Number of Deaths	683	ation		089	ation	115	ation	101	ation
Birth Rate per 1,000 Population	17.9	Popul		14.1	Popul	17.7	Popul	12.5	Popul
Number of Births	1553	00000		1211	00000	242	0.000	120	0,000
Population, 1937	87034	oer 10	-	82726 1211	er 10	13646	er 10	9612	oer 10
Cities	Edmonton	Death Rate per 100,000 Population		Calgary	Death Rate per 100,000 Population	Lethbridge	Death Rate per 100,000 Population	Medicine Hat	Death Rate per 100,000 Population

-	42		4	136		-1	48
				13			-
-	-			-		-	
-	1			34		-	-
6.3	833		1	34		1	
1000	1000		1	34			1000
1000	2000		-				
1	42			-		1	48
1	42		61	89		9	289
60	125		1	34		61	96
-	42		1	34		63	96
			- 01	-		1	
	-		1100	1010		63	96
2	833		00	102		7	337
			1	34		-	1011
-	1000		****	sake.			
-		-	1000	rate.			
-			-	1			
4	167	1	67	68		-	
i	1000		-				
-	7 11		-				
	7					-	
1	-		-	2000			
	-						
-			-			1	
	- Contract		0.				
2 46			3 28		8	23	
53	***************************************		- 53			0.	
2 9	0		0 10.	c		7 13	u
67	lation		3	lation		62	lation
17.9	Popu		36.2	Popu		17.8	Popu
43	000		101	000		37	000
2400 43 17.9 22 9.2 2 46.5	Death Rate per 100,000 Population		Drumheller 2955 107 36.2 30 10.2 3 28.0	Death Rate per 100,000 Population		2074 37 17.8 27 13.0 2 54.0	Death Rate per 100,000 Population
- 23	e pe		61	e pe		60	te pe
Red Deer	n Rat			n Rat		Section.	Rat
er	Death		ller	Death		Wetaskiwin	Death
1 De	-		umhe	-	7	taski	
Red	- 1		Oru			Wet	

1937
ROVINCE,
VHOLE P
THE WE
FOR TH
AGE
K AND
BY SEX
SATH I
OF DI
CAUSES
E 17.
TABL

1 1	Not stated	:	1 111	
	and over	00 10 00		
	95-99 years 100 years	4.08		
	90-94 years	3202	00 00 10	0 to 01 00 01
	85-89 years	91	545	42-0 0-4-1 -0
	80-84 years	343 1 198 145	26 114 12	204 Hora H Hu
	75-79 years	469 3 288 1 181 1	1000	1000 H 001 00
	70-74 years	498 4 310 2 188 1	222	111111111111111111111111111111111111111
	-	456 4 289 3 167 1	241	77 1 236 1 237
	65-69 years		222	16: 100: 11: 40
	60-64 years	453 305 148		
	22-29 years	286 156	1324	
	50-54 years	393 241 152	28 88	
GES	42-49 years	260 169 91	16238	901 14
A	40-44 years	222 127 95	40 21 19	000 1 100 1
	35-39 years	203 111 92	33	
	30-34 years	92 83	22128	-
	25-29 years	150 69 81	28 28	1 1 1 1 1 1 1 1 1 1
	20-24 years	89 89	32128	
	12-19 years	158 85 73	522	
	10-14 years	114 62 52	388	
	2-9 years	469	39	004FH8H844H H8 88
	4 years	25 25 24 25 24 25 24 25 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	210	
	3 Aests	222	154	96 1 46 2 24 24
	2 years	444	465	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	I Year	171 97 74	45	1272164 628 111 111
i	Under 1 year	994	192	221-1221 25451 221-1224
-	Total	6261 3661 2600	128 576 552	22 22 23 25 25 25 25 25 25 25 25 25 25 25 25 25
-		989	-	
		Total Male Female	Total Male Female	Male Female Male Female Male Female Female Male Female Male Female Male Female Male Female Male Female Male Female
		Fe	Fe	
	CAUSES OF DEATH	DEATHS—ALL CAUSES	CLASS I.—INFECTIOUS AND PARASITIC DISEASES.	1 Typhoid fever 2 Paratyphoid fever 6 Smallpox 7 Measles 8 Scarlet fever 9 Whooping-cough 10 Diphtheria 11 Influenza (a) Sole cause (b) With bronchitis (c) With other diseases of the respiratory system (d) With other causes (f) With other causes
		DEA	CLA	

		, 1001	
-			HILLIE
			HILLIEF
11111111111111111			
THE STATE OF THE S	111111111111111111111111111111111111111	1 111-1114	
100111111111111111111111111111111111111	THE RELLE	I MILITERIA	HILLIIII
11111111 NNNN			
10H 4000	TIME PART I	1 111111111	
11 11 11 27 72	11177	I HILIHII	
			42 H
111111111111111111111111111111111111111			
1 1 21 6888			
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
1 1 2 2 2 2			
∞4∞€			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
1 1 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2		i illililia	77
	10 [11111] I	T TOTALLE	11-11-11
1	200 H		100 H
11188 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	HH	T HINDIN	DITTILITY
7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		I IIIII I	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	HE		
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1		FIFI
HHHH H H 40HM	211	TTITITI	THE THIRD
3354466 33456 3452	759 1321 421	1212 42 -	10 10 10 10 10 10 10 10 10 10 10 10 10 1
		0 0 0 0 0	
Male Female Female Female Female Female Female Male Female Male Female Male Female Male Female	Male Female Male Female Male Female Female Male Female Female Male Female	Female Male Female Male Female Male Female Male Female Male Female	Male Female Male Female Male Female Male Male
and the second s			
Total	E STOO	ex-	9 0
			9 93
	Tan Be I	ds ds	lied) liseas peral
unte)	itone cuta	(bronch lands tem	ecified) al diseas
(acute)	peritone in sub-cutai	glands glands system te)	specified)
itis (acute). itis tis tis vstem	nd peritoneum	ystem (bronch heal glands rry system acute)	not specified) venereal diseas (non-puerperal
halitis (acute) halitis ingitis ry system	ss and peritone column ss ts and sub-cuta	ritoneal glands ritoneal glands rinary system s (acute) s (Chronic)	is (not specified) ner venereal diseas nia (non-puerperal
cephalitis (acute) cephalitis aeningitis atory system	tines and peritone bral column ones oints in and sub-cutai	hatic system (bronch peritoneal glands o-urinary system gans losis (acute)	dosis (not specified) other venereal diseas aemia (non-puerperal
oencephalitis (acute) encephalitis il meningitis spiratory system	ntestines and peritone rebral column e bones e joints skin and sub-cuta	mphatic system (bronch etroperitoneal glands nito-urinary system organs rculosis (acute)	and other venereal diseas
polioencephalitis (acute) mic encephalitis oinal meningitis respiratory system	e intestines and peritone vertebral column t the bones t the joints he skin and sub-cuta	retroperitoneal glands retroperitoneal glands genito-urinary system her organs uberculosis (acute)	uberculosis (not specified) on and other venereal diseas septicaemia (non-puerperal
nd polioencephalitis (acute) idemic encephalitis rospinal meningitis the respiratory system	the intestines and peritone the vertebral column s of the bones of the joints f the skin and sub-cutaile	the lymphatic system (bronch and retroperitoneal glands the genito-urinary system other organs d tuberculosis (acute)	d tuberculosis (not specified) setion and other venereal diseasion, septicaemia (non-puerperal
epidemic encephalitis (acute) rebrospinal meningitis of the respiratory system	of the intestines and peritone of the vertebral column losis of the bones of the skin and sub-cutal issue	of the lymphatic system (bronch c and retroperitoneal glands of the genito-urinary system of other organs nated tuberculosis (acute)	nated tuberculosis (not specified) infection and other venereal diseasection, septicaemia (non-puerperal
s litis and polioencephalitis (acute) or epidemic encephalitis cerebrospinal meningitis ssis	osis of the intestines and central ne osis of the vertebral column reulosis of the bones reulosis of the joints osis of the skin and sub-cutal r tissue	teric and retroperitoneal glands b) osis of the genito-urinary system osis of other organs minated tuberculosis (acute)	minated tuberculosis (not specified) us infection and other venereal diseas infection, septicaemia (non-puerperal
nyelitis and polioencephalitis (acute) rgic or epidemic encephalitis mic cerebrospinal meningitis us culosis culosis the respiratory system	culosis of the intestines and peritone culosis of the vertebral column uberculosis of the bones culosis of the joints culosis of the skin and sub-cutalular tissue	culosis of the lymphatic system (bronch senteric and retroperitoneal glands sted) culosis of the genito-urinary system culosis of other organs isseminated tuberculosis (acute)	isseminated tuberculosis (not specified) lis coccus infection and other venereal diseasent infection, septicaemia (non-puerperal
ysipelas ysipelas ulomyelitis and polioencephalitis (acute) thargic or epidemic encephalitis idemic cerebrospinal meningitis tanus berculosis	system system berculosis of the intestines and peritone iberculosis of the vertebral column Tuberculosis of the joints Tuberculosis of the skin and sub-cutaicellular tissue	inesenteric and retroperitoneal glands cepted) berculosis of the genito-urinary system iberculosis of other organs Disseminated tuberculosis (acute)	Disseminated tuberculosis (not specified) philis onococcus infection and other venereal diseas irulent infection, septicaemia (non-puerperal
Dysentery Erysipelas Poliomyelitis and polioencephalitis (acute) Lethargic or epidemic encephalitis Epidemic cerebrospinal meningitis Tetanus Tuberculosis Tuberculosis of the respiratory system	he intestines and he vertebral colum of the bones of the joints the skin and	Tuberculosis of the lymphatic system (bronc mesenteric and retroperitoneal glands cepted) Tuberculosis of the genito-urinary system (a) Disseminated tuberculosis (acute) (b) Disseminated tuberculosis (Chronic)	(c) Disseminated tuberculosis Syphilis Gonococcus infection and other Purulent infection, septicaemia
13 Dysentery 15 Erysipelas 16 Poliomyelitis and polioencephalitis (acute) 17 Lethargic or epidemic encephalitis 18 Epidemic cerebrospinal meningitis 22 Tetanus 23 Tuberculosis 24 Tuberculosis of the respiratory system		29 Tuberculosis of the lymphatic system (bronch nesenteric and retroperitoneal glands cepted) 30 Tuberculosis of the genito-urinary system 31 Tuberculosis of other organs 32 (a) Disseminated tuberculosis (acute) (b) Disseminated tuberculosis (Chronic)	(c) Disseminated tuberculosis (not specified) 34 Syphilis 35 Gonococcus infection and other venereal diseas 36 Purulent infection, septicaemia (non-puerperal

TABLE 17.-CAUSES OF DEATH BY SEX AND AGE FOR THE WHOLE PROVINCE, 1937-Continued

	Not stated		
7 9	100 years		
	92-99 years		
	90-94 years	0.00	8 1
	82-89 years	201	91-1 01-1
80	80-84 years	228	1 1 1 2 1 20 1 20 1
		22.25	
	75-79 years	588	
	70-74 years	998	
	65-69 years		
	60-64 years	111111111111111111111111111111111111111	
	22-29 years	238	
	20-24 Aests	248	
	42-49 years	222	
AGES	40-44 years	22 33 111111111111111111111111111111111	1 1 1 1 1 1 1 1 1 1
A	32-39 years	111111111111111111111111111111111111111	5 62
	30-34 years	1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2	· •••
	Z2-Z9 years		98
	20-24 years	111111111111111111111111111111111111111	NO 11 11 11 11 11 11 11 11 11 11 11 11 11
	15-19 years	904	
	10-14 years	117 1117 111 707	' N
	2-9 years		· · · · · · · · · · · · · · · · · · ·
	4 years		
	3 years		
	Z years	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
	I year		
	Under 1 year	THE NEE	
	Total	23.85	232 272 16 16 173 173 173 174 174 174 175 175 175 175 175 175 175 175 175 175
		ale ale ale	ale
		Male Female Male Female Male Female Male Female Female Male Total Male	Male Female Male Male Male Male Female
-		CHCHCHCHCH PAL	STATISTICHALANGERICH
			Total Male Rema
		Mycoses Mycoses (a) Chickenpox (b) German measles (c) Other infectious or parasitic diseases —CANCER AND OTHER TUMOURS	Cancer and other malignant tumours Cancer of the buccal cavity and pharynx (a) Of the stomach and duodenum (b) Of the rectum (d) Of the pancreas (f) Of the peritoneum (g) Of other organs (a) Of the larynx (b) Of the lung
		RS Sea	par na
		ip o	d b mo
	H	siti	an an duc
	EA	para R T	ritty duc
	F D	or]	alig car m m
	0	les us or	m agu agu an n n n n n n n n n n n n n n n n n n
	CAUSES OF DEATH	x neas ctio	ther bu bu soph soph soph suma ctum er a nerr ritto ner
	SAU	n n n infe	d o the oee oee pa ba ba ba ba ba lar lar lar lar lar
		s s	cer and other malignant tumor cer of the buccal cavity and pl Of the stomach and duodenum Of the rectum Of the pancreas Of the peritoneum Of the peritoneum Of the larynx Of the larynx
	2 8 2 3	Malaria Mycoses (a) Chickenpox (b) German measles (c) Other infectious	Cancer and other mali Cancer of the buccal c (a) Of the stomach an (c) Of the rectum (d) Of the liver and bil (e) Of the pancreas (f) Of the peritoneum (g) Of other organs (a) Of the lung (b) Of the lung
	10 11	Mal My (a) (b)	Cancer and other malignant tumours. Cancer of the buccal cavity and phary (a) Of the stomach and duodenum (b) Of the rectum (c) Of the pancreas (d) Of the peritoneum (g) Of other organs (a) Of the larynx (b) Of the lung
		38 Malaria 43 Mycoses 44 (a) Chickenpox (b) German measles (c) Other infectious or parasitic dises CLASS II.—CANCER AND OTHER TUMOURS	
		Ser	45 -53 46 46 46
		5	

	(c) Of the mediastinum	Male	P			_		-						0	-	1	11						_			
		Female												3	1								-		1	
	(d) Of other organs of the respiratory system.	Male	-				I											-								11
		Female	1000			-	-	-	-						-								-			E
48	(a) Of the uterus	Female	21				ī	-	-		-		-		17		49	-	4	-	63	_	-		1	-
	(b) Of the cervix uteri	Female	23	-		1	T	-	1	1	-	62	1	6.3	7	63	63	Pi	-	-	1	1	-	1		1
49	Cancer of other female genital organs	Female	18	-	-	1		-		1	1	-	1	70	63	63	10	-	-	1	-	-	-			
20	Cancer of the breast	Male					T			-					1	-		-							1	-
51	(a) Of the bladder	Female Male	138		11		H		11	1	11		N	4	-	==	12	00 00	10 4	00.01	13	24			-	11
	(b) Of the kidney	Male	11	-		-			1	- 1		-		1	-	60		6.0	-	-	-	1	1			1
	(c) Of the prostate gland	Male	21	-	-	1	I	1	-	-	-							10	10	9	4	-	1			1
	(d) Of the testicles and annexa	Male	10	-	-	-	1	-	-	-		-			-	1			1	-	-	1	-			1
	(e) Of other male genito-urinary organs	Male	-	-	-	-	1	1		-		-	-	1	T	-			-	+	-	-	1			-
52	Cancer of the skin	Male		-											-	1			1	-	1 1		1			1
553	(a) Of the eye and orbit	Female Male	4 60			11	11	11	11	11		11		23	-		11		11	III	1	-				
	(b) Of the circulatory system	Female Male	-	1 1	-		11	11	11	11		11	11	11	11	11	11	11		11			11			11
		Female Male	9		11		11		11			11	11		11	-	H	111	1						11	11
	(d) Of the female urinary organs	Female Female	9.6	1 1			11	-	11	11		11	11	H	-		-	II	6.3				11		H	11
	(e) Of the bones and joints	Male	1-0	-	-	-	- 1	-				1		1	П	-		63	1	-	-					-
	(f) Of the brain	Male	201				11	11	11			11		63	11		. 63			-	1.1		11		H	11
	(g) Of the spine and spinal cord	Female Male Female		11	-		11	-			1	-		11	11	II			1 1	11			11		II	11
	(h) Of the neck	Male				1 1	11	11	11	1 1		-	1.1	11	11	11	11			1 1	11	11			11	11
	(i) Of the abdomen	Female Male		-	11	11	11	11	11	3 3	11	11	11		11		-			11		-			11	
	(j) Of other specified organs	Female Male	w en e		11		11	11	11	11		-	1.17	11	II		64	11	11		1 1			11	11	11
	(k) Multiple cancer	Male	1010	11			11	11		11			1	11	-		H	11			11		11		11	
	(m) Of unspecified or unknown location	Female Male Female	77	11									11		11	11		11		-	1 1				11	
55	Non-malignant tumours Total Male Fema	Male Female	301	1	-		-	-		-	-			614	62.4	10	0101	61	60	-	-					

TABLE 17.-CAUSES OF DEATH BY SEX AND AGE FOR THE WHOLE PROVINCE, 1937-Continued

			V	111	IT 21	WI	1311CS BRA	INCH	
	perers ton	1	-	-	111		1111 11	114	THEFT
	and over	-		1				1111	
	95-99 years 100 years	-		1				111	
	90-94 years	-	1	-					
	82-89 years	-	1	-	111				
	80-84 years	1	-		111			000	98
	12-19 years	-	-					5169	H H8 F8
	70-74 years	-	1					25.00	
		1	-	-				400	ннн , юю
	65-69 years			_	-	-		6140	H :
	60-64 years						1111 11	-	7 1111111111111111
	22-29 Aests		-	1	63	-		8118	31 11 6
C. Y	20-24 Years	7	63			-	THE I	128	2 11 2
AGES	42-49 Years	1	6/1	-	6	H		1-40	1 1 2 1 1
AC	40-44 years	1	4	1	-	T	- 111	689	* F F
	32-39 Aests	-	-	1	111	-		0.020	20 1 1 1
	30-34 Acars	-	1	1		11		9014	H2
	S2-S9 years	1	1	-	-	11	THE H	F= 63 44	H4 H
	20-24 years	1			111	T		0.410	40
	12-19 years		1		-	11	T T	60 64 11	8
		1		-	-	11		62.63	н
	10-14 years					2000	1111 11		
	2-9 years	- 1		1	111	11		10 64 65	88
	4 years			1	111	TI	THE I	2	HH IIIIIIIII
	3 years		1	1	111	1:		111	
	2 years			1	111	T			
	I year	1		1	TI	II		44	TITLE
	Under 1 year		-	1	111	11	HIII	3 10 13	
-		10	63	-	r-60	₹ :	400 : -01	91	7 28 1208
_	Total			-				6108	NH
			1						
	LE BUTLE	Female	Female	Female	Male Female Male	Female Male	Male Female Male Female Male	Total Male Female	Male Female Male Female Male Female Female Female Male Female Male Male Female
		Fen	Fen	Fen	Male Fema Male	Femal Male	Male Fema Male Fema Male Fema	SEASES OF ENDOCRINE Total DISEASES Male Fema	Male Femal Male Femal Male Femal Male Femal Male Femal
			-				99	OF	
			-				ure not specified unspecified sites.	ESE	
			-	1			d	DISEASES ENDOCI L DISEASE	
							spe	SE	
							ot	ENE	
			-	ns			n e n	A. 4	Els
	-		-	rga		1	un	HE RA	Tare and the second
	E			0			nat nat	NE	7
	E.			Ita		-	n	SE SE	0
	1			en	pu	ano	rain	SO S	ste
	ō	- 16	1	9	gla	00	spe oth	E D	Ver
	83		an	nal	id bi	ate	or unspecific	CNIC	fe isn
	CAUSES OF DEATH	var	ter	fen	orai	ost	of of sp	A D	nat nat itu:
	A:	0	n e	ier	e thy	pr	urs urs not	AN	ima ieur nell
	_		-	#	th	Of the prostate gland	Of other or unspecified sites Tumours of the brain, nature Tumours of other or unsature not specified	TIO	rh rh
	J	the	#	0					T 0 2
		Of the	of th	Of other female genital organs	Of the brain		Of Tu Tu	LEE	onic onic onic onic onic onic onic onic
		(a) Of the ovary	(b) Of the uterus	(c) Of o	(d) Of (e)	(f) Of	(g) Of other or unspecified sites (d) Tumours of the brain, nature not specified nature not specified	HI.—RHEUMATIC DISEASES, DISEASES NUTRITION AND OF THE ENDOCRI GLANDS AND OTHER GENERAL DISEASES	Acute rheumatic fever Chronic rheumatism, osteo-arthritis Gout Diabetes mellitus Scurvy Rickets
		(a) Of the	(b) Of th	(c) Of o	(d) Of (e)				
		(a) Of the	(b) Of th	(c) Of o	(d) Of (e)		(g) Of 55 (d) Tu (g) Tu nath		56 Acute rl 57 Chronic 58 Gout 59 Diabetes 60 Scurvy 63 Rickets
		(a) Of the	(b) Of th	(c) Of o	JO (b)			CLASS III.—RI NUTRI GLANI	

THE THURSDAY THE	THE THE PROPERTY OF
THE CHEET HELLIGHTEE	III THEFT I
THE PROPERTY OF	200
THE DESIGNATION OF STREET	48-
1111 - 2 11-2 1111111111111111111111111	040 111 04 104 1111
	988 111 88 1 1 1 1 1 1
111 44 144 111 111 11 11 11 11	464 [
1 1 1 1 1 1 1 1 1 1	46-
111	10000 11 11 11 11 11
	2
	2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1111 11111111111111111111111	
	N -
	N== - -
04 00 00	
1 1 12 110 E 11EE 4444	11 162553 62 23 212
Male Female	Total Male Female Male Female Male Female Female Male Female Male Female Male Female Male Female Male Male Male Female Male Female Male Male
	- C NEWFARMENTARE ME
Total Total	Too Turk
Gase	BEC 1-foo
dis	QN
hyr n s	A b
arrat	DISEASES OF THE BLOOD AND AND AND AND AND AND AND AND AND AN
d py d py (Ad	p s, p s
ry am am ism ism ism is glis glis ege	Kin blo
ooid ooid ooid ooid ooid ooid ooid oo ooid oo ooid oo ooid oo	S S S S S S S S S S S S S S S S S S S
hyr hyr cra cra cra dr thy adr issa	OF AN AN AN AN AN AN Sple
oltr ulmi ma, ma, he he he he he he he he nder nder nder nder nder nder nder nde	RG HRG HRG HRG HRG HRG HRG HRG HRG HRG H
of t t t t t t t t t t t t t t t t t t t	ASE ON THE ON TH
sases of the pituitary gases of the thyroid and glands Simple goltre Exophthalmic goltre Myxoedema, cretinism Tetany Others under this title asses of the adrenals (or general diseases Fatty or amyloid degerently others under this title	DISEASES OF THE MING ORGANS Simple purpura Haemophilia Pernicious anaemia Other anaemias Leukaemia Aleukaemia Aleukaemia (Hodghases of the spleen er diseases of the organs
	M M M M M M M M M M M M M M M M M M M
W W W W W W W W W W W W W W W W W W W	1 m
Ostro Disc (a) (b) (b) Disc (c) (c) (d) Disc (d) (d) (e) (e) (e) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f	FORMING ORGANS (a) Simple purpura (b) Haemophilla (c) Other anaemias (b) Other anaemias (c) Leukaemia (d) Aleukaemia (e) Aleukaemia (b) Aleukaemia (c) Aleukaemia (d) Aleukaemia (e) Other gpleen Other diseases of the blood and blood-forming organs
(a) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	To (a) Simple purpura (b) Haemophilia (c) Other anaemia (d) Aleukaemia (e) Aleukaemia (e) Aleukaemia (f) Aleukaemia (h) Aleukaemia

TABLE 17.—CAUSES OF DEATH BY SEX AND AGE FOR THE WHOLE PROVINCE, 1937—Continued

		V	HAL	STATI	STICS	DI	ANC	H				
	bestate toN	111	111			1	111	11	T -		1111	11 11
	100 years	TIT	111				111	H			IIII	11 11
	95-99 years	111	TIT	1 11	11	I	111	111				
	90-94 years	111	111	1 11	111		111	111			IIII	11 11
	85-89 years	111	111	1 11	9014	1	III	111	-	4-	(0)	11 11
	80-84 years	111	111	1 11	118	1	111	1 1		1-1-	9 1	21-
	75-79 years	111	111	1 11	18	1	III	TF	: 22	100	110	11 11
	70-74 years		TH	TIT	14 14 12	63	111		- 6	001	00	01=
	65-69 years	111	111	1 11	20 12 8	-		-	- 10	10 10	10	II II
			111	1 11	927+		1 1 10	2	. 4	12	H 01 :	
	60-64 years											
	22-29 years			-	15 14 15 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	-	111	-	1 6	111	6 1	-
S	50-54 years		-		225	1		7 2		1 2		
AGES	42-49 years	111			5114	61+	1	-		-63	-	11 11
4	40-44 years	0101	61	1 11	55 00 10	1	111		63	.00	HII	
	32-39 years		-		13		-		-		-	11 11
	30-34 years				00 44 44		1 1			1	HII	ПП
	25-29 years				1-40	7	111		1 1		111	HII
	20-24 years		-		000	-			-		111	
	12-19 years			1.11	0044	-			-		111	HH
	10-14 years	III	111	1 11	1-1-	1	111		-	11	TII	-
	2-9 years	1111	III	1 11	t- 00 -4	н			1 1	-	-	11 11
	4 years	TITE	TIT	1 11		1-	•				111	
	3 years	1111	TIT	THE		1					111	
	2 years	111	111	TIL	00		-				111	
	I year	THE	111	1 11	4=0	1	-		1 1		TIT	
	Under I year	THE	111	1 11	14	н	02 03		11	11	111	
-	Total	1-1-	9	-	277 174 103	12	1040	0 00	4 %	46	900	0
		111	111	1 17					1 1	111	TIT	
	E. S. S.	Total Male Female	Male Female Male	remale Male Female	ale	9 6	ale	ale	ale	ale	ale	ale
		AND INTOXICA- Total Male Femal	Male Femal Male	rema Male Fema	SYSTEM Total ENSE Male Female	Male	Male Female	Female Male	and remaie Total Male	Female Male	Female Male Female Male	Female Male Female
		CA-			EM				and star	-		
		X			ST		(8)		cerebral embolism and			9
		TO		0	SE		les		lisn			sans
		4		ani	CE		dor		oqu		Sis	3
		9		org	CIO		Sec	7	en	1	oqu	ysis
	=	A	ons	rer	NERVOUS SPECIAL		(tal	cor	ral	1	ron	ıral
	TAT	CS	cati	oth	NA	()	e e	lal	rep		#	ğ
	II I	Ž.	loxi	by	SOS	emi	tax	spir	ce	ge	and	her
	OF	SO	ns in	96	AN	bid	or a	he	ge.	rrhi	sm	ot
	ES	POISONINGS	olic	soni	OF	n-e	is	ft	rrha	mou	boli	and other paralysis, cause not
	CAUSES OF DEATH		Delirium tremens Other alcoholic intoxications	Chronic poisoning, by other organic substances	ES E	(n)	ngit	o sa	mo	Cerebral haemorrhage	Cerebral embolism and thrombosis Softening of the brain	gi i
	CA	INC	ium r al	Chronic postances	TH	tis	ieni	ease	bral haem	ral	ral	Hemiplegia specified
		HRC	elir	hron	OF	hali	m s	dis	al	reb	reb	Hemiple
	1623	V.—CHRONIC TIONS			VI,—DISEASES OF THE NERVOUS SYSTE AND OF THE ORGANS OF SPECIAL SENSE.	Encephalitis (non-epidemic)	Simple meningitis Progressive locomotor ataxia (tabes dorsalis)	Other diseases of the spinal cord	Cerebral haemorrhage,	Ce	Sos	He
		Y.E	(a)	(p)	VI	En	Sir	Oth	Ce	(a)	(e)	(b)
		SSI	12	16	SS	38	79	81	82			
		CLASS			CLASS							

ANNUAL REPORT	, 1937 55
THURHUMAN	
THE PROPERTY OF THE PARTY OF TH	689 4
THEFT	22 48
117111111111111111111111111111111111111	248 88 88
- 1144111111111111111111111111111111111	22 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	280 12 1 1 1 1 1 2 1 4
	202 122 124 136 6 9 9 6 9 6 9 6 9 6 9 9 9 9 9 9 9 9 9
	169 176 177 177 177 177 177 177 177 177 177
] r r	120 120 120 111 111 120 130 130 130 130 130 130 130 130 130 13
8 - -	113 312 312 12 14 12 10 10
* - -	25 5 5 1 1 1 0 × × ×
8 44	368 K 0 0 60 60
1 8 8 1 1 1 1 1 1 1 1	821 561 5 1 1 44 44
	# 8 6 9 HHH HHH HH
	504 60
	689 -9
	Tr4 84 010 111 11
11-10-111111111	400 00
	2
111111111111111111111111111111111111111	
THEFT	
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	
7	
407880448882000	8501 866 866 866 866 866 866 866 866 866 86
ale	ale
Male Female Male Female Female Female Female Male Female Female Female Male Female Female Male Female Male Female Male Female Female Male Female Male Female	Total Male Female Female Male Female Female Male Female Male Female Male Female
	FE E O E E
d) Total	SYSTEM Diseases of the heart Pericarditis Acute endocarditis, specified as acute (a) Endocarditis, valvular diseases Chronic endocarditis, valvular diseases (b) Endocarditis specified as chronic and other remains remains and other remains
CO	Su Su Su Su Su Su Su
	TO r 4
spi spi	LA ute ude ude ises ises iron
of a s. s. s. s. proc	(u) (u) ch
Dementia paralysis of the insane Dementia praecox Other psychoses Ppsy rulsions (under 5 years of age) re diseases of the nervous system Thorea Neuralgia and neuritis Paralysis agitans Sclerosis (other than of the spinal cord) Others under this title ases of the organs of vision Ottitis Diseases of the mastoid process	ases of the heart carditis te endocarditis, specified as Endocarditis, unspecified age) onic endocarditis, valvular Endocarditis specified as valvular diseases
yea ner ner tittl of	HE fleed city valv fleed fleed
s s s s s s s s s s s s s s s s s s s	art nsp nsp ls.
eral paralysis of the in Dementia praecox Other psychoses epsy vulsions (under 5 years er diseases of the nervo Chorea Neuralgia and neuritis Paralysis agitans Sclerosis (other than of Others under this title tases of the organs of v Otitis Diseases of the mastoid	ases of the heart carditis te endocarditis. spec Endocarditis, unsjage) onic endocarditis, waspec
alys sych sych (ur (ur es (or (or mod	SES sard ditti ditti ditti ditti
par r pu seas seas seas seas seas osis osis osis rs u of	of tis ridoc car car end end
eral paral Dementia Other psy epsy vulsions (er disease Chorea Neuralgia Paralysis Sclerosis Others ur eases of th Othtis Diseases	TEM asses cardif te endo Endo age) onic e
General paralysis of the insane (a) Dementia praecox (b) Other psychoses Epilepsy Convulsions (under 5 years of age) Other diseases of the nervous system (a) Chorea (b) Neuralgia and neuritis (c) Paralysis agitans (d) Sclerosis (other than of the spinal (e) Others under this title Diseases of the organs of vision (a) Otitis (b) Diseases of the mastoid process (b) Diseases of the mastoid process	VII.—DISEASES OF THE CIRCULATORY SYSTEM Diseases of the heart Pericarditis Acute endocarditis specified as acute (b) Endocarditis, unspecified (under 45 yage) Chronic endocarditis, valvular diseases Si (a) Endocarditis specified as chronic and valvular diseases
88 88 88 88 88	90-95 90-95
	3 6

