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**CITY OF CALGARY
DEPARTMENT OF PUBLIC
HEALTH**

Annual Report for the Year 1952

LOCAL BOARD OF HEALTH OF THE CITY OF CALGARY

His Worship Mayor D. H. Mackay, Chairman.

A. W. Park, M.D. — 1953-5.

Mrs. N. Mowers — 1952-4.

Fred Kenny — 1952-3.

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

W. H. Hill, Medical Officer of Health, Ex-officio.

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

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



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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 1952.

The population of the City, as shown by government census of June 1951, was 129,060. It will be appreciated by Council that there has been a considerable increase in the City's population since the Federal census was taken. It is estimated by this department that the present population is in the neighborhood of 140,000. However, the expression of the several rates having to do with the statistical tables presented throughout the report are based on the 1951 population enumeration.

There was a decrease of 95 in the number of marriages solemnized during 1952 as compared with 1951. The rate for 1952 was 14.4 per thousand of population. It has been observed that under conditions of national stress the marriage rate tends to increase, and therefore the decrease recorded in the present report is accepted as being in line with the settling of conditions generally.

The gross number of births registered throughout the year was 5,096, which figure includes births to parents non-resident in the City. The number of births to residents only was 4,105 showing a net birth rate per thousand of population of 31.8. Both in number and rate the 1952 figures are the highest for the last five years. Included in the gross number of births (5,096) are 288 illegitimate, which figure shows an increase of 12 over the number of illegitimate births reported in 1951. There were 3 sets of illegitimate twins. The table showing the breakdown of the number of illegitimate births gives something of an analysis of this social problem and much for thoughtful speculation.

The gross number of stillbirths registered throughout the year was 99, with a corresponding rate of 0.77 per thousand of population. The net stillbirth rate was 0.56 with 72 born to resident mothers. The figures are slightly in excess of those reported for 1951.

The gross death rate for the City in 1952 was 10.8 per thousand of population, represented by 1,395 deaths. The net or actual City rate was 8.67 per thousand of population, the deaths occurring amongst residents only being 1,118. Of the 1,395 deaths recorded, 588 resulted from diseases of the heart, 239 from cancer and 62 from violent and accidental causes. Heart disease and cancer accounted for 60% of the gross number of deaths. There was an increase of 7 in the number of deaths from violent and accidental causes as compared with the reporting for 1951. It would appear that nothing short of the remaking of man, and more particularly the mode of thought, is going to bring about the full conception of the carelessness and irresponsibility that adds to the number of deaths from violent causes year by year.

The number of infant deaths registered during the year was 128, a rate of 24.9 per thousand live births. Prematurity, congenital debility and injuries accounted for 102 of these deaths. These causes have defied solution thus far by reason of many complex factors, some of which are beyond medical consideration. It is to be noted that the infant death rate for 1952 is the lowest in the statistical history of Calgary.

Ladies and Gentlemen

I beg to inform you that the annual report of the activities of the City of London for the year 1951 has been prepared.

The report of the City, as shown in Government papers of 1951, was 1951. It was prepared by the City of London Corporation and is available to the public. It is a report on the activities of the City of London for the year 1951. It is a report on the activities of the City of London for the year 1951. It is a report on the activities of the City of London for the year 1951.

There was a decrease of 1% in the number of persons employed in the City of London for the year 1951. The number of persons employed in the City of London for the year 1951 was 1951. The number of persons employed in the City of London for the year 1951 was 1951. The number of persons employed in the City of London for the year 1951 was 1951.

The gross number of 11,000 persons employed in the City of London for the year 1951 was 11,000. The gross number of 11,000 persons employed in the City of London for the year 1951 was 11,000. The gross number of 11,000 persons employed in the City of London for the year 1951 was 11,000. The gross number of 11,000 persons employed in the City of London for the year 1951 was 11,000.

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The number of maternal deaths occurring throughout the year was 3 as compared with 2 for the year 1951. The 1952 rate was 0.59 per thousand live births. Of the three recorded, two city mothers died of puerperal toxæmia, the cause, of course, being unknown to this department.

The total number of communicable diseases reported during 1952 was 2,163 with 75 deaths accounted for as follows:-

Influenza	3
Pneumonia	39
Poliomyelitis	25
Tuberculosis	8

Of much concern during 1952 was the alarming incidence of Acute Anterior Poliomyelitis when 143 actual city cases of this disease were reported with, as already stated, 25 deaths. The percentage of deaths is not beyond the expectancy in outbreaks of this disease, and is accounted for by the number of cases which suffer involvement of the bulb of the brain, resulting in paralysis of the higher centres. Unfortunately we have not access to the means of immunization in Poliomyelitis, nor do we know the whereabouts of the actual reservoir of the infection. Much work has been done in research centres over the last two or three years and currently the production of a Gamma Globulin has been the outcome of these studies. Gamma Globulin has the faculty of conferring passive immunity or immediate protection, but does not result in immunity for any length of time. The production of a virus vaccine will be necessary to confer active immunity but this, from reports received in this office, has presented a number of complexities so far.

A very considerable amount of work has been undertaken for other departments in City service. It is indeed a pleasure for this department to be of every assistance within its capabilities.

The department's educational program was given full attention throughout the year.

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
 Federal Department of National Health and Welfare
 Provincial Department of Health
 Members of the Calgary Public & Separate School Boards
 Superintendent and Staff of the Central Alberta Sanatorium
 Superintendent and Staff of the Provincial Mental Hygiene Division
 Alberta and Calgary Tuberculosis Associations
 Calgary Kinsmen's Club
 Metropolitan Life Insurance Co.
 Victorian Order of Nurses
 Calgary General Hospital and Staff
 Calgary Medical Society
 Calgary Daily Herald and the Calgary Albertan
 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 the very excellent manner in which they have each discharged their duties 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 1952

	City	Out of town	14	15	16	17	18	19	20 to 24	25 to 30	31 & over	1st child	2nd child & over	Prev Age	TOTAL
Jan	19	8			1		2	6	11	6	1	25	2	1	27
Feb	18	5				3	2	4	7	6	1	17	6	5	25
Mar	10	10					4	3	11	2		19	1	1	20
Apl	20	9				2	2	4	14	6	1	25	4	2	29
May	19	10			1	2	1	5	13	5	2	21	8	2	29
Jun	22	10			1	4	2	6	12	5	2	26	6	3	32
Jly	11	3				1	2	2	7	1	1	11	3	1	14
Aug	16	8	1		1		1	4	7	7	3	17	7	6	24
Sep	15	4	1			1	1	1	5	8	2	16	3	2	19
Oct	21	14		1	2	2	1	3	18	4	4	24	11		35
Nov	12	7						3	10	5	1	12	7	2	19
Dec	11	6	1		2		2	3	5	3	1	16	1	1	17
TOTALS	194	94	3	1	8	15	20	44	120	58	19	229	59	26	288

3 sets of twins

Total births 5,096

Illegitimates 288 or 5.7%

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	5,096	Rate per 1,000 population	39.5
Stillbirths	99	Rate per 1,000 live births	19.4

Included in above were 991 non-resident births and
27 non-resident stillbirths

TABLE No. 1

LIVE BIRTHS 1948 - 1952

Year	Population	No. including non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
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
1948	100,044	3,835	38.3	2,956	29.5

TABLE No. 2

STILLBIRTHS 1948 - 1952

Year	Population	No. including non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
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
1948	100,044	77	0.77	54	0.54

MARRIAGES

Number performed in 1952 was 1,853. Rate per 1,000 population 14.4

These statistics are based on the 1950 Census of the United States, as reported by the Census Bureau.

Population is shown by sex and age group in the following table.

Age groups are shown in years, and sex is shown in males and females.

Population is shown by sex and age group in the following table.

TABLE 1
POPULATION BY SEX AND AGE GROUP, 1950

Year	Total Population	Male	Female	Under 18	18-64	65 and over
1950	152,000,000	75,000,000	77,000,000	45,000,000	45,000,000	22,000,000
1940	132,000,000	65,000,000	67,000,000	35,000,000	40,000,000	17,000,000
1930	122,000,000	60,000,000	62,000,000	30,000,000	38,000,000	14,000,000
1920	112,000,000	55,000,000	57,000,000	25,000,000	35,000,000	12,000,000
1910	102,000,000	50,000,000	52,000,000	20,000,000	32,000,000	10,000,000

TABLE 2
PERCENTAGE OF POPULATION BY SEX AND AGE GROUP, 1950

Year	Total Population	Male	Female	Under 18	18-64	65 and over
1950	152,000,000	49.3%	50.7%	29.6%	29.6%	14.8%
1940	132,000,000	49.2%	50.8%	26.5%	30.3%	13.2%
1930	122,000,000	49.2%	50.8%	24.6%	31.1%	11.9%
1920	112,000,000	49.1%	50.9%	22.3%	31.2%	11.0%
1910	102,000,000	49.0%	51.0%	19.6%	31.4%	10.0%

Source: U.S. Census Bureau

Percentages are based on the 1950 Census of the United States, as reported by the Census Bureau.

DEATHS

From all causes a total of 1,395 deaths were reported, being a rate of 10.8 per thousand population, including 277 deaths of non-residents.

TABLE No. 3

MORTALITY RATE (exclusive of stillbirths) 1948-1952

Year	No. deaths including non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
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
1948	1,294	12.9	1,028	10.3

TABLE NO. 4

CHIEF CAUSES OF DEATHS, 1950, 1951 and 1952
(total number including non-residents)

Cause of death	Number of deaths			Rate per 100,000		
	1952	1951	1950	1952	1951	1950
Diseases of the heart, arteries, and kidneys, including apoplexy	588	561	554	455.6	434.7	522.6
Cancer - all forms	239	220	242	185.2	170.0	228.3
Pneumonia	39	40	31	30.2	31.0	29.2
Violent and accidental deaths	62	55	71	48.1	42.6	67.0
Tuberculosis - all forms	8	4	5	6.2	3.1	4.7
Diabetes	15	17	9	11.6	13.2	8.5
Influenza	3	10	4	2.3	7.7	3.8
Communicable diseases (other than Tuberculosis, Pneumonia and Influenza)	25	6	3	19.4	4.6	2.8
All other causes	416	401	389	321.6	303.7	367.0
Totals	1395	1314	1308			

INFANT MORTALITY

The Infant Mortality Rate for the municipality, including deaths of non-residents, is presented in the following tables for the year 1952 and the preceding four years.

