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# CITY OF CALGARY

## DEPARTMENT OF PUBLIC HEALTH

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### Annual Report for the Year 1953

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#### LOCAL BOARD OF HEALTH OF THE CITY OF CALGARY

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Mrs. N. Mowers — 1953-4.

Fred Kenny — 1953-6.

E. C. Thomas, City Engineer, Ex-officio.

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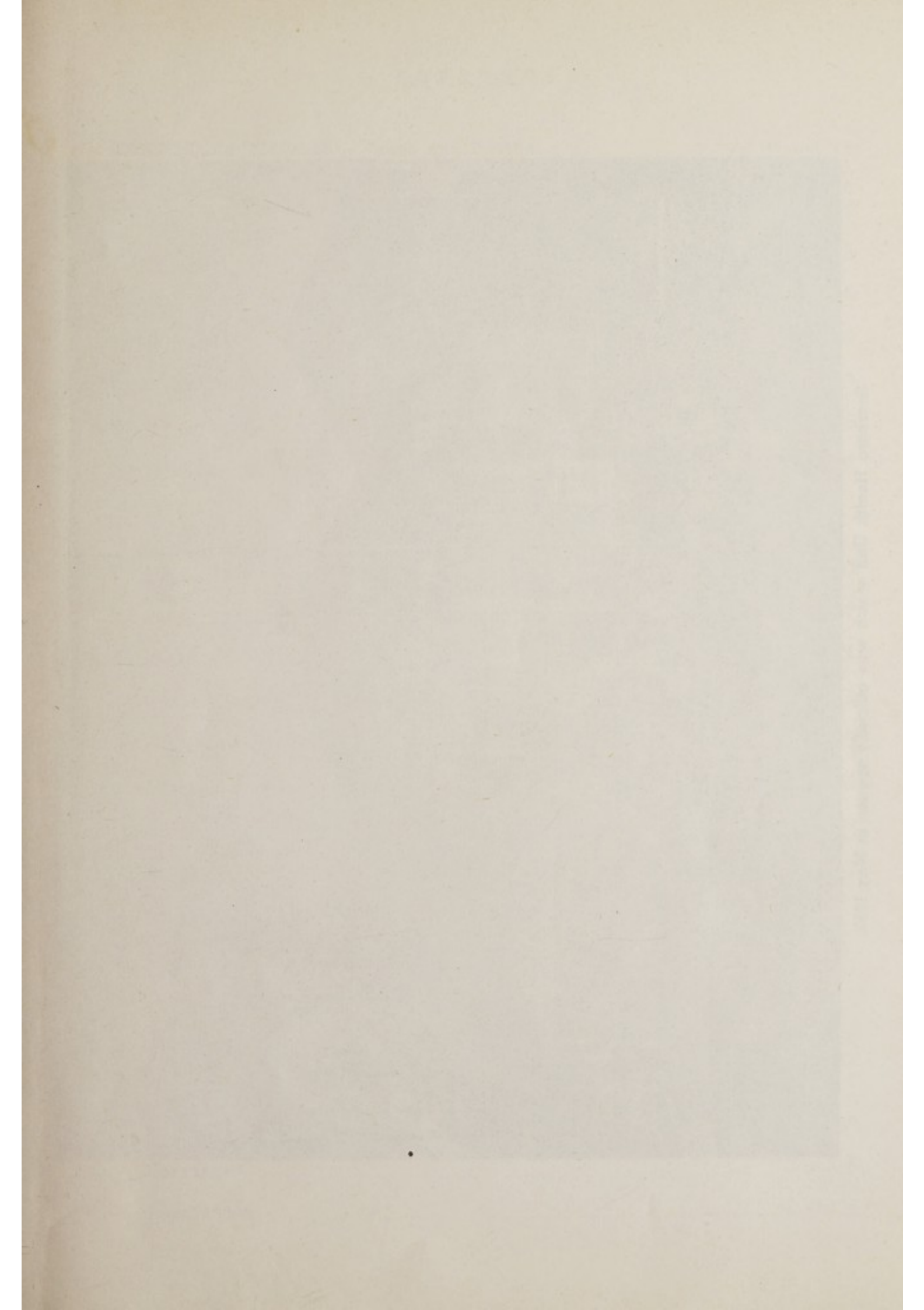
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D.P.H.

Asst. Medical Officer of Health, L. C. ALLAN, M.B., Ch.B.,  
D.P.H.

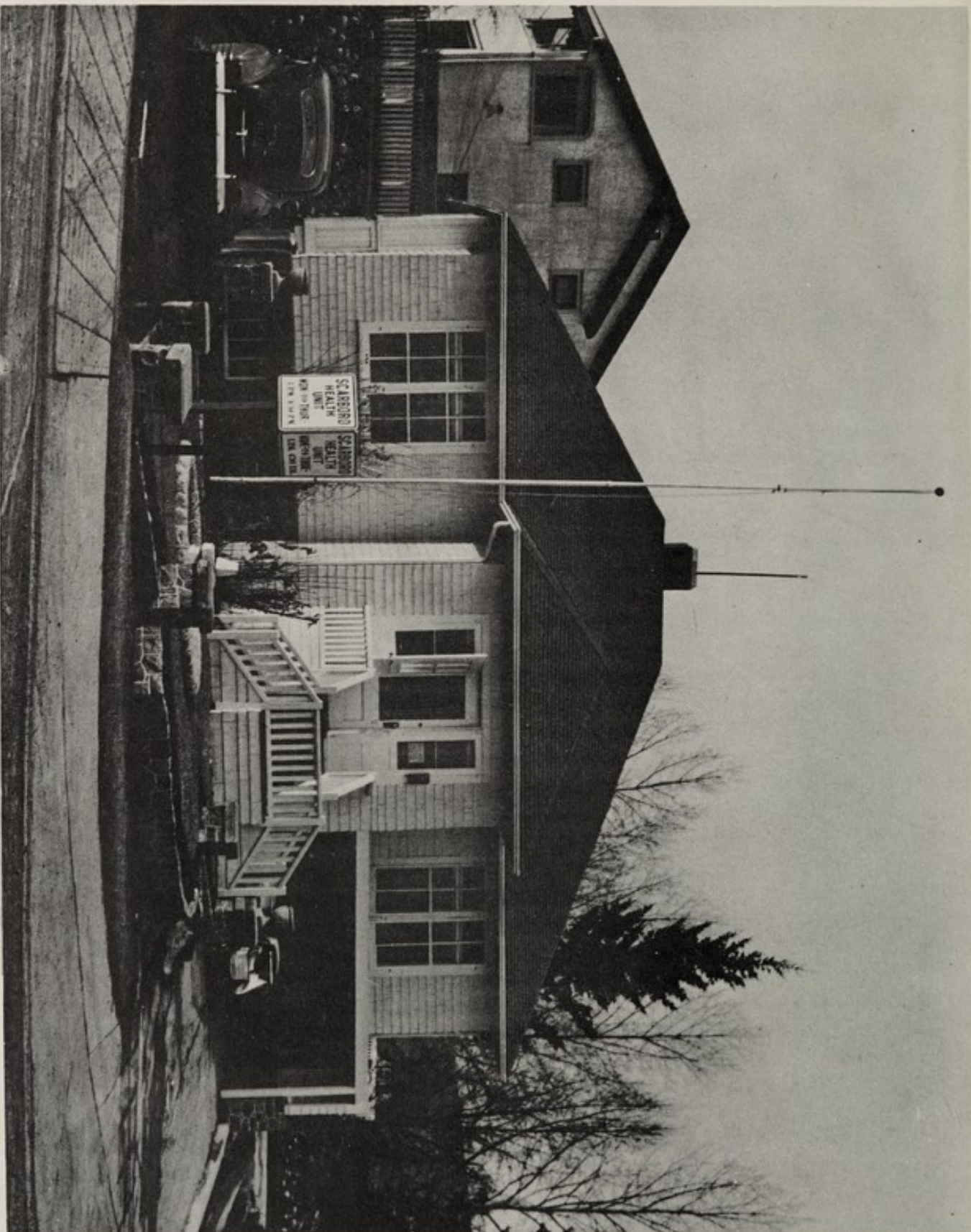




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Scarboro Health Unit which was officially opened in May 1953.

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His Worship the Mayor, Commissioners, and  
Members of the City Council.



Ladies and Gentlemen:

I beg herein to submit the annual report of the activities of the City's Health Department for the year 1953.

The population of the City, as shown by Government census of June 1951, was 129,060 and it is on the basis of these figures that the rates appearing in the several statistical tables are expressed. It will be appreciated that the present population of the City is considerably in excess of the above figure, and therefore certain rates will, and others will not show to the same advantage as would be the case from the use of the population figure as it is at the moment.

There was an increase of 239 in the number of marriages solemnized during 1953 as compared with the figures for 1952. The rate for 1953 was 16.2 per thousand population. 2,092 marriages were solemnized during the year.

The gross number of births registered during the year was 5,799, the figure including as it does births to parents non-resident in the City. The number of births to residents only was 4,531. The birth rates per thousand of population for the year showed at 44.9 (gross) and 35.1 (net). Both in number and rate the 1953 figures constitute an all time high in the history of the City of Calgary. Included in the gross number of births (5,799) are 339 illegitimate, which figures show an increase of 51 over this particular reporting in 1952. There were two sets of illegitimate twins.

The gross number of stillbirths registered throughout the year was 86, and the net number 71, with corresponding rates per thousand of population of 0.66 and 0.55. It will be noted that the figures show a slight decrease when compared with those reported for 1952.

The gross number of deaths registered in the City during the year was 1,531 with a corresponding rate per thousand of population of 11.8. The net or actual City rate was 9.8, the deaths amongst residents only being 1,259. Comparison between the gross number of deaths for 1953 and 1952 shows an increase in respect of 1953 of 136. Of the 1,531 deaths recorded, 662 resulted from diseases of the heart, 261 from cancer, and 78 from violent and accidental causes. Heart disease and cancer accounted for approximately 60% of the gross number of deaths. There was an increase of 16 in the number of deaths from violent and accidental causes, as compared with the reporting for 1952.

The number of infant deaths registered throughout the year was 163 with a corresponding rate of 28.1 per thousand live births. An increase in both number and rate shows in comparison with the figures reported for 1952. Prematurity, congenital debility and injuries at birth, causes that present a problem for which no solution has been found thus far, accounted for 100 of the 163 reported. In both number and therefore rate, infant deaths show an increase when compared with the figures for 1952.





The number of maternal deaths registered during the year was 3, and the rate per thousand live births 0.5. Of the three recorded, two city mothers died of abortion and an undefined puerperal cause respectively.

The total number of communicable diseases reported to this Office during 1953 was 1881 with 95 deaths from causes as listed:

Chicken Pox	1
Influenza	3
Pneumonia	45
Poliomyelitis	40
Septic Sore Throat	2
Tuberculosis	4

For the second consecutive year the City experienced another outbreak of Acute Anterior Poliomyelitis when 271 cases and 40 deaths were reported to this office. The incidence of polio in 1952 was 143 accounting for 25 deaths. As pointed out in last year's report the percentage of deaths in relationship to cases is not beyond expectancy, and is accounted for by the number of cases showing involvement of the higher centres. Gamma Globulin, a passive immunizing measure, was relatively freely used, designed to give fleeting protection to those exposed to the disease, or to modify the attack in the event it unfortunately occurred. There are many difficulties in assessing the efficiency of Gamma Globulin to bring about passive immunity, and it is of considerable interest to learn that a Virus Vaccine has been elaborated, which is to be administered to some 500,000 children in the U.S.A. in the hope that an active immunity can be engendered.

During the year the Scarboro Health Unit at the corner of Scotland Street and 17th Avenue West was officially opened, and has amply justified this forward step on the part of the City's administration. Infant and Pre-School Clinics have been fully established and provide a very much appreciated service to a large section on the west side of the City, from 14th Street West and from the Bow River south to the City limits. The intent of the City is to institute five such units to be located at strategical points throughout the City, in the overall decentralization of Health activities. Scarboro Health Unit is the first of the five to be established.

A very considerable increase in the amount of work undertaken for other departments has been evident throughout the year. The Health Department is indeed glad to be of every assistance in this regard.

Considerable increase in activity has been undertaken in regard to the Department's educational program.

Financial grants in aid of the Department's work received from the Federal and our Provincial Governments are herein gratefully acknowledged.

The Health Department deeply appreciates the constructive help, kindly advice and guidance given throughout the year by the following:

His Worship the Mayor, Commissioners, and Members of the City Council.  
Members of the Calgary Public and Separate School Boards  
Superintendent and Staff of the Baker Memorial Sanatorium  
Superintendent and Staff of the Provincial Mental Hygiene Division



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Alberta and Calgary Tuberculosis Associations  
 Provincial Cancer Clinic  
 Calgary Kinsmen's Club  
 Metropolitan Life Insurance Co.  
 Victorian Order of Nurses  
 Calgary General Hospital & Staff  
 Calgary Medical Society  
 Calgary Dental Society  
 Calgary Daily Press  
 Radio Broadcasting Stations  
 Several Pharmaceutical Firms for liberal supplies of their products.

The Medical Officer of Health again wishes to express his grateful thanks to each and every one of the staff of this Department for their loyalty and co-operation, and for the very excellent manner in which their several duties have been discharged throughout the year.

Reports of the different divisions of the Health Department are an integral part of this report.

Respectfully submitted,

W. H. HILL, M.D., C.M., D.P.H.,  
 Medical Officer of Health,  
 City of Calgary, Alberta.

#### ILLEGITIMATE BIRTHS 1953

Date	City	Out of town	14	15	16	17	18	19	20-24	25-30	31 & over	1st child	2nd & over	Prev Mge.	TOTAL
Jan	12	15			2	3	2	2	8	3	7	24	3	3	27
Feb	21	12		1		2	2	5	12	6	5	24	9	7	33
Mar	15	12			3		3	2	11	4	4	22	5	4	27
Apr	20	10		1	1	3	3	3	15	2	2	26	4	2	30
May	20	10				3	2	2	13	6	4	21	9	5	30
Jun	14	7				1	2	2	7	6	3	17	4	4	21
Jul	27	12			1	5	1	3	16	10	3	32	7	7	39
Aug	12	15			1	1	1	3	11	6	4	20	7	4	27
Sep	17	12					1	6	17	4	1	25	4	1	29
Oct	6	13				1	3	1	9	2	3	16	3	3	19
Nov	11	13			2		4	6	7	4	1	20	4	2	24
Dec	25	8			1	2	5	2	12	7	4	27	6	3	33
TOTALS	200	139		2	11	21	29	37	138	60	41	274	45	45	339

2 sets of twins  
 45 previous marriage

Total births 5,799  
 Illegitimates 339 or 5.85 per cent.