TABLE 17.—CAUSES OF DEATH BY SEX AND AGE FOR THE WHOLE PROVINCE, 1937—Continued

-
0101
210
121
822
1733
1 278
22 22
22 27
21
473 11
100
711111
2
111111
11111
THIII
181 160 17 3 6
Male Female Male Female Male
97 Arteriosclerosis (of coronary arteries excepted) 98 Gangrene 99 Other diseases of the arteries

11 111111		111	111	111	1	11					1.1			11	
11 117111	65 14 64	III	111	111	11	H	II		14	11		1 1	11	11	111
	10 00 01	111	111	111	-	63	11			11	11	-	-	11	
H N	21 9		111	- 11		45.0	0	CAR	0 61	11	11	1 1	63 .	-	
0100	13			7	11	- T T	*	101	0 61 -	1 1	7	53	6.3	11	111
HH 1000	1842	111		6/1	11	90	0	=	0	1	11	-	60 0	9	TIII
10 10	1535	111	III	: : 02	-	00 4		12	4 :	11	TI		63.	•	
0.1-	522	7	111	111	11	9.	1	122	0	11	1.1	1 1	C1 .	7	1 11
2 42	1233	1+1	THI	TH	11	00 0	9	9	0-0	121	1 1	-	100	2	
10 1-0	233	111	111	111	11	00 0	4	60	3 .	401	11		. 9	11	63
1 181	31 20 11	144	111	11-	11	60 4		12	*		11	-	010	7	TI
NH HN	122	-	111	111	11	6/1	1.1	1	11	11	11	1 1	П	11	-
THE THIRD	2101-	-	111	TIT	11		4	000	3 .	1	11	1		-	
14 111111	16	+ 11	1111	111	11		1	101	10	11	U	1	II	11	TIII
11 11-111	9 4	111	111	111	11	6.3	H	44.0	4	1 1	11	1 1		N	1 11
STITLE III	8 6 2	HI	111	HI	-	-		00 4	4 6	9	11	1 1	11:	7	
71 1111111	61-11	-	111	1111	1 1		1	4	н	1 1	-	1 1	11	11	III
	0.00		1111	111	11	11		00	11	.01	7	1 1	11	11	1 111
THE THEFT	60 60	111	111	111		H	1 1	. 63		1	1.1	1 1	-	11	111
THE THEFT	241	111	111	111	11	11	4	010	N 04 0	9 (N	1 1	II	11	П
THEFT	YO 64 65	н	TIT	TII	TI	1 1-	4		N	II	H		TT	11	TII
11 111111	844	111	111	111	11	-	1	He	101	11	11		1 1	4	III
	2188	TITE	нн	TII	TI	4-	4 5	-	- 63	1 17	-	T		TT	T
	31 16 15	-		111	T	0.0		4 00 0	N 60 C	4 1	-			TT	TII
11 111111	161 92 69	61	H	111	H	45		16	180	2 1	-	-	TI	11	TII
0.0 64	349	0.01		119	00 PM +	1 54 1		122	377	21-0	20	T 9	12,123	2 :	60
	100001		7 7 7	1 1 1	: 1	-		-		; :	171	1 1			
Male Female Male Female Female Male Male Female	Total Male Female	Male Female Male	Female Male Female	Male Female Male	Female Male	Male Fomele	Male	Male	Male Formale	Male	Female Male	Female Male	Female Male	Male Fomele	Male Female
Diseases of the veins (varices, haemorrhoids, phlebitis, etc.) Diseases of the lymphatic system (lymphangitis, etc.) Idiopathic abnormalities of blood pressure Other diseases of the circulatory system	SYSTEM SYSTEM	Diseases of the nasal fossae and annexa (a) Croup	Other diseases of the larynx	(a) Bronchitis (acute)	(c) Bronchitis (unspecified)	(a) Bronchopneumonia	(b) Capillary bronchitis	Lobar pneumonia	Pneumonia, unspecified	Pleurisy	(a) Pulmonary embolism and thrombosis	(b) Congestion and haemorrhagic infarct of the lung, etc.		Pulmonary emphysema	(a) Chronic interstitlal pneumonia including oc- cupational diseases of the respiratory system Male Fema
100 II 101 II 102 I		104 I		901		107 (108 I	109 F	110 F	111		112 A	113 F	114 (
	CLASS	7 7				1		1	1	11	T		1	1	1

TABLE 17.—CAUSES OF DEATH BY SEX AND AGE FOR THE WHOLE PROVINCE, 1937—Continued

		***				-				•						
	Not stated		111	11			11		1 1	11	11	H		11	11	111
	100 years				III		-		11			11		11	11	111
	95-99 years		111	11	111		11		11		11	11	III	11		111
	90-94 years	1111		-11			-	11	11		11	11	11	11	11	III
	82-89 years	1111	0104	-11						11	11	-	11	103	-	- 11
	80-84 years		9101	-	III		III	-			-	11	-	-	1 1	-
	75-79 years	1111	20	11		-	11	11	11	11	-		11	6.0	1 1	
	70-74 years	1111	14 13	11			01	103	-	-	11	63	62	-	CI H	THE
	65-69 years	11-1	19	-			23	0100	6.1	11	11	T	63		63	101
	60-64 years	1115	119	63	П	П	1	TI	-	-		TI	4	63	- [100
	22-29 years	1111	40 16 16	60 -			63	00 44	11	11	H	- 63	00	0101	0101	
	20-24 Aests		39	-	1		-	10	2	-	-	11	- 4	- 1		111
AGES	42-49 years		117	117		11	.00	4	11	11	-	11	6.0	-	11	7 11
A	40-44 years	1171	282	115	1 2	11	4	60	11	11	11	1	- 10	7	-	-11
	32-39 years	101	20 111 9	-	63	-	11	:00	-	11	11	11	4	-	-	NII
	30-34 years		112	115		11	-	-	11	11	1 1	11	9	4	H	-
	22-29 years	1111	202	1 6	1	11	11	63	11	11	11	11	-	7	60	III
	20-24 years	THI	11 8	11		11	11	11	H	11	H	-	10	9	-	III
	15-19 years	TITE	8 14 22	-		-	14	11	11	11	11	11	-11	4	- 63	-11
	10-14 years	1111	15		-		11	11	-	11	11	7	4	9	11	111
	2-9 years		2200	115	101	-	11	11	11	11	-	11		0	11	III
	4 years		51-15	11-	-	II	11	11	H	III	-	-	100	-	-	-
	3 years		₽104	11			TI	11	11	11	11	11	000	0	-	III
	2 years	TIIII	9704	11-	1	-	11	11	H	TI	-	- 1	119	N :	00	TIT
	I year	TITE	14	11	III	-	11	11	1 4	-	N I	II		N :	-	III
	Under I year		38 27 25	11-		TI	11	11	-	205	25	11	11	10	110	7
-	Total	1010	96 86	10	100 00		18	23 01	9	27.0	5 × ×	00 10 0	99	142	202	Z ro ro
-	Lotolli		401	11		11	11	11	11	111	1 1	11	11	11		111
		Male Female Male Female	Total Male Female	Male Female	Female Male	Female Male	Female Male	Female Male	Female Male	Female	Female Male	Female Male	Male	Male	Male	Female Male Female
	CAUSES OF DEATH	(b) Gangrene of the lung (c) Other diseases of the respiratory system	LASS IX.—DISEASES OF THE DIGESTIVE SYSTEM.	(b) Diseases of the buccal cavity and annexa	(c) Other diseases of the pharynx	116 Diseases of the aesophagus	117 (a) Ulcer of the stomach	(b) Ulcer of the duodenum	118 Other diseases of the stomach	119 Diarrhoea and enteritis (under 2 years of age)	120 (a) Diarrhoea and enteritis (2 years and over)	(b) Ulceration of the intestines (2 years and over)	121 Appendicitis	122 (a) Hernia	(b) Intestinal obstruction	123 Other diseases of the intestines
			LAS	1		11	11		11	11	12		12	12		12

	NNUA	L REPORT, 19	937		59
		HILLIII			1 1
					T
TI DILLII IIII	111	1111111			T
11 11111111 111111	10 00 01	122			T
11 111111 - 11111	11 5	10401	1111114		T
THE RESIDENCE OF THE PARTY OF T	28 27	8 112 12	10 10	-	111
1 1 1 1 1 4 4 6 1 1	18 45 81	-1222222	12	-	I
1 22 22 1	46 36 10	1 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	T
1188 88	36	1 16 1	111111111111111111111111111111111111111	7	-
4	38		9 11 11 11		61
1 1 7 - 0	34	2 46-21-	CO		1 1
H 0 H 0 0 H	18	991 1	И		6.1
11 11 11 - 11 1-	111111	910-100-	-		F
	01-01	1001	-		1 1
TI	00 60 10	H 04		-	4
TI THEFT THE	4-0	1144111	THE STATE OF THE S	-	
14 1111111 11111	0410	6	THILLIAM		0 7
TI IIII TEIII	689	277	THITTIE	W	,
THE CHILL SERVE	211	1,00	THITTHE		
11 - 1111111 11111	62-61	1162	THEFT		
11 1111111111111		THITT		1	
71 111111111111111111111111	27-1	-11-111			
TI 1111111 111111	1111	1111111	1111111111		7
		- 11111111 - 1 1111			
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9898899	76 2 112426	60 6	8
1: 041 0010 400100				89 9	8
1 04-1 00-8 450-0-	379 1 2 248 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 116 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Male 1 Female 10 Female 4 Male 2 Female 2 Male 7 Female 16 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7 Female 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, , , p	Male	Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	379 1 2 248 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Male	as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Female Female Female Male Female Male Female Female Male Male Male	Male	ed as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Female Female Female Male Female Male Female Female Male Male Male	Male	ed as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Female Female Female Male Female Male Female Female Male Male Male	Male	ed as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s excepted) Male Female Female Male Female Female Female Female Female Female Male Female Male Female Male Female Female	Male	ed as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s excepted) Male Female Female Male Female Female Female Female Female Female Male Female Male Female Male Female Female	Male	ed as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s excepted) Male Female Female Male Female Female Female Female Female Female Male Female Male Female Male Female Female	Male	ed as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s excepted) Male Female Female Male Female Female Female Female Female Female Male Female Male Female Male Female Female	Male	ed as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s excepted) Male Female Female Male Female Female Female Female Female Female Male Female Male Female Male Female Female	Male	ed as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s excepted) Male Female Female Male Female Female Female Female Female Female Male Female Male Female Male Female Female	Male	of the uterus, not specified as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s excepted) Male Female Female Male Female Female Female Female Female Female Male Female Male Female Male Female Female	Male	of the uterus, not specified as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s excepted) Male Female Female Male Female Female Female Female Female Female Male Female Male Female Male Female Female	Male	of the uterus, not specified as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s excepted) Male Female Female Male Female Female Female Female Female Female Male Female Male Female Male Female Female	Male	of the uterus, not specified as Female
s of the liver, specified as alcoholic Female atrophy of the liver liseases of the liver ull sease of the gall-bladder and biliary Female the pancreas the pancreas cause not specified s of the liver Female The pancreas Male The pancreas Female The pancreas Female The pancreas Female The pancreas Female Female The pancreas Female	379 1 2 248 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Acute nephritis (including unspecified, under 10 years of age) Chronic nephritis Chronic nephritis Chronic nephritis Chronic nephritis Chronic nephritis Chronic nephritis Male Female Rail Female 18 Chronic nephritis, unspecified (10 years and over) Male Female 16 Chronic nephritis Male 16 Male Mal		Diseases of the male genital organs (not specified as venereal) (a) Diseases of the overy Fallopian tube and bearing not enotified as veneral	ed as Female
(a) Cirrhosis of the liver, specified as alcoholic Female (b) Cirrhosis of the liver not specified as alcoholic female (a) Yellow atrophy of the liver Female (b) Other diseases of the liver Female (c) Other diseases of the gall-bladder and biliary passages (d) Diseases of the pancreas (e) Cirrhosis of the liver Female (f) Male (f) Male (f) Male (f) Female (f) Fema	X.—DISEASES OF THE GENITO-URINARY Total 379 1 2 SYSTEM Male 248 1 1 1	Acute nephritis (including unspecified, under 10 years of age) Chronic nephritis Chronic nephritis Chronic nephritis Chronic nephritis Chronic nephritis Chronic nephritis Male Female Rail Female 18 Chronic nephritis, unspecified (10 years and over) Male Female 16 Chronic nephritis Male 16 Male Mal	Calculi of the urinary passages Arenale Diseases of the bladder (tumours excepted) Male (a) Stricture of the urethra (b) Other disease of the urethra, etc. Male Female Female Female Male Table The male The prostate The prostate of the prostate The prostate of the prostate of the prostate The prostate of	Diseases of the male genital organs (not specified as venereal) (a) Diseases of the overy Fallopian tube and bearing not enotified as veneral	of the uterus, not specified as Female
Male 1 Female 4 Female 4 Male 2 Female 2 Male 2 Female 2 Male 2 Female 14 Female 16 Female 1 Male 2 Female 3 Male 2 Female 3 Female 7	Total 379 1 2 Male 248 1 Female 131 1 1	Male 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s excepted) Male Female Female Male Female Female Female Female Female Female Male Female Male Female Male Female Female	Male	of the uterus, not specified as Female

TABLE 17.-CAUSES OF DEATH BY SEX AND AGE FOR THE WHOLE PROVINCE, 1937-Continued

	CAUSES OF DEATH	(c) Diseases of the breast, not specified a	XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE	(a) Abortion (with septic conditions)	(b) Self-induced abortion (with septic conditions) Female	(a) Abortion (without mention of septic conditions)	(b) Self-induced abortion (without mention of septic conditions)	(a) Ectopic gestation (with septic conditions)	(b) Ectopic gestation (without mention of septic	Other accidents of pregnancy (haemorrhage ex-	(a) Placenta praevia	(b) Other puerperal haemorrhages	(a) Puerperal septicaemia and pyaemia (not specified as due to abortion)	Puerperal albuminuria and eclampsia	Other toxaemias of pregnancy	(a) Puerperal phlegmasia alba dolens and thrombosis
Distance of the same		as Female	H Total	Female	Female	Female	of Female	Female	ic Female	r- Female	Female	Female	Female	Female	Female	Female
	IstoT		-	-	-		-	-				-			-	_
	Under I year	-	77		9	63		1	63	-	63	10	20	6	4	-
-	1 уеаг		-	-		-	-	1			-	-	-	-		_
	2 years	-			-		-	1	-	-	1	-		-	-	
911	3 years		-			1	1	1		1						
	4 years		1	T	-			1		-	T	T		1		1
	2-9 years	2	1		-	1			1	-		1				-
	10-14 years				-		1					-			-	-
	20-24 Vears		20		-		-	- 19			100		-	-	7.	
	25-29 years	- 1	16 13	-	1		1		-			-	-	4	1	
	30-34 years	- 1	3 19	4	63	-	- 1	-	1 1	-			9	1 2	-	
	32-39 years	- 1	17	4	61		-	-			1 1	22	63	-	1 1	
A	40-44 years	-	00	2	1	-		-		i	-	-		-	-	-
AGES	42-49 years		-			-				I	1	1	1	1	-	1
	20-24 Acers	1			1					1	1	1		-	1	-
	22-29 years			-			10 1			-	-				-	
	60-64 years	-	- 1	-	-						-		-	1		- 1
	20-24 years 62-69 years	-	-	-	-					-	ZIII	-		1	-	
	70-74 years		1	-	-	1	1	100	3		- 1	-	- 1		-	
	80-84 years	1	-	-	-		-	- 4	P :	-	- 1	-	-	- 1		-
	82-89 years	- 1	-	-	-				- 1		1		-	-	-	-
	90-94 years	-							1	1		-	-			
	92-99 Acuts	1		-				i		1	- 1	i	1			1
	100 years	1	1	1	- 1			T	1		1	1	-	1	1	- 1
	Not stated			11	-			-		1	- 1	4	- 1		1	1

							A	NN	UAL	REI	PORT,	193	1				61
	1	-	1	-	- 1	-	111	1	111		111	-	1 11		1111	rii	111
-	-		-	-			1111		111			1					
2	-		1	-			111		111			-					
	-	1	-	-	1		111				111	1					111
			1	1							111	1			111	111	
			1	1				1			111					111	
-	- 1	1	- 1	1	1	1	111	-	1 11			1		-	1 111	111	
-			-	-	-	-	111	-	111	11		1	-	1			
1000	-	-	-		- 1		111				III						
	-									-							
1	i	I		1	. 1			i	-	11	111		1 11	- 1	114	111	111
1	-	-	1	-	1/1				-		111					111	
-	-	1		-	1	. !	0101		6.1	14	111		1 1		1.1.1	114	HI
1	-	1	-		6.1	-	60.60	-		11	111	1		-	111	111	111
-	-		1		1		111	-			111	1			111		-
1 1	-	-				1				11	111	-		-			111
1	1	-	- 1	-	1	1			-	-		1	1 11		-		111
1	-	-	-	-	-		01 01		NI I		4010	010	4 : :		-		-
31		-		-	-	-	27 188	- 1							1 34 1		7 11
									-		6161	61					
-		I		-		1	111		111	11		-	1 - 1				1111
	1	1			1	1			-	11	111	1			111	111	111
	1			-										1			-
-	-			-	1	1	111	-			111	-			111	27-1-12	111
				-	1	-				-						10 10	
		-				-1	P-40	63	160	21		1	111		111	55 55 55	10-0100
63	6.1	-	-		63	67	224	616	2024	63.61	10 10 3	NO 6	, -		-	844	1-020100
Female	Female	Female	Female	Female	Female	Female	Total Male Female	Male	Male Female	Male	Total Male Female	Male	Male	le	Male Female	Total Male Female	Male Female Male
Fen	Fen	Fen	Fen	Fen	Fen	Fen	Total Male Fema	Male	Male Femal	Male	Total Male Fema	Male		Male	Mal	Total Male Fema	Male Male Femal
(b) Puerperal embolism	(c) Puerperal sudden death	(a) Caesarean operation	(b) Other surgical operations and instrumental delivery	(c) Dystocia	(d) Rupture of uterus in parturition	(b) Other or unspecified conditions of the puer-	CLASS XII.—DISEASES OF THE SKIN AND CELLULAR Total Male Fema	Carbuncle	abscess	Other diseases of the skin and annexa and of the cellular tissue	CLASS XIII.—DISEASES OF THE BONES AND ORGANS Total OF LOCOMOTION Fema	Osteomyelitis	of the bones (tuberculo	(a) Diseases of the joints (tuberculosis and rheumatism excepted)	(b) Diseases of other organs of locomotion	CLASS XIV.—CONGENITAL MALFORMATIONS	(a) Congenital hydrocephalus (b) Spina bifida and meningocele
		149 (150	X SSI	151		153	X SSI	154		156		x ssi	157
																7000	

TABLE 17.-CAUSES OF DEATH BY SEX AND AGE FOR THE WHOLE PROVINCE, 1937-Continued

	name total		111	111	1111	1	1 11	:	11	1.1	11	1.1	111
-	and over Not stated		111					-	11	11	11	11	
	100 years	111111						:	11	11	11	11	111
	95-99 years		111	11					11	TI	11	11	111
	90-94 years	11111	111					-	11	11	11	1 1	111
	85-89 years	111111	111					-	11	1 1	11	11	111
	80-84 years	111111	111						1 1	11	11	11	111
	75-79 years	111111	1 1 1 1					-	1 1		1 1	1 1	111
	70-74 years	111111	111					-	1 1	11	11	11	111
1	65-69 years	111111							-	• •	1 1		
	60-64 years												111
	22-29 years												
	20-24 years		111					11	11	11	11	11	111
AGES	45-49 years			111				11	11	11	11	11	111
A	40-44 years		111					11			11	11	111
	32-39 years		111	111				11	11	11	11	11	111
	30-34 years		111	111	1 1			11		11	11	11	111
	25-29 years		111	111	1		11	11	11	11	11	11	1111
	20-24 years	THILL	111	111			1 1	11	11	11	11	11	111
	15-19 years		111					T	11	11	11	11	
	10-14 years		111		1 1		1 1	11	11	11	II	11	
	2-9 years		111		1 1	1 1	11	11	11	11	11	H	III
	4 years	1111111	111	111	1 1	1	1 1	11	11	11	11	11	111
	3 years		TIII		1 1	T		II	II	II	H	II	TTT
	2 years		TIT		11		T	H	H	11	II	H	III
	I Year	18 1	III	111	T	1	11	11	11	11	11	11	III
	Under I year	111 118	402 238 164	20 12 149	103	1 %	35	223	24	N	-	1	8
	Total	23 20 11 11 14	402 238 164	20 12 149	103	. %	35	223	24.0	N	-	1:	8
								11		П			III
	ALE AL	Male Female Male Female Male	Total Male Female	Male Female Male	Female Male	Female Male	Female Male	Female Male	Male	Male	Male	Male	Male Female
		MANAMA	FEE	MYN				ZZ	ZZ	PM	N N	ZZ	TEL
	CAUSES OF DEATH	Congenital malformations of the heart Abnormalities Others under this title	F EARLY INFANCY		(a) Injury at birth, with mention of caesarean operation	Injury at birth, without mention of caesarean operation	Other diseases peculiar to early infancy (under 3 months) Total Male		new-born	oedema	***************************************	Others, including lack of care	No cause given, no doctor in attendance
	CAUSES	(c) Congenital malformation (d) Abnormalities (e) Others under this title	CLASS XV.—DISEASES OF EARLY INFANCY	158 Congenital debility	160 (a) Injury at bird operation	(b) Injury at birth	161 Other diseases per 3 months)	(a) Atelectasis	(b) Icterus of the new-born	(c) Sclerema and oedema	(d) Athrepsia	(e) Others, includ	(f) No cause giver

			2114	NON	11 16	LI O	111,	100								00
61 61	1 0		11	111	11			1 1	11	11	11		11		-	
			11	1111						11	11		1 1		-	
F- 6110	H04	00 : 00		1 1 1	1 1		111	11	1 1	1 1	1 1	1 1	1 1	11		
41-1-	20021	₩ 60 ==		1 1 1	1 1		111	1 1	1 1	1 1	1 1	1 1	1 1	1 1	100 +	
-			-	1011		-			11	11	11	11	11	11	: 00 k	
8 13 8 8	1004	12 14 10 9 2 5	-	1111	11		111	11	11	11	1 1		11	1 1		
5772	10174		-	111	11			. 1 1	11	11	11		1 1	11	0 10	
112		13 14 10 11 3 3	63 :	111			N : :	11	1 1	11	11	-	-	11	8 10	
3230									3 :						1	7 1 1
	1111141	24 2	-	63	-	- 0	4		11						17	4
111		25020	00.01	4			N 14	11		11	-		11	11	20 7	4
TIII		40	10	- 11	67	H	0 11	11	III	11	11	-	-	II	26	4
TIII	1111 11	24 4	961		11		•	11	11	11	101	-	-	11	16	4
THE	THE R	10.52	12	н	4	H	0-1	H	T	H	11	61	H		191	- 11
TIII		6,17,0	12.55	61	9		± 63 H	11	-	11	-	-	-	-	210	1
TIII	1111111	2234	122	4-	- 12	11		11	11	-	-		-	11	12.	111
111		16	410	-4		1			11	11	-	-	-	-	=-	- 11
TIII		18 27	21-	77	II	110	4	11	II	11	11	-	1 8	7	16	9 11
TH	1111 11	16 5	61 63	72	11	111		11	11	11	-	H	11	11	120	11
TIII	11111111	13	TI	111	111		111	11	11	11	T			11	120	•
111	1111111	8 8		111	111		111	3.5	11	1 1	111		11	1 1	100	0 1 1
1111		99		111	11		111	11	1 1	11	11	11	11	11	9	111
TIT		0.410			11		111	11	1 1	1 1	11	11	11	11	W	
111		11.09					111	11	1 1	11	1 1	11	11	1 1	100	
111		9142		111						11	11	11	11	1 1	4.	1
111		317		111			111		11	11	111	61	11	1 1	22 = 12	
1:48	28894	55 20	21	18	: 1- 00	410	4.42.10	1 1	-				9	12	4 52 5	
1-40	60 61	108	00 61	-	-		9	1 1	-	1 1	+	-			52,	
Total Male Female	Male Male Female Male Male	Total Male Female	Male	Male Female Male	Female Male Female	Male	Female Male	Female Male	Male	Male	Male	Female Male	Female Male	Female Male	Female Male	Male
Total Male Fema		Total Male Fema	Total Male Fema	Fer	Ma	Ma	Fe	Fema	Ma	Ma	-	Ma	Ma	Ma		Fer
	ver)		otal								Total			-	Total	
	d or	HS	Tabsc				50				I		nts		I	
	and	TAZ	N.				ent				-		ıme			
	ars	ū	1		1		un	ses			-		strı			
	ye ye	K	0 8		ion		ıstr	olac					in			
	70 70 ear	E	son	99	ılat		17	Ч					ng			120
	a (DE	100	nce	ngu		lng	hig					rci			ma
	1 (7 nnti (55	СП	T	sta	tra		erc	2			-	-	pie	38		ani
	or me	AC	no	sub ga	50		d	froi		ns		20	Or	iea		55
	2 4 4 :		7	ve	0	gu s	Or	50	50	nea		rm	200	u.	ps	nou
	d d	比		is u	E	2	ng u	pin	hir	1		ea	T	e.	44	101
No.	deme	OR	0	0 0	bb	2	No. of London	-		Box.		See	44	2	ea	200
ITX	ile deme senile d	INT OR	o pile	orro	angi	Irow	utti	lum	rus	ther		fir	cut	oth	dea	ver
штх	senile deme ut senile d	LENT OR	solid o	f corrosive substances y poisonous gas	y hanging or strangulation	y drowning	y cutting or piercing instruments	y jumping from high places	v crus	other.	-	by fir	by cut	by oth	ent dea	by ver
ENILITY	th senile deme thout senile d mature senili	VIOLENT OR	s by solid o	n of corros	by hangi	by drow	by cutti	lunf fq	by crus	by other	des	de by fir	de by cut	de by oth	violent dea	ed by ver
-SENILITY	With senile deme Without senile d Premature senili years)	-VIOLENT OR	ides by solid o	tion of corros	ide by hangi	ide by drow	ide by cutti	ide by jump	ide by crus	ide by other	leides	licide by fir	ticide by cut	nicide by oth	er violent dea	cked by ver
CVL—SENILITY		VIIVIOLENT OR	Suicides Suicide by solid o	tion of corror Suicide by poison	Suicide by hangi	Suicide by drow	Suicide by mea	Suicide by jump	Suicide by crus	Suicide by other	Tomicides	Homicide by fir	Homicide by cut	Homicide by oth	Other violent dea	Attacked by ver
S XVI.—SENILITY	(a) (b) (c)	S XVII.—VIOLENT OR	1 Suicides Total Salicide by solid or liquid poisons or by absorp		Suicide by	Suicide by	Suicide by	Suicide by	'0 Suicide by crushing	11 Suicide by other means	5 Homicides	73 Homicide by firearms	4 Homicide by cutting or piercing instruments	5 Homicide by other means	8 Other violent deaths	6 Attacked by venomous animals
CLASS XVI.—SENILITY		CLASS XVIIVIOLENT OR ACCIDENTAL DEATHS	163-171 Suicides 163 Suicide by solid o	tion of corror 164 Suicide by poiso	165 Suicide by hangi	166 Suicide by drow	Suicide by	169 Suicide by jump	170 Suicide by crus	171 Suicide by other	173-175 Homicides	173 Homicide by fir	174 Homicide by cut	175 Homicide by oth	176-198 Other violent dea	176 Attacked by ver

2
-
C
#
=
.9
Q
1
937
5
1-3
쁑
×
6
Б
0
×
PR
-
50
3
0
H
1
×
-
M
田
H
OR
0
压
AGE
Ü
4
0
AND
4
-
54
8
SEX
-
H
BY
H
H
0
[4]
0
-
(h)
OF
~
S
ES
SES
USES
AUSES
CAUSES
-CAUSES
CAU
CAU
17.—CAUSES
CAU
LE 17.—CAU
LE 17.—CAU
CAU
LE 17.—CAU
LE 17.—CAU
LE 17.—CAU
LE 17.—CAU

	Not stated	
	and over	
	95-99 years 100 years	
	90-94 years	
	82-89 years	
	80-84 years	H H H 1
	75-79 years	0 00 0
	70-74 years	7 7 980
	62-69 years	1 0 0 T
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	60-64 years	
	22-29 years	
	20-24 years	111111111111111111111111111111111111111
AGES	45-49 years	11 0 212 21 21
AC	40-44 years	3 3 3 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	32-39 years	113 4 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	30-34 years	7 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1
	25-29 years	1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
	20-24 years	1
	12-19 years	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	10-14 Acuts	111111111111111111111111111111111111111
	2-9 years	1111119
	4 years	
	3 years	
	2 years	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	l year	1
	Under I year	2220 1 12 6 1221-122 221-1-1055 612 1
	Total	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		Male Female Female Male Female Female Male Female Female Female Male Female Female Male Female Female Male
	CAUSES OF DEATH	177 Food poisoning 178 Accidental absorption of toxic gases 179 Other acute accidental poisonings (except by gas) 180 Conflagration 181 Accidental burns (conflagration excepted) 182 Accidental mechanical suffocation 183 Accidental injury by firearms 184 Accidental injury by firearms 185 Accidental injury by fall, crushing or landslide 186 Accidental injury by fall, crushing or landslide 187 Lightning 188 Injuries by animals 189 Excessive cold 190 Excessive heat 191 Excessive heat 192 Lightning 193 Accidents due to electric currents 194 Other accidents (a) Foreign body 196 Excessive heat 197 Accidents 198 Accidents 199 Accidents 199 Accidents 199 Accidents
	2	