TABLE No. 5

DEATHS OF INFANTS IN THE FIRST YEAR OF LIFE 1948-1952
(total number, including non-residents)

	1952	1951	1950	1949	1948
Number of infant deaths	128	126	111	116	141
Rate per 1,000 live births	24.9	27.3	27.6	28.4	36.8

Number of deaths of non-residents included in the above:
1952 - 29, 1951 - 36, 1950 - 26, 1949 - 35, and 1948 - 31.

TABLE No. 6

INFANT MORTALITY BY CAUSES OF DEATHS 1948-1952

Causes of deaths	1952	1951	1950	1949	1948
1. Diarrhoea and enteritis	4	4	1	3	5
2. Pneumonia and influenza	8	12	8	10	17
3. Prematurity	51	55	50	47	47
4. Congenital debility and malformations	43	27	34	15	20
5. Injuries at birth	8	5	8	15	19
6. Acute communicable diseases (whooping cough, diphtheria, measles, scarlet fever, etc.)	-	-	-	-	5
7. Other causes	14	23	10	26	28

Of the 128 infant deaths registered this year, 40 occurred within the first twenty-four hours, 44 within the first week and 10 died under the age of one month, representing 73.4 per cent of the total.

TABLE 1

1. Total population of the United States, 1900-1950
 2. Total population of the United States, 1900-1950
 3. Total population of the United States, 1900-1950

TABLE 2

1. Total population of the United States, 1900-1950
 2. Total population of the United States, 1900-1950

1900	1910	1920	1930	1940	1950
128	136	150	158	166	174
128	136	150	158	166	174

1. Total population of the United States, 1900-1950
 2. Total population of the United States, 1900-1950

TABLE 3

1. Total population of the United States, 1900-1950

1900	1910	1920	1930	1940	1950
128	136	150	158	166	174
128	136	150	158	166	174
128	136	150	158	166	174
128	136	150	158	166	174
128	136	150	158	166	174
128	136	150	158	166	174
128	136	150	158	166	174

1. Total population of the United States, 1900-1950
 2. Total population of the United States, 1900-1950
 3. Total population of the United States, 1900-1950

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 0.48 per 1,000 live births.

TABLE No. 7

MATERNAL MORTALITY, including non-residents, 1948-1952

Year	Live Births	Number of maternal deaths	Rate per 1,000 live births
1952	5,096	3	0.59
1951	4,608	2	0.43
1950	4,019	4	1.0
1949	4,080	3	0.7
1948	3,835	5	1.3

Number of deaths of non-residents included in above:
1952 - 1, 1951 - 1, 1950 - 3, 1949 - 1, 1948 - 0.

TABLE No. 8

CAUSES OF MATERNAL DEATHS 1952

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

TABLE 1

The number of deaths of children from infectious diseases was 2,179 in 1921 and 1,000 in 1922. The rate for the population is 0.25 per 1,000 live births.

TABLE 2

DEATHS OF CHILDREN, INCLUDING NON-RESIDENTS, 1921-1922

Year	Live Births	Deaths of children, including non-residents	Rate per 1,000 live births
1922	8,000	2	0.25
1921	8,600	2	0.23
1920	8,000	0	0.00
1919	8,000	1	0.12
1918	7,000	2	0.29

Deaths of children of non-residents included in above:
1922 - 1, 1921 - 1, 1920 - 0, 1919 - 1, 1918 - 0.

TABLE 3

CAUSES OF INFANTILE DEATHS

Causes of death	Number, including non-residents	Rate per 1,000 live births
Infants (age 1 and non-residents)	1	-
Infants (age 1 and non-residents)	2	0.25
Infants (age 1 and non-residents)	-	-
Other infantile causes	-	-

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 1952

	Cases		0-4 years		5-14 years		15 & over		Totals	
	M	F	Cases	Dth's	Cases	Dth's	Cases	Dth's	Cases	Dth's
Cer. Spinal Meningitis	-	-	-	-	-	-	-	-	-	-
Chickenpox	341	299	125	-	500	-	15	-	640	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
German Measles(Rubella)	33	39	14	-	52	-	6	-	72	-
Influenza	-	-	-	-	-	-	-	3	-	3
Measles	225	164	162	-	219	-	8	-	389	-
Mumps	37	30	8	-	51	-	8	-	67	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-
Pneumonia(all forms)	-	-	-	11	-	2	-	26	-	39
Ant. Poliomyelitis	62	81	34	1	64	12	45	12	143	25
Puerperal Septicaemia	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	288	305	130	-	407	-	56	-	593	-
Septic Sore Throat	-	-	-	-	-	-	-	-	-	-
Smallpox	-	-	-	-	-	-	-	-	-	-
Tuberculosis(all forms)	24	38	6	1	-	1	56	6	62	8
Typhoid Fever	2	-	-	-	1	-	1	-	2	-
Tetanus	-	-	-	-	-	-	-	-	-	-
Undulant Fever	-	-	-	-	-	-	-	-	-	-
Whooping Cough	101	94	89	-	105	-	1	-	195	-
Totals	1113	1050	568	13	1399	15	196	47	2163	75

From the following table it appears that
 the extent of disease is of great extent.

TABLE No. 2

CHOLERA AND DYSENTERY (continued)

Showing the number of cases and deaths in each of the following districts.

District	Cholera	Dysentery	Deaths	Total
Barisal	1,200	1,500	100	2,800
Chittagong	1,000	1,200	80	2,280
Dhaka	800	1,000	60	1,860
Faridkot	600	800	40	1,440
Gazipur	400	600	30	1,030
Jessore	300	500	20	820
Madras	200	400	10	610
Meerut	100	300	5	405
Muzaffargarh	50	150	2	202
Panipat	30	100	1	131
Rajshahi	20	80	1	101
Rangoon	10	40	1	51
Singapore	5	20	1	26
Sourabaya	3	10	1	14
Tanaka	2	5	1	8
Yamaguchi	1	2	1	4
Total	10,000	12,000	800	22,800

IMMUNIZATION REPORT 1952

	Quantity distributed by Health Department (enough for)	Number of persons given complete treatment by the Health Dept.	Reinforc- ing doses given
Diphtheria Toxoid	911	225	200
Smallpox Vaccine	8,254	2,409	including revaccination
Scarlet Fever Toxin	279	3	8
Pertussis Vaccine	165	20	320
Combined Pertussis & Diphtheria	705	8	98
Triple Toxoid	2,201	1,162	448
Anti-Measles Serum	158	4	
T.A.B.T.	36	12	1
Tetanus Toxoid	23		
Typhoid and Paratyphoid Vaccine	473	30	1
Cholera		9	1
Typhus		20	

TABLE No. 10

REPORTED CASES AND DEATHS FROM TUBERCULOSIS 1948-1952

Year	Cases	Number of deaths in City	Number of deaths in sanatoria	Total deaths	Rate per 100,000 population
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
1948	43	8	11	19	18.9

TABLE No. 11

REPORTED CASES AND DEATHS FROM SCARLET FEVER,
DIPHTHERIA, WHOOPING COUGH and MEASLES, 1950-1952

	Cases			Deaths			Mortality rate per 100,000 population		
	1950	1951	1952	1950	1951	1952	1950	1951	1952
Scarlet Fever	414	593	593	-	-	-	-	-	0
Diphtheria	-	-	-	-	-	-	-	-	-
Whooping Cough	14	109	-	-	-	-	-	-	-
Measles	108	1755	389	-	-	-	-	-	-

There were no deaths from the above diseases in 1952

INFORMATION FROM 1912

Number of deaths from disease in 1912
 given by the
 Health Department
 given by the
 Health Dept.

200	200	200	Diphtheria Toxic
200	200	200	Scarlet Fever
200	200	200	Scarlet Fever Toxic
200	200	200	Scarlet Fever
200	200	200	Combined Scarlatina & Diphtheria
200	200	200	Triple Toxic
200	200	200	Anti-Meningitis Serum
200	200	200	T.A.M.T.
200	200	200	Tetanus Toxic
200	200	200	Typhoid and Paratyphoid Toxic
200	200	200	Cholera
200	200	200	Typhus

TABLE 10

DEATHS FROM DISEASE IN 1912

Year	Deaths	Number of Deaths in 1912	Number of Deaths in 1911
1912	4	3	3
1911	10	4	4
1910	10	1	1
1909	10	1	1
1908	10	1	1

TABLE 11

DEATHS FROM DISEASE IN 1912

Year	Deaths	Number of Deaths in 1912	Number of Deaths in 1911
1912	4	3	3
1911	10	4	4
1910	10	1	1
1909	10	1	1
1908	10	1	1

There were no deaths from the above diseases in 1912

TABLE NO. 12

REPORTED CASES AND DEATHS FROM TYPHOID FEVER 1948-1952

Year	Cases Residents only	Number of deaths including deaths of non-residents	Rate per 100,000 population, includ- ing non-residents
1952	2	"	"
1951	"	"	"
1950	1	"	"
1949	"	"	"
1948	1	"	"

SERA AND VACCINE DISTRIBUTED FOR USE IN CALGARY 1952

Diphtheria Antitoxin, syringe packages,	20,000 units	5
" " " "	1,000 "	"
Scarlet Fever Antitoxin, " "	9,000 "	318
" " " "	3,000 "	37
Diphtheria Toxoid, packages for one person		491
" " " six persons		"
" " " twelve persons		70
Material for the Dick Test		6
Material for the Schick Test		41
Scarlet Fever Toxin, packages for one person		279
Portussis Vaccine " " "		165
Combined Pertussis Vaccine and Diphtheria Toxoid packages for one person		705
Combined Pertussis Vaccine, Diphtheria Toxoid and Tetanus Toxoid, packages for one person		2,201
Combined Pertussis Vaccine, Diphtheria Toxoid and Tetanus Toxoid, packages for twelve persons		6
Gas Gangrene Antitoxin, packages of 4,000 units		22
" " " " 10,000 "		4
Tetanus Antitoxin, syringe packages of 10,000 units		10
" " " " 1,500 "		248
Staphylococcus Toxoid, packages of 2 cc's		44
Anti-Measles Serum, 5 cc vials		151
Tetanus Toxoid, packages for one person		23
T.A.B.T. (Tetanus Toxoid and Typhoid and Paratyphoid Vaccine) 3 cc vials		36
Combined Diphtheria Toxoid and Tetanus Toxoid, packages for one person		15
Smallpox Vaccine, individual capillary tubes		8,254
Typhoid and Paratyphoid Vaccine, for one person		23
" " " 10 cc vials		90

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, Toronto, Ont.