Vital Statistics Tables, in accordance with the form approved by the Canadian Public Health Association, follow.

### VITAL STATISTICS REPORT

Population as shown by government census of 1951 was 129,060

Live Births	5,799	Rate per 1,000 population	44.9
Stillbirths	86	Rate per 1,000 live births	14.9

Included in the above were 1,268 non-resident births and  
15 non-resident stillbirths.

TABLE No. 1

#### LIVE BIRTHS 1949 - 1953

Year	Population	No. including non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
1953	129,060	5,799	44.9	4,531	35.1
1952	129,060	5,096	39.5	4,105	31.8
1951	129,060	4,608	35.7	3,710	28.7
1950	106,000	4,019	37.9	3,094	29.2
1949	106,000	4,080	38.5	3,186	30.1

TABLE No. 2

#### STILLBIRTHS 1949 - 1953

Year	Population	No. including Non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
1953	129,060	86	0.66	71	0.55
1952	129,060	99	0.77	72	0.56
1951	129,060	82	0.64	64	0.5
1950	106,000	67	0.63	48	0.47
1949	106,000	79	0.74	65	0.61

#### MARRIAGES

Number performed in 1953 was 2,092. Rate per 1,000 population 16.2



This Statistical Bulletin, in accordance with the law approved by the President of the Republic, follows.

### THE STATISTICAL BULLETIN

Population is shown by Governmental Department of 1921 and 1922.

Live Births 1921 1922  
Deaths 1921 1922

Included in the above is a 1921 and 1922 statistical abstract and  
it contains all statistics.

### TABLE NO. 1

#### POPULATION 1921-1922

Year	Population	Live Births	Deaths	Population
1921	1,000,000	1,000,000	1,000,000	1,000,000
1922	1,000,000	1,000,000	1,000,000	1,000,000
1921	1,000,000	1,000,000	1,000,000	1,000,000
1922	1,000,000	1,000,000	1,000,000	1,000,000
1921	1,000,000	1,000,000	1,000,000	1,000,000
1922	1,000,000	1,000,000	1,000,000	1,000,000

Year	Population	Live Births	Deaths	Population
1921	1,000,000	1,000,000	1,000,000	1,000,000
1922	1,000,000	1,000,000	1,000,000	1,000,000
1921	1,000,000	1,000,000	1,000,000	1,000,000
1922	1,000,000	1,000,000	1,000,000	1,000,000
1921	1,000,000	1,000,000	1,000,000	1,000,000
1922	1,000,000	1,000,000	1,000,000	1,000,000

### TABLE NO. 2

Further detailed in 1921 and 1922. This was 1,000,000.

DEATHS

From all causes a total of 1,531 deaths were reported, being a rate of 11.8 per thousand population, including 272 deaths of non-residents.

TABLE No. 3MORTALITY RATE (exclusive of stillbirths) 1949-1953

Year	No. deaths including non-residents	Rate per 1,000 population	No. residents only	Rate per 1,000 population
1953	1,531	11.8	1,259	9.8
1952	1,395	10.8	1,118	8.67
1951	1,314	10.2	1,052	8.0
1950	1,308	12.3	1,048	9.9
1949	1,329	12.5	1,035	9.8

TABLE No. 4

CHIEF CAUSES OF DEATHS, 1951, 1952 and 1953  
(total number including non-residents)

Cause of death	Number of deaths			Rate per 100,000		
	1953	1952	1951	1953	1952	1951
Diseases of the heart, arteries, and kidneys, including apoplexy	662	588	561	512.9	455.6	434.7
Cancer -- all forms	261	239	220	202.2	185.2	170.0
Pneumonia	40	39	40	31.0	30.2	31.0
Violent and accidental deaths	78	62	55	60.4	48.1	42.6
Tuberculosis -- all forms	4	8	4	3.1	6.2	3.1
Diabetes	12	15	17	9.3	11.6	13.2
Influenza	3	3	10	2.3	2.3	7.7
Communicable diseases (other than Tuberculosis, Pneumonia and Influenza)	50	25	6	38.7	19.4	4.6
All other causes	421	416	401	326.2	321.6	303.7
Totals	1,531	1,395	1,314			



# DEATHS

From all causes - a total of 1,331 deaths were reported, being a rate of 11.8 per 1,000 population, including 325 deaths of non-residents.

TABLE No. 3

## MORTALITY RATE (exclusive of residents) 1929-1931

Year	No. deaths including non-residents	Rate per 1,000 No. residents	Rate per 1,000 No. residents including non-residents
1929	1,331	11.8	12.39
1930	1,308	10.9	11.18
1931	1,314	10.3	10.72
1932	1,308	11.3	11.08
1933	1,332	12.5	12.38

TABLE No. 4

## CAUSE OF DEATH, 1929, 1930 and 1931 (total number including non-residents)

Cause of death	1929	1930	1931	Rate per 100,000
Diseases of the heart, arteries, and kidneys, including apoplexy	582	580	581	43.7
Cancer - all forms	21	239	230	17.0
Pneumonia	50	39	40	3.0
Violent and accidental deaths	78	62	52	3.8
Tuberculosis - all forms	4	8	4	3.1
Diabetes	12	12	17	1.2
Influenza	3	3	18	1.3
Communicable diseases (other than Tuberculosis, Pneumonia and Influenza)	20	22	2	1.4
All other causes	121	146	101	7.3
Totals	1,331	1,332	1,331	

INFANT MORTALITY

The Infant Mortality Rate for the municipality, including deaths of non-residents, is presented in the following tables for the year 1953 and the preceding four years.

TABLE No. 5DEATHS OF INFANTS IN THE FIRST YEAR OF LIFE 1949-1953

	1953	1952	1951	1950	1949
Number of infant deaths	163	128	126	111	116
Rate per 1,000 live births	23.1	24.9	27.3	27.6	28.4

Number of deaths of non-residents included in the above:  
1953 - 31, 1952 - 29, 1951 - 36, 1950 - 26, and 1949 - 35.

TABLE No. 6INFANT MORTALITY BY CAUSES OF DEATHS 1949-1953

Causes of deaths	1953	1952	1951	1950	1949
1. Diarrhoea and enteritis	4	4	4	1	3
2. Pneumonia and influenza	20	8	12	8	10
3. Prematurity	63	51	55	50	47
4. Congenital debility and malformations	25	43	27	34	15
5. Injuries at birth	12	8	5	8	15
6. Acute communicable diseases (whooping cough, diphtheria, measles, scarlet fever, etc.)	2	--	--	--	--
7. Other causes	37	14	23	10	26

Of the 163 infant deaths registered this year, 61 occurred within the first twenty-four hours, 37 within the first week and 20 died under the age of one month, representing 72.4 per cent of the total.



# TABLE IV

The infant mortality rate for the municipalities including Puerto Rico, is presented in the following table for the years 1957 and the preceding four years.

TABLE IV

INFANT MORTALITY RATE PER 1,000 LIVE BIRTHS

Year	1957	1956	1955	1954	1953	1952
Rate per 1,000 live births	24.1	22.5	22.5	22.5	22.5	22.5

Number of deaths of non-residents included in the above: 1957 - 1, 1956 - 1, 1955 - 1, 1954 - 1, 1953 - 1, 1952 - 1.

TABLE IV

INFANT MORTALITY RATE PER 1,000 LIVE BIRTHS

Year	1957	1956	1955	1954	1953	1952
1. Diphtheria and tetanus	4	1	1	1	1	1
2. Pneumonia and influenza	10	10	10	10	10	10
3. Pertussis	4	4	4	4	4	4
4. Congenital defects and malformations	10	10	10	10	10	10
5. Intestinal diseases	10	10	10	10	10	10
6. Acute communicable diseases (excluding measles, diphtheria, tetanus, scarlet fever, etc.)	10	10	10	10	10	10
7. Other causes	10	10	10	10	10	10

Of the 103 infants who died during this year, 7 were non-residents of the territory. The infant mortality rate for the municipalities including Puerto Rico, is presented in the following table for the years 1957 and the preceding four years.

MATERNAL DEATHS

The number of deaths of mothers from puerperal causes was 3. There was 1 non-resident death. The rate for the municipality is 0.5 per 1,000 live births.

TABLE No. 7MATERNAL MORTALITY, (including non-residents) 1949-1953

Year	Live Births	Number of maternal deaths	Rate per 1,000 live births
1953	5,799	3	0.5
1952	5,096	3	0.59
1951	4,608	2	0.43
1950	4,019	4	1.0
1949	4,080	3	0.7

Number of deaths of non-residents included in above.

1953 - 1, 1952 - 1, 1951 - 1, 1950 - 3, 1949 - 1

TABLE No. 8CAUSES OF MATERNAL DEATHS 1953

Cause of death	Number, including non-residents	Residents Only
Abortions (septic and non-septic)	1	1
Puerperal toxæmias	-	-
Puerperal sepsis	-	-
Other puerperal causes	2	1



TABLE NO. 1

The number of deaths of persons from pneumonia and influenza in the United States, 1910-1919. The rate for the period 1910-1919 is 0.2 per 1,000 live births.

TABLE NO. 1

DEATHS FROM PNEUMONIA AND INFLUENZA IN THE UNITED STATES, 1910-1919

Year	Deaths	Rate per 1,000 live births
1910	1,000	0.2
1911	1,000	0.2
1912	1,000	0.2
1913	1,000	0.2
1914	1,000	0.2
1915	1,000	0.2
1916	1,000	0.2
1917	1,000	0.2
1918	1,000	0.2
1919	1,000	0.2

Source: Bureau of Census, United States Department of Commerce.

1910-1919: 1,000 deaths; 0.2 per 1,000 live births.

TABLE NO. 2

DEATHS FROM PNEUMONIA AND INFLUENZA IN THE UNITED STATES, 1910-1919

Year	Deaths	Rate per 1,000 live births
1910	1,000	0.2
1911	1,000	0.2
1912	1,000	0.2
1913	1,000	0.2
1914	1,000	0.2
1915	1,000	0.2
1916	1,000	0.2
1917	1,000	0.2
1918	1,000	0.2
1919	1,000	0.2

From the following table, the part played by certain diseases is at once evident.

TABLE No. 9

## COMMUNICABLE DISEASES (residents only)

## REPORTED CASES AND DEATHS FROM COMMUNICABLE DISEASES 1953

	Cases		0-4 years		5-14 years		15 & over		Totals	
	M	F	Cases	Dth's	Cases	Dth's	Cases	Dth's	Cases	Dth's
Amoebic Dysentery	1	-	-	-	-	-	1	-	1	-
Cer. Spinal Meningitis	-	-	-	-	-	-	-	-	-	-
*Chickenpox	300	245	134	1	396	-	15	-	545	1
Diphtheria	-	-	-	-	-	-	-	-	-	-
German Measles (Rubella)	117	133	23	-	214	-	13	-	250	-
Influenza	-	-	-	1	-	-	-	2	-	3
Leprosy	1	-	-	-	-	-	1	-	1	-
Measles	203	183	135	-	246	-	5	-	386	-
*Mumps	32	30	8	-	49	-	5	-	62	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-
Pneumonia (all forms)	-	-	-	22	-	1	-	22	-	45
Ant. Poliomyelitis	143	128	50	3	101	5	120	32	271	40
Puerperal Septicaemia	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	162	145	75	-	214	-	18	-	307	-
Septic Sore Throat	-	-	-	1	-	-	-	1	-	2
Smallpox	-	-	-	-	-	-	-	-	-	-
Tuberculosis (all forms)	20	14	-	-	-	-	34	4	34	4
Typhoid Fever	1	-	1	-	-	-	-	-	1	-
Tetanus	-	-	-	-	-	-	-	-	-	-
Undulant Fever	-	-	-	-	-	-	-	-	-	-
Whooping Cough	13	10	13	-	10	-	-	-	23	-
Totals	993	888	439	28	1,230	6	212	61	1,881	95

\* No longer notifiable, according to Provincial Regulations of May 1, 1953.





	Quantity Distributed by Health Department (enough for)	Number of persons given complete treatment by the Health Dept.	Reinforc- ing doses given
Diphtheria Toxoid .....	1,742	192	106
Smallpox Vaccine .....	7,827	2,431	including revaccination
Scarlet Fever Toxin .....	107	3	"
Pertussis Vaccine .....	63	11	119
Combined Pertussis and Diphtheria..	440	16	110
Triple Toxoid .....	3,088	1,999	905
Anti-Measles Serum .....	120	"	"
T. A. B. T. ....	123	15	"
Tetanus Toxoid .....	40	"	"
Typhoid & Paratyphoid Vaccine ....	832	43	"
Cholera .....	"	18	"
Typhus .....	"	14	"

TABLE No. 10

## REPORTED CASES AND DEATHS FROM TUBERCULOSIS 1949-1953

Year	Cases	Number of deaths in City	Number of deaths in Sanatoria	Total deaths	Rate per 100,000 population
1953	34	3	5	8	6.2
1952	62	8	2	10	7.7
1951	144	4	12	16	12.4
1950	39	5	13	18	17.0
1949	55	6	5	11	10.4

TABLE No. 11

REPORTED CASES AND DEATHS FROM SCARLET FEVER,  
DIPHTHERIA, WHOOPING COUGH AND MEASLES, 1951-1953

	Cases			Deaths			Mortality rate per 100,000 population		
	1951	1952	1953	1951	1952	1953	1951	1952	1953
Scarlet Fever	593	539	307	"	"	"	"	"	"
Diphtheria	"	"	"	"	"	"	"	"	"
Whooping Cough	109	195	23	"	"	"	"	"	"
Measles	1,755	389	386	"	"	"	"	"	"

There were no deaths from the above diseases in 1953.



TABLE 1. (continued)  
Results of the analysis of variance for the different groups of subjects. The values are the means and standard deviations of the different groups of subjects. The values are the means and standard deviations of the different groups of subjects.

Group	Mean	Standard Deviation	Mean	Standard Deviation
1	1.2	0.5	1.2	0.5
2	1.5	0.6	1.5	0.6
3	1.8	0.7	1.8	0.7
4	2.1	0.8	2.1	0.8
5	2.4	0.9	2.4	0.9
6	2.7	1.0	2.7	1.0
7	3.0	1.1	3.0	1.1
8	3.3	1.2	3.3	1.2
9	3.6	1.3	3.6	1.3
10	3.9	1.4	3.9	1.4

TABLE 2. (continued)  
Results of the analysis of variance for the different groups of subjects. The values are the means and standard deviations of the different groups of subjects. The values are the means and standard deviations of the different groups of subjects.