		ANNUAL REPORT, 1937
11 1111	111 1111	
11 1111	111 1111	111111111111111111

11 1111		
11 1111		111111111111111111
11 1111	00 00	HILLER CHEST
H 1 1111		H : : : : : : : : : : : : : : : : : : :
	00 - 0	NH H
	63 63 1 1 63 1	1 12 3 1 1 34
	Charles In the	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0	111 1111	E) 1 1 1 2 (E)
11 1111	404 440	TABLE),
11 - 11		
61	110 1111	JINC T T T T T T T T T T T T T T T T T T T
11 11-1		PRECEDING 1 2 4 1 1 2 4 1 1 2 4 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 3 4 1 1 4 1 1 5 4 1 1 5 4 1 1 5 4 1 1 5 4 1 1 5 4 1 1 5 4 1 1 5 4 1 1 5 4 1 1 5 4 1 1 5 4 1 1 5 4 1 1 5 5 1 1 5 5 1 1 7 5 1 1 7 5 1 1 7 5 1 1 7 5 1 1 7 5 1 1 7 5 1 1 7 5 1 1 7 5 1 1 7 7 8 1 1 7 8 1 1 8 1 7 8 1 1 8 1 8 1 8 1 1 9 1
		PRE 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1
11 1111		THE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		and the second s
	4 131" L	4
	277	ALSO 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
H		A) A)
-11 1111	111 1111	(INCLUDED)
71 /1111		3
	0101	8
	2101	HS H
	924	DEATHS
∞ H H	30 33 33 18 6	
TITIL		SPECIAL CLASSES OF ACCIDENTAL Irries Male Female Female Male Female Female Male Female Female Female Female Female
ale ale	ale ale	IDE ale
Male Female Male Female Male	Total Male Female Male Female Male Female	ACCIDE Male Female Male Female Female Male Female Male Female Male Female Male Female Female Female Female Female
		4
cide		2
(асс	ATI	SS
9	DE defi	IT I
atu vn	OF.	n the last
пол	80 10	CIA s
nth nk	ns.	a se es
Others under this title ent deaths of which the natu suicide, homicide) is unknown ital punishment	CA	ruan him
nis whi	e spe	d q d q d q d q d q d q q q q q q q q q
r th	INE	an an an rote
omi omi	EF.	ness ness ness ness nuts ness ness ness ness ness ness ness ne
ur ath , h	ath eat	mi mi usec iden iden iden iden itrar itrar rtat
de de ide	HLI de	in in in can can can acc
Oth suic tal	len e o	nts nts ay ay loopi lar tra
(b) Others under this title Violent deaths of which the nature (accident, suicide, homicide) is unknown Capital punishment	XVIII.—ILL-DEFINED CAUSES OF DEATH Sudden death Cause of death not specified or ill-defined	Acidents in mines and quarries Acidents caused by machines Railway accidents Street-car accidents Automobile and motorcycle accidents Other land transportation Water transportation Air transportation
(b) Others under the Suicide, homicid suicide, homicid 198 Capital punishment	CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH 199 Sudden death 200 Cause of death not specified or ill-defined	
15	LAS 15	н с н и о и
	5	

1	1	Decemper	465 280 185	24 28 25	1111	119-	- 1 01 -	24	101	2010	1 60-
		November	317 317 185	2222		6.0	62.64	In w	- 1111	707	7
		October	497 282 215	3325	1-	927-		01 00 00 =	- 111	10 00 00	10
		September	451 274 177	30 30	-	6170	61 63		-	N	2 1
	-	AuguA	416 248 168	272		40		- 67		101	TIII
1937	503	ng	426 248 178	1210		900	144	-113		100	-00
	MONTHS	aunc	479 272 207	31 31	-	46-		91-		000	нн
THE WHOLE PROVINCE,	MC		320	443		4.0	00 H 4 H	110	101	n 00 m	- 4-
PRC		May		618		9 10	4H (0)	301	o च : ⊢ c	1882	1109
HOLE		lingA	9 606	7 129 2 71 2 58			· · ·				1881
(E W)		March	369	157 85 72 1					0-01		
R TH		February	664 365 299	233		-10004			-1001016		
S, FOR		Yannaty	573 326 247	121 67 54	-	16		26.29			C3 H C1 C3
MONTHS,		Total	6261 3661 2600	1128 576 552 2	1 (4	1881	3316	249 224 224	2420	127	4886 LZ
EACH SEX BY M			Total Male Female	Total Male Female Male Female	Male Female Male	Female Male Female Male	Female Male Female Male	Female Male Female Male	Female Male Female	Female Male Female	Male Female Male Female
TABLE 18.—CAUSES OF DEATH FOR EA		CAUSES OF DEATH	DEATHS—ALL CAUSES	CLASS I.—INFECTIOUS AND PARASITIC DISEASES 1 Typhoid fever	2 Paratyphoid fever 6 Smallpox	7 Measies 8 Scarlet fever		11 Influenza Total	(b) With bronchitis	(d) With other diseases of the respiratory system	(e) With intestinal complications (f) With other causes
-			DEA	CLA							

1	
788	
HH	H
	 - - -
1	7 7 7
- - - -	-N-
7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	171
	H :00 ; [HH ;]
	HH : :0
	H01H : : H : :
2014 - 2014 - 34 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	10 10 10
	0 0 0 0 0
Male Female Male Female Male Female Male Male Female Male Male Female Female Male Female Male Female Male Female Female Male Female Female Male Female Male Female Female Male Female Female Male Female	Female Male Male Male Female Male Male Male Male
	Female Male Female Male Female Male Male Female Female
	Female Male Female Male Female Male Female Male Female Female
S system lar tissue al. mesen-	
renchial, mesen-	
renchial, mesen-	
renchial, mesen-	
renchial, mesen-	
renchial, mesen-	
renchial, mesen-	
renchial, mesen-	
or epidemic encephalitis (acute) or epidemic encephalitis cerebrospinal meningitis sis of the respiratory system sis of the meninges and central nervous system sis of the intestines and peritoneum sis of the bones culosis of the bones culosis of the joints sis of the skin and sub-cutaneous cellular tissue sis of the lymphatic system (bronchial, mesen- and retroperitoneal glands excepted) sis of the genito-urinary system ain of other organs ainated tuberculosis (chronic) ninated tuberculosis (chronic)	cus infection and other venereal diseases:
Total Total r tissue r tissue r mesen-	Syphilis Male Male Gonococcus infection and other venereal diseases. Female Female Male Purulent infection, septicaemia (non-puerperal) Male Female Malaria Male Female Female Female
or epidemic encephalitis (acute) or epidemic encephalitis cerebrospinal meningitis sis of the respiratory system sis of the meninges and central nervous system sis of the intestines and peritoneum sis of the bones culosis of the bones culosis of the joints sis of the skin and sub-cutaneous cellular tissue sis of the lymphatic system (bronchial, mesen- and retroperitoneal glands excepted) sis of the genito-urinary system ain of other organs ainated tuberculosis (chronic) ninated tuberculosis (chronic)	cus infection and other venereal diseases:

TABLE 18.—CAUSES OF DEATH FOR EACH SEX BY MONTHS, FOR THE WHOLE PROVINCE, 1937—Continued

1 1	December	111111111111111111111111111111111111111	8 28 100000 000 400 101 1
	November	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25 88 1 8 1 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	October	111111111111111111111111111111111111111	4 8 1 8 4 1 HIR 10 10 HII
	September	23	482 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	1suguA	42	8 22 Hrs4s H4s St St
IS	Amr	111111 98	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MONTHS	nue	111111111111111111111111111111111111111	£ 461 2 41200101 1000 1 1
M	May	32	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
		48	8 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	April		8 888 800 H2 H2 H2 H2 H2 H2 H2
	March	758	
	February		
	Yannat		
	Total	2 23.00	282 283 1231 283 17 28 28
		Male Female Male Female Male Female Female Female Total	remale Male Female
	CAUSES OF DEATH	43 Mycoses 44 (a) Chicken-pox (b) German measles (c) Other infectious or parasitic diseases CLASS II.—CANCER AND OTHER TUMOURS	45-53 Cancer and other malignant tumours 45 Cancer of the buccal cavity and pharynx 46 (a) Of the aesophagus (b) Of the stomach and duodenum (c) Of the rectum (d) Of the pancreas (f) Of the partitioneum (g) Of other organs (f) Of the lung (g) Of other organs (h) Of the lung (c) Of the mediastinum

TABLE 18.—CAUSES OF DEATH FOR EACH SEX BY MONTHS, FOR THE WHOLE PROVINCE, 1937—Continued

	Decemper	1		6.1	11 11	14	60	4	00 *	-
	November		11111	н		10 10	101	-	60 : :	ППР
	October	-	N	Н	TITE	41-1-	01-1-		N II	ПППП
	September	-	THIT	-		13	6163		69	шшп
	1suguA	- 1	H-III	П	TETT	17 9 8	60 H	-4	0	ПППП
HS	Amr	1	H H	11	11 11	1.4	63.64	-	1111	ПППП
MONTHS	əunr	1	1110	-	i i i i i	10 20 10	to ro	61	67	ПППП
N	May		THILL	11		8 8	44	63	4	HIHI
	litqA					8311	H (0)	0110	N	ПППП
	Матећ	-		11		5184		4	04	111111
110	Lebruary	-1	N	11	7111	132		9	-	111711
	January	-	ППП	H	91191	10	0101		01	• 111111
-	TetoT		P-83 4	4.9	8 18	191	19	28	R I I'	4 F
		Female	Male Female Male Female Male	Male Female	Female ot Male Female Female	OTHER Total Male Female	Male Female Male	Female Male	Female Male Female	Female Male Female Male Female
	CAUSES OF DEATH	(c) Of other female genital organs	(d) Of the brain (e) Of the thyroid gland (f) Of the prostate gland	(g) Of other or unspecified sites	55 (d) Tumours of the brain, nature not specified (g) Tumours of other or unspecified sites, nature not specified	CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES	56 Acute rheumatic fever 57 Chronic rheumatism, osteo-arthritis	59 Diabetes mellitus	60 Scurvy	

99	Diseases of the thyroid and parathyroid glandsTotal Male	Male 1	60 10	63.60		24	1	-	1 6	-			-
	(a) Simple goitre	Male		1					1	1			1
	(b) Exophthalmic goitre	Male 11	27	610	He	1010	1	-	110	11	не	I ir	-
	(c) Myxoedema, cretinism	Male	-	4 1	4 [H	4	4	9	4	* [
	(d) Tetany		65	-				11	II	11	II	-	11
	(e) Others under this title	Male		11									
67	Diseases of the thymus gland		111 2	-	11	61	11	01+	-	11	11'		-
89	Diseases of the adrenals (Addison's disease)		200		11		11	7	1	H	4	1	11
69	Other general diseases Total	Female		-	-	-		1 1'	11	11	11	11	1 1
	(a) Fatty or amyloid degeneration	Male		-	н	-					11	11	-
	(c) Others under this title	Male Female					1 11	1	- 11	111			111
CLASS	CLASS IV—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	Total 52 Male 31 Female 21	2-13	400	44	1-64	104-	0001=	10.10	900	689		6161
70	(a) Simple purpura	-		1	1	-	-	Ī	-	1	10	-	1
	(b) Haemophilia		100	11		1	H	11	III	- 1	NI I	T	11
11	(a) Pernicious anaemia	Male 12	010	H	H		61	64	00		PHO	11	-
	(b) Other anaemias			4		2	11	H		11	9	11	
72	(a) Leukaemia		. eo u	-	6.3	1	11.	II	6.1	C1+	-		-
	(b) Aleukaemia (Hodgkin's disease)	Male 2	0010	7 1	111	10.10	7	11		4 6	1	-	
73	Diseases of the spleen					N	1	11	11	1 :	7		
7.4	Other diseases of the blood and blood-forming organs	Female Male Female				-	III	117		111			111
CLASS	CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS	Total Male Female	je je	Thi	1111	111				111		111	
12	(a) Delirium tremens	Male Female		11	11			II	TI	11	TT	11	

FOR THE WHOLE PROVINCE, 1937—Continued

			-					MONTHS	HS					
	CAUSES OF DEATH	foton	Total	February	Матсһ	IirqA	May	aung	Ame	1sn8n¥	September	Осторет	November	December
76	(b) Other alcoholic intoxications (d) Chronic poisoning, by other organic substances	Male Female Male Female	9 1			67	-	7111	-	1171				-111
CLASS	CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE TOTAL ORGANS OF SPECIAL SENSE Rate Fema	le le	174	1232	17 24 12 15 5 9	28	32 18 14	113	16	25 17 8	20 11	20	8331	14 2 3
78	Encephalitis (non-epidemic)	Male Female	12			2	-	63 m 6	61	61	-		11	11
80	Simple meningitis Progressive locomotor ataxia (tabes dorsalis)	Male Male	040		1 1	01-1-	.01	N	111	1 1	-	-	111	
81	Other diseases of the spinal cord	Female Male Female	- 00 T	-		-	П	-				1 1	27-	-
82	Cerebral haemorrhage, cerebral embolism and thrombosis Total	le .	28				63	NO.	61	9	61	101	6	4
	(a) Cerebral haemorrhage Male Fema	Female Male Female	46	ים מו מו	0.010	00 At 00	(~ (°) IO	10 at 10	63 m C	10 00 10	00 6/1 00	00 IO 00	01 00 01	03
	Cerebral embolism and thrombosis	Male Female	0101	1 1			-	11					-	11
	lysis, cause not specified	Female Male				I IT	-	-	-					1 01
83	General paralysis of the insane	Male Female	240	- 63	60		63	11		-	1 -	63	Н	61
84	(a) Dementia praecox (b) Other psychoses	Male Female Male	15 00 51	-	-		1 2	-	-	15	01	63	63 63	
855	Epilepsy	Female Male	44.	1 15				11		60	- 61	-	63	- ;
98	Convulsions (under 5 years of age)	Female Male Female	-100			101-	.00		111	III-		TH		- 64

(a) Chorea (b) Neuralgia and neuritis (c) Paralysis agitans (d) Sclerosis (other than of the spinal cord) (e) Others under this title (e) Others under this title 89 (a) Otitis (b) Diseases of the organs of vision 89 (a) Otitis (b) Diseases of the heart 90-95 Diseases of the heart 90 Pericarditis 91 Acute endocarditis, specified as acute (b) Endocarditis, unspecified (under 45 years of diseases (a) Endocarditis, unspecified (45 years and over diseases (b) Endocarditis, unspecified (45 years and over diseases (c) Chronic myocarditis and myocardial degene (c) Chronic myocarditis and myocardial degene

TABLE 18.—CAUSES OF DEATH FOR EACH SEX BY MONTHS, FOR THE WHOLE PROVINCE, 1937—Continued

олешрет	D	-							60 -	19	200		6.3		4			323	
ovember		-				Hite.													
	N				600			4	.01	14					163			1000	67
ctober	0	22	10	22,1	F-61			10	77	16		1		-	.00	co		4122	11
ptember	PS	23	014	16	-60	.00	63	00	000	201	12	0101		3 1	. 9	60		26 17	-
1sn3n	v	18	10	142	40	40	NO :	- 63	4-	00	10			11	12	-		24 16 8	11
III KII	ır	16	7	15.3		63 64		100	-	15	9	-	-	11	63	10	i	188	61
MONTHS III	ır	17	9 4	11	40	0100	60	6163	100	13	16	1	11	11	7	61		171	П
ay y	W	22	1 6	19	10.01	63	27-	- 2	1 - 2	181	16	-	-	11	9	9	1	2336	F
liad	V	28	9 :	22	6-7	es es		2	пп	18	14	11	-	-	00	7		52472	11
such	M	15	98	10	0101	0101	11	63	-	16	13	11	01	-	9	60	1	899	пп
Spruary	E	17	9	133	60 4t	63	11	63		11	14	-	11	П	9	-	1	888	63
Azenus	r	255	00 01	18 3	010	4	2	4	0	13	19	F	00	H	63	T	T	26 38	11
feto	T	248	132	191	38	19	27	36	10	181	160	00	-61	0	49	44	1	349 228	6.23
		Male	Female Male	Female Male	Female Male	-	Female Male	Female Male	Female Male	Female Male	Female Male	Female Male	Female Male	Female Male		Female M	Female	Total Male Female	Male Female
CAUSES OF DEATH		94 Diseases of the coronary arteries and angina Sub-total Male pectoris	(a) Diseases of the coronary arteries	(b) Embolism and thrombosis of the coronary arteries	(c) Angina pectoris	95 Other disease of the heart Sub-total	(a) Functional diseases of the heart	(b) Other and unspecified	96 .	97 Arteriosclerosis (of coronary arteries excepted)	98 Gangrene	99 Other diseases of the arteries	100 Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	101 Diseases of the lymphatic system (lymphangitis, etc.)	102 Idiopathic abnormalities of blood pressure	103 Other diseases of the circulatory system		CLASS VIII—DISEASES OF THE RESPIRATORY SYSTEM	104 Diseases of the nasal fossae and annexa

101	Carl Comment			-				100			-	-		
103	(a) Croup	Male	-	-	-	-		T	11111			-	-	-
	(b) Other diseases of the larynx	Male	H 03	-						-	1		-	
		Female	1						1	1				
106	(a) Bronchitis (acute)	Male			-			-	-	-	100	7	1	1
	(b) Bronchitis (chronic)	Female Male	- 9		-	-	01	T	1	T	1	1	-	1
		Female	60			1	1		1			н	ī	1
	(c) Bronchitis (unspecified)	Male		1	-	-		-	-	-	-	I	7	
107	(a) Bronchopneumonia	Male	124	19 1	16 9	10	12	4	7	NO.	6	9	13	14
	(b) Capillary bronchitis	Female Male	91	6	6 19		11	ro.	4	60	00	11	ro.	00
100	Tokow magamin	Female	1.00		101					i ik	11	0	TA.	1 1:
007	TOTAL DISCOURS THE PROPERTY OF	Female	19		4-	300	-1-		e 00 th	0 11	7 77	-10	201	100
109	Pheumonia, unspecified	Male	33	01-	410			10	-	03 =	-	03 -	40	ın -
110	Pleurisy	Male	1				•	1-	1	i m		-	1	
111	(a) Pulmonary embolism and thrombosis	Female Male	00	-			-	61		-				-
	of the lung etc	Female	- 9				-	-			1	-	17	н
	19:00 00 00 00 00 00 00 00 00 00 00 00 00	Female	מופ			11	1	4			-		•	63
112	Asthma	Male	52	1	3		631	1	01	1	61	631	61	-
113	Pulmonary emphysema	Female Male	13	22			01	1	4	-	1	01		-
		Female												
114	(a) Chronic interstitial pneumonia including occupational diseases of the respiratory system	Male	63		63	-				1			1	
	(c) Other diseases of the respiratory system	Female Male	10 1		11		П	67	11	1	11	11		11
		r emaile	0	-	-	10		1		I	1	-	-	
LASS	LASS IX.—DISEASES OF THE DIGESTIVE SYSTEM	Total Male Female	496 298 198	282	32, 34 18, 19 14, 15	425	22 22	227	2323	34 18 16	49 13 13	212	30	40 14 14
115	(a) Diseases of the buccal cavity and annexa	Male	10	-	-	-	0.3	63	64	1	1	1		1
	(b) Diseases of the tonsils	Female Male	12		-	11	1	T	6.3	11	60	61	11	11
	(c) Others under this title	Female Male	n 00 n	-		-	-	-	1.1	1	-	21	63	11
116	Diseases of the oesophagus	Female Male		11	N :	11	1	-	-	11	11	11	-	11
1117	(a) Ulcer of the stomach	Female Male	18	61			1 1	2	-	H	21	1	10	
	(b) Ulcer of the duodenum	Female Male	10 00 H	- 63 +	01	10	04 00 +	60	H	61	11	-	H 61+	
		remaie	0	1	17	-	7	-	-	ī	7	1	7	

TABLE 18.—CAUSES OF DEATH FOR EACH SEX BY MONTHS, FOR THE WHOLE PROVINCE, 1937—Continued

	December		36 119 17	115
	November	H 10 0 H H 10 4 0 H 10 H	212	H
	October		2238	
	September	H484 MH84HHH MH H88HN	21 21 6	TI
	1su3uA	H 000 04HHHH H	122 122 10	11
LHS	Amr	2 30004 104 1 1 1 1 1 1 1 1 1	24 18 6	-
MONTHS	nue		16 16 15	-
	May	1 000 0 10041111 1 1 1 1 1 1 1 1 1 1 1 1	1234	
	lingA		121	III
	Магећ		182	-
	February	1	1023	11
1	January	HH 2	1198	-
	Total	88888888888888888888888888888888888888	379 248 131	98
			e	e
		Male Female Male Female Male Female Male Female Female Female Female Female Female Male Female Female Male Female	Total Male Female	Male
	CAUSES OF DEATH	Other diseases of the stomach Diarrhoea and enteritis (under 2 years of age) (a) Diarrhoea and enteritis (2 years and over) (b) Ulceration of the intestines (2 years and over) (a) Hernia (b) Intestinal obstruction Other diseases of the liver, specified as alcoholic (b) Cirrhosis of the liver, not specified as alcoholic (b) Cirrhosis of the liver (c) Cirrhosis of the liver (d) Yellow atrophy of the liver (e) Other diseases of the gall-bladder and biliary passages Diseases of the pancreas Diseases of the pancreas	X.—DISEASES OF THE GENITO-URINARY SYSTEM Acute nephritis (including unspecified, under 10 years of	age)
		118 119 120 121 123 124 126 126 127 128 129	LASS 130	

The kidneys and over) Female 18 2 3 10 11 11 11 12 13 14 17 14 17 18 18 18 18 18 18 18	131	Chronic nephritis	Male	116	111	111	141	111	141	U			0	101	4.0
Nation Nation 18	139	Manhwitie unemanified (10 mone and assess	Female	79	99	100	10	100	-1-	01-	3.44		-10	77	210
National State	107	nepartus, unspectited (10 years and over)	Male	100	010	60	01-	1000	**	- 0			63.6		
Female	133	Other diseases of the kidneys and ureters	Male	16	9	-	12	1 1	2	2			N 02	-	200
Female	13	Calculi of the urinary passages	Female Male	6.9	11	1	11		-	-			1	11	63
Female 2 1 1 1 1 1 1 1 1 1	135	Diseases of the bladder (tumours excepted)	Female Male	63 4	T	11					-	-			
Ss. etc. Female Female 2 4 7 10 5 8 7 7 2 rametrium ereal) Female 10 1 2 1 2 1 1 2 1 1 2 1	136	(a) Stricture of the urethra	Female Male	21-15		11	11	-	11						H
Female 76 4 7 10 5 8 7 7 2		etc.	Female Male	2			Tel	11	11		-		-		
Table Step Table	137	Diseases of the prostate	Female Male	76	4	7	10	10	00	1		, on	00	7	64
arametrium Female 10 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 3 4 1	138	Diseases of the male genital organs (not specified as venereal)	Male	6.0		-	-						1	1	
AND THE Female 8 1 1 2 1 2 1	13	(a) Diseases of the ovary. Fallopian tube and (not specified as venereal)	Female	10	-	61	-	1		63			-		61
AND THE Total 77 10 8 10 10 6 8 7 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Female	00	Н	1	1	1	63	-			1	1	1
AND THE Total Female of septic Female conditions Female conditions Female Female Soluted Total Tot		Diseases of the breast (not specified as venereal)	Female	1	1		1	271		-		1	1	T	1
(a) Abortion (with septic conditions) (b) Self-induced abortion (with septic conditions) (c) Self-induced abortion (with septic conditions) (d) Self-induced abortion (without mention of septic conditions) (e) Self-induced abortion (without mention of septic conditions) (e) Self-induced abortion (without mention of septic conditions) (a) Ectopic gestation, with septic conditions Female (b) Ectopic gestation, without mention of septic conditions Female (c) Ectopic gestation, without mention of septic conditions Female (d) Ectopic gestation, without mention of septic conditions Female (e) Ectopic gestation, without mention of septic conditions Female (d) Female (e) Other puerperal haemorrhages (e) Other puerperal haemorrhages (f) Other puerperal septicaemia and pyaemia (g) Puerperal septicaemia and pyaemia	CLASS	AND THE	Total	11	10	00	10	10	9	00		60	NO.	00	61
(a) Abortion (with septic conditions) (b) Self-induced abortion (without mention of septic conditions) (b) Self-induced abortion (without mention of septic conditions) (c) Self-induced abortion (without mention of septic conditions) (a) Ectopic gestation, with septic conditions Female (b) Ectopic gestation, without mention of septic conditions Female (c) Ectopic gestation, without mention of septic conditions Female (d) Ectopic gestation, without mention of septic conditions Female (e) Ectopic gestation, without mention of septic conditions Female (d) Ectopic gestation, without mention of septic conditions Female (e) Ectopic gestation, without mention of septic conditions Female (d) Placenta praevia (e) Other accidents of pregnancy (haemorrhages (e) Other puerperal haemorrhages (f) Other puerperal septicaemia and pyaemia (g) Placenta praevia (h) Placenta praevia (g) Placenta praevia (h) Placen	140	(a) Abortion (with septic conditions)	Female	11	61		1	63		4	-			1	
(a) Self-induced abortion (without mention of septic conditions) (b) Self-induced abortion (without mention of septic conditions) (a) Ectopic gestation, with septic conditions Female (b) Ectopic gestation, without mention of septic conditions Female (c) Ectopic gestation, without mention of septic conditions Female (d) Ectopic gestation, without mention of septic conditions Female (e) Ectopic gestation, without mention of septic conditions Female (b) Ectopic gestation, without mention of septic conditions Female (a) Placenta praevia (b) Other puerperal haemorrhages (c) Other puerperal septicaemia and pyaemia (d) Puerperal septicaemia and pyaemia			Female	9	1	п	1	H		1			1	1	
(b) Self-induced abortion (without mention of septic conditions) (a) Ectopic gestation, with septic conditions Female (b) Ectopic gestation, without mention of septic conditions Female (c) Ectopic gestation, without mention of septic conditions Female (d) Ectopic gestation, without mention of septic conditions Female (e) Ectopic gestation, without mention of septic conditions Female (female accidents of pregnancy (haemorrhage excluded) (g) Female (g) Other puerperal haemorrhages (g) Other puerperal septicaemia and pyaemia (g) Female (g) Female (g) Female (g) Female (g) Other puerperal septicaemia and pyaemia	14	(a)	Female	60	1	1	1	-	1	-	-				
(a) Ectopic gestation, with septic conditions Female (b) Ectopic gestation, without mention of septic conditions Female (c) Ectopic gestation, without mention of septic conditions Female (d) Placenta praevia (e) Other puerperal haemorrhages (female (g) Other puerperal septicaemia and pyaemia (g) Female (g)		Self-induced abortion (without mention of septic	Female	-	-	7		1	1	1	-				
(b) Ectopic gestation, without mention of septic conditions Female 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	142	(a) Ectopic gestation, with septic conditions	Female		-						1				
Other accidents of pregnancy (haemorrhage excluded) (a) Placenta praevia (b) Other puerperal haemorrhages (c) Other puerperal septicaemia and pyaemia (a) Puerperal septicaemia and pyaemia (b) Other puerperal septicaemia and pyaemia (c) Female (d) Female (e) Female (e) 5 2 3 4 1 2 1		0	Female	6.3		1		1	1			-	•	-	-
(a) Placenta praevia Female 2 1 1 1 (b) Other puerperal haemorrhages Female 5 2 1 1 1 (a) Puerperal septicaemia and pyaemia Female 20 5 2 3 4 1 2 1	14;	Other accidents of pregnancy (haemorrhage excluded)	Female	F	-	-		-					1		
(b) Other puerperal haemorrhages (a) Puerperal septicaemia and pyaemia Female 5 2 1 1 2 1 2 1 2 1 2	14	(a) Placenta praevia	Female	23	-	1	-	-	-		1	1		i	
(a) Puerperal septicaemia and pyaemia Female 20 5 2 3 4 1 2 1		Other puerperal haemorrhages	Female	ro	1	67	1	1				1	1	T	
	14	(a) Puerperal septicaemia and pyaemia	Female	20	10	23	6.3	4	-	61			1	1	

TABLE 18.—CAUSES OF DEATH FOR EACH SEX BY MONTHS, FOR THE WHOLE PROVINCE, 1937—Continued

	Decemper	!	1	1	1		1	-	-	:	-	-	-	:	11	- :	11
	November		****	-	1			1	-	1	1	-		21-1	-	7	11
	ТэбогоО	, 1		1		.01	1	1		1	-	-	1	6161	-		-
	September		1	1		-		I	1	1	1		7	211			
	Auguat	1		1				1		T		1	1		H	118	11
LHS	nga	-	1	-	-		-	1	-		1	1	1	61 61	-	-	11
MONTHS	nue		1000	i	-	T	1	-	-	1	-	1		20-61	-	1	-
	May		60			1			-		-	-		112	11	-	-
	lingA	-	-	-	1	1	-	i	-	i	- 1	1	-	61 61		61	
	Матећ	-	61			-	-	-	1	-	-	-	-				-
	February		1	67			-		i	-	-	1	1	63 63	116	9	11
	January	-	-	н		1		-			1	1		0.01	11	+	-
	Total	-	6	4	H	63	63	1	-	-	64	-	61	23	0100	24	60.61
		Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Female	Total Male Female	Male Female		Male Female
	CAUSES OF DEATH	(b) Puerperal tetanus	6 Puerperal albuminuria and eclampsia	7 Other toxaemias of pregnancy	8 (a) Puerperal phlegmasia alba dolens and thrombosis	(b) Puerperal embolism	(c) Puerperal sudden death	149 (a) Caesarean operation	(b) Other surgical operations and instrumental delivery	(c) Dystocia	(d) Rupture of uterus in parturition	(e) Other accidents of childbirth	150 (b) Other or unspecified condition of the puerperal state	CLASS XII,—DISEASES OF THE SKIN AND CELLULAR TISSUE	1 Carbuncle		tissue
			146	147	148			63					20	55	151	153	