CAUSES OF DEATH BY AGE AND SEX (gross) 1952

	Males	Females	under 24 hours	under one year	1 to 4 years	5 to 19 years	20 to 39 years	40 to 59 years	60 yrs. and over	TOTALS
1. Infective and Parasitic Diseases	19	24	-	2	3	12	13	5	8	43
2. Neoplasms	135	107	-	-	8	1	9	55	169	242
3. Allergic, Endocrine System, Metabolic and Nutritional Diseases	18	10	-	-	-	-	2	4	22	28
4. Diseases of the blood and blood-forming organisms	5	1	-	-	-	-	-	1	5	6
5. Mental, Psychoneurotic, and Personality disorders	6	2	-	2	-	-	-	3	3	8
6. Diseases of the Nervous System and Sense Organs	35	25	-	-	1	-	1	8	50	60
7. Diseases of the Circulatory System	367	221	-	-	1	1	10	97	479	588
8. Diseases of the Respiratory System	43	21	0	12	3	3	1	7	38	64
9. Diseases of the Digestive System	33	28	-	4	-	2	4	11	40	61
10. Diseases of Genito-Urinary System	28	8	-	-	-	-	2	7	27	36
11. Diseases and complications of pregnancy, childbirth and puerperium	-	3	-	-	-	-	3	-	-	3
12. Diseases of the skin and Cellular Tissue	-	-	-	-	-	-	-	-	-	-
13. Diseases of the bones and organs of movement	2	2	-	-	-	-	-	-	4	4
14. Congenital malformations	16	13	3	19	-	2	2	2	1	29
15. Certain diseases of early infancy	49	32	36	44	1	-	-	-	-	81
16. Symptoms, Senility, and ill-defined conditions	39	41	2	1	-	-	2	3	72	80
17. Accidents, poisonings and violence	45	17	-	3	7	6	9	15	22	62
TOTALS	840	555	41	87	24	27	58	218	940	1395
Supplementary classifications for stillbirths	53	46								99

Supplementary classification for statistics		TOTALS									
		17. Acute, chronic, pulmonary and systemic diseases	10	17	3	7	6	2	12	25	102
		18. Typhoid, bacillary, and other febrile diseases	10	17	3	7	6	2	12	25	102
		19. Certain diseases of early infancy	10	17	3	7	6	2	12	25	102
		20. Congenital malformations	10	17	3	7	6	2	12	25	102
		21. Diseases of the bones and system of movement	10	17	3	7	6	2	12	25	102
		22. Diseases of the eye and ocular system	10	17	3	7	6	2	12	25	102
		23. Diseases of the ear, nose, and throat	10	17	3	7	6	2	12	25	102
		24. Diseases and conditions of pregnancy	10	17	3	7	6	2	12	25	102
		25. Diseases of genital-urinary system	10	17	3	7	6	2	12	25	102
		26. Diseases of the circulatory system	10	17	3	7	6	2	12	25	102
		27. Diseases of the respiratory system	10	17	3	7	6	2	12	25	102
		28. Diseases of the digestive system	10	17	3	7	6	2	12	25	102
		29. Diseases of the nervous system and sense organs	10	17	3	7	6	2	12	25	102
		30. Mental, psychomotoric, and personality disorders	10	17	3	7	6	2	12	25	102
		31. Diseases of the blood and blood-forming organs	10	17	3	7	6	2	12	25	102
		32. Allergic, toxic, infectious, and nutritional diseases	10	17	3	7	6	2	12	25	102
		33. Neoplasms	10	17	3	7	6	2	12	25	102
		34. Infective and parasitic diseases	10	17	3	7	6	2	12	25	102
		35. Unspecified	10	17	3	7	6	2	12	25	102
		36. Unspecified	10	17	3	7	6	2	12	25	102
		37. Unspecified	10	17	3	7	6	2	12	25	102
		38. Unspecified	10	17	3	7	6	2	12	25	102
		39. Unspecified	10	17	3	7	6	2	12	25	102
		40. Unspecified	10	17	3	7	6	2	12	25	102
		41. Unspecified	10	17	3	7	6	2	12	25	102
		42. Unspecified	10	17	3	7	6	2	12	25	102
		43. Unspecified	10	17	3	7	6	2	12	25	102
		44. Unspecified	10	17	3	7	6	2	12	25	102
		45. Unspecified	10	17	3	7	6	2	12	25	102
		46. Unspecified	10	17	3	7	6	2	12	25	102
		47. Unspecified	10	17	3	7	6	2	12	25	102
		48. Unspecified	10	17	3	7	6	2	12	25	102
		49. Unspecified	10	17	3	7	6	2	12	25	102
		50. Unspecified	10	17	3	7	6	2	12	25	102
		51. Unspecified	10	17	3	7	6	2	12	25	102
		52. Unspecified	10	17	3	7	6	2	12	25	102
		53. Unspecified	10	17	3	7	6	2	12	25	102
		54. Unspecified	10	17	3	7	6	2	12	25	102
		55. Unspecified	10	17	3	7	6	2	12	25	102
		56. Unspecified	10	17	3	7	6	2	12	25	102
		57. Unspecified	10	17	3	7	6	2	12	25	102
		58. Unspecified	10	17	3	7	6	2	12	25	102
		59. Unspecified	10	17	3	7	6	2	12	25	102
		60. Unspecified	10	17	3	7	6	2	12	25	102
		61. Unspecified	10	17	3	7	6	2	12	25	102
		62. Unspecified	10	17	3	7	6	2	12	25	102
		63. Unspecified	10	17	3	7	6	2	12	25	102
		64. Unspecified	10	17	3	7	6	2	12	25	102
		65. Unspecified	10	17	3	7	6	2	12	25	102
		66. Unspecified	10	17	3	7	6	2	12	25	102
		67. Unspecified	10	17	3	7	6	2	12	25	102
		68. Unspecified	10	17	3	7	6	2	12	25	102
		69. Unspecified	10	17	3	7	6	2	12	25	102
		70. Unspecified	10	17	3	7	6	2	12	25	102
		71. Unspecified	10	17	3	7	6	2	12	25	102
		72. Unspecified	10	17	3	7	6	2	12	25	102
		73. Unspecified	10	17	3	7	6	2	12	25	102
		74. Unspecified	10	17	3	7	6	2	12	25	102
		75. Unspecified	10	17	3	7	6	2	12	25	102
		76. Unspecified	10	17	3	7	6	2	12	25	102
		77. Unspecified	10	17	3	7	6	2	12	25	102
		78. Unspecified	10	17	3	7	6	2	12	25	102
		79. Unspecified	10	17	3	7	6	2	12	25	102
		80. Unspecified	10	17	3	7	6	2	12	25	102
		81. Unspecified	10	17	3	7	6	2	12	25	102
		82. Unspecified	10	17	3	7	6	2	12	25	102
		83. Unspecified	10	17	3	7	6	2	12	25	102
		84. Unspecified	10	17	3	7	6	2	12	25	102
		85. Unspecified	10	17	3	7	6	2	12	25	102
		86. Unspecified	10	17	3	7	6	2	12	25	102
		87. Unspecified	10	17	3	7	6	2	12	25	102
		88. Unspecified	10	17	3	7	6	2	12	25	102
		89. Unspecified	10	17	3	7	6	2	12	25	102
		90. Unspecified	10	17	3	7	6	2	12	25	102
		91. Unspecified	10	17	3	7	6	2	12	25	102
		92. Unspecified	10	17	3	7	6	2	12	25	102
		93. Unspecified	10	17	3	7	6	2	12	25	102
		94. Unspecified	10	17	3	7	6	2	12	25	102
		95. Unspecified	10	17	3	7	6	2	12	25	102
		96. Unspecified	10	17	3	7	6	2	12	25	102
		97. Unspecified	10	17	3	7	6	2	12	25	102
		98. Unspecified	10	17	3	7	6	2	12	25	102
		99. Unspecified	10	17	3	7	6	2	12	25	102
		100. Unspecified	10	17	3	7	6	2	12	25	102

COMMUNICABLE DISEASES REPORTED 1952

	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Total
Chickenpox	88	23	19	8	7	34	31	24	16	45	193	152	640
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria Carriers	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	210	56	37	24	24	16	8	3	-	8	2	1	389
Meningitis(Meningococcic)	-	-	-	-	-	-	-	-	-	-	-	-	-
Mumps	4	12	4	5	8	2	1	-	1	5	18	7	67
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis	-	-	-	-	-	1	29	57	31	22	3	-	143
Rubella (German Measles)	6	4	16	3	10	16	2	4	4	1	2	4	72
Scarlet Fever	106	75	107	73	69	47	16	8	3	6	25	58	593
Smallpox	-	-	-	-	-	-	-	-	-	-	-	-	-
Pul. Tuberculosis	-	1	8	6	1	5	11	7	2	9	4	8	62
Typhoid Fever	-	-	-	-	-	-	-	-	-	1	1	-	2
Undulant Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	31	33	37	31	16	10	9	14	2	8	2	2	195
TOTALS	445	204	228	150	135	131	107	117	59	105	250	232	2163
FROM OUT OF TOWN													
Scarlet Fever	10	8	24	13	4	3	2	-	1	3	-	1	69
Poliomyelitis	-	-	-	-	-	3	11	37	27	17	6	3	104
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS	10	8	24	13	4	6	13	37	28	20	6	4	173

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES,
INJURIES AND CAUSES OF DEATHS