Group	Mean	Standard Deviation	Mean	Standard Deviation
11	4.2	1.5	4.2	1.5
12	4.5	1.6	4.5	1.6
13	4.8	1.7	4.8	1.7
14	5.1	1.8	5.1	1.8
15	5.4	1.9	5.4	1.9
16	5.7	2.0	5.7	2.0
17	6.0	2.1	6.0	2.1
18	6.3	2.2	6.3	2.2
19	6.6	2.3	6.6	2.3
20	6.9	2.4	6.9	2.4

TABLE 3. (continued)  
Results of the analysis of variance for the different groups of subjects. The values are the means and standard deviations of the different groups of subjects. The values are the means and standard deviations of the different groups of subjects.

Group	Mean	Standard Deviation	Mean	Standard Deviation
21	7.2	2.5	7.2	2.5
22	7.5	2.6	7.5	2.6
23	7.8	2.7	7.8	2.7
24	8.1	2.8	8.1	2.8
25	8.4	2.9	8.4	2.9
26	8.7	3.0	8.7	3.0
27	9.0	3.1	9.0	3.1
28	9.3	3.2	9.3	3.2
29	9.6	3.3	9.6	3.3
30	9.9	3.4	9.9	3.4

There were no significant differences between the different groups of subjects. The values are the means and standard deviations of the different groups of subjects. The values are the means and standard deviations of the different groups of subjects.

TABLE No. 12

## REPORTED CASES AND DEATHS FROM TYPHOID FEVER 1949-1953

Year	Cases Residents only	Number of deaths including deaths of non-residents	Rate per 100,000 population, includ- ing non-residents
1953	1	"	"
1952	2	"	"
1951	"	"	"
1950	1	"	"
1949	"	"	"

## SERA AND VACCINE DISTRIBUTED FOR USE IN CALGARY 1953

Diphtheria Antitoxin, syringe packages,	20,000 units	10
" " " "	1,000 units	5
Scarlet Fever Antitoxin, " "	9,000 units	77
" " " "	3,000 units	36
Diphtheria Toxoid, packages for one person		566
" " " " six persons		98
Material for the Dick Test		28
Material for the Schick Test		63
Scarlet Fever Toxin, packages for one person		107
Pertussis Vaccine, " " " "		63
Combined Pertussis Vaccine and Diphtheria Toxoid for one person		440
Combined Pertussis Vaccine, Diphtheria Toxoid and Tetanus Toxoid, packages for one person		3,016
Combined Pertussis Vaccine, Diphtheria Toxoid and Tetanus Toxoid, packages for twelve persons		6
Gas Gangrene Antitoxin, vials of 4,000 units		27
" " " " vials of 10,000 units		2
Tetanus Antitoxin, syringe packages of 10,000 units		2
" " " " 1,500 units		305
Staphylococcus Toxoid, packages of 2 cc's		16
Anti-Measles Serum, packages of 5 cc's		120
Tetanus Toxoid, packages for one person		40
T.A.B.T. (Tetanus Toxoid and Typhoid and Paratyphoid Vaccine) 3 cc vials		123
Combined Diphtheria Toxoid and Tetanus Toxoid, packages for one person		36
Smallpox Vaccine, individual capillary tubes		7,827
Typhoid and Paratyphoid Vaccine, packages for one person		52
" " " " 10 cc vials		65

All of the above material supplied free by the Provincial Department of Health, Edmonton, and all are products of the Connaught Laboratories, University of Toronto, Ontario.



REVENUE ACCOUNT AND OTHER FINANCIAL DATA FOR 1922

Amount of Receipts from the sale of the  
Federal Reserve Bank of New York, 1922  
Total Receipts from the sale of the

1922	1
1921	2
1920	3
1919	4
1918	5

REVENUE ACCOUNT AND OTHER FINANCIAL DATA FOR 1922

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	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All of the above material was prepared by the  
Department of Health, Education and Welfare  
The Government Printing Office, Washington, D.C.

## CAUSES OF DEATH BY AGE AND SEX (gross) 1953

	Males	Females	Under 2½ hours	Under one year	1 to 4 years	5 to 19 years	20 to 39 years	40 to 59 years	60 years and over	Totals
1. Infective and Parasitic Diseases	30	15	1	4	2	9	28	5	5	54
2. Neoplasms	161	107	-	1	3	7	1	74	168	268
3. Allergic, Endocrine System, Metabolic and nutritional Diseases	11	9	-	1	-	-	2	3	14	20
4. Diseases of the blood and blood-forming organisms	1	4	-	-	-	-	-	1	4	5
5. Mental, Psychoneurotic, and Personality Disorders	4	3	-	-	-	-	2	2	3	7
6. Diseases of the Nervous System and Sense Organs	39	31	-	2	-	1	4	10	53	70
7. Diseases of the Circulatory System	415	219	1	1	-	2	15	101	515	635
8. Diseases of the Digestive System	46	28	-	3	1	3	7	17	43	74
9. Diseases of the Respiratory System	50	20	-	21	3	1	2	5	38	70
10. Diseases of the Genito-Urinary System	33	11	-	-	-	4	-	4	36	44
11. Diseases and complications of pregnancy, childbirth and puerperium	-	3	-	-	-	-	2	1	-	3
12. Diseases of the Skin and Cellular Tissue	1	1	-	-	-	-	-	-	2	2
13. Diseases of the bones and organs of movement	6	1	-	-	1	-	2	1	3	7
14. Congenital malformations	16	9	3	18	1	-	1	1	1	25
15. Certain diseases of early infancy	53	48	52	49	-	-	-	-	-	101
16. Symptoms, senility, and ill-defined conditions	23	35	2	1	-	1	2	2	50	68
17. Accidents, poisonings and violence	59	19	-	3	3	6	22	17	27	78
TOTALS	968	563	59	104	14	34	104	244	972	1,531
Supplementary classifications for stillbirths.	46	40								86

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41	Medical Literature	41
42	Medical Literature	42
43	Medical Literature	43
44	Medical Literature	44
45	Medical Literature	45
46	Medical Literature	46
47	Medical Literature	47
48	Medical Literature	48
49	Medical Literature	49
50	Medical Literature	50



COMMUNICABLE DISEASES REPORTED 1953

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Amoebic Dysentery	-	-	-	-	-	-	-	-	-	-	-	1	1
Chicken Pox	152	123	147	89	33	1	-	-	-	-	-	-	545
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-
Leprosy	-	-	-	-	1	-	-	-	-	-	-	-	1
Measles	18	12	43	100	95	75	25	7	4	2	2	3	386
Meningitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Mumps	24	20	6	10	-	2	-	-	-	-	-	-	62
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis	1	-	-	-	1	2	16	84	85	41	30	11	271
Rubella (German Measles)	2	5	20	32	54	118	6	1	5	1	3	3	250
Scarlet Fever	59	34	51	24	37	1	3	2	4	9	22	45	307
Smallpox	-	-	-	-	-	-	-	-	-	-	-	-	-
Pul. Tuberculosis	-	1	6	1	8	6	1	3	2	2	2	2	34
Typhoid Fever	-	-	-	-	-	-	-	-	1	-	-	-	1
Undulant Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	3	2	6	-	3	1	-	2	-	1	3	2	23
TOTALS	259	197	279	256	232	222	51	99	101	56	62	67	1,881
FROM OUT OF TOWN													
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	1	1
Poliomyelitis	1	1	-	-	-	1	8	37	46	24	15	7	140
Scarlet Fever	3	2	-	7	2	1	-	-	-	-	-	-	15
TOTALS	4	3	-	7	2	2	8	37	46	24	15	8	156

\* No longer notifiable - Prov. Regulations  
of May 1, 1953.





INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES,  
INJURIES AND CAUSES OF DEATHS

14.

	M	F	City	Out	Totals
002 Pulmonary Tuberculosis	1	1	1	1	2
010 Tuberculosis of meninges and central nervous System	1			1	1
023 Other cardiovascular syphilis	1		1		1
025 General paralysis of insane	1		1		1
028.2 Latent syphilis - unspecified		1	1		1
051 Streptococcal sore throat	2		1	1	2
053.4 Septicaemia and pyaemia - Organism unspecified	2	1	1	2	3
057.3 Meningococcal infections - Other forms of meningococcal infection		1		1	1
080 Acute Poliomyelitis - specified as bulbar or polio-encephalitis	15	5	13	7	20
080.3 Acute Poliomyelitis unspecified	14	5	8	11	19
080.1 Acute Poliomyelitis with other paralysis	1		1		1
087 Chickenpox	1		1		1
092 Infectious hepatitis		1	1		1
140 Malignant neoplasm of lip	1		1		1
141 Malignant neoplasm of tongue	1		1		1
14 Malignant neoplasm of nasopharynx	1		1		1
143 Malignant neoplasm of nasopharynx - unspecified	1	1	1	1	2
150 Malignant neoplasm of oesophagus	2	1	3		3
151 Malignant neoplasm of stomach	27	8	30	5	35
152 Malignant neoplasm of small intestine, including duodenum	2	1	2	1	3
153 Malignant neoplasm of large intestine, except rectum	17	10	21	5	27
154 Malignant neoplasm of rectum		2	8	3	11
155 Malignant neoplasm of biliary passages and liver (stated to be primary site)	1	5			6
156 Malignant neoplasm of liver (secondary and unspecified)	3	2	4	1	5
157 Malignant neoplasm of pancreas	7	5	9	3	12
160 Malignant neoplasm of nose, nasal cavities, middle ear, and accessory sinuses	3	1	4		4
162 Malignant neoplasm of trachea, and of bronchus and lung, specified as primary	9	3	10	2	12
163 Malignant neoplasm of lung	12		11	1	12
164 Malignant neoplasm of mediastinum	1		1		1
170 Malignant neoplasm of breast	1	26	25	2	27
171 Malignant neoplasm of cervix uteri		10	10		10
174 Malignant neoplasm of uterus, unspecified		3	3		3
175 Malignant neoplasm of ovary, Fallopian tube and broad ligament		3	2	1	3
176 Malignant neoplasm of other or unspecified genital female organs		1	1		1
177 Malignant neoplasm of prostate	11		9	2	11
178 Malignant neoplasm of testis	1			1	1
180 Malignant neoplasm of kidney	4	2	4	2	6
181 Malignant neoplasm of bladder and other urinary organs	5	4	8	1	9
190 Malignant neoplasm of skin	1	1	2		2
forward	159	104	207	56	263



# THE UNIVERSITY OF CHICAGO

Total				Total			
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14
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20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21
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23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34
35	35	35	35	35	35	35	35
36	36	36	36	36	36	36	36
37	37	37	37	37	37	37	37
38	38	38	38	38	38	38	38
39	39	39	39	39	39	39	39
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41	41	41	41	41	41	41	41
42	42	42	42	42	42	42	42
43	43	43	43	43	43	43	43
44	44	44	44	44	44	44	44
45	45	45	45	45	45	45	45
46	46	46	46	46	46	46	46
47	47	47	47	47	47	47	47
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52	52	52	52	52	52	52	52
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54	54	54	54	54	54	54	54
55	55	55	55	55	55	55	55
56	56	56	56	56	56	56	56
57	57	57	57	57	57	57	57
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62	62	62	62	62	62	62	62
63	63	63	63	63	63	63	63
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65	65	65	65	65	65	65	65
66	66	66	66	66	66	66	66
67	67	67	67	67	67	67	67
68	68	68	68	68	68	68	68
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71	71	71	71	71	71	71	71
72	72	72	72	72	72	72	72
73	73	73	73	73	73	73	73
74	74	74	74	74	74	74	74
75	75	75	75	75	75	75	75
76	76	76	76	76	76	76	76
77	77	77	77	77	77	77	77
78	78	78	78	78	78	78	78
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80	80	80	80	80	80	80	80
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85	85	85	85	85	85	85	85
86	86	86	86	86	86	86	86
87	87	87	87	87	87	87	87
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90	90	90	90	90	90	90	90
91	91	91	91	91	91	91	91
92	92	92	92	92	92	92	92
93	93	93	93	93	93	93	93
94	94	94	94	94	94	94	94
95	95	95	95	95	95	95	95
96	96	96	96	96	96	96	96
97	97	97	97	97	97	97	97
98	98	98	98	98	98	98	98
99	99	99	99	99	99	99	99
100	100	100	100	100	100	100	100

	H	F	City	Out	Totals
	159	104	287	56	263
191 Other malignant neoplasm of skin	2		2		2
193 Malignant neoplasm of brain and other parts of nervous system	5		4	1	5
195 Malignant neoplasm of other endocrine glands	1		1		1
196 Malignant neoplasm of bone (including jaw bone)	4	2	6		6
197 Malignant neoplasm of connective tissue	1		1		1
199 Malignant neoplasm of other and unspecified ite	9	3	11	1	12
200.1 Lymphosarcoma and reticulosarcoma -- Lymphosarcoma	3		2	1	3
200.2 Lymphosarcoma and reticulosarcoma -- other primary malignant neoplasm of lymphoid tissue	1		1		1
201 Hodgkin's disease	4		2	2	4
204 Leukemia and aleukemia -- Lymphatic leukemia	4	4	5	3	8
204.1 Leukemia and aleukemia -- Myeloid leukemia	1	2	2	1	3
204.2 Leukemia and aleukemia -- Monocytic leukemia		1	1		1
204.4 Leukemia and aleukemia -- Other and unspecified leukemia	3	1	3	1	4
204.3 Leukemia and aleukemia -- Acute leukemia unspecified type	1			1	1
214 Uterine fibromyoma		1		1	1
215 Other benign neoplasm of uterus		1	1		1
223 Benign neoplasm of brain and other parts of nervous system	2	3	4	1	5
241 Asthma	3	2	4	1	5
240 Diabetes mellitus	8	4	3	4	12
272 Diseases of pituitary gland		2		2	2
274 Diseases of adrenal gland		1	1		1
290 Pernicious anaemia	1	3	3	1	4
292.4 Aplastic anaemia		1		1	1
304 Senile psychosis	2		2		2
311 Hysterical reaction without mention of anxiety reaction		1	1		1
322 Alcoholism -- 322.0 Acute	1			1	1
322.1 Alcoholism -- Chronic	1	2	3		3
330 Subarachnoid hemorrhage	1		1		1
331 Cerebral hemorrhage	13	9	19	3	22
332 Cerebral embolism and thrombosis	5	3	8		8
334 Other and ill defined vascular lesions affecting central nervous system	10	12	20	2	22
340.2 Meningitis -- due to other unspecified organisms	1		1		1
340.3 Meningitis -- unspecified cause	1		1		1
343 Encephalitis, myelitis and encephalomyelitis (except acute infections)		1	1		1
345 Multiple sclerosis		2	2		2
350 Paralysis agitans	2	1	1	2	3
351 Cerebral spastic infantile paralysis		1	1		1
352 Other cerebral paralysis		1		1	1
353.3 Epilepsy -- Other and unspecified	1	1	2		2
355 Other diseases of brain	2		2		2
356 Motor neurone disease and muscular atrophy -- progressive muscular atrophy	2		2		2
383.2 Mastoiditis without mention of otitis media -- unspecified	1		1		1
forward	255	169	337	87	424