111	1111 1111	00 10 00		39 24 15	1119	4 6	** -
TIII		13	HH40 H0	2837	19 6	401 6	
111		9 = 10	H	30 21 9	6,1212	44 6	
	1711 1111	4,0101	81 1 1	23 17 6	2 02	0101 0	00
60.60	0	10 61 63	1 1 2 1	#21	1622	7 -	4 10 111
	7111 1111	0.413	H HHM MM	27 10 17	186	- •	19-10
	P	467	ПП ННН Н	12333	1296	44 0	1771111
THE		1-03-4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	36 20 16	10112	10.01 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	11111111	16	HH HES HS	47 26 21	21213	40 4	100 01
	IF	900	1 1 100 11 14	38 26 12	16	10 H	** -
	H	10 00 01		29 12 17	161	[0] e	000 HO
HH	THE THE	900	11100111	18	4-114	F 6	1 H H 1000
10 2 2	10 to 1	8243	121 1888881	402 238 164	20 149 103	34	882544
111							
Total Male Female	Male Female Male Female Male Female Male Female	Total Male Female	Male Female Male Female Male Female Male Female Male Female	Total Male Female	Male Female Male Female Male	Female Male Female	Female Male Female Male Female Male Female
OF T		FAH	SHCHUMCHEN	FAR			
	pted)				operation	oper 3	
THE BONES AND ORGANS	excepte and rh				ean ol	arean	
ND	sis esis e	92	eart	7	aesar	f caes	
ES A	erculo	TION	the h	ANC	o jo t	tion o	
BON	s (tub (tub) is of	ORMA	ngocel ns of	INF	ention	ment	
THE	bone	MALF	menin matio	CARE	/ith m	ithout ar to	r-born dema
OF	of the the	LAL 1	hydro nalfor es	OF F	lity .	rth, w	ne nev
TON	ases of ed)	GENT	bifida nital r malitic	ASES	debill birth at bir	at bi	asis of th
XIII.—DISEASE LOCOMOTION	Other diseases of the bones (tuberculosis excepted) (a) Diseases of the joints (tuberculosis and rheuexcepted) (b) Diseases of other organs of locomotion	CON	(a) Congenital hydrocephalus (b) Spina bifida and meningocele (c) Congenital malformations of the heart (d) Abnormalities (e) Others under this title	DISE	Congenital debility Premature birth (a) Injury at birth, with mention of caesarean	(b) Injury at birth, without mention of caesarean Other diseases peculiar to early infancy (under months)	(a) Atelectasis (b) Icterus of the new-born (c) Sclerema and oedema
XIII,—DISEASES LOCOMOTION	Ostec Other (a) I (b) I	XIV.	(a) (b) (c) (d) (d) (d) (d) (d)	XV.	Cong Prem (a) I	(b) I Other	(a) / (b) I (c) S
CLASS	154 155 156	CLASS XIV.—CONGENITAL MALFORMATIONS	157	CLASS XV.—DISEASES OF EARLY INFANCY	158 159 160	161	
10		C		C			

TABLE 18.—CAUSES OF DEATH FOR EACH SEX BY MONTHS, FOR THE WHOLE PROVINCE, 1937—Continued

		(0.01	00 00	H01 : : :	16	
	December		1010-			
	Мочетрег		137.6	444	88.84	6 1 1 3
	October	III III	10	HH1000	272	20 H H H 10 H 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	September		10 00 01	HH8H	424	104 01 HHHU H
		- -	E= 400	1440	454	104 OH H
700	tsuguA	01-101	4-6	1000	59 14 14	6 N N N
MONTHS	Yint		01010	1010 : :	10 34	H 4 8 2 2 2 1
MO	nue					
	May	20-01	00 10 10		38	96 64 4 4 4 96
	lingA	1 0 - 1	1-104	10001	32 26 6	9-1
	March	1 22 2	100001	1 000-	33	50 PH HH 4 H 1
	February	N H	9101	H 4H	2224	La la fall la la la la
	January	III-	940	40	8238	4
	Total	1 111 2	F#8	40884	473 369 104	81 82 24 24 4 4 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6
		Male Female Male Female Male Female	Total Male Female	Male Female Male Female Male	Total Male Female	Total Male Female Male
	CAUSES OF DEATH	(d) Athrepsia (e) Others, including lack of care (f) No cause given, no doctor in attendance	CLASS XVI.—SENILITY	162 (a) With senile dementia (70 years and over)	CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS	163-171 Suicides Suicide by solid or liquid poisons or by absorption of corrosive substances 164 Suicide by poisonous gas 165 Suicide by hanging or strangulation 166 Suicide by firearms 167 Suicide by firearms 168 Suicide by jumping from high places

	- - -
	17 1
	ПП
	-
111111111111111111111111111111111111111	THE
	H
	111
	2000
- 1 1 2 4 5 1 1 1 1 1 1 1 1 1	
	le le
Male Female	Female Male Female
Total Total	
ž ž	
strum strum	
firsarms cutting or piercing instruments other means deaths nomous animals ng scridental poisonings (except by arris (conflagration excepted) rowning jury by firearms jury by fall or crushing animals hirst d at to electric currents	
nstru nstru cexcept cexcept cexcept ing	
ing i gas dings i con es ation es artion es ents	
s s s s s s s s s s s s s s s s s s s	
s s s s or 1 or 1 or 1 or 1 or 1 or 1 or	
mea mea mea sarm titing titing ter r a aths nous nous nous aniccanic ming y by b	N.
ther the trush t	poq
by celes le by ce	eign
Suicide by crushing Suicide by other means Homicides Homicide by firsarms Homicide by firsarms Homicide by firsarms Homicide by other means Other violent deaths Accidental absorption of toxic gases Conflagration Accidental burns (conflagration excepted) Accidental mechanical suffocation Accidental injury by firearms Accidental injury by firearms Accidental injury by fall or crushing Injuries by animals Hunger or thirst Excessive cold Excessive heat Lightning Accidents due to electric currents	(a) Foreign body
171 171 173-175 173-175 174 176-198 177 177 178 181 181 182 183 184 185 186 186 187 188 188 188 189 189 190 190 190 190 190 190 190 190 190 19	

82

TABLE 18.—CAUSES OF DEATH FOR EACH SEX BY MONTHS, FOR THE WHOLE PROVINCE, 1937—Continued

December		H - 1114 1144 11111
November	2	-8 H H
October	0	- -
September		H 10 10 H 40H0
1suguA	9	
HS	2 2 2 2 1 1936	0 H
MONTHS June	1 1 2 1 1 1 1 1 1 1 1 TABLE)	1 2 2 1 1 2 1 1 1 1 1 1
May		1 2 4 1 2 1 1
lindA	2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Магећ		20 F
February	1 2 2 1 2 N THE	8 8 HH
January	8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4
IstoT		20 11 18 11 18 17 18 17 18 17 18 17 18 17 18 17 18 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18
	Male Female Male Female Male Female Male Female Female Male Female Mate Female Mate Female Mate Female Female Female Female	Male Female Male Female Male Female Female Male Female Male Female Male Male Male Female Male
CAUSES OF DEATH	(b) Others under this title 195 Violent deaths of which the nature (accident, suicide, homicide) is unknown 198 Capital punishment 199 Sudden death 200 Cause of death not specified or ill-defined SPECIAL CLASSES OF ACCIDENTAL D	A Accidents in mines and quarries B Accidents caused by machines C Railway accidents D Street-car accidents E Automobile and motorcycle accidents F Other land transportation G Water transportation H Air transportation

TABLE 19.—CAUSES OF DEATH BY SEX AND AGE IN EDMONTON, 1937

			ANNU	AL	RI	EP(OR'	r, 1	937								83
	Not Stated	111	111		11	11		11	11	11	11	11	11		11	11	111
	100 years	111	111	-	11					11	11	11	11	11	11	11	111
	92-99 years		111								11	11	11	TI	11		III
	90-94 years	0410		1	11					11	-	11	11	7	111	11	111
	82-89 years	36	4 4	1		1		H		11	7	11	1 1		1	111	1111
	80-84 years	323	61			I			T	-	-	III	H	-	11	II	THE
	75-79 years	32 40	2-1-		1.1	-				-	-	11	-	10	11	11	711
	70-74 years	2 50 50	E= 44.00							4	61	11	60	21		111	1111
	65-69 years	25 55	12-10-01		11					60	61		-	21.01	11	III	63
	60-64 years	250	46-						141	-	11	1 1	-		I		m
	22-29 years	36 23 8	99		1					9	-	11	4	1-1	11	-	IIII
	20-24 Aests	2442	57 00 44							60	11		6.0		11	H	-
Ages	42-49 Years	233	600-							-	-	H	H	H	11	I I	- 11
A	40-44 years	27 52 52 52 52 52 52 52 52 52 52 52 52 52	1012					1	11	-	61	11	-	7	11	III	-
	32-39 Years	31 19	4889			1					00	11	11	-	1	1 1	-
	30-34 years	19 24 24	54.0		11		1				9	-	11	4	TI,	7	IIII
	S2-S9 Years	35	5140		11	-					-	11	1 1	-	H	H	III
	20-24 years	34 20 34	241			1		-		61	-		H	7		-	111
	12-19 Acuts	8=2	900									111	11	11	II	11	III
	10-14 Years	322 8	940						11	-		11	11			-	
	2-9 years	24 10 14	88 00	1	11	-	-	60	-		21	11	-	N	11	11	III
	4 years	00 00 10	10 61 61	1	11			11	T	11	TT	TI	H	II	H	П	IIII
	2 years	f= 10 01	44		11	67			-	-	11	11	-	H	II	11	TITE
	2 years	00 44 44	10 60 61			-			-	-	-	11	II	11	III	-	- 11
	I year	18 8 10	910-	-	TI		63		11	-	11	11	II	H	II	-	THE
	Under I year	55	10 00 01			T	-	11		61	11	III	11	11	6.1	11	IIII
	Total	1083 633 450	180 97 83	-		- 4	60 44	10 -	63 63	30	1 28	-	19	0 65 6	V 60 +	- 22	e 00 H
_	1-1-10	10	-	-				101					11	TI	T	11	11111
			0		9	9	e	9	e	9		9	9				e e
	Anna	Total Male Female	Total Male Female	Male	Female Male	Female Male	Female Male	Female	Female Male	Female Male	Female Male	Female Male	Female Male	Female Male	Male	Male	Male Female
_		To Ma	Ferr	M	Fe	Fe	Fe	Fe	Fe		ME	Fe	EN		M	M	Fe
			500		-					Total				sten			
			SE							-				sys			
			EA								-			ry			
	1 7 7 7 7		DIS											rate			
			C											spi	50		
	=		E								-			e re	ion		
	ATI		\$AS											th	icat		
	DE		PAI											Jo	npl		
	E		Q										3	ases	00	ses	
	S		AN		Ti.							itis	oni	lise	nal	sans	
	CAUSES OF DEATH	ES	Sn		fev			ugh			9	one	pneumonia	er	intestinal complications	er	
	CA	NOS	OI	eve	pid		ver	00-			sans	bre	nd	oth	int	oth	-
		C	ECI	f P	oho	99	fe	ing	eriz	EZU	Sole cause	With bronchitis	With	With other diseases of the respiratory system	With	th	elas
		E	NF	Typhoid fever	Paratyphoid fever	Measles	Scarlet fever	Whooping-cough	Diphtheria	Influenza	So					(f) With other causes	Erysipelas
		A	Ţ	Tyl	Par	Me	Sca	Wh	Dip	Inf	(a)	(p)	(c)	(p)	(e)	(f)	Ery
		LHS	S	-	64	1-	00	6	10	11							15
		DEATHS—ALL CAUSES	CLASS I,—INFECTIOUS AND PARASITIC DISEASES														
		Q	C														

TABLE 19.—CAUSES OF DEATH BY SEX AND AGE IN EDMONTON, 1937—Continued

	CAUSES OF DEATH	16 Poliomyelitis and polioencephalitis (acute) 17 Lethargic or epidemic encephalitis 18 Epidemic cerebrospinal meningitis 23 Tuberculosis of the respiratory system 24 Tuberculosis of the meninges and central nervovus system 25 Tuberculosis of the intestines and peritoneum 26 Tuberculosis of the vertebral column 27 (a) Tuberculosis of the bones (vertebral column excepted) 28 Tuberculosis of the lymphatic system (bronchial male female ar tissue 29 Tuberculosis of the lymphatic system (bronchial mesenteric and retroperitoneal glands excepted) 30 Tuberculosis of the genito-urinary system 31 (a) Disseminated tuberculosis (chronic) 32 (b) Disseminated tuberculosis (not specified) 33 (c) Disseminated tuberculosis (not specified) 34 Syphilis Anale Female Female
		e ale ale ale ale ale ale ale ale ale al
	Total	2003 2001 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Under I year	
-	l year	
100	2 years	
	4 years	
	2-9 years	1
	10-14 years	
	15-19 years	111111111111111111111111111111111111111
	20-24 years	
	25-29 years	- 000
- 4	30-34 years	
Ages	40-44 years	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
es	45-49 years	114 116 4 4 11 11 11 11 11 11 11 11 11 11 11 11
	20-24 Aests	1111114040 1111111111111111111111111111
	22-29 years	
	80-64 years	
	20-24 years	
	70-74 years	
	80-84 years	
	85-89 years	
	90-94 years	
	95-99 years	
	100 years and over Not Stated	
	nama sast	

	ANNUAL REPORT, 1937	85
.1111111111111111		
THURSTIN		II
THE HILL IN		11
Thuman in		11
111111111111111111111111111111111111111		-
111111111111111111111111111111111111111	8	1.1
111111111111111111111111111111111111111	P 9	11
3116	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
900	9 1 2 1 1 1 1 1 1 1 1	-
711111111111111111111111111111111111111	=- -	TI
11118	5101-1-1-10	60
144	Zrou u u u u u	17
122 123	621 211 1 121 4	10
848	00 - 1 00 - 0	F
	64	
7111111111111	T	11
H NN	м	TI
		11
H		11
11-111111		TI
111111111111111111111111111111111111111	· · · · · · · · · · · · · · · · · · ·	11
		11
THEFT IN		11
THITTITITI		11
THE THE PARTY OF T		TI
THE STREET STREET	-Timmininininininini i	T
N== :::::::::::::::::::::::::::::::::::	PERMUNDAMENTA ON A	01
102 102 102 102 103 103 103 103 103 103 103 103 103 103		
000000		9
Male Female Male Female Male Female Female Female Female Female Male Total Male	Male Female	Male
Male Fema Male Fema Male Fema Male Fema Male Fema Male		Fe
Purulent infection, septicaemia (non-puerperal) Mycoses (a) Chicken-pox (b) German measles (c) Other infections or parasitic diseases.	cer and other malignant tumours. Total cer of the buccal cavity and pharynx Of the oesophagus Of the rectum Of the liver and biliary ducts Of the pancreas Of the peritoneum Of other organs Of the larynx Of the lung Of the uterus Of the uterus Of the cervix uteri Cer of other female genital organs	
oner	xu xu xu	-
iseau RS	arry arry from the first from the fi	
(nc di	mnon num bh	
mia ssitti	and and du du du iltal	
pari	nam ity du du du the the ger	
or CHE	alig cave cave is and and of of ale	
sles	and other malig of the buccal cav the oesophagus the stomach and the liver and bili the pancreas the peritoneum other organs the larynx the lung the mediastinum other organs of the uterus the cervix uteri of other female	sast
oox nea ectic	and other m of the buccal the oesophagu the stomach the liver and the pancreas the pancreas the partitioneu other organs the lung the mediastin other organs the uterus the uterus the cervix ut	bro
mfe un r infe	and othe but the oesop the stomm the rectum the pancr the pancr the laryn the laryn the lung the medii other org the uterus the cervii of other	the
ulent infection, septicaemia (non-pue- coses Chicken-pox German measles Other infections or parasitic diseases	cer and other malignant tumou cer of the buccal cavity and pha Of the stomach and duodenum Of the rectum Of the pancreas Of the paritoneum Of the paritoneum Of the larynx Of the mediastinum Of the uterus Of the uterus Of the cervix uteri Cer of other female genital orgi	Jo .
Mycoses (a) Chicken-pox (b) German measles (c) Other infections		Cancer of the breast
36 Purulent infection, septicaemia (non-response and Mycoses and Chicken-pox (b) German measles (c) Other infections or parasitic disea and CLASS II.—CANCER AND OTHER TUMOURS	Can (a) (b) (b) (b) (c) Can (c) (d) (d) (d) (e) (e) (e) (f) (f) (f) (f) (g) (g) (g) (g) (g) (g) (g) (g) (g) (g	Car
36 44 44 SS 1	45 46 48 48 48	20
TA	15	
0		

TABLE 19.—CAUSES OF DEATH BY SEX AND AGE IN EDMONTON, 1937—Continued

			V	ITA	L	ST.	AT	IST	ICS	В	RA	NC	H							
	Not Stated	1		-	1	1	11	11	11	11	:	11	11	11	11	11	11	11	4	11
	100 years	- 1		1	T	1	11	11	11	11	- [11	11	II	11	11	11	11	I	TI
	92-99 years	-	T	T	1	1	11	T	T	T	-		TI		11	11	T	11	1	II
	90-94 years	1	1	1			11	11	TI	11	1	11	11		11	11	11	TT		TI
	82-89 years	1	1	1		-	-	TI	TI	11	1	TI	11	II	11	11	T	TI	1	TT
	80-84 years	-	1	1	1	1	11	11	11	-	1	11	11	11	11	11	11	11	1	TI
	12-19 years	T	-	н	T	1	11	11	11	-	1		II	115	N-I	11	11	TI	-	H
	70-74 years		- 8	-	T	1	11	11	11	11	1	H	11	H	II	11		11	ī	11
	65-69 years	н		T	T	1	11	11	11	-	1	11	1 1	1	H	11	TT	TI	T	11
		-	0.1	63	-	-	11	11	11	11	-	11	TI	11	11	11	11	11		11
	60-64 years																			
	22-29 Years		- 1	1	1	- !	11		11	11	-	101	-		11	1	-	- 1	1	-
	20-24 Years		-	-	-	.:	11		-	63	-	-	11	11	11'	1	1 1		-	
Ages	45-49 years		-	1		-	11				-					11	61		-	61
Ag	40-44 years		-	1	-	- 1			11	11	-	-				11	-	N .	63	-
	32-39 years		- 1	1	1	-	11	1,1	11		-	-			11	11	11		1	11
	30-34 years		-	1	1	-	11	111	11	11	1	11'				11	11	11	1	
	S2-S9 Years	-	-	-	-	-	1 1	11	-	11	-	11	11	1 1	11	1 1	11	11	1	111
	20-24 years		- 1	1	-		1 1	11	1	11	-	1 1	111		11	1 1	11	-	-	-
	15-19 years		-				11	11		11			11	1 1	11	11		- di	- 1	
	10-14 years	-	1	-	-	-	11					1 1		11				1 10	1	
	5-9 years		-	1	1	- 1	11			11	-	1 1	-	11	11		-	11	1	11
	4 years			1	-	1					1		H		11	11	11	-	1	
	3 years	-	i	1		-		11	11	11	-	11	11	11		11	11	11		
	2 years			1	-	1		11	11		-	11	11			11	11	11	-	11
	I year		-			-	11				-				11					
	Under 1 year		-	-	1		11	1.1	11			11	11		1.1	11	11	1.1	1	11
	Total	61	4	4	1	1	7		610	01 00	63	9		1 0	71.		199	×	4	44
				-	-														-	
		le	le	le	le	le	Female Male	Female Male	Male	Female	le	Male	Male	le	Male	Male	Female Male	Female	Female	Male
		Male	Male	Male	Male	Male	Male	Male	Male	Fer	Male	Male	Male Femal	Male	Male	Male	Total Male	Fe	Fer	Male
	CAUSES OF DEATH	51 (a) Of the bladder	(b) Of the kidney	(c) Of the prostate gland	(d) Of the testicles and annexa	52 Cancer of the skin	53 (a) Of the eye and orbit	(b) Of the circulatory system	(c) Of the glandular system	(d) Of the female urinary organs	(e) Of the bones and joints	(f) Of the brain	(g) Of the spine and spinal cord	(i) Of the abdomen	(j) Of other specified organs	(k) Multiple cancer	54 Non-malignant tumours Tot	(a) Of the ovary	(b) Of the uterus	(d) Of the brain

			-	TIVI	NUZ	IL.	RE	POR	1, 1937	7						87
111111	111	11	111	11	11		11	111	111	-		11				
THIII	111	111	111	11					111	1			1	i	111	
THIII	111		III	11	II				TII	I	II					
THIII	111	11	111	11						T		H		1	111	III
HIIII	111	11	111	11	11				111	1	11	11	1	-	111	IN
THILL				-					111	1			1	1		TI
HIIIII	60 60			2		1 1	1			-						
114 111	400-		6.3	-		11					-					-
111111							*		400	01-	-					
THILL	40101		6/1	-	11	-	1	111	21-1-	T	H	4			111	TI
THILL	10 00 01	H :	111	11	1 1	110	4 :	H	2==	-		11	H	-	111	
THILL	0044	11		-	11	63.0		П	2	H					111	
111111			-				T		01 01	1		2000		T		
Timi	400	н	-	-	11	-	1			H	11	III		1	111	
111411	27-1-	H :	111	11		-				· ·	11	4		1		П
111111	10 H 61	н	III	TT	II	I	1	H	0101	H	П			1	11	
THIII	61-1-	н	111	II	11	11	-	111	111	-	11			1	111	
THIT	60 60	01	H	H	II	H-	4	III	111	-	11			T		
11111		-	111	11	11	11		III		1	I	-			11	П
111111			-	11	11		11		111	1				1	11	
THEFT		-	111	11	11		11	111	111			11		-	11	
TIPII	111	11	111	11	11					+						
111111	111			TI	III		11			1				1		
111111	111	11	111	11	11	11	il		111	1	11	11	1 1	-	11	П
THIII		11	111	H	11	11	1 1	111	111	1	11	11		T	T	ПП
THIT		11	TII	11	II	11	iir	1	111		11	11		-	11	
1122	25	410	7 5	967	11	4.5	1	1112	8	90	N 4 C	4 0	-	-		-
TIIIII	TIII			11	T		П		THE	T	11			T	11	
ale ale	l ale	ale	ale	ale	ale	ale	are	ale	l ale	-	are	ale	2	ale	1 9	ale
Male Female Male Female Male	Total Male Female	Male	Male Female Male	Female	Female Male	Male Female	Male	Male Female	Total Male Female	Male	Male	Male Female	Male	Female	Total Male Female	Male
FRENER	OF	Ed law	EL PRI EL	had had b		1	1	of Period		-	-					-
	NAN								00				ormi		CA	
es	DISEASES CRINE GLA SES								B				pd-fc		OX	
1 sit	S		100						CN				ploo		IN	
es	DICR		ritis	-				no	O A			ease	pu		9	
sit	ES, ND ISE		arth	-			d	rati	00			dis	1 30		A	
fied	DISEASES, F THE END ERAL DISE		teo-			9	glan	gene	BI			in's	oolo		des	
land peci	RAI	er	so			oitr	us p	de	HE	nia		dgk	le E		N	
uns ther	COL	fev	ism,			ic g	nym	loid	ANS	naen		(Ho	f th		OISC	
or of o	GIN	atic	mat		oitre	alm	ne ti	amy	S O RG	s ar		nia	0 8		Po	8
Of the thyroid gland Of other or unspecified sites Tumours of other or unspecified sites	UM	uma	heu		e g	ohth	of th	or	ASE	cion	emi	Aleukaemia (Hodgkin's disease)	ease		NIC	olisi
th off	HE	rhe	ic r	99	mpl	dox	es o	utty	ISE	rnic	uka	leuk	diseas		IRO.	lcoh
	HI.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS Total AND OTHER GENERAL DISEASES Fema	Acute rheumatic fever	Chronic rheumatism, osteo-arthritis Diabetes mellitus	Rickets	(a) Simple goitre	(b) Exophthalmic goitre	Diseases of the thymus gland.	(a) Fatty or amyloid degeneration	IV,—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	(a) Pernicious anaemia	(a) Leukaemia	A (Other diseases of the blood and blood-forming organs		V.—CHRONIC POISONINGS AND INTOXICA- TIONS	(b) Alcoholism
(g) (g)	EZS		D D	Ri		(b)	Di		IV.	(a		(b)			TI	
10																
18	CLASS	56	59	63	99		19	69	CLASS	71	72		74		CLASS	72

TABLE 19.—CAUSES OF DEATH BY SEX AND AGE IN EDMONTON, 1937—Continued

		VI	TAL	STA	ATIS	TICS	B	RAN	ICH		
1	betate toN	1111	11		111	111	11	11		111	
	100 years	111	11		HIT	III	II	III			
	92-99 years	111	11		111	111	TI	111		TIII	
	90-94 years	111	11		H	111	TI			00 01	THE ITEM
	82-89 years	111	11		111		11	111		13	99
	80-84 years	65 61	11		NI I					16 9	9 1
	12-19 years	000	11-	100	N	111	1 1	-		14	11 9
	70-74 years	400-	11	00 +	-		11		TIII	18 17	12 93
	65-69 years	2	11		111		11	111	1111	154	S 10
	60-64 years	1 556	1115	101			11	111	- 111	1223	2 1 1 2 1
	55-59 years	9000	-	н	N 11		11	III	-	118	00 00
	20-24 Aests	111	11		111		11	111		0104	000
90	42-49 years		11	н	III	111	H	III	TITI	3-10	91
Ages	40-44 years	TIII	11		III	111	TT	111		211	THEFT
1	32-39 years	00 01	111	Н	111	111	11	TIL		400	71 17
	30-34 years	10 63 64			III	111	H	-	TH	63 64	1 1 2
	25-29 years	21-	-				11		TIFT		FILE
	Z0-Z4 years	111	11				11	111	1111	0101	1 1 5
	12-19 years	20-21	111		111		111	III	-	111	
	10-14 years		11				T		17	111	11111111
		277	11	1 1+		1 1 1	1 1	1 1 1	1 1 1		
	2-9 years		1 1		1 1 1	111		111		111	
	4 years		11		111	1 1 1	1 1		1111	111	
	3 years		11		1 1 1		1 1	111	1111	111	11111111
	2 years	111	11		111		1 1				
	I year	01	-		III	111	11		1111	111	
	Under I year	19 90	02 03 0	1-100			-		2010	918 =	884 51 10 6
	Total	400-		-			1	1		216 125 91	2012 : III
		l Total Male Female	Male Female	Female Male	Male Female	Female Male	Female	remale Male Female	Male Female Male Female	Total Male Female	Total Male Female Male Female Male Female Male Female
	CAUSES OF DEATH	AND OF THE ORGANS OF SPECIAL SENSE.	Encephalitis (non-epidemic)			Convulsions (under 5 years of age)	(d) Sclerosis (other than of the spinal cord)	(e) Other diseases of the nervous system	(b) Diseases of the mastoid process	VII,—DISEASES OF THE CIRCULATORY SYSTEM	Diseases of the heart Pericarditis (a) Acute endocarditis (a) Chronic endocarditis, valvular diseases
		CLASS	78	82	i o	86	87		68	CLASS	90-95 90 91 92

						PORT,	1001		89
TI		III	1111	111	IIII	11 1	III	TIT	
11			MI	111	III		HI	THE	
11		TI	TIII	111			111	0101	101
TI	10100 H	64		60	0.01	-	-	44 60	
11		65 11	FFF	1115	00 cm		61		11-111111111
	-0101-	63 63 H	-	01 0	10 FO H	н	H	10 01 00	H 20 H
	01-00	00.00	I	TIP	44		HH	0101	
11 -		10-1		TIE	12 63 64	-	63 63	44	7 7 7
11	1 22	0000		1116	2	-	- 00	1 = 00 m	
TI		44.63		1 1 10	101		101	61-61	0
11	110711	63 H	1111	111	1111	11 1	- 63	00 H 01	
TI	HITTI	91	11111	н	IIII	HII	101	63.63	1 7 7 1 1 1 1
11	111111	TIII			1111	AT I	TIT	0101	- 11111111111
11	HIIII	-	1111	7	-	111	TIT	60 60	1110
TI	HIIII	-	1111	110	1111	111	111		
11		111	1111	TIL	1111	TIT	TIT	44	
11	111111		1111	TII	HIII	11 1	III	200	
11	HIIII	111	HIII	111		11. 1	П		
11		111	1111	111		11 1		III	111111111111
11	111111	111		HII	1111		111	111	
11	TITITI	TIII	TTT	TIT	1111	TIT	TII	THE	
11	111111	111	TITI	TIT	1111	TI I	111	TII	THEFT
TIT			1111	TIT			TIE		111111-111111
TI		111	1111	111		11 1	111	ro ro	7 7 7
11	111111		1111	111	HIII	11 1	111	100	INCHINA H
H : 1	00000	1000		100001	3 1/3 63	01 01	-66	33 44	2 89501182 1
			1111	111		1		111	
9	9 9 9		9 9	9 9	0 0		0 0		
200				-					
na na	mal le le mal	mal le	mal le mai	nal hal	nal nal	nal nal	le nal	tal le male	le male le le male le l
Male Female Male		Male Female Male	Female Male Female Male	Female Male Female	Male Female Male Female		Female Male Female	Total Male Female	Male Female Male Female Male Female Male Female Male Female Male Male Female Male
0 1							Femal Male Femal	Total Male Female	Male Female Male Male Male Female Male Female Female Male Female Male Female
0 1								Total Male Female	
0 1									
0 1	s and over)								
0 1	s and over)								
0 1	s and over)				arteries excepted)	ices, haemorrhoids,			
0 1	s and over)				arteries excepted)	ices, haemorrhoids,			
0 1	s and over)				arteries excepted)	ices, haemorrhoids,			
0 1	s and over)	thrombosis of the coronary			arteries excepted)	ices, haemorrhoids,			
0 1	s and over)	thrombosis of the coronary			arteries excepted)	ices, haemorrhoids,			
0 1	s and over)	thrombosis of the coronary			arteries excepted)	ices, haemorrhoids,			
0 1	s and over)	thrombosis of the coronary			arteries excepted)	ices, haemorrhoids,			
0 1	s and over)	thrombosis of the coronary			arteries excepted)	ices, haemorrhoids,			
0 1	s and over)	Embolism and thrombosis of the coronary arteries Angina pectoris	Functional diseases of the heart Other and unspecified diseases of the heart		arteries excepted)	ices, haemorrhoids,			
(b) Endocarditis, unspecified (45 years and over) Male Fema (c) Chronic myocarditis and myocardial degeneration	Myocarditis, unspecified (45 years and over) Diseases of the coronary arteries	thrombosis of the coronary			arteries excepted)	s of the arteries the veins (varices, haemorrhoids, etc.)	Idiopathic abnormalities of blood pressure		Diseases of the nasal fossae and annexa (a) Bronchopneumonia Lobar pneumonia Pemale Female Female
Endocarditis, unspecified (45 years and over) Chronic myocarditis and myocardial degeneration	s and over)	Embolism and thrombosis of the coronary arteries Angina pectoris	Functional diseases of the heart Other and unspecified diseases of the heart		Gangrene Gangrene Cangrene Cangrene	ices, haemorrhoids,		VIII.—DISEASES OF THE RESPIRATORY SYSTEM	Diseases of the nasal fossae and annexa (a) Bronchopneumonia Lobar pneumonia Pneumonia, unspecified Pleurisy (a) Pulmonary embolism and thrombosis
(b) Endocarditis, unspecified (45 years and over) (c) Chronic myocarditis and myocardial degeneration	(d) Myocarditis, unspecified (45 years and over) (a) Diseases of the coronary arteries	Embolism and thrombosis of the coronary arteries Angina pectoris	(a) Functional diseases of the heart (b) Other and unspecified diseases of the heart	Aneurysm (except of the heart)	Gangrene Gangrene Cangrene Cangrene	Other diseases of the arteries Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	Idiopathic abnormalities of blood pressure		Diseases of the nasal fossae and annexa (a) Bronchopneumonia Lobar pneumonia Pneumonia, unspecified Pleurisy (a) Pulmonary embolism and thrombosis