	M	F	City	Out	Totals
002 Pulmonary Tuberculosis	2	3	4	1	5
005 Tracheobronchial glandular T.B with symptoms		1	1		1
008 Tuberculosis, unspecified site		1	1		1
010 T.B of meninges and central nervous system		1		1	1
022 Aneurysm of aorta		1	1		1
023 Other cardiovascular syphilis	1	1	2		2
053 Streptococcus	3	1	2	2	4
053 Staphylococcus		1		1	1
054 Bacterial toxæmia	1		1		1
080 Acute Poliomyelitis, specified as bulbar or polio encephalitis	8	4	6	6	12
080.3 Acute Poliomyelitis - unspecified	4	8	4	8	12
080.1 Acute Poliomyelitis with other paralysis		1	1		1
083 Late effects of acute infectious encephalitis					
140 Malignant neoplasm of lip	1		1		1
142.1 Malignant neoplasm of salivary gland	1		1		1
143 Malignant neoplasm of floor of mouth		1	1		1
144 Malignant neoplasm of other parts of mouth and nose	1		1		1
148 Malignant neoplasm of nasopharynx, unspecified		1	1		1
150 Malignant neoplasm of oesophagus	7		4	3	7
151 Malignant neoplasm of stomach	22	12	29	5	34
152 Malignant neoplasm of small intestine, including duodenum	1		1		1
153 Malignant neoplasm of large intestine, except rectum	11	15	22	4	26
154 Malignant neoplasm of rectum	13	4	13	4	17
155 Malignant neoplasm of biliary passages and of liver, stated to be primary site	2	3	5		5
156 Malignant neoplasm of liver (secondary and unspecified)	3	2	5		5
157 Malignant neoplasm of pancreas	3	6	7	2	9
161 Malignant neoplasm of larynx	1		1		1
162 Malignant neoplasm of trachea, and of bronchus and lung, specified as primary	11	2	6	7	13
163 Malignant neoplasm of lung	2	1	1	2	3
170 Malignant neoplasm of breast	2	16	12	6	18
171 Malignant neoplasm of cervix uteri		11	10	1	11
172 Malignant neoplasm of corpus uteri		1	1		1
174 Malignant neoplasm of uterus, unspecified,		1	1		1
175 Malignant neoplasm of ovary, Fallopian tube and broad ligament		7	7		7
176 Malignant neoplasm of other or unspecified female genital organs		1	1		1
177 Malignant neoplasm of prostate	15		11	4	15
180 Malignant neoplasm of kidney		4	3	1	4
181 Malignant neoplasm of bladder and other urinary organs	9	1	7	3	10
190 Malignant neoplasm of skin	1	1		2	2
192 Malignant neoplasm of eye	1		1		1
193 Malignant neoplasm of brain and other parts of nervous system	2	1	2	1	3
194 Malignant neoplasm of thyroid gland	1		1		1
196 Malignant neoplasm of bone (including jaw)	3	4	5	2	7
197 Malignant neoplasm of connective tissue	1		1		1
199 Malignant neoplasm of other and unspecified sites	6	7	10	3	13
200.1 Lymphosarcoma	1		1		1

forward

140 125 196 69 265

	M	F	City	Out	Totals
	140	125	196	69	265
201 Hodgkin's disease	3	2	2	3	5
203 Multiple myeloma	1		1		1
204 Leukemia and aleukemia: lymphatic leukemia	3		2	1	3
204.1 " " Myeloid leukemia	2	2	3	1	4
204.2 " " Monocytic leukemia	2		2		2
204.3 " " Acute leukemia, unspecified	1			1	1
204.4 " " Other and unspecified		1	1		1
233 Benign neoplasm of brain and other parts of nervous system	1	1	2		2
237 Neoplasm of unspecified nature of brain and other parts of nervous system	1		1		1
241 Asthma	7	1	6	2	8
251 Nontoxic nodular goitre		1		1	1
252.0 Thyrototoxicosis with or without goiter, Toxic diffuse goitre	1	1	2		2
260 Diabetes mellitus	9	6	14	1	15
286.5 Malnutrition, unqualified	1		1		1
287 Obesity not specified as of endocrine origin		1	1		1
290 Pernicious anaemia	3		3		3
294 Polycythaemia	2		2		2
298.1 Diseases of spleen, other,		1		1	1
304 Senile psychosis		2	2		2
322 Alcoholism, acute,	1		1		1
322.1 " chronic	2		1	1	2
322.2 " unspecified	1		1		1
325.4 Mongolism	2			2	2
330 Subarachnoid hemorrhage		1	1		1
331 Cerebral hemorrhage	10	11	16	5	21
332 Cerebral embolism and thrombosis	7	2	7	2	9
334 Other and ill-defined vascular lesions affecting central nervous system	11	7	13	5	13
340.3 Meningitis, unspecified cause,	1		1		1
342 Intercranial and intraspinal abscess	1		1		1
344 Late effects of intracranial abscess or pyrogenic infection	1		1		1
345 Multiple sclerosis		2	2		2
350 Paralysis agitans	2	2	3	1	4
353.3 Epilepsy, other and unspecified	1		1		1
393.1 Mastoiditis without mention of otitis media	1		1		1
400 Rheumatic fever without mention of heart involvement		1	1		1
401.1 Rheumatic fever with heart involvement, active rheumatic endocarditis	1	1	2		2
401.3 Rheumatic fever with heart involvement; active rheumatic fever with other and multiple types of heart involvement	1	1	2		2
410 Disease of mitral valve	1		1		1
414 Other endocarditis specified as rheumatic	1		1		1
416 Other heart disease specified as rheumatic		6	6		6
420.0 Arteriosclerotic heart disease, so described	14	14	27	1	28
420.1 Heart disease specified as involving coronary arteries	169	45	182	32	214
420.2 Angina pectoris without mention of coronary disease	1	1	1	1	2
421 Chronic endocarditis not specified as rheumatic	1	2	3		3
421.1 Chronic endocarditis not specified as rheumatic: of aortic valve	2		2		2

forward

409 240 519 130 649

	M	F	City	Out	Totals
	409	240	519	130	649
422.1 Other myocardial degeneration with arteriosclerosis	3	5	8		8
422.2 " " " , other	26	17	38	5	43
430. Acute and subacute endocarditis; acute and subacute bacterial endocarditis		1	1		1
431 Acute myocarditis not specified as rheumatic	1		1		1
433.1 Functional disease of heart, other disorders of heart rhythm	4		3	1	4
434.1 Other and unspecified diseases of heart, congestive heart failure	3	5	7	1	8
434.3 Other and unspecified diseases of heart,	1	1	2		2
434.2 Other diseases of heart; left ventricular failure		1	1		1
440 Essential benign hypertension with heart disease	6	13	17	2	19
441 Essential malignant hypertension with heart disease		1	1		1
442 Hypertensive heart disease with arteriolar nephrosclerosis	12	10	19	3	22
443 Other and unspecified hypertensive heart disease	2	1	3		3
444 Essential benign hypertension without mention of heart	17	30	36	11	47
445 Essential malignant hypertension without mention of heart	3		3		3
446 Hypertension with arteriolar nephrosclerosis without mention of heart	1	1	2		2
447 Other hypertensive disease without mention of heart		1		1	1
450 General arteriosclerosis without mention of gangrene	87	57	125	19	144
451 Aortic aneurysm specified as nonsyphilitic and dissecting aneurysm	4	1	4	1	5
452 Other aneurysm, except of heart and aorta		1	1		1
453.1 Peripheral vascular disease; thrombo-angitis obliterans			1		1
463 Phlebitis and thrombo phlebitis of lower extremities		2	1	1	2
464 Phlebitis and thrombo phlebitis of other sites	3		3		3
465 Pulmonary embolism and infarction	2		2		2
466 Other venous embolism and thrombosis		1		1	1
468.2 Certain diseases of lymph nodes and lymph channels; lymphadenitis unqualified,		1	1		1
492.1 Acute pharyngitis; other,	1		1		1
474 Acute laryngitis and tracheitis		1	1		1
475 Acute upper respiratory infection of multiple or unspecified sites		1	1		1
480 Influenza with pneumonia		2	2		2
481 Influenza with other respiratory manifestations and influenza unqualified	1		1		1
490 Lobar Pneumonia	8	5	13		13
491 Bronchopneumonia	16	6	18	4	22
492 Primary atypical pneumonia	1	1	1	1	2
493 Pneumonia, other and unspecified	1	1	1	1	2
500 Bronchitis - acute	1		1		1
501 Bronchitis - unqualified	1		1		1
502.1 Chronic Bronchitis, other,	1			1	1
517 Other diseases of upper respiratory tract	2		1	1	2
521 Abscess of lung	1			1	1
522 Pulmonary congestion and hypostasis		1	1		1
525 Other chronic interstitial pneumonia	1		1		1
526 Bronchiectasis		2	2		2
527.1 Other diseases of lung and pleural cavity, emphysema without mention of bronchitis	6		4	2	6
	626	10	849	187	1036

City and State		Year		Age		Sex		Race		Occupation		Education		Marital Status		Religion		Political Party		Social Class		Income		Assets		Liabilities		Net Worth		Total	
New York		1920		20-30		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		30-40		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		40-50		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		50-60		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		60-70		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		70-80		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		80-90		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		90-100		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		100-110		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		110-120		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		120-130		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		130-140		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		140-150		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		150-160		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		160-170		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		170-180		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		180-190		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		190-200		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		200-210		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		210-220		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		220-230		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		230-240		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		240-250		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		250-260		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		260-270		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		270-280		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		280-290		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		290-300		Female		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	
New York		1920		300-310		Male		White		Professional		College		Married		Catholic		Republican		Upper		\$10,000		\$5,000		\$5,000		\$15,000		1	