	M	F	City	Out	Totals
	255	169	337	87	424
400 Rheumatic fever without mention of heart involvement	2		1	1	2
401.1 Rheumatic fever with heart involvement -- Active rheumatic endocarditis		1	1		1
401.3 Rheumatic Fever with heart involvement -- active rheumatic fever with other and multiple types of heart involvement	3	1	3	1	4
410 Diseases of mitral valve	2	4	5	1	6
411 Diseases of aortic valve specified as rheumatic	1		1		1
416 Other heart disease specified as rheumatic	5	4	7	2	9
420 Arteriosclerotic heart disease, so described	23	18	37	4	41
420.1 Heart disease specified as involving coronary arteries	172	50	198	24	222
420.2 Angina pectoris without mention of coronary disease		1		1	1
421 Chronic endocarditis not specified as rheumatic -- of mitral valve, specified as non-rheumatic	1	3	4		4
421.1 Chronic endocarditis not specified as rheumatic -- of aortic valve	2		2		2
421.4 Chronic endocarditis -- Other and ill defined not specified as rheumatic	1	3	2	1	3
422.1 Other myocardial degeneration -- with arteriosclerosis	8	5	13		13
422.2 Other myocardial degeneration -- Other	22	20	40	2	42
430 Acute and subacute endocarditis -- acute and subacute bacterial endocarditis	2	1	3		3
431 Acute myocarditis not specified as rheumatic	1		1		1
432 Acute pericarditis specified as non-rheumatic	1		1		1
433.1 Functional disease of heart -- other disorders of heart rhythm	2	1	3		3
434.1 Other and unspecified diseases of heart -- Congestive heart failure	11	5	11	5	16
434.3 Other and unspecified diseases of heart -- other and unspecified diseases of heart	2	2	4		4
434.2 Other and unspecified diseases of heart -- Left ventricular failure	2		2		2
440 Essential benign hypertension with heart disease	9	7	11	5	16
442 Hypertensive heart disease with arteriolar nephrosclerosis	10	5	13	2	15
443 Other and unspecified hypertensive heart disease	1	2	3		3
444 Essential benign hypertension without mention of heart	22	25	41	6	47
445 Essential malignant hypertension without mention of heart	1	1	2		2
450 General arteriosclerosis -- without mention of gangrene	99	56	132	23	155
451 Aortic aneurysm specified as nonsyphilitic and dissecting aneurysm	2	1	3		3
452 Other aneurysm, except of heart and aorta	2		2		2
454 Arterial embolism and thrombosis		1	1		1
forward.	664	385	884	165	1,049





	M	F	City	Out	Totals
	664	385	884	165	1,049
455 Gangrene of unspecified cause	1			1	1
456 Other diseases of arteries	2		2		2
463 Phlebitis and thrombophlebitis of lower extremities	1			1	1
464 Phlebitis and thrombophlebitis of other sites	2		1	1	2
465 Pulmonary embolism and infarction	1	2	2	1	3
466 Other venous embolism and thrombosis		1	1		1
472.1 Acute pharyngitis - Other	1			1	1
474 Acute laryngitis and trachetis		1	1		1
480 Influenza with pneumonia	2		1	1	2
482 Influenza with digestive manifestations but without respiratory symptoms	1		1		1
490 Lobar Pneumonia	8	2	7	3	10
491 Bronchopneumonia	15	8	19	4	23
492 Primary atypical pneumonia		5	3	2	5
493 Pneumonia, other and unspecified	1	1	2		2
501 Bronchitis, unqualified	2		2		2
502 Chronic Bronchitis - Bronchitis with emphysema	1			1	1
502.1 Chronic Bronchitis - Other	4		4		4
517 Other diseases of upper respiratory tract	1		1		1
518 Emphysema	1			1	1
521 Abscess of lung	2	2	3	1	4
525 Other chronic interstitial pneumonia	2		2		2
526 Bronchiectasis	5		4	1	5
527.1 Other diseases of lung and pleural cavity - Emphysema without mention of bronchitis	2		2		2
527.2 Other diseases of lung and pleural cavity - Other	2	1	3		3
537 Diseases of salivary glands	1		1		1
540 Ulcer of stomach - without mention of perforation	3	3	6		6
540.1 Ulcer of stomach with perforation	2	1	3		3
541 Ulcer of duodenum - without mention of perforation	6	2	5	3	8
541.1 Ulcer of duodenum with perforation	1		1		1
550.1 Acute appendicitis with peritonitis	1	3	4		4
560.3 Hernia of abdominal cavity with mention of obstruction - Ventral (incision)		1	1		1
561 Hernia of abdominal cavity with obstruction - Inguinal	2		2		2
561.1 Hernia of abdominal cavity with obstruction - Femoral		1		1	1
561.2 Hernia of abdominal cavity with obstruction - Umbilical		1	1		1
570.3 Intestinal obstruction, without mention of hernia - Volvulus	1	1	1	1	2
570.5 Intestinal obstruction, without mention of hernia - Other	6	1	6	1	7
571 Gastric-enteritis and colitis, except ulcerative, 4 weeks and over, between 4 weeks and 2 yrs.	1	1	2		2
571.1 Gastric-enteritis and colitis, except ulcerative, 2 years and over		1	1		1
forward	745	424	979	190	1,169



1941		1942		1943		1944		1945		1946		1947		1948		1949		1950		1951		1952		1953		1954		1955		1956		1957		1958		1959		1960		1961		1962		1963		1964		1965		1966		1967		1968		1969		1970		1971		1972		1973		1974		1975		1976		1977		1978		1979		1980		1981		1982		1983		1984		1985		1986		1987		1988		1989		1990		1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		2035		2036		2037		2038		2039		2040		2041		2042		2043		2044		2045		2046		2047		2048		2049		2050		2051		2052		2053		2054		2055		2056		2057		2058		2059		2060		2061		2062		2063		2064		2065		2066		2067		2068		2069		2070		2071		2072		2073		2074		2075		2076		2077		2078		2079		2080		2081		2082		2083		2084		2085		2086		2087		2088		2089		2090		2091		2092		2093		2094		2095		2096		2097		2098		2099		2100		2101		2102		2103		2104		2105		2106		2107		2108		2109		2110		2111		2112		2113		2114		2115		2116		2117		2118		2119		2120		2121		2122		2123		2124		2125		2126		2127		2128		2129		2130		2131		2132		2133		2134		2135		2136		2137		2138		2139		2140		2141		2142		2143		2144		2145		2146		2147		2148		2149		2150		2151		2152		2153		2154		2155		2156		2157		2158		2159		2160		2161		2162		2163		2164		2165		2166		2167		2168		2169		2170		2171		2172		2173		2174		2175		2176		2177		2178		2179		2180		2181		2182		2183		2184		2185		2186		2187		2188		2189		2190		2191		2192		2193		2194		2195		2196		2197		2198		2199		2200		2201		2202		2203		2204		2205		2206		2207		2208		2209		2210		2211		2212		2213		2214		2215		2216		2217		2218		2219		2220		2221		2222		2223		2224		2225		2226		2227		2228		2229		2230		2231		2232		2233		2234		2235		2236		2237		2238		2239		2240		2241		2242		2243		2244		2245		2246		2247		2248		2249		2250		2251		2252		2253		2254		2255		2256		2257		2258		2259		2260		2261		2262		2263		2264		2265		2266		2267		2268		2269		2270		2271		2272		2273		2274		2275		2276		2277		2278		2279		2280		2281		2282		2283		2284		2285		2286		2287		2288		2289		2290		2291		2292		2293		2294		2295		2296		2297		2298		2299		2300		2301		2302		2303		2304		2305		2306		2307		2308		2309		2310		2311		2312		2313		2314		2315		2316		2317		2318		2319		2320		2321		2322		2323		2324		2325		2326		2327		2328		2329		2330		2331		2332		2333		2334		2335		2336		2337		2338		2339		2340		2341		2342		2343		2344		2345		2346		2347		2348		2349		2350		2351		2352		2353		2354		2355		2356		2357		2358		2359		2360		2361		2362		2363		2364		2365		2366		2367		2368		2369		2370		2371		2372		2373		2374		2375		2376		2377		2378		2379		2380		2381		2382		2383		2384		2385		2386		2387		2388		2389		2390		2391		2392		2393		2394		2395		2396		2397		2398		2399		2400		2401		2402		2403		2404		2405		2406		2407		2408		2409		2410		2411		2412		2413		2414		2415		2416		2417		2418		2419		2420		2421		2422		2423		2424		2425		2426		2427		2428		2429		2430		2431		2432		2433		2434		2435		2436		2437		2438		2439		2440		2441		2442		2443		2444		2445		2446		2447		2448		2449		2450		2451		2452		2453		2454		2455		2456		2457		2458		2459		2460		2461		2462		2463		2464		2465		2466		2467		2468		2469		2470		2471		2472		2473		2474		2475		2476		2477		2478		2479		2480		2481		2482		2483		2484		2485		2486		2487		2488		2489		2490		2491		2492		2493		2494		2495		2496		2497		2498		2499		2500		2501		2502		2503		2504		2505		2506		2507		2508		2509		2510		2511		2512		2513		2514		2515		2516		2517		2518		2519		2520		2521		2522		2523		2524		2525		2526		2527		2528		2529		2530		2531		2532		2533		2534		2535		2536		2537		2538		2539		2540		2541		2542		2543		2544		2545		2546		2547		2548		2549		2550		2551		2552		2553		2554		2555		2556		2557		2558		2559		2560		2561		2562		2563		2564		2565		2566		2567		2568		2569		2570		2571		2572		2573		2574		2575		2576		2577		2578		2579		2580		2581		2582		2583		2584		2585		2586		2587		2588		2589		2590		2591		2592		2593		2594		2595		2596		2597		2598		2599		2600		2601		2602		2603		2604		2605		2606		2607		2608		2609		2610		2611		2612		2613		2614		2615		2616		2617		2618		2619		2620		2621		2622		2623		2624		2625		2626		2627		2628		2629		2630		2631		2632		2633		2634		2635		2636		2637		2638		2639		2640		2641		2642		2643		2644		2645		2646		2647		2648		2649		2650		2651		2652		2653		2654		2655		2656		2657		2658		2659		2660		2661		2662		2663		2664		2665		2666		2667		2668		2669		2670		2671		2672		2673		2674		2675		2676		2677		2678		2679		2680		2681		2682		2683		2684		2685		2686		2687		2688		2689		2690		2691		2692		2693		2694		2695		2696		2697		2698		2699		2700		2701		2702		2703		2704		2705		2706		2707		2708		2709		2710		2711		2712		2713		2714		2715		2716		2717		2718		2719		2720		2721		2722		2723		2724		2725		2726		2727		2728		2729		2730		2731		2732		2733		2734		2735		2736		2737		2738		2739		2740		2741		2742		2743		2744		2745		2746		2747		2748		2749		2750		2751		2752		2753		2754		2755		2756		2757		2758		2759		2760		2761		2762		2763		2764		2765		2766		2767		2768		2769		2770		2771		2772		2773		27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	M	F	City	Out	Totals
	745	424	979	190	1,169
572.1 Chronic enteritis and ulcerative colitis - Diverticulitis	1		1		1
572.3 Chronic enteritis and ulcerative colitis - Other	1		1		1
578 Other diseases of intestines and peritoneum		4	4		4
580 Acute and subacute yellow atrophy of liver	2		2		2
581 Cirrhosis of liver - without mention of alcoholism	8	4	8	4	12
581.1 Cirrhosis of liver with alcoholism	1	1	2		2
584 Cholelithiasis	2	2	1	3	4
585 Cholelithiasis without mention of calculi	2	1	3		3
586 Other diseases of gallbladder and biliary ducts	2		2		2
587 Diseases of pancreas - Acute pancreatitis	1		1		1
587.1 Diseases of pancreas - Chronic pancreatitis	1			1	1
587.2 Diseases of pancreas - Other diseases of pancreas	1		1		1
590 Acute nephritis	3	1	4		4
591 Nephritis with odema, including nephrosis		1	1		1
592 Chronic nephritis	11	6	15	2	17
593 Nephritis, not specified as acute or chronic	2	1	2	1	3
600 Infection of kidney - pyelitis, pyelocystitis and pyelonephritis	4	2	6		6
602 Calculi of kidney and ureter	1		1		1
605 Cystitis	1			1	1
610 Hyperplasia of prostate	11		8	3	11
650 Abortion without mention of sepsis or toxæmia, Spontaneous or unspecified		1	1		1
670 Delivery complicated by placenta prævia or antepartum hæmorrhage		1		1	1
688.2 Sudden death from unknown cause in puerperium		1	1		1
704.1 Pemphigus - other	1	1	1	1	2
722 Rheumatoid arthritis and allied conditions - Rheumatoid arthritis	2		2		2
723 Osteo-arthritis and allied conditions - Osteo-arthritis (arthroses)		1	1		1
727 Rheumatism unspecified	2		2		2
738 Other diseases of joint	1			1	1
748 Clubfoot	1			1	1
751 Spina bifida and meningocele	3	1	1	3	4
752 Congenital hydrocephalus	2		2		2
754.4 Congenital malformations of circulatory system - Other and unspecified malformation of heart	5	4	7	2	9
754.6 Congenital malformations of circulatory system, other circulatory malformations	1		1		1
756.2 Congenital malformations of digestive system, other	2	2	1	3	4
757.1 Congenital malformations of genito urinary System - Polycystic disease of kidney	1		1		1
forward	821	459	1,063	217	1,280