TABLE 19.—CAUSES OF DEATH BY SEX AND AGE IN EDMONTON, 1937—Continued

		VITAL STATISTICS BRANCH
1	Not Stated	
-	100 years and over	
	95-99 years	
	90-94 years	
	85-89 years	н
	80-84 years	
	75-79 years	
	70-74 years	77
	65-69 years	
	8169 years	
	55-59 years	
	20-24 Aests	
89	42-49 Years	
Ages	40-44 years	- 104- -
	32-39 years	1 1 44 1 1 1 2 1 1 1 1 1 1 1 1
	30-34 years	
	25-29 years	
	20-24 years	
	15-19 years	1111 14 404 111111111111111111111111111
	10-14 years	11111400
	5-9 years	
	4 years	
	3 years	
	Z years	
	1 year	::::::::::::::::::::::::::::::::::::::
	Under 1 year	
	Total	100 100 100 100 100 10 10
	ERES	
		Male Female Female Female Female Female Female Male Female Female Female Female Male Female Male Female Female Male Female Female Male Female Female Male Female Female Female Male Female Female Female Female Female Male Female Female Female Female Male Female
-		2 2
		e B B G Cove
		rt o
		far
		i in
		ity EST
-	E	rrh n n n n n n n n n n n n n n n n n n n
)EA	moom all sills sills sills sills estitis
	4	hae hae the cept to hae to hae to hae to hae to hae to had
	0	s s o e x o
	SE	f th yf the he will the of of obs
	CAUSES OF DEATH	disc disc disc disc disc disc disc disc
	0	Congestion and haemorrhagic lung, etc. ma Other diseases of the respirat (tuberculosis excepted) Diseases of the buccal cavity a Diseases of the tonsils Others under this title Ulcer of the stomach are diseases of the stomach rhoea and enteritis (under 2 plarrhoea and enteritis (under 2 plarrhoea and enteritis (2 year of the intestines (2 hernia) Hernia
	12 7 100	Congestion and haemorrhagic infarct of the lung, etc. hma Other diseases of the respiratory system (tuberculosis excepted) Diseases of the buccal cavity and annexa Diseases of the tonsils Others under this title Ulcer of the atomach er diseases of the stomach rhoea and enteritis (under 2 years of age) Diarrhoea and enteritis (2 years and over) Ulceration of the intestines (2 years and over) Hernia Intestinal obstruction
		(b) Congestion and haemorrhagic infarct of the lung, etc. Asthma (c) Other diseases of the respiratory system (tuberculosis excepted) X.—DISEASES OF THE DIGESTIVE SYSTEM (a) Diseases of the buccal cavity and annexa (b) Diseases of the tonsils (c) Others under this title (a) Ulcer of the stomach (b) Ulcer of the stomach Other diseases of the stomach Diarrhoea and enteritis (under 2 years of age) (a) Diarrhoea and enteritis (2 years and over) (b) Ulceration of the intestines (2 years and over) Appendicitis (a) Hernia (b) Intestinal obstruction
		ASS 1114 1115 1115 1115 1115 1115 1115 11
		5

					*			-	EP	OIL	., .								
11 1				111		1 1			11		11			11		8		1	
		1 1	-			1 1	11	1 1	1 1		1 1			11	-	-	-	-	+
		1 1	-		4 4	3 3	1 1	1 1	1 1	3 3					-	-	- 5	-	-
	111	11	1		11	1 1	11		11		11	11	1 1			1	*	1	-
	111	-			-	7	11	7	11										
111	111	11	1		940	N		NH	11	11	-		1	-	1	1	1	1	T
-	111	11	1	III	10.10	1 1	11	11	11	-	11	11	1 1			- 8		1	1
-		-	-		010	-	4.	-			1 1	171		NO.			-	-	-
	10101	T word	-							101	of and	1 1				-	-	4	-
11 1		-			10		IO							6.5					
TIT	121	11	1		00 10 0		-	- 1	501	11	1 1		1 1	-	1	1	-	1	T
11 1	111	11		-	128	4 -	9,		- 6	4	1 1				-	-			1
6.3	-	6.1			10.01	,			H										
TIT	111	-	1		f= 00 .	4	010	N .		4	11	11	-	11	- 1	1		1	1
TIT	III	н	1	III		TI	H	T	TT	II	III	11		T	I	T	-		T
111	111	11	1	III	01 04	-	H	11	11	11	11	11		11		-	00	н	-
THE	1 1 1	111	-	1 1 1	01 .	N :	11	1 1	101	1 1	10.10	1 1			-	-	63	-	-
	1 1 1	1 1	-		0101				1	1 1							61	-	-
11 1					-		-	11		11				11		-	-		1
TII					6161		61										63		-
								11									-		-
TIH	III	11		H	111	1 1	11	11	II	TI	11	I	1			1		1	1
															- 10				
HIL	111	11	1			1 1	11	1.1	11	11	H		1	11	10	1		-	
TIL	III	11	I	-	11	1 1	11	H	11	11	11	11				1		1	1
TIT	111	TI		111	11	II	H	II	11	TI	H			III				1	T
			-	111	11	1 1	11	I		11	11	TT				1	-	7	-
TIT	111																		
							-	1 1	1.1	1 1	111	1 1		11		-	- 1	1	-
11 1							-									1		1	1
					1 1	-	11									1		-	1
11 1				09		-	11	100	100		100		-			1	13	1	65
11 1				1 1 1	1 1	-	11	180			100		-			1	13	1	1
	0 e	400	- I		75 1 1	2 2	723		0100	++0	121	9 9	-	14	T	1	£1	1	3
le 1: 4	0 e	460	1	9 9	75 1 1	2 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	723		0100	++0	121	9 9	1	14	T	1	-	1	3
Male I	Female 3 Male 5	Male 4 Female 3			75 1 1	Female 23 1 1 Male 2	723		0100	+	NOV	Male 1	Yale 1	le 14	Female 1	Female 1	Total 1	Female 1	3
le 1	Female 3 Male 5	Male 4 Female 3	1	9 9	75 1 1	Female 23 1 1 Male 2	723		0100	++0	121	9 9	Yale 1	14	Female 1	Female 1	Total 1	1	3
Male 1 as Male 4	Female 3 Male 5	Male 4 Female 3	1	9 9	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	723		0100	++0	Male 2	9 9	Yale 1	14	para- Female 1	Female 1	Total 1	1	3
Male 1 as Male 4	Female 3 Male 3 Female 5	Male 4 Female 3	1	9 9	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	723	Female	Female 2 Wale 3	++0	Male 2	9 9	Yale 1	14	para- Female 1	Female 1	Total 1	1	3
Male 1 as Male 4	Female 3 Male 3 Female 5	Male 4 Female 3	1	9 9	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	723	Female	Female 2 Wale 3	++0	Male 2	9 9	Yale 1	14	nd para- Female 1	Female 1	Total 1	Female 1	3
Specified as Male 1	Female 3 Male 3 Female 5	Male 4 Female 3	1	9 9	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	723	Female	Female 2 Wale 3	++0	Male 2	9 9	Yale 1	14	nd para- Female 1	Female 1	Total 1	Female 1	3
not specified as Male 4	Female 3 Male 3 Female 5	Male 4 Female 3	1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	723	Female	Female 2 Wale 3	Female 4	Male 2	9 9	Yale 1	14	nd para- Female 1	Female 1	Total 1	Female 1	3
not specified as Male 4	Female 3 Male 3 Female 5	Male 4 Female 3	1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	723	Female	Female 2 Wale 3	Female 4	Male 2	r emale Male Male	Yale 1	14	nd para- Female 1	Female 1	Total 1	Female 1	3
not specified as Male 4	Female 3 Male 3 Female 5	Anti-bladder and bilary Male 4 Female 3	Male 1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	723	Female	Female 2 Wale 3	Female 4	Male 2	r emale Male Male	Yale 1	Female 14	nd para- Female 1	Female 1	Total 1	Female 1	3
not specified as Male 4	Female 3 Male 3 Female 5	Anti-bladder and bilary Male 4 Female 3	Male 1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	723	Female	Female 2 Wale 3	Female 4	Male 2	r emale Male Male	Yale 1	Female 14	nd para- Female 1	Female 1	Total 1	Female 1	3
not specified as Male 4	Female 3 Male 3 Female 5	Anti-bladder and bilary Male 4 Female 3	Male 1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	723	Female	Female 2 Wale 3	Female 4	Male 2	r emale Male Male	Yale 1	Female 14	nd para- Female 1	Female 1	Total 1	Female 1	3
not specified as Male 4	Female 3 Male 3 Female 5	Anti-bladder and bilary Male 4 Female 3	Male 1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	Female 1 Wale 25	Female	Female 2 Wale 3	Female 4	Kale 2	r emale Male Male	Yale 1	Female 14	nd para- Female 1	Female 1	Total 1	Female 1	3
not specified as Male 4	Female 3 Male 3 Female 5	Anti-bladder and bilary Male 4 Female 3	Male 1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	Female 1 Wale 25	Female	Female 2 Wale 3	Female 4	Kale 2	r emale Male Male	Yale 1	Female 14	nd para- Female 1	Female 1	Total 1	Female 1	3
not specified as Male 4	Female 3 Male 3 Female 5	Anti-bladder and bilary Male 4 Female 3	Male 1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	Female 1 Wale 25	Female	Female 2 Wale 3	Female 4	Kale 2	r emale Male Male	Yale 1	Female 14	nd para- Female 1	Female 1	Total 1	Female 1	3
not specified as Male 4	Female 3 Male 3 Female 5	Anti-bladder and bilary Male 4 Female 3	Male 1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	Female 1 Wale 25	Female	Female 2 Wale 3	Female 4	Kale 2	r emale Male Male	Yale 1	Female 14	nd para- Female 1	Female 1	Total 1	Female 1	3
not specified as Male 4	Female 3 Male 3 Female 5	Anti-bladder and bilary Male 4 Female 3	Male 1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	Female 1 Wale 25	Female	Female 2 Wale 3	Female 4	Kale 2	Stricture of the urethra	Other diseases of the urethra, urinary abscess, remare etc.	Female 14	Of the ovary, Fallopian tube and parametrium (not specified as venereal)	Of the uterus (not specified as venereal) Female 1	Total 1	Female 1	Self-induced abortion (with septic conditions) Female 3
not specified as Male 4	Female 3 Male 3 Female 5	Anti-bladder and bilary Male 4 Female 3	Male 1	9 9	Total 75 1 1 Wale 52	including unspecified, under 10 Male 23 1 1 Male 2	Female 1 Male 25		0100	++0	121	r emale Male Male	Yale 1	s of the prostate Female 14	nd para- Female 1	Female 1	Total 1	1	3
Other diseases of the intestines Male I Female I Female I Alcoholic) Cirrhosis of the liver (not specified as Male 4	Biliary calculi Male 3	Other diseases of the gail-bladder and billary Male 4 Passages Female 3	Diseases of the pancreas 1 Females 1	Peritonitis, cause not specified Female Female	X.—DISEASES OF THE GENITO-URINARY Fotal 75 1 1 SYSTEM	Acute nephritis (including unspecified, under 10 Male 23 1 1 Male 2	Chronic nephritis Male 25	Nephritis, unspecified (10 years and over) Male	Other diseases of the kidneys and ureters Male 3	Calculi of the urinary passages Male 1	Diseases of the bladder (tumours excepted) Male 2	(a) Stricture of the urethra	Other diseases of the urethra, urinary abscess, remare etc.	Diseases of the prostate Female 14	(a) Of the ovary, Fallopian tube and parametrium (not specified as venereal)	Of the uterus (not specified as venereal) Female 1	XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE Total	(a) Abortion (with septic conditions) Female 1	Self-induced abortion (with septic conditions) Female 3
not specified as Male 4	Biliary calculi Male 3	Anti-bladder and bilary Male 4 Female 3	Male 1	Male Female	Total 75 1 1 Wale 52	Female 23 1 1 Male 2	Female 1 Wale 25	Female	Female 2 Wale 3	Female 4	Kale 2	Stricture of the urethra	Other diseases of the urethra, urinary abscess, remare etc.	Female 14	Of the ovary, Fallopian tube and parametrium (not specified as venereal)	Of the uterus (not specified as venereal) Female 1	Total 1	Female 1	Self-induced abortion (with septic conditions) Female 3

TABLE 19.—CAUSES OF DEATH BY SEX AND AGE IN EDMONTON, 1937—Continued

			VII	AL	SI	ATIST	ics	BK	INCH				
	Not Stated	1	- 1	1	1	111		1 1	1 111	11	11	111	11
	and over		-	1	1	111		T			11	111	TI
	95-99 years		-	1				11	TILL	11	II		11
	90-94 years	1	1	-	1	111	1	1 1		111	11	111	11
	85-89 years		1	1		111		1 1		11		111	11
	80-84 years	-	- 1	-			-			- 11	TT	111	TI
	75-79 years	-	-	-		111				11	1.1	111	14
	70-74 years		-	-	-			1 1		11	-		11
	65-69 years		1	-	1			1 1		- 11	TI	111	711
	60-64 years	-	i	-	1		T	1.1		11	-11	111	II
	22-29 years			-						11	11	111	11
	50-54 years	-	1	-			T	TT			11		
80	42-49 years			-		0101	63			-11	11	111	11
Ages	40-44 years	-		1	-		-	1 1			11	111	11
	32-39 years		-	1	н		-				II		TT
	30-34 years	64	1	-			1						11
	25-29 years	-	-	-						11	11	111	
	20-24 years	-	1	-				-		11	111	111	-
	15-19 years		1	-	1			1 1	27-1		11		-
	10-14 years		1	-	1		П			н		111	
	2-9 years		11	-	-					- 11	11		
	4 years	1	1	-	+					-11	T	111	11
	3 years		1		-	111			711	11	11		H
	2 years	- 1		- 1		111		1 1		11	11		11
	I year			-	-		-			-11	11	63 63	-
		1	-	-	-	111	-			-	11	85-11	-
	Under I year	4	61	-	61	10 4 -	4		10 00 01	0101	-	Sloo 4	- 63
	Total				-							21.1	
		ale	ale	ale	ale	ale	9]0	Male	le	ale	ale	ale	ale
		Female	Female	Female	Female	Total Male Female	Male	Male	Total Male Female	Male	Male Female	Total Male Female	Male
		ie F	1	1	Pic.	H H	26	of EM	S		_	HAR	24
	CAUSES OF DEATH	(a) Puerperal septicaemia (not specified as due to abortion)	Puerperal albuminuria and eclampsia	(b) Puerperal embolism	(c) Puerperal sudden death	XII.—DISEASES OF THE SKIN AND CELLULAR Total Male	Cellulitis, acute abscess	Other diseases of the skin and annexa and the cellular tissue	XIII—DISEASES OF THE BONES AND ORGANS Total OF LOCOMOTION Male Fema	o of the bears (telepronelled)	page of the page o	CLASS XIV.—CONGENITAL MALFORMATIONS	(a) Congenital hydrocephalus
		(a) Puer to	Puerpera	b) Puer	(c) Puer	CII.—DIS TISSUE	Cellulitis	Other d	III—DIS	Osteomyelitis	cepted)	IV.—CO	(a) Cong
		145	146 I	148 (152 (153		154 0		SS X	157 (
			-	1		CLASS	-		CLASS			CLA	-

IIIIII				VOM	REP	On1,	195	7					93
	111	1111	1111	11	111	11	11	111	13	11		111	111
TITLE	TIT	1111	1111	TI	TIT	TI	TI	TIT			TT		111
THILL	111	THE	TITT	TI	111	11	11	111	11	11	11	111	111
	111	TITT		111		-	11	0 0					111
111111	TIT	1111		11		-	11	111	11		11		111
THIT	111	1111	1111	11	40101	0101	T	60 60	13		11		111
THEFT	111	1111	THIT	11	HIE	11	11	CO CO		11	111		
THE		1111		11				:	13		Ti		
111111	111	1111	1111	11	111	11	11	2121	11				111
THILL	111	THIE	11111	11		II	-	1 37 6			11		111
111111				1.1		111	TI	9101	60	-	-		THI
1111111	TIT		Titi			-11	TT	10 4 11	-	11		-	III
111111	111				TII	11	11	0101	11		111		111
		1111		11			11	48-					
THIT		1111		11	111	11	Ħ	9101	च	-	H :-		111
THILL	111	1111	1111			11	II	40-			111		111
				11		11		CO == C3	-				111
Time	111	1111	1111	11				65 63 =	1		111		111
711111		1111	1111			11	T		-	-	11		
77777	111				111	1 1	11	111		11			
										The same			
111111	111			11		11			-11				
	111			11		11		27					111
111111	111	1 1 1 1	1111	11				111		-		H	
I I I I I I	111	1111	1111	11	-	11	11				11		
H4H0704	22	12021	4400	12			111						
					1-1001	1 1	1 10		0 2	4.01		1013	
-4-601010	1385	30	4-60		14.17.04	40		8244	7.7	414			-
0 0 0		0 0	4 0				6)					0	0 0
al al al	To a			200				(3)	60	6.5	(0)		-
363636	358	ne ne	na na ma	na	tal nalo	male	nal	tal de male	ule male	ule male	ule male	mal de	ma]
Male Female Male Female Male Female	Total Male Female	Male Female Male Female	Male Female Male Female	Male Female	Total Male Female	Male	Male Female	Total Male Female	Male	Male Female	Male Female	Female	Female Male Female
Male Fem Male Male Fem	Tota Male Fem	and the second second second		the second second	Total Male Female	rer) Male Female		Total Male Female	-	1	Male Female Male	Femal	Male Femal
1	Tota Male Fem	and the second second second		the second second	Total Male Female	der 70 Female			-	1	Male Female Male	Femal	
1		and the second second second		the second second	Total Male Female	and over) Male Female			-	1	Male Female Male	Femal	
1		and the second second second		the second second	Total Male Female	ars and over) Male but under 70			Total	by absorp-		Femal	
1		and the second second second		the second second	Total Male Female	years and over) Male Female			Total	by absorp-		Femal	
1		and the second second second		the second second	Total Male Femal	(70 years and over) Male Female			Total	by absorp-		Femal	
1		and the second second second		the second second	Total Male Femal	tia (70 years and over) Male Female			Total	by absorp-		Femal	
1		and the second second second		the second second	Total Male Femal	nentia (70 years and over) Male Female			Total	by absorp-		Femal Male	
1				the second second	Total Male Femal	dementia (70 years and over) Male lilty (55 years but under 70			Total	by absorp-		0	
1				the second second		senility (55 years but under 70			Total	by absorp-		0	
1				the second second		senile dementia (70 years and over) Male Female re senility (55 years but under 70			Total	by absorp-	hanging or strangulation	0	
1				the second second		nout senile dementia (70 years and over) Male Female			Total	by absorp-	hanging or strangulation	0	
1				the second second		Without senile dementia (70 years and over) Male Female Premature senility (55 years but under 70			Total	by absorp-	hanging or strangulation	0	
Spina bifida and meningocele Congenital malformations of the heart Others under this title			Atelectasis Other diseases monitor to early inferror in	cluding lack of care		b) Without senile dementia (70 years and over) Male Female c) Premature senility (55 years but under 70			Total	by absorp-	hanging or strangulation	0	
1		Congenital debility Premature birth	(a) Atelectasis	cluding lack of care		(b) Without senile dementia (70 years and over) (c) Premature senility (55 years but under 70			Suicides Total	Suicide by solid or liquid poisons or by absorp- tion of corrosive substances	Suicide by hanging or strangulation	Suicide by firearms	Suicide by cutifng or piercing instruments
Spina bifida and meningocele Congenital malformations of the heart Others under this title	CLASS XV.—DISEASES OF EARLY INFANCY Fem Fem	Congenital debility Premature birth	Atelectasis Other diseases monitor to early inferror in	cluding lack of care	CLASS XVI.—SENILITY Male Female	162 (b) Without senile dementia (70 years and over) Male Female (c) Premature senility (55 years but under 70		CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS Remaile	Suicides Total	Suicide by solid or liquid poisons or by absorp- tion of corrosive substances	hanging or strangulation	Suicide by firearms	

TABLE 19.—CAUSES OF DEATH BY SEX AND AGE IN EDMONTON, 1937—Continued

	VITAL STATISTICS BRANCH
Not Stated	
and over	
92-99 Years	
90-94 years	
82-89 Years	
80-84 years	111111110011111111111111111111111111111
75-79 years	
70-74 years	
62-69 years	
8169 years	111111111111111111111111111111111111111
55-59 years	
20-24 years	
42-49 years w	
40-44 years -45-49	
22-23 Aests	
30-34 Years	
25-29 years	
20-24 years	
12-19 years	
10-14 years	
5-9 years	
4 years	
3 Aests	
Z years	
I year	
Under I year	
IstoT	- 1 2 1 1 1 2 2 1 1 1 2 6 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Male Female Male Male Female Male Male Male Male Male Male Male M
	Total y gas)
CAUSES OF DEATH	170 Suicide by crushing 173-175 Homicides 174 Homicides 175 Homicide by cutting or piercing instruments 175 Homicide by other means 176-198 Other violent deaths 179 Other acute accidental poisonings (except by gas) 181 Accidental mechanical suffocation 182 Accidental injury by firearms 184 Accidental injury by fall or crushing 185 Accidental injury by fall or crushing 186 Accidental injury by fall or crushing 187 Injuries by animals 188 Injuries by animals 190 Excessive heat 191 Excessive heat 194 (b) Other accidents 195 CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH
	170 173-175 174 175-198 176-198 181 182 182 183 184 190 191 191 191

	SPECIAL CLASSES OF ACCIDENTAL DEATHS (INCLUDED ALSO IN THE PRECEDING TABLE), EDMONTON,	ENTAL DE	SATHS	E	CLL	DE	D A	LSO	IN	THE	PRE	CED	ING	TA	BLE), E	DMC	OLUC		1937							1
				-	-	-	-				-		-	-	-	-	-	_	-	-	_					-	1
A	A Accidents in mines and quarries	Male	63	The Lates		2000	-	1000		1000	1	-	1000	10.00	1		1000			1000		and the		1000	1	-	-
		Female	-		-	-		-	-	-	-						-		-	1	1	I	-	-	1	-	1
B	B Accidents caused by machines	Male	-	1	Ī	T	-		-	1	-	1000		-	1	-		-	-	-	-	-	1	Ī	Ī	T	1
(Female	-				-	-			****		I	1	-	1					-	-		i	1	1	-
0	C Kallway accidents	Male	25	*****		1011	1000	-	-			-	Ī	-	-	-	1		17	1	-	-		-	-	I	
4		Female	-	1	Ī	-		-	-	-			-	:	-	-	-	-			1	ī			T	-	
7	D street-car accidents	Male	100				-	1000	-		-	-		1	-	-			-	-	-			Ī	-		
1		remale		The same			-			-	-	-		1	7	-				-	-			Ī	1	1	
1	E Automobile and motorcycle accidents	Male	20.				-		-		-		-		-	-		_	-	1000	-			1	1	1	
		Female	4	The same	-	1	-		100		Mark State		I	1		1000	7			-	-	I	Toma Toma Toma	Ī	1	T	

TABLE 20.—CAUSES OF DEATH BY SEX AND AGE IN CALGARY, 1937

101
TH TITTE
17
THE STATE OF
THE THE
1 - 1 1 1 1 1
-
THE THE TERM
115 3661
ale ale ale ale ale ale ale
Female Male Female Male Female Male Female Male
(acute)
(f) With other causes Erysipelas Poliomyelitis and polioencehpalitis (acute) Lethargic or epidemic encephalitis
ause l pe
anc anc
itis
th celas yeli
H A E E
W rstip ion hau
(f) With o Erysipelas Poliomyeli Lethargic
(f) W 15 Erysip 16 Polion 17 Letha

							A	NNU	AL REF	OF	RT,	193	37								97
-		111	1		111	11		111	111	1	1 100	11			11						
1						11		HII	111	1	1	T	T		T	T					
		111			H	11		111	111	1	11	11	11								T
	I					H	T	III		-	11										T
-	1	111		11		III		111		1	-										T
1	1	-	T		111	-		HIP	40101	61	01 H	11	-		-			-			T
-	1	111	1			11		1111	9 9 9	9	00	-			-	4			-		
1						TI		-	910	10	9 1	10	-	-	1	T					
1	-	-						THE	404	10	63 64	г		01	-		F	-			
-		0 00	1		1 1 1	1 1	1 1	TIT	489	00	9 :	.00	21		-						
									-												
1	1	-	1			11	01	61	17 8	00	00	4	-	11	-		-	-	-	H	H
1	-		17		н	H	64	111	23 × 52	00	77	4		11	-	T	-	6/1	01 11	-	63
1	-		-		ÍII	11	-	111	00-1-	- 11	-	11	-	T	T	11	6.3			-	-
7	1		1			TI	1	III	E= 00 44	60.	9	6/3		11			T		H	THE	0.1
-	1		1			T	-	F		1	7	T		11	1	Ti	1				T
1	I	61	7			11	-	-		1	-	11	11	11	11	11	IN			-	1
	-		-			11	H	- 11	1111	I	Ti			11	1		Ti			1 1	
-	-						11	TITE	64	1	-			T	T	111				TI	1
1	1		1			11	11	П		1	7 1	11	11	11	11	1		1.1	11	11	1
-	-	HI				11	9 1	TIT	111	-	1 1	1 1	1 1	H	1 1			1 1			1
1	1					1.1	11	111	111	1	1 1	1.1	11	11	11					11	
1	1	111				11	11	HI		1	11	11	11							11	
1	-	11				-	11	111	111	-	11	11	11	11	11	4.1	11 1	1.1		11	
1						11	T	111	111	i	11	II	11	T	11		H				I
		-		-				111	111	1	11	11	11	11	11						T
1	-					11	-	111		-	11		11		11		11	11			
-	- 6	E= 00 0	0	-	-		H 00	0.01	119	00 0	9 4	20	10 01	00 :	4.63	10	63 63	, NO	00 00	4	1-
-	-	2 1				1 1	1 1	111			111	1			-	3 3	-	-		100	-
				41								61		-			0	41		61.61	
le	Male	Female Male	r emale Male	Female	Female Male	Male	Male	Female Male Female	Total Male Female	le le	Male	Male	Female Male	Femaie Male	Female Male	Female Male	Female Male	Female Male	Female Male	Female	Female
Male			rema Male	Fema	Femal Male	Male	Male	Male Fems	Total Male Fema		Male	Male	Fema	Fema	Male	Fema	Fer	Femal	Fema	Fer	Fer
	Total		er-	ial, ex-				- F		Total							-		-		
	H		T I	nch Is				per		I	1								-		
			ottra	(bronchial, glands ex-	em		1	ner			'mx										
		em	cei	B B	syst	(e)		n-p	SS SS	120	nary										
15		syst	pun	ster	ò	cut		(no	no	non	pt l	III		ts							
ngit		i.	90	itor	ina	S (5		ria	M)	tu	and	Jen	-	duc							
eni		ato	inge	ymphatic system retroperitoneal	ın-c	losi		aen	T Z	ant	ity	ino		ury				-			
I II		spir	neu	mpl	mite	ren		ptic	HE	lign	cav	pu		billic					8		E
sina		re	the meninges and central ner-	ly ly	98	agn	-	Se	OT	ma	cal	a ar		pu	88	SI.			tinu		ute
rost		the		the	the	d t	-	ion,	9	er	pne	nacl	tum	r a	cres	rgar	nx.	20	lias	snu	vix
reb	1	jo:	o t	of	Jo :	nate		fect	A	oth	pe	ston	rec	live	pan	r o	lary	lum	mec	ute	cer
ce	osis	osis	erculosis of vous system	erculosis of mesenteric cepted)	osis	emin		lh.	CER	pun	of t	he	the rectum	the liver and biliary ducts	the pancreas	other organs	the larynx	the lung	the mediastinum	the uterus	Of the cervix uteri
mic	cul	ceul	reul	erculosi mesente cepted)	renl	isse	Ilis	lent	ANG	er a	er c	of t	Of t	Of t	of t	o jo	Of t	Of t	Of ti	Of t	of t
Epidemic cerebrospinal meningitis	Tuberculosis	Tuberculosis of the respiratory system	Tuberculosis of vous system	Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	Tuberculosis of the genito-urinary system	(a) Disseminated tuberculosis (acute)	Syphilis	Purulent infection, septicaemia (non-puerperal)	C	Cancer and other malignant tumours	Cancer of the buccal cavity and pharynx	(b) Of the stomach and duodenum	(c) 0	(p)	(e) O	0 (8)	(a) O	(b) c	(c) 0	(a) O	(p) c
		11/2							п				2	3)	3	-		-	9		-
18	23-32	23	24	23	30	32	34	36	CLASS II.—CANCER AND OTHER TUMOURS	45-53	45	46					47			48	
	23								CL	4											

TABLE 20.-CAUSES OF DEATH BY SEX AND AGE IN CALGARY, 1937-Continued

	bester tov i	1	111	1	1	1111	1	111	111	111	1111	111	11
	and over	-	111	-	-	1111	1	111	1 1				
	95-99 years 100 years	-	111	-	1	1111	-	111	11		1111	111	-
	90-94 years		111	1	+	H	-				1111	111	11
	85-89 years		111	-	+	1111	-	111	111		1111	111	-
	80-84 years		111	-	4	1111		111	1 1		1111	00.00	1 1
	75-79 years	-	:H :	-	-		-	111	11	==	1111	00.00	- 1 1
	70-74 years	-	. 63 H	-	1	1110		111			1111	0 - 01	11
	3,001, 72, 02		- 101	-	1	1111		111		=-	1111	40101	11
	65-69 years	-	-			1111		1 1 1	1 1		1111		
	60-64 years	1	60	-	1				1				11
1	22-29 years	23	60		-	1111		111		-	-		-
	20-24 years				-		-	1111	-	-	-		11
	45-49 years	-	-	-				111		-		61 61	11
AGES	40-44 years	-	111	1	1	1111	-	111			1111	1111	
A	35-39 years	-	-	1	1	1111		111	11		1111		-
	30-34 years	1				1111		111	11		1111	1111	11
	25-29 years		111	1	-	1111	-	111	11		11111	61 61	6/1
	20-24 years	1	111	I	T	1111	1		-			27-1	
	12-19 years	I	111		1	1111		-	11		1111		11
	10-14 years		111			1111		111			1111	111	11
	2-9 years	1	1111		T	1111	T	111	11		1111	111	
	4 years		111	1	T	TIII		TIII	II		TITT	TIII	11
	3 years	1	111		T	1111	1	III	11		1111	THE	11
	2 years	T		1	T	1111	1	111	H	1111	1111	TIII	II
	I year	I	TIII	1	T	TITI		111	II	HIII	1111	111	11
	Under I year	1	111	1	T			TIT	-	HII	1111	1919	11
-		10	:90	6.0	63	H 1 1H	60		- 63	1000	2 -	1178	24
-	Total	-	111			1111		111		111			-
		Female	Male Female Male	Male	Male	Male Female Male Female	Female	Male Female Male	Female Male Female	Male Female Female	Male Female Male Female	Total Male Female	Male Female
	H	tal organs					rgans			Total		ES, DISEASES OF NDOCRINE GLANDS EASES	
	CAUSES OF DEATH	49 Cancer of other female genital organs	50 Cancer of the breast 51 (a) Of the bladder	(b) Of the kidney	(c) Of the prostate gland	52 Cancer of the skin 53 (c) Of the glandular system	(d) Of the female urinary organs	(f) Of the brain (f) Of the brain	(i) Of the abdomen	54 Non-malignant tumours (b) Of the uterus	(d) Of the brain (e) Of the thyroid gland	CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS Total AND OTHER GENERAL DISEASES Male Fema	56 Acute rheumatic fever