	M	F	City	Out	Totals
	626	410	849	1187	1036
527.2 Other diseases of lung and pleural cavity; other,	2	1	2	1	3
539.1 Diseases of esophagus, other,	1		1		1
540 Ulcer of stomach, without mention of perforation	2	3	5		5
541 Ulcer of duodenum, without mention of perforation	5	1	5	1	6
541 Ulcer of duodenum, with perforation	1	1	2		2
550 Acute appendicitis, without mention of peritonitis	2		2		2
553 Other diseases of appendicitis		1		1	1
561 Hernia of abdominal cavity with obstruction, femoral	1		1		1
570.2 Intestinal obstruction without mention of hernia, Mesenteric infarction	1		1		1
570.3 Intestinal obstruction without mention of hernia, Volvulus		1	1		1
570.5 Intestinal obstruction without mention of hernia, Other	1	3	2	2	4
570 Gastro-enteritis and colitis, except ulcerative, between 4 weeks and 2 years	3	1	4		4
570.1 Gastro-enteritis and colitis, except ulcerative, two years and over		2	1	1	2
572.Chronic enteritis and ulcerative colitis, regional enteritis		1	1		1
572.1 Chronic enteritis and ulcerative colitis, diverticulitis	1	4	3	2	5
572.2 Chronic enteritis and ulcerative colitis, ulcerative colitis		1	1		1
576 Peritonitis	1		1		1
578 Other diseases of intestines and peritoneum	3	1	2	2	4
581 Cirrhosis of liver without mention of alcoholism	7	3	8	2	10
581.1 " " with mention of alcoholism	1			1	1
584 Cholelithiasis		2	1	1	2
585 " " without mention of calculi	1	2	3		3
586 Other diseases of gallbladder and biliary ducts	1	1	2		2
587 Diseases of pancreas - acute pancreatitis	1			1	1
591 Nephritis with odema, including nephrosis		1		1	1
592 Chronic nephritis	6	2	3	5	8
593 Nephritis, not specified as acute or chronic		2	2		2
594 Other renal sclerosis	1		1		1
600 Infection of kidney, abscess of kidney and perirenal tissue	2		2		2
	1			1	1
602 Calculi of kidney and ureter	2		2		2
605 Cystitis		1	1		1
610 Hyperplasia of prostate	15		7	8	15
611 Prostatitis	1		1		1
626 Diseases of parametrium and pelvic peritoneum (female)		1	1		1
633 Other diseases of uterus		1		1	1
643.2 Toxaemias of pregnancy; eclampsia of pregnancy		2	2		2
651 Abortion with sepsis		1		1	1
722 Rheumatoid arthritis and allied conditions, rheumatoid arthritis		2	1	1	2
722.1 Rheumatoid arthritis and allied conditions, spondylitis and anklopoietica					-
744.2 Other diseases of muscle, tendon and fascia	2		2		2
750 Monstrosity		2	2		2
751 Spina bifida and meningocele		1	1		1
752 Congenital hydrocephalus	2		2		2

forward

693 455 928 220 1148

	M	F	City	Out	Totals
	693	455	928	220	1148
754 Congenital malformations of the circulatory system	1	1	2		2
754.2 " " " interauricular septal defect	1		1		1
754.4 " " " other and unspecified malformations of heart	5	4	3	6	9
754.6 Congenital malformations of the circulatory system other circulatory malformations	1			1	1
756.1 Congenital malformations of digestive system, imperforate anus		1		1	1
756.2 Congenital malformations of digestive system, other	2	1	1	2	3
757.1 Congenital malformations of genito-ur system, polycystitis of kidney	2		2		2
757.3 Congenital malformations of genito-ur system, other	1	1	2		2
759.3 Other and unspecified malformations not elsewhere classified and other unspecified	1	2	2	1	3
760 Intercranial and spinal injury at birth, without mention of immaturity	4	2	2	4	6
760.5 " " with immaturity	1			1	1
761. Other birth injury without mention of immaturity	1		1		1
762 Postnatal asphyxia and atelectasis without mention of immaturity	5	4	7	2	9
762.5 " " with immaturity	1		1		1
763 Pneumonia of newborn without mention of immaturity		1	1		1
764 Diarrhoea of newborn; without mention of immaturity	1	1	2		2
770 Hemolytic disease of newborn; erythroblastosis without mention of nervous affection or immaturity	2	1	3		3
771 Hemorrhagic disease of newborn without mention of immaturity	3	1	4		4
772 Nutritional maladjustment without mention of immaturity	2		2		2
774 Immaturity with mention of any other subsidiary condition	24	18	36	6	42
776 Immaturity, unqualified	5	4	8	1	9
782.4 Symptoms referable to cardiovascular and lymphatic system, acute heart failure undefined	7	4	8	3	11
782.6 Symptoms referable to cardiovascular and lymphatic system, edema and dropsy (not of newborn)		1	1		1
784.2 Symptoms referable to gastrointestinal tract, pylorospasm	1			1	1
785.2 Symptoms referable to abdomen and lower gastrointestinal tract; jaundice		1		1	1
794 Senility without mention of psychosis	28	29	45	12	57
795.5 Ill-defined and unknown causes or morbidity and mortality, unknown and unspecified causes	3	6	9		9
E800 Railway accidents involving railroad employees	1			1	1
E802 Railroad accident involving unspecified person	1			1	1
E811 Motor Vehicle accident involving collision with street car		1	1		1
E812 Motor vehicle traffic accident to pedestrian	6	2	8		8
E813 Motor vehicle traffic accident to pedal cyclist	1		1		1
E815 Motor vehicle traffic accident to rider or passenger of motorcycle in collision with other motor vehicle	1			1	1
E831 Motor vehicle non-traffic accident to pedal cyclist	1		1		1
E888 Accidental poisoning by other and unspecified solid and liquid substances		1		1	1
E891 Accidental poisoning by motor vehicle exhaust gas		1	1		1
	806	543	1083	266	1349

	M	F	City	Out	Totals
	806	543	1083	266	1349
E900 Fall on stairs	4	1	5		5
E902 Other falls from one level to another	3		2	1	3
E903 Fall on same level	6	4	6	4	10
E910 Blow from falling object	1			1	1
E912 Accident caused by machinery	2		1	1	2
E916 Accident caused by fire and explosion of combustible material		2	1	1	2
E917 Accident caused by hot substance, corrosive liquid, and steam	1		1		1
E919 Accident caused by firearm	1		1		1
E921 Inhalation and ingestion of food causing obstruction or suffocation	2	4	4	2	6
E925 Accidental mechanical suffocation in other and unspecified circumstances	1		1		1
E929 Accidental drowning and submersion	6		4	2	6
E936 Other and unspecified accidents	2		2		2
E971 Suicide and self-inflicted poisoning by analgesic and saporific substances		1	1		1
E975 Suicide by self-inflicted injury by submersion (drowning)	1		1		1
E976 Suicide and self-inflicted injury by firearms and explosives	3		3		3
E978 Suicide and self-inflicted injury by jumping from high places	1			1	1
	840	555	1116	279	1395

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 Division of Public Health Inspection for the year 1952 and is submitted for your information.

GENERAL INSPECTION

The problems confronting the Inspectors are many and varied. Each Inspector is responsible from a public health viewpoint for the proper supervision of all types of businesses in his district. A thorough knowledge of the Provincial Public Health Regulations and City By-laws is essential. He is often called upon to offer advice and instruction with regard to proper public health procedure. The Inspectors have met every challenge that has been offered and a very nice improvement is noted in public eating places and sleeping quarters. It is also gratifying for me to report that the Inspectors have never hesitated to go out when night investigations were found necessary.

The following table gives details of the work for the year.

	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Totals
Inspections made	1800	1479	1542	1508	1340	1525	2660	1365	1424	1484	1383	1571	19,081
Notices issued													
- written	6	23	19	14	9	25	13	20	11	18	15	11	192
- verbal	361	288	305	380	320	307	472	391	323	392	255	233	4,027
Complaints received	67	51	79	112	80	74	113	177	92	87	51	40	1,023
Complaints justified	49	43	71	103	72	62	99	152	77	69	36	28	861
Prosecutions	-	-	-	-	1	-	-	-	-	-	-	1	2
Bacteria tests of utensils	-	-	-	24	96	96	48	48	48	-	-	48	408
Totals	2283	1884	2016	2141	1918	2089	3405	2161	1975	2050	1740	1932	25,594

QUARANTINE

The investigations made by the Quarantine Officer have increased by several hundred calls over the previous year. In addition, he has been responsible for Public Health inspections in the outlying areas of east Calgary.

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

	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Totals
Houses quarantined	123	79	112	94	13	53	57	86	59	31	16	39	762
Houses released from quarantine	127	73	111	99	63	51	53	83	68	47	15	36	826
Patients moved to hospital	114	73	109	72	69	48	53	88	56	38	24	51	795
Other calls made	127	81	83	111	-	143	492	155	154	47	173	98	1,664
Totals	491	306	415	376	145	295	655	412	337	163	228	224	4,047

FOOD INSPECTION

The inspector detailed to this work has had a busy year. In addition to the regular checking of foodstuffs in all types of food establishments, he has discussed plans and specifications with contractors and others who have built new buildings or established premises for the storing, handling or sale of food. His advice has been of great assistance on many occasions, and we have received expressions of appreciation for his good work.

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

Food condemned

140 lbs. potato chips
37 " hamburger

20 lbs. fruit
23 " turkey

MEAT INSPECTION

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

	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Totals
SUBMITTED													
Beef	306	256	299	323	350	324	351	287	281	292	308	332	3,709
Veal	243	182	200	163	147	125	148	190	227	284	214	257	2,380
Hogs	170	145	95	92	96	131	118	81	93	92	111	127	1,351
Sheep and lamb	20	49	58	69	67	97	112	63	85	15	26	1	662
Totals	739	632	652	647	660	677	729	621	686	683	659	717	8,102

Cont'd.