	M	F	City	Out	Totals
	821	459	1,063	217	1,280
759.2 Other and unspecified congenital malformations not elsewhere classified - Of muscle	1	1	2		2
759.3 Other and unspecified congenital malformations not elsewhere classified - other and unspecified	1	1	2		2
760 Intercranial and spinal injury at birth - without mention of immaturity	4	3	7		7
761 Other birth injury - Without mention of immaturity	2	3	4	1	5
762 Postnatal asphyxia and atelectasis - without mention of immaturity	5	3	6	2	8
762.2 Postnatal asphyxia and atelectasis - with immaturity	1		1		1
763 Pneumonia of newborn - without mention of immaturity	2	3	4	1	5
764.5 Diarrhoea of newborn with immaturity		1	1		1
767.5 Umbilical sepsis - with immaturity	1		1		1
768 Other sepsis of newborn - without mention of immaturity		1	1		1
769.1 Neonatal disorders arising from maternal toxæmia - Attributed to diabetes maternal - without mention of immaturity	2		2		2
769.9 Neonatal disorders arising from maternal toxæmia - Attributed to others and unspecified maternal toxæmia with immaturity	1		1		1
770 Haemolytic disease of newborn - Erythroblastosis without mention of nervous affection or immaturity		3	2	1	3
770.1 Haemolytic disease of newborn - Kernicterus without mention of immaturity		1		1	1
771 Hemorrhagic disease of newborn - without mention of immaturity	1		1		1
773 Ill-defined diseases peculiar to early infancy, without mention of immaturity	1	1	2		2
774 Immaturity with mention of any subsidiary condition / other	24	20	39	5	44
776 Immaturity, unqualified	9	9	16	2	18
782.4 Symptoms referable to cardiovascular and lymphatic acute heart failure, undefined	1	4	4	1	5
794 Senility without mention of psychosis	27	26	34	19	53
795.5 Ill-defined and unknown causes of morbidity and other unknown and unspecified causes	5	5	8	2	10
E802 Railway accidents involving other or unspecified person	2		2		2
E812 Motor vehicle traffic accident to pedestrian	12	2	12	2	14
E813 Motor vehicle traffic accident to pedal cyclist	1			1	1
E816 Other motor vehicle traffic accident involving two or more motor vehicles	5	3	4	4	8
E819 Motor vehicle traffic accident involving collision with fixed or unspecified object	1		1		1
forward	930	549	1,220	259	1,479

1970-1971				1971-1972				1972-1973				1973-1974				1974-1975				1975-1976				1976-1977				1977-1978				1978-1979				1979-1980				1980-1981				1981-1982				1982-1983				1983-1984				1984-1985				1985-1986				1986-1987				1987-1988				1988-1989				1989-1990				1990-1991				1991-1992				1992-1993				1993-1994				1994-1995				1995-1996				1996-1997				1997-1998				1998-1999				1999-2000				2000-2001				2001-2002				2002-2003				2003-2004				2004-2005				2005-2006				2006-2007				2007-2008				2008-2009				2009-2010				2010-2011				2011-2012				2012-2013				2013-2014				2014-2015				2015-2016				2016-2017				2017-2018				2018-2019				2019-2020				2020-2021				2021-2022				2022-2023				2023-2024				2024-2025				2025-2026				2026-2027				2027-2028				2028-2029				2029-2030				2030-2031				2031-2032				2032-2033				2033-2034				2034-2035				2035-2036				2036-2037				2037-2038				2038-2039				2039-2040				2040-2041				2041-2042				2042-2043				2043-2044				2044-2045				2045-2046				2046-2047				2047-2048				2048-2049				2049-2050				2050-2051				2051-2052				2052-2053				2053-2054				2054-2055				2055-2056				2056-2057				2057-2058				2058-2059				2059-2060				2060-2061				2061-2062				2062-2063				2063-2064				2064-2065				2065-2066				2066-2067				2067-2068				2068-2069				2069-2070				2070-2071				2071-2072				2072-2073				2073-2074				2074-2075				2075-2076				2076-2077				2077-2078				2078-2079				2079-2080				2080-2081				2081-2082				2082-2083				2083-2084				2084-2085				2085-2086				2086-2087				2087-2088				2088-2089				2089-2090				2090-2091				2091-2092				2092-2093				2093-2094				2094-2095				2095-2096				2096-2097				2097-2098				2098-2099				2099-2100				2100-2101				2101-2102				2102-2103				2103-2104				2104-2105				2105-2106				2106-2107				2107-2108				2108-2109				2109-2110				2110-2111				2111-2112				2112-2113				2113-2114				2114-2115				2115-2116				2116-2117				2117-2118				2118-2119				2119-2120				2120-2121				2121-2122				2122-2123				2123-2124				2124-2125				2125-2126				2126-2127				2127-2128				2128-2129				2129-2130				2130-2131				2131-2132				2132-2133				2133-2134				2134-2135				2135-2136				2136-2137				2137-2138				2138-2139				2139-2140				2140-2141				2141-2142				2142-2143				2143-2144				2144-2145				2145-2146				2146-2147				2147-2148				2148-2149				2149-2150				2150-2151				2151-2152				2152-2153				2153-2154				2154-2155				2155-2156				2156-2157				2157-2158				2158-2159				2159-2160				2160-2161				2161-2162				2162-2163				2163-2164				2164-2165				2165-2166				2166-2167				2167-2168				2168-2169				2169-2170				2170-2171				2171-2172				2172-2173				2173-2174				2174-2175				2175-2176				2176-2177				2177-2178				2178-2179				2179-2180				2180-2181				2181-2182				2182-2183				2183-2184				2184-2185				2185-2186				2186-2187				2187-2188				2188-2189				2189-2190				2190-2191				2191-2192				2192-2193				2193-2194				2194-2195				2195-2196				2196-2197				2197-2198				2198-2199				2199-2200				2200-2201				2201-2202				2202-2203				2203-2204				2204-2205				2205-2206				2206-2207				2207-2208				2208-2209				2209-2210				2210-2211				2211-2212				2212-2213				2213-2214				2214-2215				2215-2216				2216-2217				2217-2218				2218-2219				2219-2220				2220-2221				2221-2222				2222-2223				2223-2224				2224-2225				2225-2226				2226-2227				2227-2228				2228-2229				2229-2230				2230-2231				2231-2232				2232-2233				2233-2234				2234-2235				2235-2236				2236-2237				2237-2238				2238-2239				2239-2240				2240-2241				2241-2242				2242-2243				2243-2244				2244-2245				2245-2246				2246-2247				2247-2248				2248-2249				2249-2250				2250-2251				2251-2252				2252-2253				2253-2254				2254-2255				2255-2256				2256-2257				2257-2258				2258-2259				2259-2260				2260-2261				2261-2262				2262-2263				2263-2264				2264-2265				2265-2266				2266-2267				2267-2268				2268-2269				2269-2270				2270-2271				2271-2272				2272-2273				2273-2274				2274-2275				2275-2276				2276-2277				2277-2278				2278-2279				2279-2280				2280-2281				2281-2282				2282-2283				2283-2284				2284-2285				2285-2286				2286-2287				2287-2288				2288-2289				2289-2290				2290-2291				2291-2292				2292-2293				2293-2294				2294-2295				2295-2296				2296-2297				2297-2298				2298-2299				2299-2300				2300-2301				2301-2302				2302-2303				2303-2304				2304-2305				2305-2306				2306-2307				2307-2308				2308-2309				2309-2310				2310-2311				2311-2312				2312-2313				2313-2314				2314-2315				2315-2316				2316-2317				2317-2318				2318-2319				2319-2320				2320-2321				2321-2322				2322-2323				2323-2324				2324-2325				2325-2326				2326-2327				2327-2328				2328-2329				2329-2330				2330-2331				2331-2332				2332-2333				2333-2334				2334-2335				2335-2336				2336-2337				2337-2338				2338-2339				2339-2340				2340-2341				2341-2342				2342-2343				2343-2344				2344-2345				2345-2346				2346-2347				2347-2348				2348-2349				2349-2350				2350-2351				2351-2352				2352-2353				2353-2354				2354-235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	M	F	City	Out	Totals
	930	549	1,220	259	1,479
E.824 Other non-collision motor vehicle traffic accident	1			1	1
E844 Accident to pedestrian caused by other nonmotor road vehicle	1		1		1
E890 Accidental poisoning by utility (illuminating) gas	2	1	2	1	3
E891 Accidental poisoning by motor vehicle exhaust gas	1		1		1
E892 Accidental poisoning by other carbon monoxide gas	1	1		2	2
E900 Accidental falls -- Fall on stairs	3		3		3
E902 Other falls from one level to another	3	2	5		5
E903 Fall on same level	3		3		3
E904 Unspecified falls		1	1		1
E910 Blow from falling object	1		1		1
E911 Accident caused by vehicle	1		1		1
E912 Accident caused by machinery	1		1		1
E916 Accident caused by fire and explosion of combustible material	3	2	4	1	5
E919 Accident caused by firearm	2		1	1	2
E921 Inhalation and ingestion of food causing obstruction or suffocation	1	2	3		3
E922 Inhalation and ingestion of other object causing obstruction or suffocation		1		1	1
E923 Foreign body entering other orifice		1		1	1
E932 Excessive cold	1		1		1
E936 Other and unspecified accidents	1		1		1
E951 Therapeutic misadventure in infusion or transfusion	1		1		1
E954 Therapeutic misadventure in anaesthesia	1	1	1	1	2
E957 Late complications of amputation stump	1		1		1
E973 Suicide and self-inflicted poisoning by other gases	1			1	1
E975 Suicide and self-inflicted injury by submersion (drowning)	2		1	1	2
E976 Suicide and self-inflicted injury by firearms and explosives	3		2	1	3
E978 Suicide and self-inflicted injury by jumping from high place	1			1	1
E980 Homicide and injury purposely inflicted by other persons (not war) Non-accidental poisoning by another person		1	1		1
E981 Assault by firearms and explosives	1		1		1
E982 Assault by cutting and piercing instruments	1		1		1
E983 Assault by other means		1	1		1
Total	968	563	1,259	272	1,531





W.H. HILL, Esq., M.D., C.M., D.P.H.,  
Medical Officer of Health,  
Calgary, Alberta.

Dear Sir:

The following is a report of the work accomplished by the Sanitary Division of the Health Department for the year 1953 and is submitted for your information and approval.

### GENERAL SANITARY INSPECTION

The duties of the several Inspectors were effectively discharged throughout the year. Due to the increase in population, as well as the development of new business and residential areas it was found to be difficult for the Inspectors to cover their districts as frequently as is necessary for good sanitary supervision. It is anticipated that this situation will be rectified during 1954. Considerable educational work was done during the year and a steady improvement in the general sanitation of the city is apparent. The major portion of the city was sprayed for the control of flies during the months of August and September. In spite of the lateness in getting started it is felt that the Fly Control Program was quite effective.

The following table is a detailed report of the inspectional work.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Inspections made	1454	1577	1592	1429	1556	1374	2815	1282	1554	1608	1571	1757	19569
Notices issued - written	15	21	16	18	10	18	24	42	71	26	73	21	355
Notices issued - verbal	300	433	463	343	371	280	696	317	393	448	318	284	4646
Complaints received	51	52	58	57	79	84	86	111	113	66	54	30	846
Complaints justified	41	40	46	46	59	67	73	89	95	63	43	27	689
Prosecutions	..	1	..	..	..	..	..	..	..	1	..	..	2
Bacteria Test of utensils	48	..	48	..	48	..	..	..	..	..	..	..	144
Totals	1914	2124	2093	1893	2123	1823	3694	1841	2226	2212	2059	2119	26251

### QUARANTINE

This Inspector has taken care of all calls regarding Infectious Diseases and in addition has exercised sanitary supervision over the outlying areas of East Calgary.

W. H. WILK, M.D., F.R.C.P.  
Medical Officer of Health,  
Calgary, Alberta.

Dear Sir:

The following is a report of the work accomplished by the Sanitary  
Division of the Health Department for the year 1925 and is submitted for  
your information and approval.

REPORT OF THE SANITARY DIVISION

The duties of the Sanitary Division were effectively discharged  
throughout the year. Due to the increase in population, as well as the  
development of new business and residential areas it was found to be  
essential for the Department to cover their district as thoroughly as in previous  
years. It is anticipated that this effort will be  
maintained during 1926. Considerable attention was given during the  
year to a steady improvement in the general sanitation of the city.  
The major portion of the city was covered for the control of flies  
during the months of August and September. In spite of the fact that the  
attempts to keep the fly control program was quite effective.

The following table is a detailed record of the Sanitary work:

Sanitary Work - 1925									
Total									
1. Inspection of premises									
2. Disinfection of premises									
3. Issuance of orders									
4. Enforcement of regulations									
5. Issuance of permits									
6. Issuance of licenses									
7. Issuance of certificates									
8. Issuance of permits to trade									
9. Issuance of permits to sell									
10. Issuance of permits to use									
11. Issuance of permits to occupy									
12. Issuance of permits to erect									
13. Issuance of permits to alter									
14. Issuance of permits to demolish									
15. Issuance of permits to remove									
16. Issuance of permits to transport									
17. Issuance of permits to use vehicles									
18. Issuance of permits to use animals									
19. Issuance of permits to use premises									
20. Issuance of permits to use equipment									
21. Issuance of permits to use materials									
22. Issuance of permits to use labor									
23. Issuance of permits to use services									
24. Issuance of permits to use facilities									
25. Issuance of permits to use resources									
26. Issuance of permits to use information									
27. Issuance of permits to use knowledge									
28. Issuance of permits to use skills									
29. Issuance of permits to use tools									
30. Issuance of permits to use equipment									
31. Issuance of permits to use materials									
32. Issuance of permits to use labor									
33. Issuance of permits to use services									
34. Issuance of permits to use facilities									
35. Issuance of permits to use resources									
36. Issuance of permits to use information									
37. Issuance of permits to use knowledge									
38. Issuance of permits to use skills									
39. Issuance of permits to use tools									
40. Issuance of permits to use equipment									
41. Issuance of permits to use materials									
42. Issuance of permits to use labor									
43. Issuance of permits to use services									
44. Issuance of permits to use facilities									
45. Issuance of permits to use resources									
46. Issuance of permits to use information									
47. Issuance of permits to use knowledge									
48. Issuance of permits to use skills									
49. Issuance of permits to use tools									
50. Issuance of permits to use equipment									
51. Issuance of permits to use materials									
52. Issuance of permits to use labor									
53. Issuance of permits to use services									
54. Issuance of permits to use facilities									
55. Issuance of permits to use resources									
56. Issuance of permits to use information									
57. Issuance of permits to use knowledge									
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62. Issuance of permits to use labor									
63. Issuance of permits to use services									
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73. Issuance of permits to use services									
74. Issuance of permits to use facilities									
75. Issuance of permits to use resources									
76. Issuance of permits to use information									
77. Issuance of permits to use knowledge									
78. Issuance of permits to use skills									
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80. Issuance of permits to use equipment									
81. Issuance of permits to use materials									
82. Issuance of permits to use labor									
83. Issuance of permits to use services									
84. Issuance of permits to use facilities									
85. Issuance of permits to use resources									
86. Issuance of permits to use information									
87. Issuance of permits to use knowledge									
88. Issuance of permits to use skills									
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90. Issuance of permits to use equipment									
91. Issuance of permits to use materials									
92. Issuance of permits to use labor									
93. Issuance of permits to use services									
94. Issuance of permits to use facilities									
95. Issuance of permits to use resources									
96. Issuance of permits to use information									
97. Issuance of permits to use knowledge									
98. Issuance of permits to use skills									
99. Issuance of permits to use tools									
100. Issuance of permits to use equipment									

This document was prepared by the Sanitary Division and is subject to the provisions of the  
Public Health Act, R.S.A. 1922, Chapter 104, and is not to be  
used for any other purpose.