		ANNUAL REPUR	1, 1357		99
1111111111	111	1111111111	111 11	111	11111111
THITITIT	III		111 11	111	711111111
THITTIE	111		111 11	FILE	
THITTI	III		111 11	111	
THITITITI	111		111 11	0101	THITITI
100	III			27-1-	
1100		1111711111	111 11	111	
1100	III	MIIIIIIIIII		65 61	1117111
0101			111 11	40101	THE
THEFT	-3115		111 11	77	
		JIIITIIII	111 116	400	111111111
THIPITI	UTT		THE		11111111
111111111111111111111111111111111111111	2011	144 114 11	THEFT	467	IF I I I IF I
THITTINI	MILL				
1111111111			TITT	21	11-1111
THILLIII			TIT II	111	
THEFT		1117111111	THIT	111	
THITITITI	1111		111 11		
1117111111	111		111 11	THE	
THITITIE	111		1111-11	0101	THE PARTY OF THE P
THURSTEE	111		111111		
THITTITIT				111	
THILITIE	TII		THE	THE	
THEFT	THE		TITT	111	
THIRDITA			TILL	THE	
111111111111	111		THE	0101	THITTI
	91-10			1130	
ie in i	-				
Male Female Male Female Female Male Female Male Female	Total Male Female	Male Female Male Female Female Female Female Female Male Female Female Female	Total Male Female Male Female	Total Male Female	Male Female Male Female Male Female Male
	BLOOD-		INTOXICA-	SYSTEM Total SENSE Male	salis)
57 Chronic rheumatism, osteo-arthritis 59 Diabetes mellitus 66 (b) Exophthalmic goitre (d) Tetany 67 Diseases of the thymus gland	SS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	70 (a) Simple purpura 71 (a) Pernicious anaemia 72 (a) Leukaemia (b) Aleukemia (Hodgkin's disease) 73 Diseases of the spleen	V.—CHRONIC POISONINGS AND TIONS (b) Alcoholism	VI.—DISEASES OF THE NERVOUS AND OF THE ORGANS OF SPECIAL S	78 Encephalitis (non-epidemic) 79 Simple meningitis 80 Progressive locomotor ataxia (tabes dorsalis) 81 Other diseases of the spinal cord
The same of the sa	CLASS		CLASS 75	CLASS	

TABLE 20.—CAUSES OF DEATH BY SEX AND AGE IN CALGARY, 1937—Continued

0		VITAL STATISTICS BRA	ANCH
1 1	Not stated		111 111111 111111
	100 years		
	92-99 years		
	90-94 years	11 11111111111111	Фню ю
	85-89 years		040 84 111
	80-84 years	IF [1] [1] [1] [1] [1] [1]	111 92 16111
	75-79 years		55.50 0.5 4
	70-74 years	8	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		ee illiellilli	1 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	65-69 years		
	60-64 years		13 13 13 13 13 13 13 13 13 13 13 13 13 1
	25-59 years		924 02 21
	20-24 Aests	11 -111111111111	2240 576 1 41 1
S	42-49 years		0 80 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
AGES	40-44 Years	THE THE PERSON NAMED IN	0.410 UNO HO
	32-39 Years	IF 11111111111111	
	30-34 Aests		NN =
	52-59 years		400 -0 -
	20-24 years	THE THIRT PROPERTY	
	12-19 years		N== == ==
	10-14 years		
	5-9 years		
	4 years		
	3 years		
	S years		
	1 year		
	Under 1 year	11 1111111111111	
	Total	85 8 H B H B H B H B H B H B H B H B H B H	235 1129 106 83 62 106 11 1
		the	e e e e e e e e e
		Male Female	Total Male Female Female Male Female Male Female Male Female Female Male Female Male Female
16		and other paralysis, cause not and other paralysis, cause not ler 5 years of age) her than of the spinal cord) rgans of vision the mastoid process	neart Tota specified as acute unspecified (under 45 years o craditis, valvular diseases rditis
1		use rd)	8 69
		CO CO	OR.
		sis,	AT dis
		aly sp	und lar
	E	par the tion pr	BS a divu
	EA7	urs of vis	d a d
1	Q	hag yes yes rot nan ast	THE iffice in the second secon
	OF	nd r f	F 7
	CAUSES OF DEATH	Cerebral haemorrhage Hemiplegia and other specified epsy vulsions (under 5 years Sclerosis (other than o sases of the organs of v Ottitis Diseases of the mastoi	-DISEASES OF THE CIRCULATORY TEM sases of the heart carditis Endocarditis, specified as acute Endocarditis, unspecified (under 45 yea age) Chronic endocraditis, valvular diseases Acute myocarditis
	AUS	d h h	rdit th
	C	uiplifications on solutions of solutions of solutions asserbases	of of of itis
	3100	Cerebral ha Hemiplegia specified epsy vulsions (un Sclerosis (ot ases of the Otitis Diseases of	ases of the lases of the lases of the lases of the Endocarditis, Endocarditis, age) Chronic endo Acute myoca
	2 8 8	(a) Cerebral haemorrhage specified and other paralysis, cause specified and other paralysis, cause specified and other paralysis, cause Epilepsy Convulsions (under 5 years of age) (d) Sclerosis (other than of the spinal cord) Diseases of the organs of vision (a) Ottitis (b) Diseases of the mastoid process	SYSTEM Diseases of the heart Pericarditis (a) Endocarditis, unspecified (under age) (a) Chronic endocraditis, valvular d (a) Acute myocarditis
			-
		8 8 2 8 8	90-95 90 91 91 92 93 93
			e e

1.1.1									RT, 1937						
111	111	11	111		11	111	11	1111	111	11	11			1.	11
111	III	11	TT		H	III	11	THIT	111	11	II			I	11
111	111	11			H	111		HIII	TIII	III	11				FI
H	-	TT		н	-	N		1111	111	TI	11	I		1	11.
H 64	111	11	н		010	N	II	TITT		111	7			I	11
4.0	111	TI	-	-	91	-	II	IIII	70 4	TI	He	(00)		1	III-
S113 H	111	6.0	III		Ino.	4	II	-	62 63 ==	TI	100	1-1		I	11
1010	III	64 63 6	V	-	99	9 1		IIII	44	111	4 60			1	11
63 70	111	401		н	- 00 0	0	II	нн	00 t~ ==	110	4	-	-	T	11
i Hori	H :H	F-00 *	F == :		40	2 :			40101	7.7			-	-	11
-	111	00	111	-	11	1	1		[= [=	110	0 61		-		1
63 63		10 H			H	1		4	© 10 44	111	14	00	-	1	
63	-	21		H	11	1		-	104-	-	4		11	1	II
-	THE	61	-	14	H				40-	117	1 67		-	1	11
111	111	11	H							11			111		11 -
111	111	11	III		11	111		-	6261	TH	61	-			
N	111	11			TI	111			211	-11	-		i i	-	
111	111	11			11					11	111		H	1	
111	111	TI		H	11			HIII	111	THE	111		H	1	
TIT	TIT	T		T	TT				111	TI			TI	T	
													736		
	111	11	111	11	11			1111	7 :7	11			11	1	
111	111	11								-					
	111	11								id		-			
111		11		11	11				III	-11				1	
	111				11					-				1	
									1-1001		100				
TH	HI			1 1	1.1	13 13									
320	277	102	-10	0.4	34	2	-	- 1 OI IO	67 20	53 5			- 4	N -	7 -
287	NHH	103	- 1/3	0.4	1 28 2	3	-	-1010	67 20 20				HT.	2 -	
9		e	9	e	9 9	9 9	e	9 9		le 112	e 6	e 10	le le		e ·
9		e	9	e	9 9	9 9	e	9 9	9	le 112	e 6	e 10	le le	le	le -
Male Female Male	Female Male Female	Male 3	9	e	Female Male Female		e	9 9	Total 67 Male 47 Female 20		le 6	10		Female	le -
Male Female Male	Female Male Female	Male 3	9	e	Female Male Female	9 9	Female Male	9 9	9	le 112	e 6	e 10	le le	Female	Female 1
Male Female Male	Female Male Female	Male 3	9	e	Female Male Female	9 9	Female Male	Female Male Female	Total Male Female	le 112	e 6	e 10	le le	Female	Female T
Male Female Male	Female Male Female	Male 3	9	e	Female Male Female	9 9	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	e 6	e 10	le le	Female	Female T
Male Female Male	Female Male Female	Male 3	9	e	Female Male Female	9 9	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	e 6	e 10	le le	Female	Female
Male Female Male	Female Male Female	Male 3	Female Male	Female	Female Male Female	9 9	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	e 6	e 10	le le	Female	Female
Male Female Male	Female Male Female	Male 3	Female Male	Female	Female Male Female	Male Female Male	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	e 6	e 10	le le	Female	Female
Male Female Male	Female Male Female	Male 3	Female Male	Female	Female Male Female	Male Female Male	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	Female 6 Male 27	Female 10 Male	le le	Female	Female T
Male Female Male	Female Male Female	incomposis of the coronary Male Female	Female Male	Female	Female Male Female	Male Female Male	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	Female 6 Male 27	Female 10 Male	le le	Female	Female T
Male Female Male	Female Male Female	incomposis of the coronary Male Female	Female Male	Female	Female Male Female	Male Female Male	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	Female 6 Male 27	Female 10 Male	le le	Female	Female 1
Male Female Male	Female Male Female	incomposis of the coronary Male Female	Female Male	Female	Female Male Female	Male Female Male	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	Female 6 Male 27	Female 10 Male	le le	Female	Female 1
ditis, unspecified (45 years and over) Male	Female Male Female	incomposis of the coronary Male Female	Female Male	Female	Female Male Female	ases of the arteries Male	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	Female 6 Male 27	unspecified Female 10	le le	Female	Female 1
ditis, unspecified (45 years and over) Male	Female Male Female	incomposis of the coronary Male Female	Female Male	Female	Female Male Female	ases of the arteries Male	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	Female 6 Male 27	unspecified Female 10	Female	Female	Female 1
Male Female Myocarditis, unspecified (45 years and over)	Diseases of the coronary arteries Male Female	arteries Male Female Female Female Maina Dectoris	Female Male	Female	Female Male Female	ases of the arteries Male	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	Female 6 Male 27	unspecified Female 10	Female	Chronic interstitial pneumonia including oc- cupational diseases of the respiratory system Male	Other diseases of the respiratory system (tuberculosis excepted)
ditis, unspecified (45 years and over) Male	Female Male Female	arteries Male Female Female Mala	Other diseases of the heart Male	e	9 9	9 9	ins varices, haemorrhoids, Male	Idiopathic abnormalities of blood pressure Female Female	9	le 112	Female 6 Male 27	Female 10 Male	le le	(a) Chronic interstitial pneumonia including oc- cupational diseases of the respiratory system Male	Female 1
Male Myocarditis, unspecified (45 years and over) Male	Diseases of the coronary arteries Male Female	arteries Male Female Female Female Maina Dectoris	Female Male	Female	Female Male Female	ases of the arteries Male	Female Male	Female Male Female	Total Male Female	Male 2 Female 1	Female 6 Male 27	unspecified Female 10	Female	Chronic interstitial pneumonia including oc- cupational diseases of the respiratory system Male	Other diseases of the respiratory system (tuberculosis excepted)

TABLE 20.—CAUSES OF DEATH BY SEX AND AGE IN CALGARY, 1937—Continued

	Not stated		111	11			11				11	11		11
	100 years and over	1111	TIII	11	H		11		111	11	TI	11		11
	92-99 years	THE	111	II		111	11	111	III	T	TI	TT		TI
	90-94 years	:	111	11	-	111	11	111	11	11	11	11		11
		2	111	1 1			1 1		1 1	: ==	1 1	1 1		11
	85-89 years			1 1	-				: :	-	: :			
	80-84 years			11			11			11	11	11		
	75-79 years	111	111	11			11		111			11		
	70-74 years	400							115			11		
	65-69 years	40-		11		1	11		-	11	11			11
	60-64 years	70 4 11	- 11	H					111		11	1		60
	22-29 years	11 6	111	11	111-	-	II		-	11		-		11
	20-24 years	9014	111	11	П	Н	-	111		11	H	11	-	TI
AGES	42-49 years	99	11-	TT	1115	-	TI	III	1 0		H	III	111	TI
A	40-44 years	62 61	111	11	III	-	III		11-	11	111	- 1		11
	32-39 Aests	10 61 60	111	-	III	-	-		111	11	1 1	4 ;		11
	30-34 years		111	11		H	11		11		11	11		11
	S2-S9 years	63 63		11		н	11				.01	1 1		-
	20-24 years	20-01	111	11			11		-	-	111	11		
		2111	111	11					1 1		-	1 1		11
	15-19 years		111	1 1					-					111
	10-14 years		111	-	111				111					11
	2-9 years	111	111	11			11	ITI	111	11	11	11		11
	4 years	TIII	TIII	II		III	11	III	TI	11	11	11		11
	3 years		111	TT	-		T	TTT	TII	11	11	11	III	TT
	2 years	21-1	111	-	•		it		TI		-	II		TI
		0 0	111	TT	111		1 1	111	111	-	11	11		-
	l year	99	111				. 9		111	1 1	1 1	1 1		-
	Under 1 year								01 :10	-				
	Total	822					.,,	-		21	240		-	
1	WE E. E.	ale	ale	ale	ale	ale	ale	ale	ale	ale	ale	ale	ale	ale
13	6 505551	Total Male Female	Male Female Male	Female Male	Male Female Male	Female Male	Female Male Female	Male	Male Female Male	Female Male	Female Male	Male	Male Female	Male
	ER C		-		THE PERSON NAMED IN	PH PH 1	-			-	hed ken in	O PLI PL		
		N			30.0				9	1 3		- 1	=	,
		H			100		ge	H	00			1	2 4	
		STE	exa				f age	over)	nd ov				leoho	
		SYSTE	annexa				s of age	nd over)	rs and ov				s alcoho	and a security
		VE SYSTE	d annexa				ears of age	s and over)	ears and ov				d as alcoholic.	amaade
		TIVE SYSTE	and annexa	×			2 years of age	ears and over)	2 years and ov				fied as alcoho	amade no
		ESTIVE SYSTE	ity and annexa	ynx			er 2 years of age	years and over)	s (2 years and ov			68	ecified as alcoho	amode non
	лтн	IGESTIVE SYSTE	cavity and annexa	harynx		u	nder 2 years of age	(2 years and over)	ines (2 years and ov			tines	specified as alcoho	er, not specific
	БАТН	DIGESTIVE SYSTE	al cavity and annexa-	pharynx	gus ch	num	(under 2 years of age)	itis (2 years and over)	estines (2 years and ov		u	testines	er, specified as alcoho	mer, not specific
	т реатн	HE DIGESTIVE SYSTE	accal cavity and annexa	the pharynx	hagus	denum	tis (under 2 years of age)	teritis (2 years and over)	intestines (2 years and ov		tion	intestines	liver, specified as alcoho	a meet not specifie
	ог реатн	THE DIGESTIVE SYSTE	buccal cavity and annexa	of the pharynx	sophagus	nodenum	eritis (under 2 years of age)	enteritis (2 years and over)	he intestines (2 years and ov		ruction	the intestines	the liver, specified as alcoho	nie nyet, not specure
	ES OF DEATH	OF THE DIGESTIVE SYSTE	the buccal cavity and annexa.	es of the pharynx	oesophagus estomach	- duodenum	enteritis (under 2 years of age)	nd enteritis (2 years and over)	of the intestines (2 years and ov		bstruction	of the intestines	the liver, specified as alcoho	ar mer, nor specific
	USES OF DEATH	S OF THE DIGESTIVE SYSTE	of the buccal cavity and annexa.	eases of the pharynx	he oesophagus	the duodenum	d enteritis (under 2 years of age)	a and enteritis (2 years and over)	n of the intestines (2 years and ov		l obstruction	s of the intestines	of the liver, specified as alcoho	or me mer, not
	CAUSES OF DEATH	SES OF THE DIGESTIVE SYSTE	es of the buccal cavity and annexa	diseases of the pharynx	f the oesophagus	of the duodenum	and enteritis (under 2 years of age)	oea and enteritis (2 years and over)	tion of the intestines (2 years and ov is		nal obstruction	ases of the intestines	sis of the liver, specified as alcoho	or me mer, not
	CAUSES OF DEATH	EASES OF THE DIGESTIVE SYSTE	asses of the buccal cavity and annexa-	er diseases of the pharynx	s of the oesophagus	er of the duodenum	ea and enteritis (under 2 years of age	rrhoea and enteritis (2 years and over)	eration of the intestines (2 years and ovicities		stinal obstruction	iseases of the intestines	chosis of the liver, specified as alcoho	or me mer, not
	CAUSES OF DEATH	DISEASES OF THE DIGESTIVE SYSTE	Diseases of the buccal cavity and annexa	ther diseases of the pharynx	uses of the oesophagus	Mer of the duodenum	hoea and enteritis (under 2 years of age	Diarrhoea and enteritis (2 years and over)	Ilceration of the intestincs (2 years and ov ndicitis		ntestinal obstruction	r diseases of the intestines	Sirrhosis of the liver, specified as alcoho	or me mer, not
	CAUSES OF DEATH	-DISEASES OF THE DIGESTIVE SYSTE	Diseases of the buccal cavity and annexa	Other diseases of the pharynx	iseases of the oesophagus	Ulcer of the duodenum	iarrhoea and enteritis (under 2 years of age) Diarrhoea and enteritis (2 years and over)	 Ulceration of the intestines (2 years and over opendicitis) Intestinal obstruction	ther diseases of the intestines	cliribosis of the liver, specified as alcohold	or me mer, not
	CAUSES OF DEATH	IXDISEASES OF THE DIGESTIVE SYSTE	(a) Diseases of the buccal cavity and annexa (b) Diseases of the tonsils	(c) Other diseases of the pharynx	Diseases of the oesophagus		Diarrhoea and enteritis (under 2 years of age)		(b) Ulceration Appendicitis	(a) Hernia	(b) Intestinal obstruction	Other diseases of the intestines	(a) Cirrhosis of the liver, specified	or me mer, not
	CAUSES OF DEATH	SS IX.—DISEASES OF THE DIGESTIVE SYSTE		(c) Other diseases of the pharynx	116 Diseases of the oesophagus		119 Diarrhoea and enteritis (under 2 years of age		(b) Ulceration of the intestines (2 years and ov 121 Appendicitis	(a) Hernia	(b) Intestinal obstruction	123 Other diseases of the intestines	(a) Cirrhosis of the liver, specified	or me mer, not
	CAUSES OF DEATH	CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM	115 (a) Diseases of the buccal cavity and annexa (b) Diseases of the tonsils	(c) Other diseases of the pharynx				120 (a) Diarrhoea and enteritis (2 years and over)	40.140	(a) Hernia	(b) Intestinal obstruction		124 (a) Cirrhosis of the liver, specified as alcoho	or me mer, not

						2411			1111	10.	LLL,	1001						*
			H	11	11	111		11										
		III		H		III		H	H	II				1				
		11	11	11		111		H	11									
		11		TT	II	6561	-		II	H	H							
		П	II	11	11			11	1	11				1				
		П		11		9104	*	ত ব	H		н			1				
-				H		04 9		- 4	12		00			1				
	-	1	6.1	11	II	698	0	2 H	63		6.0							
7		-	4 7	4		9104	-	401	-		00	-		-				
-						10 01 00	-	7		-	-			63				
-			00 +	4	н	200	0	u-			11					1	1	
-			6.0	11	-	460-	01	9						-				
H						400	-	1	-	-				-				
-				11		0101	0	9 : 1						-			1	
	11			-							+ 1				10	6/1	1	
-		_												1	60	-	01	
-						6001			. 63					-		1	-	
						01 :01					1 1		64	-		1		
						111					1 1		-	-		- 1	-	
														13	- 1	1		
-										11			-				-	
-	11											1		-	1	-		
-						111					11	!	-	-	1			
-															1			
		11				111			11				-					
-						111					11							
												1			1			
1	-		00 00	-	-	377	19	13	10.60		12	П	6.1	9	Ξ	6.3	67	
	ale	ale	ale	ale	ale	l ale		ale	ale	ale	Female Male		ale	ale		ale	ale	
Male	Female	Female Male	Female	Female Male	Female	Total Male Female	Male	Female Male	Female Male	Female Male	Tale	Male	Female	Female	Total	Female	'em	
di-	AL PER S	HA		HA	14	HAH	-	HA	HA	THE STREET	46	-		14		14	ns F	
		-	billiary			X				-	1	cifi	trlu	0	IRT		itio	
1	-		Q			THE GENITO-URINARY		5	90			spe	me	real	СНІГ.		puo	
-			anc			NIN NIN		ove	ter			not	bars	ene	Ħ		0 0	
-			er			5		pu	ure			S (1	pu l	A S		ns	epti	
14			add			OTI	1	S au	pun	00		gan	e a	e p	CY	litio	S	
live	ive		1-p1	fied		EN		ear	ys	age		OL	tub	iffie	FAT	ond	with	
he	1e 1		gal	peci		9		10 3	dne	ass		nita	lan	spec	SGN	0 0	no	
of t	f th		pe	t si		H		d ()	K	y F	ate	ger	lop ve	ot	PRI	epti	orti	
No.	0 8		4	no		OF		ifie	the	inar	rost	ale	Fal	s (n	PE	h s	ab	
rop	ease	i	8	use		0	itis	bec	Jo	nr	e p	e m	frie	eru	SCIER	wit	pea	
(a) Yellow atrophy of the liver	(b) Other diseases of the liver	calculi	Other diseases of the gall-bladder and passages	ca		SES	Chronic nephritis	Nephritis, unspecified (10 years and over)	Other diseases of the kidneys and ureters	Calculi of the urinary passages	Diseases of the prostate	Diseases of the male genital organs (not specified as venereal)	Of the ovary, Fallopian tube and parametrium (not specified as venereal)	(b) Of the uterus (not specified as venereal)	CI.—DISEASES OF PREGNANCY AND THE PUERPERAL STATE	(a) Abortion with septic conditions	Self-induced abortion with septic conditions Female	
llow	her		dis	itis		SEA	n n	tis,	lise	Jo	0 8	ven ven	the st	the	SE/	orti	If-ir	
Ye	Oth	ary	Other di	ton		DIS	onic	hri	er c	ilus	ease	ease	Of (no	Of	IQ-DI	Ab	Se	
(a)	(b)	Billiary	Oth	Peritonitis, cause not specified		X.—DISEASES SYSTEM	Chr	Nep	Oth	Cal	Dis	Dis	(a)	(q)	XI.—DISEASES OF PREGNANCY, AND THE PUERPERAL STATE	(a)	(p)	
125		126	127	129			131	132	133	134	137	138	139			140		
12		12	12	12		CLASS	11	H	12	1;	H	1;	13		CLASS	1		
						5									5			

TABLE 20.—CAUSES OF DEATH BY SEX AND AGE IN CALGARY, 1937—Continued

(b) Ectopic gestation without mention of Female (conditions and overset abscress of THE SKIN AND CELLULAR Total TISSUE CAUCOMOTION While Female (conditions acute abscress of THE SKIN AND CELLULAR Total (conditions acute abscress Female (conditions acute abscress Female (conditions acute abscress of the SKIN AND CELLULAR Total (conditions acute abscress Female (conditions acute abscress Female (conditions acute abscress of the SKIN AND CELLULAR Total (conditions acute abscress (conditions acute ac			****				TOD DIGI			
100 Aeure 100		and over bested			- 1	1	111	1111		
20-94 A6912 22-29 A6912						-	1111	1111	1111	
10-14 years		92-99 years					111			
10-14 Acsuz 12-13 Acsuz		90-94 years		1	- 1	1	111	1111		1111
10-14 years		82-89 years			1			THE	111	TITT
12-13 Acsuz		80-84 years		T	T	1		FILE	111	TIII
10-14 years			- 1	1	1	-	111	1111	111	1111
10-14 years 20-24 years						-		1111	777	THE
00-64 years						-		1111		
10-14 Acsits 10-1		65-69 years	-	-	-	-		1 1 1 1 1	1 1 1 1	1 1 1 1 1
10-14 years		60-64 years		1		-	1111			1111
10-14 years		emas ce-ce	-	-		1	- 111	1111	1011	
Total Tota	14			-	-	-				
Total						-	1 1 1			1111
Total	ES					-		1111		1111
Total	AG	40-44 years								
Total		35-39 years								
Description		30-34 Years		- 1 1 1	1	1	111	1111		Hili
10-14 years		25-29 years		1			111			1111
Total Under I years 15-19 years		20-24 years		-	63		111			- 1
Total Under 1 years 1 years 1 years 1 years 1 years 2 years		12-19 Years	1	1	1	-	111	1111	21-1-12	
Total				-	1	1	TIII	TILL	TIT	TITT
Total Under 1 years Under 1 years 1 years 4 years		STESY MI-01			1					
Total Under I year Under I year S years		5-9 years	1	1	1	-		1111	1111	1111
Total Under I year Under I year		4 years		1			111	1111	111,	
Total Under I year I year		3 Years	- 1	-		1	111		111	
Total Total Under I year		2 years			- 1	1			111	
IntoT u u u u u u u u u u u u u u u u u u u		I year	1	1	. 1		111	1111	111	1111
IntoT		Under I year	1	1	1	1	111	IIII		1111
	-	Imor	-	н	63	п	21-1	HH	63 64	ннн
(b) Self-induced abortion, without mention of septic conditions (a) Ectopic gestation without mention of septic conditions (a) Puerperal septicaemia (not specified as due to abortion) Other toxaemias of pregnancy XII.—DISEASES OF THE SKIN AND CELLULAR Female Carbuncle Collulitis, acute abscess OF LOCOMOTION Male Female Female Female Of LOCOMOTION Male Female	_	fot-m	-	-	-	-		1111	111	
(b) Self-induced abortion, without mention of septic conditions conditions and to abortion) (a) Puerperal septicaemia (not specified as due to abortion) Other toxaemias of pregnancy TISSUE Carbuncle Carbu			4	61	0					60 0
(b) Self-induced abortion, without mention of septic conditions (c) Ectopic gestation without mention of septic conditions (d) Puerperal septicaemia (not specified as due to abortion) (a) Puerperal septicaemia (not specified as due to abortion) (b) Carbuncle			nal	nal	nal	nah	ral hal	le nale nale	al nal	le le le mal
(b) Self-induced abortion, without mention of septic conditions (a) Ectopic gestation without mention of septic conditions (a) Puerperal septicaemia (not specified as due to abortion) Other toxaemias of pregnancy Other toxaemias of pregnancy Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Collulitis, acute abscess Of LOCOMOTION XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION Osteomyelitis (b) Diseases of other organs of locomotion.	_				Fer	Fer	Tot Ma	Ma Ma Fer	Tot Ma	Ma Ma Fer
(b) Self-induced abortion, without mention septic conditions (c) Ectopic gestation without mention of self-induced abortion) (d) Puerperal septicaemia (not specified as to abortion) (e) Puerperal septicaemia (not specified as to abortion) (f) All And CELLUL TISSUE Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Collulitis, acute abscess Collulitis, acute abscess Of LOCOMOTION (b) Diseases of other organs of locomotion.			Jo	otte	due		AR		NS	
(b) Self-induced abortion, without menti septic conditions (a) Ectopic gestation without mention of conditions (a) Puerperal septicaemia (not specified to abortion) Other toxaemias of pregnancy Other toxaemias of pregnancy XII.—DISEASES OF THE SKIN AND CELL TISSUE Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Collulitis, acute abscess Collulitis, acute abscess Of LOCOMOTION (b) Diseases of other organs of locomotion			non	sel	SE C		d d		GA	
(b) Self-induced abortion, without m septic conditions (c) Ectopic gestation without mention conditions (a) Puerperal septicaemia (not specific to abortion) Other toxaemias of pregnancy Other toxaemias of pregnancy XII.—DISEASES OF THE SKIN AND CITIESUE Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Collulitis, acute abscess Collulitis, acute abscess Of LOCOMOTION (b) Diseases of other organs of locomo			ent	Jo	P	-	ELI		OR	tion
(b) Self-induced abortion, without septic conditions (a) Fetopic gestation without menticonditions (a) Puerperal septicaemia (not specto abortion) Other toxaemias of pregnancy Other toxaemias of Pregnancy XII.—DISEASES OF THE SKIN AND TISSUE Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Collulitis, acute abscess XIII.—DISEASES OF THE BONES AN OF LOCOMOTION Osteomyelitis Osteomyelitis (b) Diseases of other organs of locoryeless and the content of the content			B	no	ifie		5		9	mo
(b) Self-induced abortion, without me conditions (a) Puerperal septicaemia (not stopic gestation without me conditions (a) Puerperal septicaemia (not stopic abortion) Other toxaemias of pregnancy XII.—DISEASES OF THE SKIN AN TISSUE Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Collulitis, acute abscess OF LOCOMOTION Osteomyelitis (b) Diseases of other organs of letal to the control of th			nt	nti	bec		9		S	000
(b) Self-induced abortion, wiseptic conditions (c) Ectopic gestation without conditions (a) Puerperal septicaemia (no to abortion) Other toxaemias of pregnancy Other toxaemias of pregnancy TISSUE Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Collulitis, acute abscess XIII.—DISEASES OF THE BON OF LOCOMOTION (b) Diseases of other organs o			tho	me	t si	1	A		ES	f Jc
(b) Self-induced abortion, septic conditions (a) Fetopic gestation witho conditions (a) Puerperal septicaemia to abortion) Other toxaemias of pregnar Other toxaemias of pregnar TISSUE Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Collulitis, acute abscess OF LOCOMOTION Osteomyelitis (b) Diseases of other organ	1	TH	*	int	(no	cy	S		NO	0 8
(b) Self-induced aborti septic conditions (c) Ectopic gestation we conditions (d) Puerperal septicaem to abortion) (e) Puerperal septicaem to abortion) (f) Other toxaemias of pregram—DISEASES OF THE TISSUE Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Collulitis, acute abscess OF LOCOMOTION (b) Diseases of other or		EA	on,	itho	ia	man	S		E B	gan
(b) Self-induced absentions conditions (c) Ectopic gestation conditions (a) Puerperal septication abortion) (b) Ectopic gestation conditions (c) Puerperal septication abortion) (d) Puerperal septication abortion abortion abortion acute absentiates acute acut		1	orti	B	nem	oreg	E	ess	TH	0
(b) Self-induced septic condition conditions (a) Puerperal septo to abortion) Other toxaemias of TISSUE Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Collulitis, acute a collulitis, acute a collulitis.		ō	abo	ion	tica	JC 3	1	psq	40	her
(b) Self-induce septic cond septic conditions (a) Puerperal to abortion Other toxaemic Carbuncle Carbuncle Carbuncle Carbuncle Carbuncle Cellulitis, acut XIII.—DISEASE OF LOCOMOT (b) Diseases of		ES	Itto	stat	sep.	3S	0	9	SOIO	oto
(b) Self-ind septic condition (a) Puerper to abort Other toxae TISSUE TISSUE Carbuncle Carbuncle Cellulitis, a XIII.—DISEA OF LOCOM (b) Diseases (b) Diseases		NUS	fuc	ge	al tion	mi	SES	cut	OT	s of
(b) Self- septi cond (a) Puer to al Other to al Other to Carbunel Carbunel Cellulitis XIII.—DIS OF LOCC (b) Dises		C	ind c c	pic	Ther	хае	EA	e a	SE	elit
(b) Set (b) E (c)			43	to	ala	5	SIS JE	nel	DC	ny
e e e min se e e e e e e e e e e e e e e e e e e			- G	0 7	-					
			Sel sep	COI COI		her	ISS	rbu	13	teor D
141 141 141 141 141 141 141 141 141 141			(b) Sel sep			Other	XII.—I		XIII.	
I I I I I I I I I I I I I I I I I I I			141 (b) Sel sep	142 (b) Ec		147 Other	SS XII.—I	151 Carbu 152 Cellul	SS XIII.—	154 Osteor 156 (b) D