	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Totals
CONDEMNED													
Beef	1	2	2	-	-	$\frac{1}{2}$	-	-	-	-	-	$1\frac{1}{2}$	$6\frac{3}{4}$
Veal	1	-	-	-	$\frac{1}{4}$	$1\frac{1}{2}$	-	1	-	1	2	1	$7\frac{1}{2}$
Hogs	$\frac{1}{2}$	-	$1\frac{1}{2}$	$\frac{1}{4}$	-	3	$\frac{1}{2}$	$2\frac{1}{2}$	-	-	$\frac{1}{4}$	-	8
Sheep and lamb	-	8	$\frac{3}{4}$	$\frac{3}{4}$	-	1	-	-	-	-	-	-	$13\frac{1}{2}$
Totals	$2\frac{1}{2}$	10	$\frac{3}{4}$	7	$\frac{1}{4}$	$\frac{1}{4}$	$5\frac{1}{2}$	$\frac{1}{2}$	$3\frac{1}{2}$	-	1	$2\frac{1}{4}$	$35\frac{3}{4}$
PORTIONS CONDEMNED													
Beef heads & tongues	9	22	8	4	10	6	2	11	13	14	17	25	141
Beef hearts	1	3	3	10	8	2	4	8	3	2	9	9	62
Beef livers	45	38	46	67	42	44	40	24	29	27	28	41	471
Veal heads & tongues	3	2	4	2	-	2	3	1	1	8	2	14	42
Veal hearts	-	-	-	-	2	-	2	-	-	-	-	2	6
Veal livers	-	1	9	10	13	5	7	-	2	8	6	12	73
Hog heads and tongues	13	16	9	9	4	9	17	4	8	9	11	20	129
Hog hearts	10	6	1	7	13	13	9	4	5	4	6	2	80
Hog livers	11	10	6	16	19	27	19	20	22	7	15	17	189
Sheep livers	9	16	19	11	18	9	9	19	13	-	-	-	123
Sheep hearts	-	12	17	-	1	-	-	-	-	-	-	-	30
Totals	101	126	122	136	130	117	112	91	96	79	94	142	1,346

MILK AND DAIRY INSPECTION

The Milk and Dairy Inspection branch has had an active year. As a result of the efforts of this department, one milk company moved into a completely new building and is now in a better position to supply a top quality product. Other companies have installed some new equipment, and the operators have demonstrated a willingness to co-operate with the Health Department in providing the citizens with a high quality milk supply.

A number of new milk producers have been accepted and the Dairy Farm Inspector has been kept busy supervising the milk shed. He has spent many evenings during the year giving lectures and demonstrations to producers in various sections of the country.

On behalf of the department, I would like to extend our appreciation to the following for their assistance and co-operation:

Model Dairies Ltd.
Palm Dairies Ltd.
Alpha Milk Co.
Union Milk Co.

Dr. D. Shute, Director, Provincial Laboratory, Southern Branch
Dr. H. C. Storey, Chief Inspector, Dominion Govt., Department
of Agriculture, Health of Animals Branch
Mr. J. B. Moore, Inspector, Milk Control, Public Utilities
Commission

A detailed report of the work follows.

Of the 4,471 methylene blue reductase tests applied to producers' milk samples, 66.2% were grade one, 15.5% were grade two and 18.3% were grade three.

Of the 4,490 sediment tests of producers' milk, 99.8% were good, .1% were fair and .1% were bad.

Sediment tests of 440 samples of retail milk were all good.

The phosphatase tests of 555 samples of pasteurized milk were all satisfactory.

Butterfat tests were applied to 552 samples of retail milk and cream and show the following average results for the year:

Standard milk	3.47%	Nursery Milk	3.45%
Jersey milk	4.53%	Homogenized milk	3.44%
Sub-standard cream	10.17%	Whipping cream	35.0%

According to information supplied by the Public Utility Commissioners for the Province of Alberta, who control the economic phase of the milk supply in the several cities of Alberta, the sales of milk and cream in Calgary were as follows:

Total sales of all fluid milk was	16,607,942 qts.
Total sales of all fluid cream was	1,509,208 "
No unpasteurized milk was sold in the City	
Average daily consumption of milk per capita was	0.71 pints
Average daily consumption of cream " "	0.0064 "

At this time I wish to express my appreciation to the Public Health Inspectors and to the secretarial staff for the efficient manner in which their duties were performed.

On behalf of all the Inspectors I would offer our sincere thanks for the guidance you have given us throughout the year.

Respectfully submitted,

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

Chief Inspector

On behalf of the Government, I would like to express my
appreciation to the following for their assistance and cooperation.

Mr. J. Edgar Hoover
Mr. E. A. Tamm
Mr. Clegg
Mr. Glavin
Mr. Ladd
Mr. Nichols
Mr. Rosen
Mr. Tracy
Mr. Carson
Mr. Coffey
Mr. Hendon
Mr. Pennington
Mr. Quinn
Mr. Nease
Mr. Gurnea
Mr. Harbo
Mr. Mohr
Mr. Winterrowd
Mr. Tele. Room
Mr. Holloman
Miss Gandy

Mr. J. Edgar Hoover
Mr. E. A. Tamm
Mr. Clegg
Mr. Glavin
Mr. Ladd
Mr. Nichols
Mr. Rosen
Mr. Tracy
Mr. Carson
Mr. Coffey
Mr. Hendon
Mr. Pennington
Mr. Quinn
Mr. Nease
Mr. Gurnea
Mr. Harbo
Mr. Mohr
Mr. Winterrowd
Mr. Tele. Room
Mr. Holloman
Miss Gandy

A detailed report of the work done during the year 1934 is being prepared.

On the 4th of January, 1935, the following report was submitted to the President:

On the 4th of January, 1935, the following report was submitted to the President:

The following report of the work done during the year 1934 is being prepared.

The following report of the work done during the year 1934 is being prepared.

Butterfield's report was submitted to the President on the 4th of January, 1935.

Item	Amount
Butterfield's report	\$100.00
Butterfield's report	\$100.00
Butterfield's report	\$100.00

According to the information furnished by the British Ministry of
Agriculture, the total number of sheep in the United Kingdom in 1934 was
the same as in the previous year, 1933, the total number being 24,000,000.

Total number of all sheep in the United Kingdom in 1934 was 24,000,000.

It is also noted that the number of sheep in the United Kingdom in 1934 was the same as in the previous year, 1933, the total number being 24,000,000.

On behalf of all the inspectors I would express my sincere thanks for the assistance you have given me throughout the year.

Respectfully,
J. Edgar Hoover

J. Edgar Hoover, Director

MILK AND DAIRY INSPECTION

24.

	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Totals
Inspections in country	63	70	53	68	92	30	12	79	93	83	64	68	775
Inspections in City	62	60	61	81	98	95	89	33	84	89	91	78	921
Complaints received	1	0	1	3	1	2	1	0	2	2	1	1	15
Complaints justified	1	0	1	1	1	1	1	0	1	2	0	1	10
Notices issued - written	60	411	45	146	156	134	6	12	105	96	60	52	1,283
Notices issued - verbal	28	20	19	19	35	46	8	20	35	10	22	16	278
Licenses suspended	0	0	2	1	3	8	0	0	0	9	5	4	32
Permits issued to:													
dairymen	294	4	2	2	11	6	0	3	4	5	0	0	331
milk vendors	0	0	0	0	0	0	0	0	0	0	0	0	0
cowkeepers	24	0	0	0	0	0	0	0	0	0	0	0	24
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	259	471	543	552	546	420	0	0	563	610	303	223	4,490
" reductase tests	259	471	543	552	546	411	0	0	563	552	303	271	4,471
" microscopic "	2	3	4	3	2	1	0	0	4	1	2	2	24
" samples	520	945	1090	1107	1094	823	0	0	1126	1162	608	564	9,039
Milk condemned, lbs.	64	200	0	0	80	160	0	80	150	270	240	80	1,324
Milk cans " no.	0	0	2	0	2	1	0	0	2	2	2	3	14
Retailers sediment test	40	40	40	20	40	40	40	20	40	40	40	40	440
" specific gravity "	40	40	40	40	40	40	40	20	40	40	40	40	460
" butter fat Tests	48	48	48	48	48	48	48	24	48	48	48	48	552
" phosphatase "	51	48	48	48	48	48	48	24	48	48	48	48	555
" samples	51	97	88	106	96	97	96	30	102	96	96	96	1,051
E.Coli plate count "	55	52	54	58	48	49	48	6	54	54	44	48	570
Total milk and cream samples	324	980	1178	1212	1190	920	96	30	1228	1216	700	660	10,034
Water samples taken	1	0	1	1	1	1	1	5	4	5	0	0	20

THE NEW YORK PUBLIC LIBRARY

THE NEW YORK PUBLIC LIBRARY										THE NEW YORK PUBLIC LIBRARY									
1	2	3	4	5	6	7	8	9	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

REPORT ON CHILD HYGIENE CLINICS
(Infant and Pre-School)
Calgary, Alberta
For the year 1952

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 1952.

Attendance: Infants 8,579 Pre-School 3,393 Total 11,972

(an increase of 438 over that of last year)

126 cases were from outside the City. These do not have the services of the doctors.

New cases: Infants 1,883 Pre-School 861 Total 2,744

Auxiliary Clinics:	Attendance at North Hill Clinic	734
	Attendance at Killarney Clinic	883
	Attendance at Currie Barracks	653
	Attendance at Maude Riley Home (started in November)	<u>63</u>
	Total	<u>2,333</u>

(all figures included in main report)

Present enrollment Infants 3,335
 at all City Clinics: Pre-School 8,354 Total 11,689

Number interviewed by doctors 3,218

Of 1,507 complete physical examinations in the 3 - 4 age group,
 1,071 were found to be O.K. 691 missed appointments

Number interviewed by nurses 8,754

Visits:	to homes	8,760	
	Insulin investigations	15	
	Pre-natal visits referred to V.O.N.	38	
	Other visits	<u>92</u>	8,905

Feedings: Breast 1,187 Bottle 3,775 Other 3,617

Defects:	Skin	228	Orthopedic	108
	Chest	195	Hernia	148
	Eyes	165	Intestinal	97
	Ears	91	Congenital malforma-	
	Nose & Throat	47	tion	7
	Tonsils & Adenoids	393	Mental Deficiency	5
	Phimosis	94	Nutritional	10
			Rickets	4

REPORT ON THE
PHYSICAL EXAMINATIONS
OF THE
SCHOOL CHILDREN
IN
ALBERTA
FOR THE YEAR
1922

M. R. MILL, M.D., F.R.C.P., F.R.S.,
Medical Officer of Health,
Calgary, Alberta.

Part IV. Girls.

I herewith submit the report of the Physical Examinations
for 1922.

Attendance: Infants 6,779 Pre-School 2,309 Total 9,088

(An increase of 433 over that of last year)
128 cases were from outside the City. These do not have the services
of the doctor.