The following table is a detailed report of this work for the year.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Houses quarantined	57	32	45	22	40	20	9	89	91	40	40	38	523
Houses released from quarantine	52	29	43	25	31	17	7	87	92	34	41	30	488
Patients moved to hospital	57	33	48	27	32	12	9	87	121	59	37	4	526
Other calls made	85	145	93	78	101	106	391	67	92	136	72	85	1,451
TOTALS	251	239	229	152	204	155	416	330	396	269	190	157	2,988

#### FOOD INSPECTION

The inspection of food-stuffs is a very important part of departmental activities and the Inspector in charge of this work has conducted his duties with efficiency and dispatch.

The following is a report of foods condemned during the year.

72 lbs. pork	75 lbs. veal	1200 lbs. groceries
19 cans Chili Con Carne	10 gals. fruit juice	25 lbs. cocoanut
30 lbs. lard	10 lbs. fish	20 lbs. raisins
38 lbs. beef	7 qts. molasses	35 lbs. dates
225 lbs. flour	55 lbs. Bran	

#### MEAT INSPECTION

The work of this branch has been efficiently carried out during the year. A detailed report follows.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
SUBMITTED													
Beef	335	327	433	400	411	423	438	360	337	336	371	326	4,497
Veal	271	276	331	230	154	186	202	201	240	259	226	273	2,849
Hogs	126	83	87	72	60	59	53	47	63	62	67	84	863
Sheep and lamb	24	52	40	6	13	27	61	57	29	84	5	3	401
Totals	756	738	891	708	638	695	754	665	669	741	669	686	8,610

Cont'd.

The following table is a detailed report of this work for the year

The following table is a detailed report of this work for the year

Patients moved to	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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THE FOLLOWING IS A SUMMARY OF THE WORK DONE DURING THE YEAR

The following is a summary of the work done during the year

The following is a summary of the work done during the year

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

THE FOLLOWING IS A SUMMARY OF THE WORK DONE DURING THE YEAR

The work of this branch has been extremely varied and during the year a detailed report is given

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
<b>CONDEMNED</b>													
Beef	-	-	-	$1\frac{1}{4}$	-	-	-	$\frac{3}{4}$	-	-	$1\frac{1}{4}$	-	$4\frac{1}{2}$
Veal	-	-	-	-	-	1	-	-	-	-	-	-	1
Hogs	2	-	-	$\frac{1}{2}$	$1\frac{1}{2}$	-	$\frac{1}{4}$	1	-	1	$\frac{1}{4}$	-	$6\frac{1}{2}$
Sheep and lamb	-	-	-	-	-	3	-	-	-	-	-	-	3
Totals	2	-	-	$1\frac{3}{4}$	$1\frac{1}{2}$	4	$\frac{1}{2}$	$2\frac{3}{4}$	-	1	$1\frac{1}{2}$	-	$14\frac{3}{4}$
<b>PORTIONS CONDEMNED</b>													
Beef heads & tongues	14	8	17	13	12	12	8	17	6	13	31	15	166
Beef hearts	7	6	8	4	4	3	3	3	3	2	9	4	56
Beef livers	46	35	52	40	68	43	107	52	23	23	20	36	545
Veal heads & tongues	5	5	9	10	6	6	-	6	6	7	6	6	72
Veal hearts	-	-	2	-	-	-	-	-	-	1	-	5	8
Veal livers	9	13	7	17	16	18	16	3	4	10	11	13	137
Hog Heads & tongues	12	6	8	9	7	3	8	7	3	3	2	6	74
Hog Hearts	8	3	1	5	2	-	-	3	4	1	5	1	33
Hog livers	17	4	9	8	10	10	3	7	9	13	7	7	104
Sheep livers	1	17	20	-	9	13	32	13	8	15	-	-	128
Sheep hearts	-	-	-	-	-	3	-	-	-	-	-	-	3
Totals	119	97	133	106	134	111	177	111	66	88	91	93	1,326

#### MILK AND DAIRY INSPECTION

The work in this branch has increased considerably. The milk shed has expanded and there is more milk coming into the city than ever before. The efforts of the Inspectors have resulted in a very fine improvement in the quality of milk sold to the consumer.

During the year the Engineers' Laboratory was closed and the milk testing equipment was moved to the Glenmore Laboratory. Most of this equipment was set up in a temporary manner and it is to be hoped that a permanent laboratory will be provided in a more convenient location. The Department was fortunate in securing the services of Miss I. Ferguson as Laboratory Technician and she has proved to be of great assistance to us.



What has been the effect of the various treatments?

Treatment	No. of cases									
	1	2	3	4	5	6	7	8	9	10
Control	1	1	1	1	1	1	1	1	1	1
...	...	...	...	...	...	...	...	...	...	...
Total	10	10	10	10	10	10	10	10	10	10

...

Treatment	No. of cases									
	1	2	3	4	5	6	7	8	9	10
Control	1	1	1	1	1	1	1	1	1	1
...	...	...	...	...	...	...	...	...	...	...
Total	10	10	10	10	10	10	10	10	10	10

...

The results of the various treatments have been compared and the effect of the various treatments has been determined. The results of the various treatments have been compared and the effect of the various treatments has been determined.

During the past few years, the results of the various treatments have been compared and the effect of the various treatments has been determined. The results of the various treatments have been compared and the effect of the various treatments has been determined.

The appreciation of the Department is extended to the following for their assistance and co-operation.

Palm Dairies Ltd.	Dr. D. Shute
Union Milk Co.	Dr. H. C. Storey
Model Dairies Ltd.	Mr. M. D. Phillips
Alpha Milk Co.	

A detailed report of milk control work follows.

Of the 5,452 Methylene Blue Reductase Tests applied to producers' milk samples, 74.3% were grade one, 10.1% grade two, and 15.6% grade three.

Of the 5,251 sediment tests applied to samples of producers' milk 96.7% were good, 1.7% were fair and 1.6% were bad.

Sediment tests on 370 samples of Distributors' pasteurized milk were made and all were good.

Phosphatase Test was applied to 444 samples of pasteurized milk and all recorded less than 2 Scherer units.

Bacteriological tests were made of 651 bottles of Distributors' milk and showed a yearly average plate count of:

Standard 25,265	Nursery 33,110	Sub-standard 22,790
Homogenized 25,817	Jersey 27,360	Whipping Cream 55,136

Butterfat tests were applied to 444 samples of Distributors' milk and cream and show the following averages for the year:-

Standard milk	3.48%	Jersey milk	4.55%
Homogenized milk	3.44%	Sub-standard cream	10.27%
Nursery milk	3.45%	Whipping cream	34.75%

According to information supplied by the Public Utility Commissioners for the Province of Alberta,

Total sales of all fluid milk was	18,446,209 quarts
Total sales of 18% cream was	21,805 quarts
Total sales of 32% cream was	138,368 quarts
Total sales of 10% cream was	1,386,872 quarts
Total sales of Chocolate Drink was	588,025 quarts

The average daily consumption of fluid milk per capita was 0.78 pints as compared with 0.71 pints in the previous year - an increase of .07 pints.

I would express to you, Sir, on behalf of all the Inspectors, our thanks and appreciation for the advice and guidance which is unstintingly given whenever it is asked for.

Respectfully submitted,

W. PILLIDGE, C.S.I. (C.)

Chief Inspector

The purpose of the present is to show the following for their assistance and cooperation.

John A. Smith	John A. Smith
John A. Smith	John A. Smith
John A. Smith	John A. Smith
John A. Smith	John A. Smith

A detailed report of this report will follow.

Of the 2,500 persons who have been referred to the committee, 1,000 were referred to the committee, 1,000 were referred to the committee, 1,000 were referred to the committee.

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Of the 2,500 persons who have been referred to the committee, 1,000 were referred to the committee, 1,000 were referred to the committee, 1,000 were referred to the committee.

Standard 10,000	Standard 10,000	Standard 10,000
Standard 10,000	Standard 10,000	Standard 10,000
Standard 10,000	Standard 10,000	Standard 10,000

Of the 2,500 persons who have been referred to the committee, 1,000 were referred to the committee, 1,000 were referred to the committee, 1,000 were referred to the committee.

Standard 10,000	Standard 10,000	Standard 10,000
Standard 10,000	Standard 10,000	Standard 10,000
Standard 10,000	Standard 10,000	Standard 10,000

According to the information received by the committee, the following persons have been referred to the committee for the purpose of the present.

Total value of 10,000 shares	Total value of 10,000 shares
Total value of 10,000 shares	Total value of 10,000 shares
Total value of 10,000 shares	Total value of 10,000 shares
Total value of 10,000 shares	Total value of 10,000 shares
Total value of 10,000 shares	Total value of 10,000 shares

The average value of the shares of the company is \$10.00 per share, as compared with \$0.01 per share in the year 1900.

I would suggest to you, Sir, on behalf of all the investors, that you should consider the value of the shares of the company, which is \$10.00 per share, as compared with \$0.01 per share in the year 1900.

Respectfully,  
John A. Smith

John A. Smith

John A. Smith



## MILK AND DAIRY INSPECTION

25.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Inspections in country	48	51	72	60	54	30	53	68	92	70	30	26	654
Inspections in City	82	86	81	76	84	79	82	78	46	83	76	69	922
Complaints received	1	3	0	0	1	0	3	3	0	1	2	2	16
Complaints justified	1	2	0	0	1	0	3	3	0	1	2	2	15
Notices issued-written	95	89	52	40	105	443	172	6	30	85	56	75	1,248
Notices issued-verbal	18	12	19	31	21	24	15	37	57	41	29	21	325
Licenses suspended	4	7	7	3	4	14	10	0	0	1	5	5	60
Permits issued to:													
dairymen	311	2	3	4	2	7	0	6	4	7	9	0	355
milk vendors	5	0	0	0	0	0	0	0	0	0	0	0	5
cowkeepers	26	0	0	0	0	0	0	0	0	0	0	0	26
pasteurizing plants	5	0	0	0	0	0	0	0	0	0	0	0	5
distributors	5	0	0	0	0	0	0	0	0	0	0	0	5
Producers sediment tests	608	565	570	519	594	443	295	0	271	614	543	502	5,524
" reductase "	608	784	587	519	594	443	295	0	102	614	543	502	5,591
" microscopic "	2	1	0	2	1	0	1	0	0	2	0	0	9
Total Producers samples	1218	1350	1157	1040	1189	886	591	0	373	1230	1086	1004	11,124
Milk condemned, lbs.	75	240	360	210	320	400	350	680	270	240	300	400	3,845
Milk cans " , no.	3	3	6	4	4	8	8	12	10	36	16	12	122
Retailers sediment tests	40	40	40	40	40	40	20	0	0	40	40	30	370
" specific gravity "	48	48	48	48	48	48	24	0	0	48	48	36	444
" butter fat "	48	48	48	48	48	48	24	0	0	48	48	36	444
" phosphatase "	48	48	48	48	48	48	24	0	0	48	48	36	444
" samples	48	48	48	48	48	48	24	0	0	48	48	36	444
Tests for B. Coli	49	63	61	185	49	62	62	72	37	36	52	51	779
Plate counts	49	63	61	57	49	62	62	72	37	36	52	51	651
Total milk & cream samples	1315	1461	1266	1273	1286	996	677	72	410	1314	1186	1091	12,347
Water samples taken	0	0	0	0	0	0	0	0	0	1	0	0	1





REPORT ON CHILD HYGIENE CLINICS  
(Infant and Pre-School)  
Calgary, Alberta  
For the year 1953.

January 18th, 1954.

W. H. Hill, Esq., M.D., C.M., D.P.H.,  
 Medical Officer of Health,  
 Calgary, Alberta.

Dear Dr. Hill:

I herewith submit the report of the Infant and Pre-School Clinics for 1953.

Attendance: Infants 9,806    Pre-school (2-6)yrs. 3,831    Total 13,637

An increase of 1665 over that of last year. 191 were from outside City. These do not have the services of the doctors.

New Cases: Infants 2,286    Pre-school 963    Total 3,249

Auxiliary Clinics	Scarboro	1,570
	Killarney	1,231
	North Hill	1,276
	Maude Riley Home	413
	Currie Barracks	<u>292</u>
	Total	<u>4,782</u>

All figures included in main report. Although the clinic at Currie Barracks has its own nurse, we provide them with forms, literature, get their birth registration, make dental appointments, etc.

Present enrollment: Infants 2,991  
 at all City Clinics    Pre-School 9,436    Total 12,427

Number interviewed by doctors    3,069

Of 1,650 complete physical examinations in the 3 - 4 age group  
 1,176 were found to be O.K. 712 missed appointments.

Number interviewed by nurses    10,586

Visits:	To homes	8,037	
	Insulin Investigations	15	
	Pre-natal referred to V.O.N.	<u>9</u>	Total <u>8,061</u>

Infant Feeding Comparison: Breast 1,512    Bottle 5,374    Other 2,920

Defects:

Skin	326	Pneumosis	88
Ears	63	Intestinal	82
Eyes	179	Cong. Malformation	9
Hernia	125	Nose and Throat	48
Chest	207	Tonsils and Adenoids	294
Orthopedic	117	Mentally Deficient	5
		Teeth	589



# REPORT OF THE (Annual and Semi-Annual) January, 1901 1900-1901

January 1901, 1901

Dr. J. H. Hill, Jr., M.D., F.R.C.S.  
 Medical Officer of Health,  
 County of Albany

Dr. J. H. Hill

I herewith submit the report of the Infant and Pre-School Clinics

for 1901.