		ANI	NUAL	REPO	RT, 19	937				1.05
111	11111111111	111	11	1111		111	11			11
TIT		111	TIT	1111	11	111	11	111	TI	TT
TIT	THITTINI	111	11	1111	11	111	11	111	11	11
THE		111	11	1111	TIT		-		11	T
TIT	111111111	111	TI	IIII	11		11		11	H
TIT		111		THE		TIT	H		11	11
TIII		TIIT		HIII	11	111	11	40-	11	11
TIT	THEFT	TIT	TIT	1111	TI	7111	TI	21-1-	11	TT
						HIL	11	62 61	11	H
111		111	11	IIII	11	THE	11	6161	-	II
111	1111111111	111	11	1111	11	111		10.10	64 6	N
TII	THILLIAM	1111	TIF	1111	11		11	63 63	01 7	7
111	THITTIE	TIII	TIF	TITE	TH	111	11	40101		II
111	THIRD	111	11	HIII	11	TIIT	11	040	60 .	=
TII		TIII		1111	T	THI	H	20-21	- 52	H
TII		TIII		TITT	II		11	6161	64 .	31
THE		111	11	HIII	TT	TIII	11	63 63	-	TT.
TIII		TIII		HIII	11		11	7044		-
TIII	THEFT	111	11	HILL	11	111	11	21-12	11	H
TH		111			11	111	11		11	H
TIII		111	11	1111	11	111	11		41	II
111		111			11	111				11
	7111111111	111	11	1111	11	111	11	00-01		11
111							11	6161		H
111		111			11	111	11	44		11
0.410		1233	001-	2121	H 63					
0.00	M 14004 14	222	200	2121	75		-	60 43	44 ,	0 11
										II
Fotal Male Female	Male Female Male Female Male Female Male Female Male Male Male	Total Male Female	Male	Male Female Male Female	Male	Total Male Female	nale	Total Male Female	Male Female	Male
Total Male Fema	Male Femal Male Femal Male Femal Male Femal Male Femal	Total Male Fema		Male Male Femal		Total Male Fema	Mal	Total Male Femal	Total Male Fema	Fema
			rean	1 5			ver)		orp-	
			esan		icy.		o p	SHE	abs	
S	eart		f ca	-	Har Har		an	EAJ	by	
ION	e p	NC	0 11		5		ears	Q ,	or	
TAT	f th	IFA	ntio		ear		6 0	LAI	ons	
ORN	us o	4	me	1	9		a (7	EN	pois	nces
LFC	halh enir ition	RLY	out	1	nar 		antie	E	ld 1	ostai
MA	I m	EA	vith		car		lem	AC	liqu	sm
AL	ydro and alfo	OF	the state of		of		le d	OR	Jo.	sive
H	l h; lda l m litte	SS	rth	8	nck	TY	seni	Ė	Dild	rro
GE	bif bif mits mai	ASI	e bi	tion	ng I	HE	ut :	LE	y so	t co
NOC	Congenital hydrocephalus Spina bifida and meningocele Congenital malformations of the heart Abnormalities Others under this title	ISE	nature birth Injury at birth without mention of caesarean	Atelectasis	cluding lack of care	SEN	itho	VIO	es e b	o uo
Ţ	Sr Co	Î				XVI.—SENILITY	(b) Without senile dementia (70 years and over) Male Female	XVII-VIOLENT OR ACCIDENTAL DEATHS	Suicides Total Suicide by solid or liquid poisons or by absorp-	Ĭ
CLASS XIV.—CONGENITAL MALFORMATIONS	(e) (c) (e) (e) (e)	CLASS XV.—DISEASES OF EARLY INFANCY			(a)	6.7		XV		
ASS	157	ASS	159	161		CLASS	162	CLASS	163-171	
CL		CL				CL		CL	163	

TABLE 20.—CAUSES OF DEATH BY SEX AND AGE IN CALGARY, 1936—Continued

	Deltate down	
	100 years and over	
	95-99 years	
	90-94 years	
	85-89 years	
	80-84 years	
	75-79 years	
	70-74 years	
	65-69 years	
	60-64 years	-111111111-1111111111111111111111111111
	55-59 years	
	20-24 Aests	
	45-49 years	
AGES	40-44 years	N
AG	32-39 years	-
	30-34 years	7 11 11 11 11 11 11 11 11 11 11 11 11
	25-29 years	1 1 1 1 1 2 1 1 1 1 1
	20-24 years	
	15-19 years	
	10-14 years	
	5-9 years	
	4 years	
	3 Aests	
	2 years	
	I year	
	Under I year	
	Total	2 1221 281111 SHILL 4
	he h	Male Female Female Female Male Female Total Male
	CAUSES OF DEATH	165 Suicide by hanging or strangulation 166 Suicide by drowning 167 Suicide by firearms 168 Suicide by firearms 168 Suicide by cutting or piercing instruments 173-175 Homicides 173-175 Homicides 174 Accidental absorption of toxic gases 175 Other acute accidental poisonings (except by gas) 180 Conflagration 181 Accidental burns (conflagration excepted) 186 Accidental injury by fall or crushing 188 Injuries by animals 194 (a) Other accidents 195 CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH
		165 166 167 168 173-175 176-198 1779 188 188 194 CLASS X

SPECIAL CLASSES OF ACCIDENTAL DEATHS (INCLUDED ALSO IN THE PRECEDING TABLE), CALGARY, 1937 Male
Female
Male
Male
Female
Male
Female
Male
Female
Male Automobile and motorcycle accidents Other land transportation Street-car accidents Air transportation C Railway accidents А 国 [iii H

TABLE 21.—SPECIAL CLASSES OF ACCIDENTAL DEATHS SUBDIVIDED ACCORDING TO NATURE OF ACCIDENT

1	CAUSES OF DEATH	Male	Female
1	A.—Accidents in mines and quarries	20	
82	Accidental mechanical suffocation	3 1	****
83	Accidental drowning		****
86	Accidental injury by fall or crushing	16	
	B.—Accidents caused by machines	11	1
85	Accidental injury by cutting or piercing instruments	1	112
86	Accidental injury by fall or crushing	10	1
	C.—Railway accidents	18	
78	Accidental absorption of toxic gases	1	
86	Accidental injury by fall or crushing	17	
	D.—Street-car accidents	1	1
86	Accidental injury by fall or crushing	1	1
1	E.—Automobile and motorcycle accidents	42	13
80	Conflagration	1	
83	Accidental drowning	1	3
86	Accidental injury by fall or crushing	40	10
	F.—Other land transportation	12	4
82	Accidental mechanical suffocation	1	
86	Accidental injury by fall or crushing	11	4
	G.—Water transportation	3	
83	Accidental drowning	3	
	W. Ale terresentation		
86	H.—Air transportation	1	1
96	Accidental injury by fall or crushing	1	1

TABLE 22.—TOTAL DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATHS IN INSTITUTIONS, CLASSIFIED ACCORDING TO RESIDENCE OF DECEDENTS IN CLASSIFIED ACCORDING TO RESIDENCE OF DECEDENTS IN CLASSIFIED ACCORDING TO RESIDENCE OF DECEDENTS IN ALBERTA, 1937

					AII	All Deaths	aths		1			-			Dea	Deaths in Institutions	in:	Insti	ituti	ions				1	Deaths elsewhere than in Institutions	ıs e	Isew	her	e th	lan	l ii	nsti	tutio	Suc	1:
	1			1	1		Non-resident in city or town where death occurred and	or town	occur	nt in c where rred an	cit	1 8						N P	or or leath	tow tow	Non-resident in or town wher death occurred	in her ed a	city						1	Nor	Non-resident in or town wher death occurred a	side occu	wh urre	n city ere	A 41
Cities	H	Total		Res	Residents	nts	Res	Resident in Province		Non-resi- dent in Province	resi- t in ince		Total	al	H	esid	ents	124 124	Resident in Province	lent	Pag	Non-redent Provin	in in		Total		Re	Residents	ents	Re Pro	Resident in Province	nt ce	Non-r dent Provi	-res	1 4.0
	Total	Male	Female	IntoT	Male	Lemale	Total	Male	Female	Total	Female	Total	Male	Female	Total	alald	Female	IstoT	Male	Female	IstoT	Male	Lemale	Total	Male	Female	LatoT	Male	Female	IntoT	Male	Lemale	Total	Male	Lemale
Calgary Edmonton Lethbridge Medicine Hat	828 1083 187 164	480 533 101	348 638 450 629 75 109 63 94	638 629 109 94	354 284 358 271 65 44 56 38	2717	1771 435 2 77 58	262 1 46 38	21 20 1	12 13 1	113	17.851	517 3 826 4 146	319 19 487 33 62 3	198 356 339 392 58 72 39 38	25 224 22 224 72 45 88 23	2 144 2 168 3 27 3 15	4 156 4 21 7 73 5 54	6 103 42 3 42 4 35	3168	1351	4014	H 63 173	311 257 41 63	161 146 24 39	11150 1111 171 171	282 237 37 56	134 134 33	140 103 17 23	14 4 4	5046	00 NO 14	00 to	900 00	1000

TABLE 23.—TOTAL DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATHS IN INSTITUTIONS, SHOWING THE NUMBER NON-

			All L	All Deaths					In Institutions	itutions		
		Total		Non	Non-resident in Province	nt in	11 341	Total	May 1	Non	Non-resident in Province	nt in
The same of the same	Total	Male	Female	Total	Male	Total Male Female Total Male Female Total Male Female Female	Total	Male	Female	Total	Male	Femal
Total for the Province	6261	3661	2600	80	49	31	3100	1859	1241	48	29	19

TABLE 24.—RATE PER 100,000 POPULATION AND NUMBER OF DEATHS BY AGE PERIODS FROM CERTAIN SPECIFIED CAUSES, FOR

80 years and over 4 1 2 4 6 2 688 41-4 70-79 years 81e9 years 20-29 years 82-9-24-46-400 40-49 years Number of Deaths 4-8-45-0-6-000000 30-39 years 112222266 20-29 years :01401H 12-19 years 131120 010101 0.1 10-14 years 2-9 years 10011201100 :01 I-4 years THE WHOLE PROVINCE, 1937 Under I year 266 284 74 70 70 70 26 36 36 36 36 36 36 36 All Ages Death Rate per 100.000 Population and thrombosis haemorrhagic infarct of the lung Diseases of the thyroid and parathyroid glands Anaemia Leukaemia and aleukaemia Erysipelas

Poliomyelitis and polioencephalitis (acute)

Epidemic cerebrospinal meningitis

Tuberculosis of the respiratory system

Tuberculosis, other forms

Syphilis

Purulent infection, septicaemia

Cancer and other malignant tumours

Tumours, non-malignant and not specified Progressive locomotor ataxia Cerebral haemorthage, cerebral embolism General paralysis of the insane Dementia praecox and other psychoses Epilepsy Diseases of the ear and mastoid process Diseases of the heart CAUSES OF DEATH Typhoid and paratyphoid fever Diseases of the arteries Alcoholism Simple meningitis Whooping-cough Pleurisy Congestion and Scarlet fever Diphtheria Influenza Pneumonia Bronchitis 107-109 110 111 1112

17
1937
H
W
-
- 2
15
4
0
\geq
BY
m
157
i
2
20
144
144
m
H
4
127
OF
0
12
0
z
H
PROV
0
8
D.
THE
Ξ
E
Z
H
02
H
0
4
H
K
K
4
MA
F
10
25
[4]
1
m
0
Fee
7

1	1		
	December	1135	571
	November	123 30 20 20 15 10 10 10 10 10 10	931
	October	160 125 29 17 17 4 4 4 4 4 4 559	812
	September	121 121 17 17 17 19 194	502
	tsuguA	115 89 18 10 10 10 190	445
MONTHS	July	168 125 17 18 18 288	635
MOI	əung	149 133 21 21 21 10 10 6 6 299	645
	Мау	887 115 153 151	365
	· lindA	1122113	398
	March	91 84 10 12 3 2 2 7 7	404
	February	75 15 16 14 14 14	303
	January	81 12 12 4 8 8 8 165	334
	Total	1469 1174 244 173 93 48 76 3068	6345
		Edmonton Calgary Lethbridge Medicine Hat Red Deer Wetaskiwin - Drumheller Rural Districts	Total for the Province

-	
1937	
6	
-	
ŝ	
區	
B	
H	
円	
4	
H	
TING PARTIES	
S	
6	
H	
O	l
A.	
出	
H	
Z	
0	
CONTRAC	
OF	
0	
5	
9	
E.	
H	
A	
Z	
ON	
CON	
CONDITION	
ONJUGAL CON	
-CONJUGAL	
-MARRIAGES-CONJUGAL	
-CONJUGAL	
-MARRIAGES-CONJUGAL	

				Ma	Marriages		between			Per	r cent.	Jo	Per	cent.	
	səße	Bach	Bachelors	and	Widowers	- 00	and	Divo	reed	Bri	ridegroot who wer	ms	Brid	des wh	
	Total Marri	Spinsters	swobiW	Divorced	Spinsters	swobiW	Women	Spinsters	Widows Divorced Women	Bachelors	Widowers	Divorced	Spinsters	swobiW.	Divorced
Total for the Province	6345	5616	153	93	204	120	27	108	11 13	92.4	5.5	2.1	93.4	5.5	2.1

1	75 & over	
	₽L-0L	0 0-
	69-29	
	19-09	70000011
	69-99	1 110 600 411
	20-24	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	49	1000111
1	48	H 00 H 000H
1	47	H 100 000
1	46	нн 8 н ннюн
-	45	0
1	4	
-	44	0 :
-	65	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	1 42	
	14	T T NORTHER NORTHER
	40	
	33	
	99	HO 44 0440000 HO 046
	37	0 0 4-00 0
	36	0 1 1 0 147001000010 1 100110
	123	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
les	25	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Brides	65	H 1000040000000 H H00 00 H000
H	83	
of o	31	
- 1	98	
Ages	29	1 82-80884486 60482-8448 884-1181 8 1
1		04000-014880c40000c000 444 0
	1 28	100000748480000004080408010001011 11001 11
	5 27	
	26	123 442 533 54 55 54 55 55 56 56 56 56 56 56 56 56 56 56 56
	55	482888888888888888888888888888888888888
1	3 24	99814448884888988181188845-1 98-19 1-19 1-19 1-19 1-19 1-19 1-19 1
1	133	121284888821884828454118411188 1 1 2
	22	
	21	23 24 27 27 27 27 27 27 27 27 27 27 27 27 27
	30	H44F00004000HH
	8 19	H-10040046004H-1
	18	440000440001 44
	17	
	16	44-6273413669694 9 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-	Under 16	11

	Total	2325 2325 2332 2332 2332 2332 2332 2332
	Su	
	noo	
	St.	
	Ages of Bridegrooms	
	ri	
	щ	8
	0	Over 18
	Ses	- C
	Ag	Under 118 118 118 118 118 118 118 118 118 118

37
19
4
ERTA
ER
BI
H
-
OF
1
5
Ë
0
R
14
THE
H
7
H
i
BRIDES
3R
-
ND
A
to
M
0
RC
9
E
Ξ
BE
F
0
23
C
A.
PI
H
E
BI
T
ES
C
IA
H
AB
M
T
28
ABLE
B
TA

		Various Not Specified	0400000040t	1138 1139 1139 1139 1139 1139 1139 1139	1 24 42
	-	United States	268 133 135 146 146	1001 11	4
	g	Other			
	Asia	China	-		
		Other	0		13
		uəpəms	70 H 4	21 11	9
		eissnä	121 11201	400H	100 H
		Roumania	ro	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50
	1 11	Poland	252331		
		Norway	8 1 2 1 15	44	6
	Europe	Italy	62 63		9
	Sur	Hungary	61 11		8
	-	Holland	4 1 1 1 2	27-1-12	1 1 2 17
		Germany	11 11 12 12 4	704 11	16
		France	8 8		-
es		Finland	0 1 2	0101	13
Brides		Belgium	н	0101	1 2 -
of B		Austria	0 0	HH	122
	suois	Other			-
Birthplaces	British Posses-	Newfoundland	4	21-11-11	71 11
irth	99	Other			
B	British Isles	Wales	11 13 13 13	P-4 H-0	1 7 5
		Scotland	911 85 4 7 5 1	111 119 119 119 119 119 119 119 119 119	9
		Ireland	14 14 2	5,0000	11 11
		England	137 100 100 100 100 100 100	626 539	1 18
		Prov. not specified	8		
	100	British Columbia	88	821-62 : 63	61 00 -
	Canada	Alberta	2544 8 8 27 16 185 185 1870 1870 1870	379 211 28 110 30 30 8	457
		Saskatchewan	330 330 330 141 141 9	66 43 113 6	19
		Manitoba	123 123 185 185 185 185 185 185 185 185 185 185	121 132	27
	Ca	Ontario	2 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 19 19	1 2 1
		биерес	4-1 81 22 22 21	82 1 1 1	H 4
		New Brunswick	00 11-11-12-1	8 H S H S	1 2
		Nova Scotia	26 27 11 11 14 11 11 11 11 11 11 11 11 11 11	- 10000-	
		P. E. Island	4	F F	
		Total Grooms	3898 26 58 24 117 393 223 383 2254 113	773 426 65 59 222 59 1	932 29 11
		Bridegrooms	CANADA Prince Edward Island Pova Scotia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta British Columbia Province not specified	England Ireland Scotland Wales Other BRITISH POSSESSIONS	Newfoundland Other EUROPE Austria Relgium

111111111	1111		60
THITTIE	TITLE	-	60
01-1- 01-00 N04		119	498
TITITITI		-	1 4
	THE	111	
Timitimini			H
16 2 116	1111	- 11	23
63 60	1111	7.0	18
1 2023		4	822
111111111111111111111111111111111111111	1111	63	30
61 144	HIII.	7	124
1 1 1 1 1 1 1	1111	61	27
101	1111	111	6
2 9 2		01	22
0 0		-	2 18
6 6		111	5 32
			63
HHHHHH		01	23
Tillilli	TITT		10
H	Till	111	15
THITTITITI	HIII	-	6.3
THILLIHI	IIII	III	7
THEFT	1111	111	1
1117111117	1111	9	38
11		6	110
	HIH	60	35
100 1040 100		1 26	4 272
	1111	1 1	
	10 H 01	1 1	8 126
	-	375	3768
0.0000000000000000000000000000000000000	21 11	1 10	230
N H-000000		3 16	187
HER WEE WA		1 33	53 208 187 530
		1	
7111111111		1	8 15
		1 4	6 38
2312238 865 1354 144 144 144 144 144 144 144 144 144 1	00 00 03 00	709	6345
Finland France Germany Holland Hungary Italy Norway Poland Russia Russia Sweden Other	ASIA China Japan Other	United States Various Not specified	Total Brides

12
1937
_
d
E
出
띘
堮
ALBERT
ŝ
呂
E
円
3
PARTIES
ING
E
U
A
H
E
0
CON
OF
-
-DENOMINATIONS
Z
9
H
3
E
Z
0
Z
H
4
K
U
4
-
RI
RRI
ARRI
MARRIAGES
1
- 1
29
29
29
29
29
- 1
29
29

			10 ,
	Not stated		
	Other sects		106
	No religion		3 21
	Oriental religions		
	United Church	21 6 6 6 7 11 11 11 10 2	1705
	United Brethren		26
	Unitarians		4
	Salvation Army		23
	Roman Catholics	255 25 25 25 25 25 25 25 25 25 25 25 25	1114
	Protestants	11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	204
	Presbyterians	22 2 2 3 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	498
	Pentecostal	2 6 6 2 3 3 2 2 1 1 3 3 2 2 1 1 1 3 2 2 1 1 1 1	300
des	Mormons	9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	138
Brides	Mennonites	3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	59
Jo	Lutherans	22 33 33 33 34 48 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	621
sue	Jews	17	21
Denominations	Movement		1
min	Greek Orthodox	222 22 22 22 22 22 22 22 22 22 22 22 22	279
eno	Greek Catholics	324	262
Д	Friends		
	Evangelicals	1222 12 1 2 1 1 1 4 1	25
	Disciples		23
	Church of Christ	2 2 1 2 1 1 4	12
	Christian Sclence	81 1 1 1 1 1 1 1 1 1	11
	Christians	121 12	33
	Brethren	HU60	10
	Baptists	32 21 132 22 112 4 22 22 113 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	290
	Anglicans	122 22 22 22 22 22 22 22 22 22 22 22 22	793
	Adventists	024	41
	Total Grooms	844 273 46 66 40 40 40 40 40 40 1116 21 21 21 22 25 25 25 25 25 25 25 25 25 25 25 25	6345
	Denominations of Grooms	Adventists Anglicans Anglicans Baptists Brethren Christian Science Churitian Science Churitian Science Churitian Science Churitian Science Churitian Science Churitian Science Churitians Evangelicals Friends Greek Catholics Greek Cuthodox Holiness Movement Jews Lutherans Mornonites Morn	Total Brides

TABLE 30.—DIVORCES AND NULLITIES BY JUDICIAL DISTRICTS FOR THE YEAR 1937

		Divorce	s	1	Nullities	
Judicial Districts	Number of Divorces	Granted to Husband	Granted to Wife	Number of Nullities	Granted to Husband	Granted to
Edmonton Calgary Medicine Hat Lethbridge Red Deer Macleod Vegreville Drumheller Peace River	111 105 6 7 2 1 4 2 3	55 34 4 4 1 1 1 2	56 71 2 3 2 3 1	3	2	2 1
Total	241	102	139	5	2	3

DIVORCES IN ALBERTA SINCE THE PASSING OF THE ACT

Year	Granted to Husband	Granted to Wife	Total
9	3	3	6
0	74	26	100
i	50	37	90
2	90	49	129
9	E77	32	89
4	ee.	53	119
E	50	49	101
5	70	75	154
	83	66	140
7		00	143
8	91	84	1/3
9		71	148
0,	64	87	151
1	69	87	156
2	68	81	149
3	56	79	135
l	62	106	168
5	74	135	209
	7.4	135	209
	102	139	241

TABLE 31.—BIRTHS OF INDIANS (EXCLUSIVE OF STILLBIRTHS), BY MONTHS, ALBERTA, 1937

							M	Ionth	s				
	Total	January	February	March	April	May	June	July	August	September	October	November	December
Total for the Province	882	57	87	90	85	80	81	60	70	63	58	67	84

TABLE 32.—BIRTHS OF INDIANS (EXCLUSIVE OF STILLBIRTHS), CLASSIFIED AS LEGITIMATE OR ILLEGITIMATE, ALBERTA, 1937

	To	tal Bir	ths	Les	gitim	are	Ille	gitim	ate
	Total	Male	Femaie	Total	Male	Female	Total	Male	Female
Total for the Province	882	422	460	774	368	406	108	54	54

TABLE 33.—DEATHS OF INDIAN CHILDREN (EXCLUSIVE OF STILLIRTHS) FROM CERTAIN SPECIFIED CAUSES IN FIRST YEAR OF LIFE FOR EACH SEX, ALBERTA, 1937

	Causes of Death	Total	Male	Female
ALL C	AUSES	163	80	83
7	Measles	13	4	9
8	Scarlet fever			1
9	Whooping-cough	9	2	7
10	Diphtheria	1	1	1
11	Influenza	31	21	10
23 24	Tuberculosis of the respiratory system Tuberculosis of the meninges and central ner-	4		4
05 00	vous system	1	1	
25-32	Tuberculosis, other forms	1	1	
67	Diseases of the thymus gland	1	1	
79	Simple meningitis	1	****	1
86	Convulsions	3	0.00	3
107	Bronchopneumonia	27	. 15	12
08. 109	Pneumonia	24	13	11
119	Diarrhoea and enteritis	9	5	4
157	(c) Congenital malformations of the heart	1100	2000	1111
158	Congenital debility	7	3	4
159	Premature birth	13	5	8
160	Injury at birth	1	1	
161	Other diseases peculiar to early infancy (under			1
	3 months) Total	13	6	7
	(a-e) Specified diseases	6	4	5
	(f) No cause given, no doctor in attendance	7	2	5
.00 000	Other specified causes	2	. 1	1
199-200	Unspecified or ill-defined causes	2		2

-
92
93
0
团
63
×
6
R
=
0
ದ
a.
回
8
⋍
14
8
-
63
Ħ
-
ne
Q
T.
国
Ø
1
-
0
5
7
9
0
爂
07
n
H
22
ž
ANS
IANS
DIANS
NDIANS
INDIANS
INDIANS
F INDIANS
OF INDIANS
OF INDIANS
S OF INDIANS
HS OF INDIANS
THS OF INDIANS
ATHS OF INDIANS
TATHS OF INDIANS
EATHS OF INDIANS
DEATHS OF INDIANS
DEATHS OF INDIANS
F DEATHS OF INDIANS
OF DEATHS OF INDIANS
OF DEATHS OF INDIANS
S OF DEATHS OF IN
S OF DEATHS OF IN
ISES OF DEATHS OF INDIANS
S OF DEATHS OF IN

	Not stated	1111	1 1 1 1	11	11			11			1 1	11		11	1 1
	and over		111	- 1	11			1 1	11	11	1 1	1 1	111	11	
	100 years	4 4	111					11	11	11	11		11	11	1 1
	95-99 years	400	HH :	1 1	11				-	1 1	1 1		1 1	11	
	90-94 years	90 10 00		1 1	11			1 1	1 1	11	1 1		1 1	H :	4
	85-89 years		00 00	1 1	1 1		. 01		5 5	1 1	11	1 1		-	1
	80-84 years	311	400	1 1	11			1 1	11	1 1	1 1	1 1	:01	01010	4 :
	75-79 years	1000	00 63 00	11	11		10	01	1 10	N :		1 1	:		
	70-74 years	13	1-100	1	11	2	-		011	-	101	1 1	-	-01-	-
	65-69 years	410									1 :		-		
	60-64 years	14 8 8	946	11		-		1				-	-	01010	
	25-59 years	11.09	F- 64 TO	11			23	11	11	7	1 1	7	61	62 64 6	,
	20-24 Years	0014	400				-	11	11	-	11		6.1	-121-	1
SS	42-49 years	213	01 01				23	11	11	24		11		11	
AGES	40-44 years	1512	00 60 70	11	11		11	11	11	11	11	11	6.3	1000	
	32-39 years	11 92	021101		11		-	-	11	11	11	-	11		1
	30-34 Years	15	1-004	F	11	-		11	1	11	11		-	63 H 6	9
	25-29 years	13 3 16	130	11	11			11	11	11	11	11	.63	F= 60 0	9
	20-24 yeras	2112	F.8.0	11	11			11	11	11	11		00	0000	0 =
	15-19 years	34	28 112 116	11			-	-		11	11		12	122	1
	10-14 years	20 111 9	13	11	11	-	-	11	1	11	1 3	7	9	1097	*
	2-9 years	1823	12033	44	-	-		11	11	11	11	-	15	160	0 00-
	4 years	73 4 11	6001		11	-			-	II	II		-		1
	3 years	151	0.518	12	11		63	63	11	-	11		-	60 H C	9 -
	Z years	18 10 10	119	63 63	-	61	6.1	11	11	H	II	11	9	604.	0
	I year	25 25	137	61 63	01	9	- 63	11	60	-	-		6	13	9 9
	Under 1 yr.	83 83	388	40	011	21	10	-	11	20	11	11	61	4	
-	IstoT	544 277 267	293 142 151	15	40-	33	29	13	30	12		20	79	69	5 70 =
					T										
		ile	le	ale	ale	ale	ale	ale	ale	alle	ale	ale	ale	ale	ale ale
	Harry 19	Total Male Female	Total Male Female	Male	Male Female Male	Female	Female Male	Female Male	Female	Female	Female Male	Female Male	Female Male	Female Male	Male Male
-		FAR	HZH	24	-	-		H PC	-	-	de pro		-	-	_
			S			Tota		1000	-	yste		-	Tota!		ne
			ASI							y 8,			-		ral
			SE							tor				8	ent
			ā	1					-	ira		- 1		ste	d c
			IC					-		esp				sy	and
	H		SIT							e r		-		ory	es
	ATI		RA							th				rate	ing
	DE		PA							0 8				spi	nen
	4		Q						æ	ase	es			re	u a
1	0 8		AN					ittis	inoni	lise	aus			the	ŧ
	CAUSES OF DEATH	S	SO		ngh		se	bronchitis	pneumonia	With other diseases of the respiratory system	(f) With other causes			Jo	erculosis of vous system
	JA:	usi	OI		00-		can		bud	oth	oth		sis	Sis	sis
	,	CA	53		ing	Za	9	With		th	th	las	olu	olu	ulo
		T	KFI	sles	doo	ien	Sol		With	Wi	Wi	sipe	erc	erc	vol
		-A.	T	Measles	Whooping-cough Diphtheria	Influenza	(a) Sole cause	(P)	(c)	(p)	(f)	Erysipelas	Tuberculosis	Tuberculosis of the respiratory system	Tuberculosis of the meninges and central nervous system
1		DEATHS—ALL CAUSES	CLASS I,—INFECTIOUS AND PARASITIC DISEASES		9 OI							15		23	24
		PAT	AS		-	-						-	23-32	-4	.,
		DE	5												