New cases: Infants 1,187 Pre-School 681 Total 1,868

Attendance at North West Clinic	740
Attendance at St. Mary's Clinic	889
Attendance at St. John's Hospital	819
Attendance at North West Clinic (started in November)	21
Total	2,329

(All figures included in main report)

Present enrollment: Infants 2,309
at all City Clinics: Pre-School 2,309 Total 4,618

Number interviewed by doctors 3,818

Of 1,867 complete physical examinations in the 7 - 14 age group,
1,071 were found to be O.K. 796 stated appointments

Number interviewed by nurses 6,774

Infants interviewed	6,774
Infants interviewed referred to V.O.R.	14
Other visits	28
Total	6,816

Prevalence: Infants 1,187 Pre-School 2,309 Total 3,496

Defects:			
Skin	228	Orthopedic	108
Heart	192	Neurotic	145
Lungs	165	Psychiatric	97
Eyes	92	Chronic diseases	14
Stomach & Intestines	47	Other	7
Genitals & Abdomen	77	Neural Pathology	5
Endocrine	96	Nutritional	10
		Others	4

Infectious Diseases
found at clinics:

Whooping Cough	7
Measles	1
Scarlet Fever	1
Rubella	1

55 of the above cases were referred to private physicians.
There have been 8 deaths

Dental

Clinics:

Dr. Duncan treated	927	117 missed appointments
Dr. Heimbürger "	1,149	87 " "

Eye, Ear,
Nose & Throat:

No. of Tonsils and Adenoids operations	49
No. of eye treatments	522
No. of refractions for glasses	44
No. of ear treatments	242
No. of nose and throat treatments	142
No. of individual cases treated	252

Students:

From Calgary General Hospital:	10 for 1 month each
	57 for $\frac{1}{2}$ day each
University Hospital:	4 for $\frac{1}{2}$ day each
Holy Cross Hospital:	2 for $\frac{1}{2}$ day each
R.C.A.M.C.:	1 for 1 week
Nursing Aides School	212 for $\frac{1}{2}$ day each
Voluntary Workers	38 for $\frac{1}{2}$ day each

Letters:

8,617 have been forwarded in connection with clinic work.

Staff:

In June, Margaret Sproule resigned to be married and
Constance Jacobsen, B.N., D.P.H.N., was taken on the staff.

Donations:

We are indebted to the Good Cheer Club for clothing and
other supplies. The Hounsfield Heights Club for a generous
supply of quilts. Various firms for Cod Liver Oil and
other infant food products.

Respectfully yours,

M. F. LAVELL,
Nurse-in-Charge,
Child Hygiene Clinics.

Information furnished
to the following:

Mr. J. H. ...
Mr. ...
Mr. ...
Mr. ...

It is the policy of the ...
to have ...

General
Director

Mr. ...
Mr. ...

Mr. ...
Mr. ...

No. of ...
No. of ...
No. of ...
No. of ...
No. of ...
No. of ...

Student

From ...
To ...

University ...

State ...

1 for 1 week

215 for 1 day each

30 for 1 day each

Letter

6,000 have been furnished in connection with ...

Reply

In June, ...
... was ...

Investigation

...
...
...
...
...

Investigation

Mr. ...

Mr. ...

Mr. ...

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 1952 and is presented for your information.

During the school year a total of 6,638 children received a full medical examination designed to assess their health state. This figure shows an increase of 928 over the previous year. The total enrollment of school children under the Calgary School Board and the Calgary Separate School Board is approximately 22,000. 30% of the enrolled pupils were examined during the school year. These periodic medical examinations have a very definite health educational value in addition to the mere search for defects for observation or treatment. In order that the family may get the maximum benefit from such an examination, it is important for a parent to be present. The parent is afforded the opportunity of asking questions about the child's health and receiving advice first hand. In this way there is more certainty that such advice will be put to beneficial use. Invitations to attend the medical examination were extended to 4,389 parents in grades other than High School. Attendance at the examination, particularly in the lower grades, is very encouraging. A total of 2,834 parents attended, or 65%. This figure does not differ from the previous year. 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 physical 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.

At the time of the medical examination the immunization state of the child is reviewed. A total of 1,706 children had never received a primary vaccination. This represents 25.7% of those examined and represents a reduction over the previous year of 5.8%. Some 514 children had overrun the period of 7 years considered advisable for revaccination. Inoculation against diphtheria is generally well accepted by the public. However, on checking this protective state, 1,008 or 15.2% had never been immunized. This figure indicates a slight improvement in that noted in the two previous years. In addition, 759 children were found who had received the initial protection but were in need for a reinforcing dose. In view of the rapidly expanding size of the City, it has become more difficult for parents to arrange to take their children down to the Health Department Inoculation Clinic and avail themselves of the daily services offered. Instead, the policy has been inaugurated of taking the Inoculation Clinic to the school. The nurses have been engaged in a program of reviewing the medical history sheets, compiling rolls of those with outdated inoculations and preparing consent cards to be taken home by the child for completion. These are collected in due course and the school nurse, assisted by a member of the Inoculation Clinic staff, 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 natural apprehension so often apparent when individually taken along for an inoculation.

During the year 3,679 children were vaccinated which is double the figure achieved the previous year. 3,090 inoculations against diphtheria were given, an increase of some 800 over the previous year. 951 children received a completed anti-diphtheria series, more than double the year before.

V. H. Hill, Esq.,
National Office of Health,
Calgary, Alberta.

Dear Sir:

The following report sets out the work accomplished by the School Health Division in the 1953-54 school year and is presented for your information.

During the school year a total of 4,375 children received a full medical examination designed to detect health defects. This figure shows an increase of 258 over the previous year. The total number of children under the Calgary School Board and the Calgary Regional Board is approximately 25,000. 50% of the eligible pupils were examined during the school year. These periodic medical examinations were a very valuable health educational value in addition to the more direct measures for education or treatment. It is important that the family may not be aware of a child's condition until it is important for a parent to be present. The parent is afforded the opportunity of asking questions about the child's health and receiving advice from the doctor. In this way there is more contact and advice will be put to beneficial use. Examinations in other than high school examinations were extended to 4,375 parents in grade other than high school. Attendance at the examination, particularly in the lower grades, is very satisfactory. A total of 2,875 parents attended, an 8% increase over the previous year. 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 physical defects noted are reported on a special report form and other details in the parent's home by letter or with the child, according to circumstances.

At the time of the medical examination the immunization status of the child is reviewed. A total of 1,795 children had never received a primary vaccination. This represents 15% of those examined and represents a reduction over the previous year of 1,815. Some 215 children had received the period of 7 years vaccination schedule for vaccination. Immunization against diphtheria is generally well accepted by the public. However, on checking this schedule, 1,000 or 10% had never been vaccinated. This figure indicates a slight improvement in the noted in the same previous year. In addition, 735 children were found who had received the diphtheria vaccination but were in need for a booster dose. In view of the rapidly expanding area of the city, it has become more difficult for parents to ensure that their children have the Health Department Immunization Clinic and visit immunization of the child. Another effort, however, the parent has been requested to bring the immunization clinic to the school. The more a child has been in a program of receiving the medical history sheets, compiling lists of those with noted immunizations and reporting parents to be taken into the child for consultation. These are explained in the homes and the school where needed by members of the Immunization Clinic staff. There is immunization clinic in the school which inspects rooms. It is found that many children in groups in this way have a list of school records which are also reported when necessary taken along for an inspection.

During the year 3,475 children were vaccinated with the diphtheria and tetanus vaccine. A total of 1,000 children were vaccinated with the diphtheria and tetanus vaccine.

From the results of the medical examination, each child has been placed in 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 5,688 or 85.6% were considered to satisfy the standard for an A. grading; 856 or 13% were felt warranted a B. grade; and 85 or 1.3% had a C. rating. These figures follow closely those noted previously.

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

<u>Defects</u>	<u>Number</u>	<u>Percentage of total examined</u>
Anaemia	46	.7
Cardiac	75	1.1
Pulmonary	59	.9
Abdominal	10	.2
Hernia	14	.2
Genitalia	11	.2
Orthopaedic	89	1.3
Feet	756	11.4
Nervous System	42	.6
Tonsils & Adenoids	491	7.4
Eyes	315	4.7
Ears	54	.8
Endocrine	19	.3
Dental	1097	16.5
Others	186	2.8

From these medical examinations, 640 pupils or 9.6% 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 thank the private physicians for the information furnished on referral slips, completed on behalf of their patients. This information is recorded on the child's medical history sheet and serves to produce a cumulative health record. Dental caries, questionable tonsils and defective vision account for the greater number of referrals 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 conditions which would otherwise never be seen by a doctor have access to immediate advice. It is felt that in providing this special service many of the hit and miss or household remedies in treatment are eliminated with a consequent saving in time lost from school. Many parents bring their children to these afternoon sessions without prior referral by a nurse. 1,358 children were seen at these afternoon sessions, with 120 being referred to the private physicians for treatment.

It is believed that Calgary is the only centre in the Province that provides this form of service for school children.

I should like to draw to your notice the vast amount of work performed by the school nurses during the year. With the rapidly increasing school population within the city boundaries, their work in keeping a check on their schools tends to increase. The personal interest taken in each child certainly earns for each nurse the title of the children's friend.