Attendance: Infants 4,901 Pre-school (2-5 yrs.) 2,501 Total 7,402

An increase of 11% over that of last year. 1900 were 6,650  
 There has not been the removal of the children.

The Grand Infants 4,901 Pre-school 2,501 Total 7,402

Infant Clinics	Pre-school	Total
1,000	1,000	2,000
1,200	1,200	2,400
1,300	1,300	2,600
1,400	1,400	2,800
1,500	1,500	3,000
1,600	1,600	3,200
1,700	1,700	3,400
1,800	1,800	3,600
1,900	1,900	3,800
2,000	2,000	4,000

All children included in this report. Although the clinic is held  
 monthly for the new year, no provision has been made, although we are  
 able to maintain the same level of attendance.

Attendance: Infants 4,901 Pre-school 2,501 Total 7,402

Under instruction by doctors

Of 1,650 children physical examination in the 1-4 age group  
 1.1% were found to be ill. This amount of examination

Under instruction by nurses

To home  
 In the investigation  
 To the extent of 1,650  
 Total 1,650

Infant Pre-school 4,901 Pre-school 2,501 Total 7,402

Infants	Pre-school	Total
1,000	1,000	2,000
1,200	1,200	2,400
1,300	1,300	2,600
1,400	1,400	2,800
1,500	1,500	3,000
1,600	1,600	3,200
1,700	1,700	3,400
1,800	1,800	3,600
1,900	1,900	3,800
2,000	2,000	4,000

## Infectious Diseases

found at clinics:	Measles	4
	Chicken Pox	3
	Rubella	2
	Whooping Cough	2
	Mumps	1

68 of the above cases were referred to private physicians.  
There have been 10 deaths.

## Dental

Clinics:	Dr. Heimburger treated	1,026	95 missed appointments
	Dr. Duncan treated	832	110 missed appointments
	Dr. Horsley treated	782	145 missed appointments

## Eye, Ear,

Nose & Throat:	No. of Tonsils and Adenoids operations	33
	No. of Eye treatments	608
	No. of Ear treatments	306
	No. of Nose & Throat treatments	169
	Refractions for glasses	73
	Individual cases treated	299

Students:	Calgary General Hospital	11 for 1 month each
	Calgary General Hospital	34 for $\frac{1}{2}$ day each
	Holy Cross Hospital	1 for $\frac{1}{2}$ day each
	R.C.M.C. Hospital	1 for $\frac{1}{2}$ day each
	Nursing Aides	194 for $\frac{1}{2}$ day each
	Voluntary Workers	128 for $\frac{1}{2}$ day each

Letters: 9,258 have been forwarded in connection with clinic work.

Staff: In May the Scarboro Clinic was opened with Miss Maynes in charge. Miss Wright and Miss Chambers from School Nursing Staff were assigned to assist part time.

Miss Jacobsen resigned to be married. Miss Shaw taken on staff.

In August Miss MacKenzie from the School Nursing Staff was taken on half time.

In September Mrs. Foster from School Nursing Staff was taken on half time.

Donations: We are indebted to various firms for Cod Liver Oil and other infant food products. To the Hounsfeld Heights Club for a generous supply of quilts. To the Nursing Aides School for childrens' furniture and toys used at the North Hill Clinic.

Respectfully yours,

M. F. LAVELL,  
Nurse in Charge,  
Child Hygiene Clinic, City Hall.





W. H. HILL, Esq., M.D., C.M., D.P.H.,  
 Medical Officer of Health,  
 Calgary, Alberta.

Dear Sir:

The following report sets out the work accomplished by the School Health Division in the City School System during the year 1953, and is presented for your information. During the school year a total of 8,035 received a full medical examination designed to assess their health state. This figure represents an increase of 1,397 pupils examined over the previous year's total. The average pupil enrollment for 1953 under the Calgary School Board and the Calgary Separate School Board was approximately 22,000. Thus 36% of the pupils enrolled received a medical examination during the school year. These periodic medical examinations have a very definite health educational value. They encourage the child to discuss any health problems and offer an opportunity for helpful suggestions in promoting healthy living. The older pupils particularly are quite at ease during a medical interview and seem genuinely interested. In order that the family may get the maximum benefit from such an examination, it is important for a parent to be present. Fortunately a great number of parents, particularly of the younger age groups, do attend the examination on the invitation extended by the nurse. Invitations to be present at the medical interview were extended to 6,500 parents, in grades other than High School. A total of 4,129 parents attended, or 63%. This figure does not differ significantly from the previous three years. Where both parents are working and unable to be present or where there are other extenuating circumstances, a note is invariably received expressing interest in the examination and requesting a note on any points which require attention. Where no parent is present at the examination a brief summary of the results is sent home. Any defects noted are recorded on a special referral form and either handed to the parent, sent home by letter, or with the child, according to circumstances.

The immunization state of each child is reviewed during the medical examination. 2,188 of these examined had never received a primary vaccination. This represents 27.2% and shows an increase over the previous year of 1.5%. Some 479 children had overrun the period of seven years considered advisable for revaccination. Though no effort is spared in acquainting the public on the benefits of inoculation against diphtheria 1,243 children, or 15.5% had never been immunized. This figure shows no change from that noted during the previous year. In addition 1,143 were found who had received initial protection but were in need of a reinforcing dose. The nurses have been engaged in a program of reviewing the medical history sheets, compiling nominal rolls of children whose records have become outdated or who have never been inoculated. A card requesting parental consent to inoculation or vaccination is taken home by the child for the parents' signature. These are returned to the school duly signed by the parent and in due course the school nurse runs an inoculation clinic in the school medical inspection room. It is found that doing children in groups in this way cuts down a lot of the natural apprehension so often apparent when individually taken for an inoculation.

During the year 3,448 children were vaccinated in school, a drop of 200 over the previous year. 5,232 inoculations against diphtheria were given, an increase of some 2,100 over that achieved in 1952. It is gratifying to note that 1,036 children were given a complete anti-diphtheria inoculation series, about 200 more than the year before.





From the results of the medical examinations each child has been awarded an arbitrary health category somewhat similar to the one used in expressing his academic standing. Three grades are used: A -- Good, B -- Fair, C -- Poor. A total of 7,283 or 90.0% were considered to satisfy the standard for an A grading; 720 or 9.5% were felt warranted a B grading; and 32 or 0.5% had a C grading.

Defects noted by the physicians conducting the school examinations are summarized in the following table:

Defects	Number	Percentage of total examined
Anaemia	47	0.6%
Cardiac	55	0.7%
Pulmonary	65	0.8%
Abdominal	12	0.15%
Hernia	29	0.38%
Genitalia	32	0.4%
Orthopaedic	59	0.74%
Foot	690	8.6%
Nervous System	48	0.6%
Tonsils & Adenoids	500	6.3%
Eyes	320	4.0%
Ears	96	1.2%
Endocrine	17	0.2%
Dental	1,783	22%
Others	164	2.0%

Resulting from these examinations 643 pupils or 8% were referred to the family physician, either on account of some specific defect noted for which treatment was warranted or for further investigation. The Health Department wishes to express its thanks to the private physicians for the information furnished on the referral slips, completed on behalf of their patients. This information is recorded on the child's medical record card and serves to produce a year by year health record. Dental caries, questionable tonsils and adenoids and defective vision account for the most part for referring children to the private physicians and dentists.

During the afternoons at the City Hall, children are referred by the nurses for special examinations for minor ailments. Many skin conditions, eye ailments, minor injuries, earaches, etc. are seen by the physicians. Many of these conditions would otherwise never be seen by a doctor. It is felt that in providing this special service much time lost from school is eliminated. Many parents bring their children to these afternoon sessions without prior referral by a nurse. 1,352 children were seen at the minor ailment clinic and 120 were further referred to their own private physicians for continuation treatment.

The school nurses have again had a very busy year and performed a vast amount of constructive health supervision, as the following summary will testify. The Department is very fortunate in having such an enthusiastic staff. Each nurse takes a very personal interest in the welfare of the children in her charge and the pupils readily turn to the nurses for advice and help.



From the results of the medical examination and other tests conducted on the patient, it was determined that the patient was suffering from a severe case of ... The patient's condition was such that it was necessary to ...

Details of the patient's condition are given in the following table:

Examination of	Notes	Remarks
Heart	Normal	
Lungs	Clear	
Stomach	Normal	
Intestines	Normal	
Genitals	Normal	
Neurological	Normal	
Reflexes	Normal	
Visual	Normal	
Motor System	Normal	
Sensory System	Normal	
Speech	Normal	
Swallowing	Normal	
Elimination	Normal	
General	Normal	
Summary	Normal	

Summary of the patient's condition: The patient is a young man, 25 years of age, who has been suffering from a severe case of ... The patient's condition is such that it is necessary to ...

During the examination at the City Hall, the patient was found to be in a very poor condition. The patient's condition was such that it was necessary to ...

The patient's condition was such that it was necessary to ... The patient's condition was such that it was necessary to ...

The following is a summary of the work performed by the nurses:

Interviews of admission following illness	237	First aid treatments in school	4,789
		Phone call and notes	7,586
Communicable diseases investigated:		Special dental appointments made	500
Measles	218	Conferences with:	
Scarlet Fever	132	pupils	25,564
Whooping Cough	34	parents	1,893
German Measles	197	teachers	6,198
Mumps	234	other agencies	361
Chickenpox	598	Referred to medical examiners	1,789
Others	611	Medical examinations assisted at	8,035
		Vision tests	19,323
Class Health talks given	465	Pupils weighed, measured and interviewed	16,772
Meetings addressed	49		
Home Visits	1,819	Defects:	
		Vision	1,656
Exclusions from School:		Hearing	62
Suspected communicable disease	76	Suspected unhealthy tonsils and adenoids	227
Ringworm	25	Others	1,087
Scabies	42		
Impetigo	214		
Other reasons	494		

The year 1953 will be long remembered as being responsible for the worst outbreak of poliomyelitis in Western Canada. Calgary and the Southern part of the Province were particularly heavily hit. A total of 411 cases of poliomyelitis were reported to the Health Department with 269 of these cases residents within the City boundary. Reporting of cases during the months May, June and July was less than in the previous year and first impressions suggested a moderate incidence year only. The month of August saw a very great jump in case incidence with a similar figure recorded for the month of September. The outbreak was drawn out until the end of November, lasting one month longer than usual. Towards the end of July the Provincial Government made Gamma Globulin available to all family contacts of the disease. The Gamma Globulin was provided free to immediate family contacts and did a great deal as a moral booster within the community during these rather anxious months. Supplies of Gamma Globulin initially were very limited, but with Federal Government sponsored Connaught Laboratories coming into production during August all demands for Gamma Globulin from there on were satisfactorily met. Local swimming pools were again closed and children banned from the local cinemas. Schools were scheduled to reopen the 1st of September but an order issued by the Provincial Health Department postponed opening until September 14th. 269 notified cases of poliomyelitis from within the City boundaries gives an incidence rate of 18.17 per 10,000 population. This is the highest rate in the history of the City, an increase of 8.09 over the previous year. A breakdown of the statistics shows one interesting phase of the 1953 epidemic. The monthly incidence for city cases is shown in the following table.





<u>Month</u>	<u>1953 Cases</u>	<u>1952 Cases</u>
May	1	1
June	2	1
July	20	29
August	89	58
September	90	31
October	35	21
November	29	3
December	3	0
	<u>269</u>	<u>144</u>

A table of age incidence is further shown:

<u>Age</u>	<u>1953</u>	<u>1952</u>
0 - 5 yrs.	73 (28%)	52 (36%)
6-10	61 (23%)	32 (23%)
11-20	39 (14%)	25 (17%)
21-30	62 (23%)	24 (17%)
31-40	29 (10%)	11 (8%)
41- upwards	5 (2%)	-

In 1953 the age group 0 - 20 shows a reduction of 11% of cases over 1952, whereas the older age group 21 - upwards reflects this increase. The age group 21 - 40 years accounted for 85% of the recorded deaths.

There were a number of staff changes during the year. Dr. G. Morrison completed one school year as a part-time examining physician. His place was taken by Dr. I.M. Gunn and Dr. A. E. Morrison working alternate days in the schools. This appointment commenced in September. Dr. Agnes O'Neil resigned from the school examining staff at the end of June for the purpose of taking a post graduate course in Public Health at the School of Hygiene in Toronto. Dr. Z.F. Jaworski commenced work with the Department as a school physician in the place of Dr. O'Neil when schools reopened in September.

The school nursing staff was further increased from fifteen to eighteen nurses. The rapid increase in both new school classrooms and school enrollment made it necessary, now more than ever, to provide adequate health supervision in the schools. Miss E. C. Shaw requested a transfer to the Infant Clinic Staff and Miss N.J. White resigned from the Department to take up a new appointment in British Columbia. Miss P.M. Harley, Miss G.M. Jones, and Miss R. Nixon resigned from the staff to be married. These nurses were, however, reappointed on a temporary basis in keeping with the policy respecting married women.

We were pleased to welcome to the staff the following new nurses: Miss H. Seymour, Mrs. P. Shelton and Miss A. Millican to full-time school health nurses. As a first stage in decentralizing the Health Department five of the nurses are now working in both the school and infant welfare program. Mrs. K. C. Foster and Mrs. M. Larsen were two new appointees in this capacity.





The following table shows corrective treatments performed by the family physicians on school children during the period September 1st, 1952 to June 30th, 1953:

Operations:		Skin lesions	206
Tonsils and Adenoids	419	Anaemia	161
Appendectomies	153	Nutritional disturbances	93
Hernia	17	Cardiac conditions	53
Others	56	Emotional & behavior problems	153
Fractures or injuries	318	Miscellaneous	130
Orthopaedic conditions	147		
Refractions	1,223		
Other eye conditions	138		
Ear conditions	222	Total	3,489

A vitamin supplement tablet was again made available to school children during the year. These tablets are easily swallowed and are a popular means of presenting vitamins to the school children.

At the discretion of the school nurses certain children are provided with a half pint of milk free on each school day through the months January to June. The cost to the Department for this service amounted to \$2,513.24.