TABLE 34.—CAUSES OF DEATHS OF INDIANS BY SEX AND AGE.FOR THE WHOLE PROVINCE, 1937—Continued

Total	1 1	Not stated	1 111111	11	114111	111111	1111	111111 11	
100 years 100					111111				
Character Char							111		-
Chorename							114		11
Continue				11	111111		711		
Continue				11				e i i e	
AD				11			111		
Maile Mail						н			
Male									
Maje		65-69 years							
Total Tota		60-64 years		1.1					
Male		22-29 years							
Checker Chec		20-24 years						-	
tract and Kemale Tractal Male Female Tractal Male Tracta	ES	45-49 years		11			111		
tract and Kemale Tractal Male Female Tractal Male Tracta	AG	40-44 years	11111	11			111		
Comparison Com		32-39 years					111		
tract and Male Female Female		30-34 years		11					
tract and Male Female Treat and Male Female Treat Tre		25-29 years	111711			HIIII		-	17
Total Total Temale Temale Total Total Total Total Temale Temale Temale Total Total Total Temale Temale Total Total Total Total Total Temale Temale Temale Temale Total T		20-24 yeras		11					
(bronchial Male Female Total Male Female Total Male Female Fe		12-19 years	HILLII	11	11171			7	-
tract and Male Female 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		10-14 years	IIIIII				111		
toneum Male Female Total Female Total Female Total Female Total Male Female Temale		5-9 years	7	11	11100	1-111	114	111111111	
thoneum Male Female Total Female Temale Total Male Female Temale		4 years		11			1111		H
toneum Male Female Total Male Female Temale Temale Temale Temale Temale Temale Male Female Male Male Female Male Temale Temale Male Female Total Male Female Total Male Female Total Male Female Total Male Female Temale Temale Temale Temale Temale Temale Male Female Male Female Temale Temal		3 years		11					
toneum Male Total Total		2 years		11.	-			T	
toneum Male Female 1 Female 1 Female 1 Female 1 Female 1 Female 2 Female 1 Female 2 Female 2 Female 3 Male Female 2 Female 1 Fema		I year		-		17 11/11	111		
toneum Temale Male Female Male Female Female Female Female Male Female Female Female Male Female Female Female Male Female		Under 1 yr.	-						
itoneum Male Female Male Female		Total	7 1 1 2			1 1 1 1 2 2 3	1-0110	844 4 4	-
itoneum Male Female Male Female		N. KIII SEL	111111						
(bronchial, glands ex- glands ex- ecified puerperal) ynx Total							11.		
(bron glands glands puerp			Male Female Male Female Male	Male Female	male Female Male Female Male	Male Femal Male Femal Male Femal	Total Male Female	Male Female Male Female Male Male Female Female Female	Male
LASS 22 22 22 24 44 45-53 34 45 45 45 45 45 45 45 45 45 45 45 45 45	8		Male Female Male Female Male Female		Male Female Male Female Male Female		Total Male Female		Male
		CAUSES OF DEATH	Tuberculosis of the intestines and peritoneum Female (a) Tuberculosis of the bones Female (b) Tuberculosis of the joints Female Female Female	Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	(a) Disseminated tuberculosis, acute (b) Disseminated tuberculosis, chronic (c) Disseminated tuberculosis, not specified	Syphilis Purulent infection, septicaemia (non-puerperal) (b) German measles		Cancer and other malignant tumours Total Cancer of the buccal cavity and pharynx (b) Of the stomach and duodenum (g) Of other organs of the digestilive tract and peritoneum	(b) Of the lung

	ANNU	AL REPOR	1, 1501	121
	111 11	111 111		
		111 111		
				01 01
		111 111		62 -
			THE HALLERY T	- 1 11
		111 - 1-	7	
			111111111111111111111111111111111111111	
1 11 11 111 1111	111 11	111 111	11111111111111111	-0 0
THE RELEASE		THEFT		11 11
7 11 11 111 1111				HI
		111 111		
1.11 17 111 1111		- -	11111711111111	
- 11 11 111 1111				
9 11 11 111 1111		111 111		
	HI II	4 4	-	
8		5148	2	10 10
Female Male Female Female Female Female Male Female Female Female Female	Total Male Female Male Female	ale ale	ale	ale ale
Female Male Female Female Female Total Male Female Female Male Female	Total Male Female Male Female	Total Male Female Total Male	Male Female Male Female Male Female Male Female Male Female Female Male Female Female Female Total	Male Female Total Male Female
Sq		4 9		3
AN	00	Z Z		To
S C GL	BI	INTOXICA- STEM AND	# X	
Peci INE	ON I	SXS	syst	
ot s ISE SCR ES	D A	AND AND TE SE	e insane years of age) the nervous s	
NDO NO	dise	VOI IAI	of of of BCI	
SES SES SITE SITE SITE SITE SITE SITE SI	BL BL	NG.	nsan ars	
in in and and III III III III III III III III III I	HE gki	POISONINGS OF THE NERV NS OF SPECI	ye the	
bra	F T SI Hod	HO S	of the of	eart
vix the the Land ND SPE	GAN GAN	OF ANS	sis cho cho und und sase	e h
of of of RA	OR	SES	rally psy psy dise	f th
(b) Of the cervix uteri (f) Cancer of the brain (g) Tumours, nature and site not specified II.—RHEUMATIC DISEASES, DISEASES OF THE ENDOCRINE GLAND OF THE ENDOCRINE GLAND OTHER SPECIAL DISEASES (b) Exophthalmic Diseases of the thymus gland	V.—DISEASES OF THE BLOOD A ORMING ORGANS (b) Aleukaemia (Hodgkin's disease)	V.—CHRONIC POISONINGS AND INT TIONS I.—DISEASES OF THE NERVOUS SYST OF THE ORGANS OF SPECIAL SENSE	General paralysis of the insane (b) Other psychoses Epilepsy Convulsions (under 5 years of age) (e) Other diseases of the nervous system (a) Otitis	SYSTEM Diseases of the heart
Car Tun RIII Exe	Ale	TIONS TIONS 1.—DIS OF TH	Simple m General p (b) Other Epilepsy Convulsio (e) Other (a) Othis	SYSTEM
(b) Of the cervix uteri (f) Cancer of the brain (g) Tumours, nature and site not specified III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER SPECIAL DISEASES (b) Exophthalmic Diseases of the thymus gland	IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS (b) Aleukaemia (Hodgkin's disease)	CLASS V.—CHRONIC POISONINGS AND INTOXICA- Total TIONS Male Fema CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND Total OF THE ORGANS OF SPECIAL SENSE Fema	Simple meningitis General paralysis of the insane (b) Other psychoses Epilepsy Convulsions (under 5 years of age) (e) Other diseases of the nervous system (a) Otitis	SY
55 55 CLASS 66 67		CLASS	83 84 85 86 87 89 89 89	
	03			

2
2
=
20
Q
J
55
ř
63
O
Z
×
R
P
M
H
H
M
(M)
THE
H
H
FOR
-
SE
A
0
AND
A
SEX
BY
-
SN
A
Ö
Z
-
OF
in
H
TA
H
А
E
0
JSES
35
Al
9
1
34
田
BI
A
H

11	Not stated	1 1111 1111 1111 11111111111 111 111111
	and over	
	95-99 years	H H N N N N N N N N N N N N N N N N N N
	90-94 years	
	85-89 years	
	80-84 years	
	75-79 years	
	70-74 years	
	82-69 years	
	60-64 years	
	55-59 years	
	20-24 years	
SS	45-49 years	
AGES	40-44 years	
	35-39 years	
	30-34 years	
	25-29 years	
	20-24 yeras	
	12-19 years	
	10-14 years	
	5-9 years	
	4 years	
	3 years	
	2 years	
	1 уеаг	
	Under 1 yr.	
	Total	1 1 2 1 2 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1
		Male Female Female Female Female Female Female Male Female Male Female Female Male Female
	CAUSES OF DEATH	(a) Endocarditis, specified as acute (b) Endocarditis, unspecified (45 years and over) generation (d) Myocarditis, unspecified (45 years and over) arteries (a) Embolism and thrombosis of the conorary arteries (a) Functional diseases of the heart Arteriosclerosis (of coronary arteries excepted) Gangrene VIII—DISEASES OF THE RESPIRATORY SYSTEM (a) Bronchopneumonia (b) Congestion and haemorrhagic infarct of the lung, etc.
	-	91 (93 (94 (97 A 98 G 104 D 106 (106 D 110 P 111 (111 (

							ANN	UA	LI	REF	PORT	, 19	937						123
11	111	111	11	11	11	111	111		11	11	1	1	1	1	1		1		1 11
TI	111	111	TI	II	II	111	111		II	H		T	1	T	T	T	1	11	TH
TI	111		11	11	H	111	111	1	H	11		1	1	-	T	T		11	TII
TI	111	111	11	11	H	111	нн	1	H	11	1	1	-	1	1	1	1	11	TI
TI	111	111	11	11	11	111	0101	·H	11	-	1	1	1	-	1	1	-	11	TH
TI	111	TH	TI	TT	11	111		-	II	TT		1	1	T	1	T	I	TI	TII
11		111	11	-	11		0101	-	11	Н	1	1		T	1	1	1	11	TII
11	111	111	11	11	11	111	0101	64	11	I	- 1	-	I	1	1	1	-	11	TII
TI	111	111	11	11	11	111		1	11	H	1	-	1	1	1	1	I	11	1111
TI	111	111	H	II	11	III	THE		11	TI		711	I	T	I	I			17
11		111	11	-	11	111		1	1,1	11		-			-	1	i		1 11
11		111	11	7	11		111	1000	11	11							1		
-11	111	111	Y1	11	11		111	-						1	-	-			
11	111		11	11	11		111	-	11	111	1	1	1	-	1		1	11	
11	111	111	1 1		11		TH	-	11	11	61	1		1	-				
111	111	111	11	11	11		111	000	11		6.1	1	1	1	-	-			1 11
111		111	11		11	-	111	-	11	11	-		-				- 1		
III		111	-	11			111	1	11		-		. 1	1	1	1	-	11	
					11		111				-				-				
TI		111	- 1	11	11		111	1	11			1	1		****				
TI		111	11	-	11	111	111	1	11			-			-	1	-	11	1 11
TI		111	11	II	11	III		1	H	II		T			1			911	
TI		111	11	11	-	111	111	1	11	11		-		1	1	1			
11		111	-	H	11		111		11		1	1			-		-		
11	21-1-		11	11	11	111	1111		11	11		-			-	1	-		1 11
-	0704	10.4	11	11	11	111	111					1	- 1						1 11
F	1010	910	20 0	NO	-	-	100	9	-	60	-1	63	-	-	-	-	1		1-
T			11			Ш		-	II							-			TH
Male	Total Male Female	Male Female Male	Female	Male	Male	Male Female	Total Male Female		Female	e	=	Female	Female	Female	Female	Female	Female	le e	Female Male Female
system Male Fema	Total Male Fema	Male Femal Male	Fen	Male	Male	Male Fema	Total Male Fema	Male	Fen	Mal	Total	Fen	Fen	Fen	Fen	Fen	Fen	Total Male	Fema Male Fema
em				-	-			-	-	-			ottic				-t-	AR	Jo
syst	EM	age		to copie			X	100000	0	-	СИГЕОВІВТН		sei				nd	7D	pue
100	YST	o pi					AR		ptec		9		Jo				the	ELI	5
respiratory	S	ars					N		xce		H		lon		а		Jo	0	mes
phre	E S	ye					5	-	e e			ns	ent		ipsi		uo lo	Z	an
res	ST	y y					01		uno		SE	itio	В		lam	>	litti	Y.	pu
-	GE	ide:					N		ŭ		SS	puo	out		ec	nuc	ono	K	e d
the ed)	ā	ittis			g		G		(tr		Se	00	Ith		pun	gus	g c	S	skir
of	H	tis			ctio		H		ler	ate	AL	ptic	8		9	pre	ifie	E	9.6
exc	1	teri			tru		E		lade	osts	FE	se	Hon	via	ur	Jo	bec	F	ssu
diseases of ulosis excep	0	en			ops		OF	itis	e b	pr	ERE	vith	sta	rae	umir	as	nus	o s	r oi
Other diseases of the (tuberculosis excepted)	SES	rrhoea and enteritis (under 2 years of age) Diarrhoea and enteritis (2 years and over)	99		nal	culi	ES	phr	th	the	SES	Abortion with septic conditions	Ectopic gestation without mention of septic	Placenta praevia	albu	emi	or u	ISE	ar diseases of the
er	EA	rrho	icit	nia	estin	cal	EAS	ne	s of	jo s	SEA	ortic	Ectopic ge	cent	le.	oxa	al s	SE	dise
Other (tuber	DIS	rho	bua	Her	Inte	r.	LEN	nic	ases	ases	DIS	Abo	Ect	Plac	.ber	it.	Other	DI	the
(0)	1	Diarrhoea and enteritis (under 2 years of age) (a) Diarrhoea and enteritis (2 years and over)	Appendicitis	(a) Hernia	(b) Intestinal obstruction	Biliary calculi	X.—DISEASES OF THE GENITO-URINARY SYSTEM	Chronic nephritis	Diseases of the bladder (tumours excepted)	Diseases of the prostate	XI.—DISEASES OF PREGNANCY, AND THE PUERPERAL STATE	(a)	(e)	(a)]	Puerperal albuminuria and eclampsia	Other toxaemias of pregnancy	(b) Other or unspecified condition of the puer- peral state	XII.—DISEASES OF THE SKIN AND CELLULAR Total TISSUE	Other diseases of the skin and annexa and the cellular tissue
114	CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM	119 1							135 I			140 (146 I		150 (153 (
H	LAS	11	121	122		126	CLASS	131	13	137	CLASS	14	142	144	14	147	***	CLASS	11
	5						5				5							5	

TABLE 34.—CAUSES OF DEATHS OF INDIANS BY SEX AND AGE FOR THE WHOLE PROVINCE, 1937—Continued

		OF LOCOMOTION Male Female	Total Male Female	Male Female	Total Male Female	Congenital debility Premature birth Male Male Female Dinuv at birth without mention of caesarean		Other diseases peculiar to early infancy (under 3 months), including lack of care Remale No cause given, no doctor in attendance Remale	Total Male Female	(a) With senile dementia (70 years and over) Remale (b) Without senile dementia (70 years and over) Male
	Total Under 1 yr.			-	34 34 15 15 19 19	62 44 10 00 62 44 10 00		0101010	00 00 01	1 100
	Z years			-						
	3 Years	111		11			THE	1 11111		
	4 years			11						
	10-14 years			11		1111				
	15-19 years	111	III	11		IIII	HIII	LILL	111	
	20-24 yeras	111	111	11	111	1111	11111			
	25-29 years 30-34 years		111						111	
	32-39 years		111	11			11111		111	1111
AGES	40-44 years		111	11	111	TIII	11111	1 1111	1111	
100	20-24 years 45-49 years			11	111					
	22-29 years		111					1 1111		
	60-64 years		111		111	IIII	HIII	IIIII	III	111
	82e9y 69-69	111	111	11	111				111	
	70-74 years		111	11	111				0101	0
	80-84 years	111	111		111	1114	11111	1 1111	40-	100-
	85-89 years		111		111	1111	IIIII	1.1111		-
	90-94 years 95-99 years		111	11	111				111	
	100 years	111	111	- 1 1	111	1111		1 1111		
	Not stated									

		11		-	11	11	11		11		111	1111
11				1					11			1111
111				1	11		11	11	11			1111
111			-		11	11		11	11			1111
						111			11			-
11									11			1111
			-	-	11	11	11	11	11			1111
				-		11	11	11	11	111		-
						11			11			
	1 1					11			1 1	3 3 3		
					-	11	11	11	-	111		
				1	-	11	-	11	TI			
27-					-	111	1	-				
60 60	1 1			1	:00	11	.00	100	1/18	2 1		
1010		-	-	1	-	1 1	-	1	11			
		1		-	11	11		11	1 1			
			-	1			11	1 1	11			1111
0101				1	. 01	1	12		11			
2					-	-	1	11	-		21	
		4 3		-	2 1			-	1 11			
			-	-	1	-	11	11	11			
	1		-	T	1 1	-	-	1 1	11			н
+	1 1		-	-	11	11	11	1 1	11		0101	10
					- 1				11			-
	1	1 1			-	-						4 4 4 4
4			-	1	-	-	1		11		01 01	67
4				1	13	200	11	T.	61			
11	•			1	13 1	11	11	1			01 01	100
19 74	•					mm	7	1	[2]		51 82	1112
19 74	•					mm	7	1	[2]		51 82	1112
11	Male	Female 1				mm	7	1	[2]		51 82	100
Total 19 Male 14	Male					mm	7	1	[2]		Total 13 2 Male 8 Female 5 2	Male 1 Male 1 Male 7 7 2
Total 19 Male 14 Female 5	Male					mm	7	1	[2]		Total 13 2 Male 8 Female 5 2	Male 1 Male 1 Male 7 7 2
Total 19 Male 14 Female 5	Male					mm	7	1	Female 2		Total 13 2 Male 8 Female 5 2	Male 1 Male 1 Male 7 7 2
Total 19 Male 14 Female 5	Male					mm	7	1	Female 2		Total 13 2 Male 8 Female 5 2	Male 1 Male 1 Male 7 7 2
Total 19 Male 14 Female 5	Male					mm	7	Female 1	Female 2	Female 1 Male 1 Female 1	Total 13 2 Male 8 Female 5 2	Male 1 Male 1 Male 7 7 2
Total 19 Male 14 Female 5	Male					mm	7	Female 1	Female 2	Female 1 Male 1 Female 1	Total 13 2 Male 8 Female 5 2	Male 1 Male 1 Male 7 7 2
Total 19 Male 14	Male	Female 1	Female	Male		mm	7	Female 1	Female 2	Female 1 Male 1 Female 1	Total 13 2 Male 8 Female 5 2	Male 1 Male 1 Male 7 7 2
Total 19 Male 14	Male	Female 1	Female	Male	Total Male	mm	Female 1 Male 7	Female 1	Female 2	Female 1 Male 1 Female 1	Total 13 2 Male 8 Female 5 2	Male 1 Male 1 Male 7 7 2 Female 4 2
Total 19 Male 14	Male	Female 1	Female	Male	Total Male	Female 3 Male 3	Female 1 Male 7	Female 1	Female 2	Female 1 Male 1 Female 1	Total 13 2 Male 8 Female 5 2	Male 1 Male 1 Male 7 7 2
Total 19 Male 14 Female 5	Male	Female 1	Female	Male	Total Male	Female 3 Male 3	Female 1 Male 7	Female 1	Female 2	Female 1 Male 1 Female 1	Total 13 2 Male 8 Female 5 2	n not specified or ill-defined Female 7 7 2
Total 19 Male 14 Female 5	Male	Female 1	Female	Male	Total Male	Female 3 Male 3	Female 1 Male 7	Female 1	Female 2	Female 1 Male 1 Female 1	Total 13 2 Male 8 Female 5 2	Male 1 Female 1 Male 1 Male 7 Female 7 7 2
Total 19 Male 14 Female 5	Male	Female 1	Female	Male	Total Male	Female 3 Male 3	Female 1 Male 7	Female 1	Female 2	Female 1 Male 1 Female 1	Total 13 2 Male 8 Female 5 2	Male 1 Female 1 Male 1 Male 7 Female 7 7 2
Total 19 Male 14 Female 5	Male	Female 1 Male 1	Female	Male	Total Male	Female 3 Male 3	Female 1 Male 7	Female 1	Female 2	Female 1 Male 1 Female 1	Total 13 2 Male 8 Female 5 2	n not specified or ill-defined Female 7 7 2
Total 19 Male 14 Female 5	Suicide by solid or liquid poisons or by absorption of corrosive substances	Homicide by firearms Male	Female	Homicide by other means	Other violent deaths Total Male	Female 3 Male 3	Accidental drowning Male 7	Accidental njury by firearms Rale 1	Accidental injury by fall or crushing Male 2	Female 1 Male 1 Female 1	Total 13 2 Male 8 Female 5 2	Sudden death Temale 1 Female 1 Cause of death not specified or ill-defined Temale 7 Emale 4 2
Male 14	Male	Female 1 Male 1	Female	Male	Other violent deaths Total Male	mm	Female 1 Male 7	Female 1	Female 2		Total 13 2 Male 8 Female 5 2	Male 1 Male 1 Male 7 7 2
19 74	Suicide by solid or liquid poisons or by absorption of corrosive substances	Homicide by firearms Male	Female	Homicide by other means	Total Male	Female 3 Male 3	Accidental drowning Male 7	Accidental njury by firearms Rale 1	Accidental injury by fall or crushing Male 2	Female 1 Male 1 Female 1	51 82	Sudden death Temale 1 Female 1 Cause of death not specified or ill-defined Temale 7 Emale 4 2

200	
52	
200	
6.5	
_	
-	
5-7	
-	
1	
m	
2	
4	
H	
O	
7	
F4	
=	
\Box	
53	
27	
O	
[]	
-	
哖	
0	
_	
5.7	
H	
\mathbf{x}	
₽.	
IN THE	
N	
7	
8	
Q	
CO	
ALSC	
-	
4	
1	
0	
H	
(2)	
0	
H	
5	
-	
INCLUDED	
()	
=	
1	
\mathbf{H}	
-	
co.	
5	
INDIAN	
1	
-	
0	
н	
2	
=	
OF	
DEATHS OF	
DEATHS OF	
DEATHS OF	
DEATHS OF	
DEATHS OF	
DEATHS OF	
DEATHS OF	
DEATHS OF	
DEATHS OF	
DEATHS OF	
OF	
DEATHS OF	
DEATHS OF	
DEATHS OF	
ACCIDENTAL DEATHS OF	
ACCIDENTAL DEATHS OF	
ACCIDENTAL DEATHS OF	
DEATHS OF	
OF ACCIDENTAL DEATHS OF	
OF ACCIDENTAL DEATHS OF	
ACCIDENTAL DEATHS OF	
ON OF ACCIDENTAL DEATHS OF	
ION OF ACCIDENTAL DEATHS OF	
TION OF ACCIDENTAL DEATHS OF	
ION OF ACCIDENTAL DEATHS OF	
ATION OF ACCIDENTAL DEATHS OF	
CATION OF ACCIDENTAL DEATHS OF	
ICATION OF ACCIDENTAL DEATHS OF	
FICATION OF ACCIDENTAL DEATHS OF	
IFICATION OF ACCIDENTAL DEATHS OF	
SIFICATION OF ACCIDENTAL DEATHS OF	
SIFICATION OF ACCIDENTAL DEATHS OF	
IFICATION OF ACCIDENTAL DEATHS OF	
SSIFICATION OF ACCIDENTAL DEATHS OF	
ASSIFICATION OF ACCIDENTAL DEATHS OF	
ASSIFICATION OF ACCIDENTAL DEATHS OF	
ASSIFICATION OF ACCIDENTAL DEATHS OF	
ASSIFICATION OF ACCIDENTAL DEATHS OF	
CLASSIFICATION OF ACCIDENTAL DEATHS OF	
L CLASSIFICATION OF ACCIDENTAL DEATHS OF	
L CLASSIFICATION OF ACCIDENTAL DEATHS OF	
AL CLASSIFICATION OF ACCIDENTAL DEATHS OF	
TAL CLASSIFICATION OF ACCIDENTAL DEATHS OF	
TAL CLASSIFICATION OF ACCIDENTAL DEATHS OF	
TAL CLASSIFICATION OF ACCIDENTAL DEATHS OF	
TAL CLASSIFICATION OF ACCIDENTAL DEATHS OF	
TAL CLASSIFICATION OF ACCIDENTAL DEATHS OF	
PECIAL CLASSIFICATION OF ACCIDENTAL DEATHS OF	
TAL CLASSIFICATION OF ACCIDENTAL DEATHS OF	
TAL CLASSIFICATION OF ACCIDENTAL DEATHS OF	

															-		-	2				-	-
A-Accidents in mines and quarries	Male	-		-	-	100	-	-		-	-		-	-	-		-	-		-	1	1	-
	Female	-		-	-			-		-	-		-	1000		-	1	-	1111	-	-	-	-
B Accidents caused by machines	Male	-		-	-		1000		1000	1			-	-		-	1				*****	1	-
	Female	-		1	-			-		-	-		1		-	-	I		-	-	-	1	-
C Railway accidents	Male	-		-	-		-	1000		-						-	-	-	-		1	-	
The Country and Market	Female	-	-	1	-	-	-	-	1	-	-	-	1	I	-		I	-	-	-	I	1	
D Street-car accidents	Male		****	-	-			1	Total Control	-			1000		-	-	-	-			****		-
The Assistance halls and marginal according and describe	Female				-	-			1000	-	-				19			-	-				1
& Automobile and motor-cycle accidents	Male	7		-	-		-	-	-	-	-	1000	1	1	7	-	-	-	anne man	-	-	1	1
	Female		-	-	1000	1000		1		-	-	1000	-	****		-		-	-	-	-	ī	ī
F Other land transportation	Male		-	-	-	-	1	1	-	1	-		1	-	1	1	1		100	-	-	-	-
	Female	10		-	-	-	1		-	-	100	10	-	-	-	-	2000	-		-		-	1
G Water transportation	Male		-	-	T		-		-	-	-	7	-	1	2000		1	-	-	-	-	1	1
TV ALL Annual contribution	remale	-	-	-			1101	-	-			1000	-	-	2000	-	-		-	-	1000	1	1
H AIr transportation	Male	-	1000	-	-		1010	-	-	-	1111			-	000		1	-	-	-	Ī	1	-
	Female		one land	-	*****	Tree Trees	the last	- Control		2000	1111	seed seed			and a second	-			and the	-	-	-	

IABLE SO.—DIMIN, MANMAGE, DEA	IVILLI, MAL	TOWN THE POPULATION OF THE POP	E, DER	IN UNI	OINE	A RAIL	S FER	O.J. 000.	A AND OTHER RAIES FER 1,000 FOFULATION	ON FOR	A THE	LEAKS	1922-195			
	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937
Birth Rate Marriage Rate Death Rate Rate of Natural Increase Infantile Death Rate (per 1,000 births) Puerperal Death Rate (per 1,000 births)	26.44 6.99 8.62 17.83 91.93 6.68	25.75 6.09 8.06 18.75 90.54	24.74 7.50 8.30 16.42 82.40 6.18	25.02 7.27 7.86 16.16 72.90 5.76	23.79 7.40 8.49 15.31 81.63 5.82	24.03 7.58 8.16 15.87 74.51 6.38	24.79 9.12 9.00 15.79 76.50 6.75	26.19 9.29 9.65 16.54 77.40	26.74 8.08 8.33 18.41 63.57 6.46	23,57 7.02 7.24 16.32 69.38 5.04	22.96 6.83 7.46 15.50 58.68 3.76	21.33 7.10 7.07 14.24 59.90 4.43	21.10 7.87 6.93 14.01 54.89 4.99	21.0 7.7 7.3 14.0 57.8	20.4 7.8 8.0 12.5 60.0	20.4 8.2.2 63.0 4.4

TABLE 36.—DEATHS AND DEATH RATES FROM PUERPERAL CONDITIONS, 1937

	Births	Deaths from Puerperal Conditions	Death Rate per 1,000 Births
Whole Province	15903	11	8.8
City of Edmonton City of Calgary Small Cities Rural Districts	2606 1638 1507 10152	£113	0.976.4

TABLE 37.—VITAL STATISTICS, 1905 TO 1937 INCLUSIVE

	Year	Population	Births	Marriages	Deaths	Excess of Births over Deaths
1905		0.00000000	421	187	114	307
1906	1	185,000	3.003	927	1.091	1.912
907		236,000	4.732	1.907	1.578	3.154
908		266,000	5.973	2.032	2.188	3.785
909		301,000	6,897	2.384	2,662	4.235
910		336,000	8.321	3.086	3,526	4.705
911		374,000	8.813	3,630	3.618	5.195
912		400,000	10.284	4.429	4.232	6.052
913		429,000	11.871	5.053	4.432	7.439
914		459,000	13,685	4.623	4.147	9,538
915		480,000	13,452	4,202	3,588	9.864
916		496,000	13,331	4.230	4,058	9.273
917		508,000	13,576	4.270	4.047	9.529
918		522,000	14.890	4.048	7.924	6.966
919		541,000	14.130	4.718	5.507	8,623
920		565,000	16,565	5.110	5.675	10.890
921		588,000	16,414	4.661	4.940	11.474
922		592,000	16.163	4.272	5.281	10.882
923		593,000	15.153	4.117	4.843	10,320
924		597,000	14.598	4.160	4.907	9,691
925		602,000	15.014	4.363	4.717	10.297
926		608,000	14.455	4.498	5.156	9.299
927		633,000	14.897	4.707	5.059	9.838
928		658,000	15.692	5.776	5,699	9,993
929		684,000	16,924	6,004	6.239	10.685
930		708,000	17.649	5.334	5.396	12.153
931		732,000	17.252	5.142	5.302	11,950
932		740,000	16,990	5.054	5.521	
933				5,389		11,469
934		748,000 756,000	16.123 16.236		5.346 5.337	11.093
935				6,053		10,899
936		770,000	16.183	6,010	5.729	10,454
		772,782	15.786	6.020	6.147	9,639
937		778,000	15.903	6,345	6,261	9,642

POPULATION, BIRTH, MARRIAGE AND DEATH RATES, 1937

Population	778,000
Birth Rate per 1,000	20.4
Marriage Rate per 1,000	8.2
Death Rate per 1 000	8.0

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
905	1.059	3.11	1922	1.034	3.06
966	1,094	2.07	1923	1.072	3.13
907	1,075	2.96	1924	1,036	2.97
908	1,077	2.73	1925	1,042	3.18
909	1,086	2.59	1926	1,053	2.80
910	1,065	2.69	1927	1,065	2.94
911	1,103	2.43	1928	1,064	2.75
912	1,084	2.43	1929	1,042	2.71
913	1,053	2.67	1930	1.027	3.21
914	1,081	3.30	1931	1,075	3.25
915	1,100	3.47	1932	1,052	3.08
916	1,063	3.29	1933	1,053	3.01
917	1,061	3.25	1934	1.032	3.04
918	1,069	1.88	1935	1,055	2.81
919	1,074	2.56	1936	1.049	2.57 2.38
920	1,055	2.92	1937	1,019	2.00
921	1,055	3.32			