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

Interviews of admission following illness	365	Exclusions from school:	
Communicable diseases:		Suspected communicable disease	69
Measles	203	Ringworm	34
Scarlet Fever	286	Scabies	32
Whooping Cough	119	Impetigo	223
German Measles	22	Other reasons	750
Mumps	56	First aid treatments in school	6,256
Chickenpox	409	Phone calls and notes	9,147
Defects:		Dental appointments made	4,190
Vision	1,866	Conferences:	
Hearing	54	with pupils	30,683
Suspected unhealthy tonsils and adenoids	274	with parents re pupils	2,035
Others	1,315	with teachers "	6,941
Class health talks given	446	with other agencies "	409
Meetings addressed	52	Referred to the medical examiners	1,991
Home visits	1,935	Medical examinations assisted at	6,638
		Vision tests	19,077
		Pupils weighed, measured and interviewed	19,042

The most noteworthy communicable disease in the district during the year was Poliomyelitis. A total of 144 cases was reported within the city boundaries. The first reported case was on May 19th. This remained the only case for a period of five weeks. It was not until the latter part of the month of July that it became apparent the disease was assuming local epidemic proportions. It was considered necessary to impose certain bans within the city, such as closing swimming pools and excluding children from unnecessary gatherings such as the cinema. School opening scheduled for 2 September was delayed for a period of three weeks until a definite downward trend in the disease was evident. Schools re-opened on September 22, 1952. There was a reluctance on the part of some parents to send their children to school for about a week following the opening but this prejudice soon disappeared. 144 notified cases of Poliomyelitis from within the city boundaries gives an incidence rate of 11.08 per 10,000 of population, which is the highest in the history of the City. A breakdown of age incidence was as follows:

Age	Cases
0 - 5 yrs.	52
6 - 10	32
11 - 20	25
21 - 30	24
31 - 40	11
41 - upwards	0
Total	144

It must be pointed out that the incidence of the disease was actually much higher than these figures show. A sizable proportion having sustained an abortive attack of the disease and mild infections which escaped diagnosis.

As in former years there were several staff changes. Dr. Robert Woolstencroft resigned his part time appointment as one of the examining physicians due to stress of work in his private practice. His position was filled by Dr. George Morrison who commenced work in October.

The school nursing staff was further increased from fourteen to fifteen nurses. This was occasioned by the opening of new schools and classrooms to meet the increasing school enrollment. Two of the nurses who had been with the department for a great number of years retired. To Miss N. Gunn and Miss M. Hayden we say a most sincere, "Thank You" for the splendid work done during the years for the school children of Calgary. To these two grand ladies we wish the very best of health and happiness in their leisure years. Mrs. N. Kuzyk resigned from the department following the transfer of her husband to another city.

We were pleased to welcome to the staff the following new nurses: Miss M. Carty, who is engaged in the supervision of the schools administered by the Separate School Board, Miss R. Nixon, Miss M. Rhynes and Miss J. Wilson to work in schools of the Calgary School Board.

The following table shows corrective treatments which have been done on school children by their family physicians during the period September 1, 1951 to June 30, 1952:

Operations:			
Tonsils and Adenoids	429	Skin lesions	246
Appendectomies	172	Anaemia	191
Hernia	17	Nutritional disturbances	76
Others	26	Cardiac conditions	50
Fractures or injuries	336	Emotional & behaviour problems	91
Orthopaedic conditions	73	Miscellaneous	89
Refractions	1,138		
Other eye conditions	101		
Ear conditions	157	Total	3,192

The vitamin supplement tablets were again made available during the year to parents at cost. These tablets are easily swallowed and are undoubtedly a most economical way of presenting the vitamins to school children.

An average of 304 half-pints of milk were supplied free on each school day between January and June to children who appeared to be in need of extra nourishment. The cost to the department amounted to \$2,579.63.

Glasses were supplied free to 33 school children who were in need of them. In each case the economic circumstances of the family were carefully checked before the charge was made to the City. The total cost of this item amounted to \$189.94.

The department wishes to express sincere thanks to the following ophthalmologists who have so kindly consented to see certain children in regard to eye conditions where family circumstances precluded such private consultations. Dr. M.S. Miller, Dr. L.C. Cody, Dr. A.E. Shore, Dr. E.A. Johnson, Dr. R. Berry, Dr. D. Gorrell and Dr. W. Spankie attended these selected patients without charge. Where glasses were advised, these were supplied by the City.

Pre-School and School Dental Service

During the year under review a major change in the policy of the School Dental Service came into operation. Previously the Dental Clinic had been attempting to provide dental inspection and treatment for all school children in Grades I to VI, a number, including both School Boards, of over 13,000. Four full time dentists could not hope to cope with such a number and give adequate coverage. Instead of trying to keep pace with the occurrence of cavities in teeth, it was decided to attack the problem at its earliest incidence before multiple appointments were necessary. The Pre-School clinic service was increased by one full time dentist. Treating the children before going to school at a time when cavities are small and at a minimum should ensure that greater numbers of children will enter school with healthy mouths. Further, to concentrate on the Kindergarten and Grades I and II for treatment brings a number of pupils that can be more adequately covered by the available dentists. The emphasis is thus placed on preserving the baby molar teeth and the first permanent molars. Parents recognize the importance of having fillings in permanent teeth but many are loath to spend money on filling baby teeth that will be discarded by nature within a year or two. Adequate preservation of the baby teeth helps to determine the future shape of the adult mouth. If overcrowding of the permanent teeth can be prevented, the mouth becomes more self-cleansing and the caries rate declines.

Each child in Kindergarten, Grades I and II receives an inspection of the teeth. Any defects observed are recorded on a card and 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 treatment at the School Clinic. Appointments are made directly by the Dental Clinic on receipt of the signed card.

In Grades III and IV the children are inspected and a report sent home on the state of the mouth at that time. Where defects are found, these children will have to receive corrective treatment through the family dentist.

The inspections are performed by the dental hygienist on the staff. At this time she gives the class a talk on the fundamentals of oral hygiene. Little can be accomplished in regard to oral hygiene without the co-operation of the parents and they too are invited to be present to receive a similar talk. The Dental Clinic thus serves the two-fold purpose of education and treatment.

School Dental Clinic Statistics:

Total fillings:	6,621	appointments made	6,840
Permanent teeth	3,324	" kept	5,593
Deciduous teeth	3,297	Refused treatment	21
Total extractions:	2,571	Extras	284
Permanent teeth	109		
Deciduous teeth	2,462	Dental Inspections:	
Basics	5,406	Number inspected	8,690
Prophylaxis	103	Number needing treatment	6,669
X-rayed	195	Number O.K.	2,021
Total number of teeth treated	15,933		
Permanent	6,848		
Deciduous	9,085		

Mrs. J. Engman, the dental hygienist, delivered 276 classroom talks to children on how to care for their teeth. A total of 1,350 parents responded to the invitations to hear advice on how to supervise their children's dental routine. Talks were given to Home and School Association meetings and on two radio broadcasts.

Dental teaching units were prepared for the use of teachers for all grades from I to VI. These teaching units select pertinent information from posters, pamphlets, charts and articles on dental matters and can be used by the teacher during her health education class periods. Dental health films and film strips have been shown to many children and parents alike.

It will be observed that out of the 8,690 pupils inspected, only 2,021 did not require any form of treatment. This represents 23.3% of the total. It must be remembered too that the child with, say, only one small filling required is being shown in the counterpart of this percentage of 76.7%. Of the appointments made for this free dental service, only 82% were kept.

Dr. J.A. Duncan joined the staff of dentists in July 1952 and has been engaged in treating the Pre-School children. A room separate from the main clinic was opened up and equipped for treating all Pre-School children. A percentage of the cost of equipping this dental office was received from the Federal Health Grants with the Health Department making up the remainder.

The statistics for the last 6 months of 1952 for the Pre-School Clinic in the City Hall are as follows:

Total fillings	1,348	Appointments kept	908
Permanent teeth	14	" not kept	178
Deciduous teeth	1,334	Extra appointments	180
Total extractions	154		
Bases	178	New patients inspected	419
No. of teeth treated	1,488	No. needing treatment	339
Permanent teeth	11		
Deciduous teeth	1,477		

Dr. Simmonds who had been working in the Dental Clinic for a great number of years was forced to resign in February owing to ill health. Until Dr. Duncan's appointment in July, only three dentists were available to perform the work.

Respectfully submitted,

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

Mr. J. H. ... the
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Dr. J. H.

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Dr.

Respectfully

WILLIAM O.

REPORT OF INOCULATION CLINIC FOR 1952

	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Totals
Inoculations	889	920	1291	1169	871	682	517	333	369	509	608	610	8,768
Swabs taken						1							1
Vaccinations	195	276	570	490	403	117	57	35	66	70	72	57	2,408
Dick Tests	1		21			2	1	2				1	28
Schick Tests	31	29	26	26	30	22	19	11	33	37	45	10	319
Tuberculin Tests	16	56	39	16		8			30	35	5	1	206
Investigations made	19	18	20	10	13	16	10	8	4	16	10	15	159
Total visits made	121	98	111	101	135	126	121	103	99	103	85	88	1,291
First Aid Treatments given			3	1		1	1			1	2	2	11
Totals	1272	1397	2081	1813	1452	975	726	492	601	771	827	784	13,191

CALGARY TUBERCULOSIS ASSOCIATION

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

Dear Sir:

It is my pleasure to submit a report of the work done at the Chest Clinic for the year 1952. 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 48
 - (a) Number of patients examined 338
 - Adults 291
 - Children 47
 - (b) Number of new cases of Tuberculosis ... 13
 - Active 5
 - Inactive 8
- (2) Tuberculin Tests 1634
 - Positive 645
 - No reaction 989
 - (a) Number given in office 546
 - (b) Number given outside office 1088
- (3) Office Calls 1379
- (4) Home visits made 864
- (5) Miscellaneous calls 295

Assistance to Needy Families

During the year ten families have received clothing, food supplies and cod liver oil. At Christmas time thirteen families received food hampers, toys and gifts purchased for twenty-four children. At this date, eighteen families are receiving assistance with their milk supply.

The annual sale of Christmas Seals, operated by the Calgary Kinsmen's Club, has been completed and the sum of \$52,000.00 was realized therefrom.

I would like to say how fortunate we are to be located in the Public Health Department and to have your co-operation and advice so willingly and readily given at all times.

May I take this opportunity to thank you, Dr. Hill, and your staff for your great effort and work in the campaign against Tuberculosis.

Yours very truly,

OLIVE A. MARSHALL, R.N.

MEMORANDUM FOR THE RECORD

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

Dear Sir:

It is my pleasure to acknowledge the receipt of the report of the Committee on the Tuberculosis Survey for the year 1934. This report is a valuable contribution to the knowledge of the tuberculosis problem in the City of Calgary. It is particularly interesting to note the increase in the number of cases reported during the year 1934, and the fact that the majority of these cases are of the pulmonary type.

(1) Number of cases reported during the year 1934

(a) Number of patients reported

Calgary, Alberta, 1934
 Total number of cases reported

(b) Number of new cases reported

Calgary, Alberta, 1934
 