During 1953 54 children were provided with glasses free of charge. In all cases the economic circumstances of the family were carefully checked before the charge was made to the City.

The Department wishes to express sincere thanks to the following ophthalmologists who have so kindly given their professional time and advice free of charge in certain eye conditions. Dr. M.S. Miller, Dr. L.C. Cody, Dr. A.E. Shore, Dr. E. A. Johnson, Dr. J.R. Berry, Dr. D. Gorrell, Dr. C.M. Shafto, and Dr. W. Spankie attended selected cases where family circumstances precluded private consultations. In all these cases where glasses were advised, these were supplied by the City.

#### Pre-School and School Dental Service

The basic policy of concentrating on the dental needs of the youngest children was again adopted. Children in Kindergarten and Grades I and II received a dental inspection by the Dental Hygienist. Defects noted were recorded on a card sent home to the parents for action. The parent then has the privilege of electing to take the child to the family dentist or requesting a dental appointment at the school clinic.

Grades III and IV were also inspected and a report sent home on the state of the child's mouth at that time. These children are all obliged to seek corrective treatment through the family dentist.

These inspections were performed by the Dental Hygienist on the staff. Despite a very heavy case load of inspections she manages to give the classes a talk on the fundamentals of good oral hygiene. Owing to the very poor response shown by parents on invitation to attend a similar talk respecting their role in promoting good oral hygiene in the home, this educational feature had to be curtailed.



The following table shows the results of the investigation conducted by the Health Department in 1955.

Category	Number of Cases	Percentage of Total
Respiratory	120	40%
Gastrointestinal	80	27%
Neurological	50	17%
Cardiovascular	30	10%
Endocrine	20	7%
Musculoskeletal	10	3%
Other	10	3%
<b>Total</b>	<b>300</b>	<b>100%</b>

A further investigation of the cases which were reported as being of the respiratory type, showed that the majority of these cases were of the viral type.

At the conclusion of the investigation, it was found that the majority of the cases were of the viral type, and that the majority of these cases were of the respiratory type.

During 1955, 32 children were reported as being of the respiratory type, and 10 of these were of the viral type. The majority of these cases were of the respiratory type.

The following table shows the results of the investigation conducted by the Health Department in 1955. The majority of the cases were of the respiratory type, and the majority of these cases were of the viral type.

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School Dental Clinic Statistics:

Total fillings:	7,323	Appointments made	5,887
Permanent teeth	3,053	Appointments kept	5,193
Deciduous teeth	4,270	Appointments not kept	818
Total extractions:	1,889	Refused treatment	4
Permanent teeth	66	Emergencies attended to	164
Deciduous teeth	1,823		
Bases	5,657	Dental Inspections:	
Prophylaxis	106	Number inspected	9,919
X-rayed	345	Number requiring treatment	7,282
		Number dentally fit	2,637
Total number of teeth treated:	16,880		
Permanent	6,559		
Deciduous	10,321		

Mrs. J. Engman, the dental hygienist has been chiefly engaged in inspecting the teeth of children in Grades I - IV inclusive. A total of 9,919 children have received dental inspection. In each instance a card is sent home to the parent giving details of the findings. In addition 293 classroom talks were delivered to children on how to care for the teeth. Educational literature was distributed to parents and teachers and use was also made of the filmstrip teaching medium.

It will be observed that out of the 9,919 children inspected, only 2,637 did not require any form of treatment. This represents 26.6% of the total. Nevertheless it represents an overall improvement over the previous year of 3.3%. It must not be overlooked that of the 73.4% of children shown as requiring treatment, the correction necessary can vary from one small filling to multiple fillings and extractions. Despite the fact that appointments for treatment of Grades I and II pupils are free and the appointment time confirmed with the parent by phone, only 86% of appointments were kept.

Dr. J. A. Duncan who had been engaged in treating pre-school children attending the dental clinic resigned in July, 1953 for the purpose of entering private dental practice. Dr. Harvey E. Horsley replaced Dr. Duncan in the pre-school clinic. Miss Ewan was appointed as dental assistant in the pre-school clinic, a new post.

The statistics for the Pre-School Dental Clinic service at the City Hall are shown in the following table:

Total fillings	2,982	Appointments kept	1,543
Permanent teeth	9	Appointments not kept	331
Deciduous teeth	2,973	Extra appointments	262
Total extractions	385	New Patients inspected	521
Bases	215	No. needing treatment	468
No. of teeth treated	3,950		
Permanent teeth	2		
Deciduous teeth	3,957		

Treatment for the pre-school child is supplied free upon request by any parent, yet despite this fact 21% of the appointments made were not kept, which is far from satisfactory.

Respectfully submitted,  
 LESLIE C. ALLAN, M.B., Ch.B., D.P.H.,  
 Assistant Medical Officer of Health.





## REPORT OF INOCULATION CLINIC FOR 1953.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Inoculations	944	2025	1495	945	753	683	515	399	471	538	559	439	9766
Swabs taken	--	--	--	--	--	--	--	--	2	--	--	1	3
Vaccinations	169	127	653	354	621	193	49	47	36	68	71	43	2431
Dick Tests	--	--	--	2	3	--	1	1	1	--	--	--	6
Schick Tests	2	32	37	20	25	10	18	1	20	36	30	32	263
Tuberculin Tests	--	26	--	--	--	30	--	--	77	487	16	--	636
Investigations made	14	11	9	21	23	20	14	5	27	9	9	13	175
Total Visits made	88	97	96	99	101	84	118	91	104	124	95	89	1186
First Aid Treatment given	3	2	--	1	--	--	--	--	2	2	2	2	14
Totals	1220	2320	2290	1442	1526	1020	715	544	740	1264	782	619	14482



CALGARY TUBERCULOSIS ASSOCIATION

March 8th, 1954.

W. H. Hill, Esq., M.D., C.M., D.P.H.,  
 Medical Officer of Health,  
 CALGARY, Alberta.

Dear Sir:

The following is a report of the work accomplished by the Chest Clinic, for the year --- March 1st, 1953 to February 28th, 1954, and is submitted for your information.

This clinic is located in the Public Health Department at the City Hall. It is sponsored by the Calgary Kinsmen's Club and financed by the sale of Christmas Seals.

- (1) Number of Clinic Sessions held .....49
  - (a) Number of patients examined ..... 279
    - Adults ..... 253
    - Children ..... 26
  - (b) Number of new cases of Tuberculosis .. 11
    - Active ..... 0
    - Inactive ..... 11
- (2) Tuberculin Tests ..... 2699
  - Positive ..... 615
  - No reaction ..... 2084
  - (a) Number given in office ..... 501
  - (b) Number given outside of office ..... 2198
    - (Approx. 980 -- High School Students)
- (3) Office Calls ..... 1448
- (4) Home Visits made ..... 966
- (5) Miscellaneous calls ..... 272

ASSISTANCE TO NEEDY FAMILIES

During the year used clothing has been delivered to eleven families. Milk was discontinued for nine families, and nine new families were given milk assistance. At the present time there are eighteen families on the milk list. Eighty-four bottles of Cod Liver Oil were distributed. At Christmas, fourteen families received food hampers, and gifts were purchased for thirty-two children. Eight families were driven to the Sanatorium for X-rays.

Classes were held at the Calgary General Hospital and with the affiliate students at the Sanatorium. 324 injections of streptomycin were given.

At this time I wish to express my appreciation and sincere thanks for the guidance you have given throughout the year, and for the excellent cooperation received from all members of your staff.

Respectfully submitted,

Irene Walton, R.N.





## Calgary Branch

206 Oddfellow's Temple,  
April 5th, 1954

W. H. Hill, Esq., M.D., C.M., D.P.H.,  
Medical Officer of Health,  
City of Calgary, Alberta.

Dear Sir,

The following report of the work done by our organization during the year 1953 is submitted for your information.

In 1953 our statistics showed an increase in Patients and Visits and a large increase in the attendance of Prenatal Classes.

In the Medical and Surgical field our visits showed a slight decrease. The chief reason for this change is the decreased use of Penicillin and other drugs in the treatment of respiratory and other infections by the physician. For the most part our medical and surgical visits were to the chronically ill, the aged, the post-operative home from hospital - all time-consuming visits.

55% of total visits were to give nursing care and supervision of nursing care.

75% of medical and surgical visits were to give care to adults. In this group comes the cancer patient. We are giving intramuscular therapy prescribed by the physician to cancer patients in the home, but so often we get the terminal case where visits are necessary daily and often twice daily for dressings and care, or the night call to give sedatives to relieve the suffering of the cancer patient.

In the prenatal field we are overwhelmed - expectant mothers and fathers clamouring for instruction and information. 39 prenatal classes were held with a total attendance of 457 compared with 296 last year. Young fathers are showing more interest in information regarding the coming baby than ever before. With the help of other agencies Fathers' Classes would be an interesting and worthwhile project. In working with the Calgary Family Bureau we hope to arrange conferences for unmarried mothers. We have done something in this field, but due to pressure of other things it has not been a great deal. The expectant mother is followed up in the home by the nurse in the district with monthly visits until she goes to hospital.

She calls the Nurse on her return home and care and supervision is given to herself and her newborn to the age of six weeks - and so the maternity cycle is complete.

The maternal and infant welfare programme is a significant feature of our service and is our contribution to the reduction of maternal and infant mortality rate in Canada. 44% of visits were made to this group, an increase of 11% over last year.

Total Patients 1953	3065
Total Visits	13816





Visits to patients over 70 years of age	2505
Medical and Surgical visits	7539 or 55%
Prenatal, postnatal and newborn	6069 or 44%
Postnatal patients	1050
Newborn	1080

#### Fee Status

Fully paid	29.58%
Part paid	21.34%
Free	3.53%
Non-chargeable	45.46%
Insurance	0.09%

The maximum fee was \$2.00 per visit covering a cost of \$1.79 per visit based on 1952 figures.

The present staff consists of seven well-qualified nurses, with post-graduate training in Public Health Nursing and representative of five universities in Canada. Four of the seven were taken on staff in 1953. The V.O.N. is vitally concerned with the quality of their staff and to this end give fifty bursaries of \$750 each, to students to assist them in post-graduate courses in Public Health Nursing at universities in Canada. We have given field and observation experience to sixteen under-graduate students from the local hospitals and four post-graduate students from the University of Alberta.

We regretted the resignation of Mrs. Atkinson as President but were fortunate in the appointment of Mrs. MacWilliams. The outstanding feature of the year's work was in the improvement of working conditions for our staff. An additional nurse was taken on the staff and a fifth car was purchased. Our personnel policies were revised in regard to salaries which were brought up to the level of the official agencies in the City.

We wish to thank our Medical Advisory Committee for all the help and advice given to us throughout the year and all the physicians and surgeons in the City who use our service and are so co-operative and considerate.

We have plans and ambitions for this year. The chief of these is further publicity for our organization. Feb. 21st - 28th was V.O.N. Week across Canada which enlightened more people about our service. At this point I would like to quote from the report of the Chairman of the Educational and Publicity Committee for the V.O.N. for Canada - "The need for publicity both nationally and locally cannot be denied. Abraham Lincoln summed up the philosophy of public relations in the following words: 'With public sentiment nothing can fail - without it nothing can succeed.' It is up to us all to create and hold public sentiment so that the Victorian Order of Nurses can play its vital role in Canada's National Health Programme."

Respectfully submitted,

Helen Irving  
Nurse-in-Charge.





# FINANCIAL STATEMENT

38.

## HEALTH DEPARTMENT (General)

	1953	1952
Salaries	\$64,100.70	\$59,204.18
Sera, Vaccine, Etc.	103.42	366.97
Disinfectants	83.45	264.42
Laboratory Charges - Supplies and Equipment	600.00	1,200.00
Auto Maintenance and Allowances	5,246.03	4,798.09
Sundries	1,108.51	903.15
Printing and Stationery	958.68	1,022.20
Postage (for the whole department)	442.92	434.29
Transit System Passes and Tickets	759.55	693.08
Isolation Ambulance Hire	248.50	332.00
Milk Inspection Expenses	820.88	685.73
Milk to Undernourished and Sickly Persons	2,666.27	2,117.41
Meat Inspection Expenses	81.30	33.87
Office Equipment	--	659.44
New Equipment (Automobile) Annual Payment	531.42	531.42
	<u>77,751.63</u>	<u>73,246.25</u>

## SCHOOL MEDICAL AND DENTAL SERVICES

Salaries	93,890.25	86,065.09
Medical and Dental Supplies and Equipment	3,848.70	4,142.24
Glasses for Underprivileged School Children	330.16	189.94
Milk for Undernourished School Children	2,513.24	2,579.63
Transit System Passes and Tickets	1,475.65	1,042.75
Auto Maintenance and Allowances	1,947.45	2,006.14
Printing and Stationery	908.06	768.15
New Equipment (Automobile) Annual Payment	406.65	406.65
	<u>105,320.26</u>	<u>97,200.59</u>

## INFANT AND PRE-SCHOOL CLINIC

Salaries	13,507.73	12,490.80
Transit System Passes and Tickets	174.10	159.60
Operations and Treatments ( E.E.N. & Throat and Dental)	3,526.60	3,743.26
Sundries	242.79	254.82
Auto Maintenance and Allowances	951.66	1,006.00
New Equipment (Automobile) Annual Payment	455.63	455.63
	<u>18,858.51</u>	<u>18,110.11</u>

## SCARBORO HEALTH UNIT

Utilities: Gas, Light, Water and Telephone	247.88
Caretaker and Cleaning	387.70
Supplies and Repairs	536.54
Office Furniture and Equipment	2,126.05
	<u>3,298.17</u>

## SUMMARY

Health Department - General	77,751.63	73,246.25
School Medical and Dental Services	105,320.26	97,200.59
Infant and Pre-School Clinic	18,858.51	18,110.11
Scarboro Health Unit	3,298.17	-
	<u>\$205,228.57</u>	<u>\$188,556.95</u>

Population (Dominion Govt. Census of 1951)	129,060	129,060
Per Capita Expenditure	151.3¢	146.1¢

## EXPENDITURE FOR PAST FIVE YEARS

	1953	1952	1951	1950	1949
Total	\$205,228.57	\$188,556.95	\$156,421.05	\$132,797.68	\$128,013.61
Per Capita	151.3¢	146.1¢	121.2¢	125.2¢	120.7¢
Appropriation for 1953 was \$203,534.18 Expended \$205,228.57 Overspent					\$1,694.39
Estimated receipts from Federal and Provincial Grants				\$43,050.00	
Actually received	"	"	"	"	\$44,828.52





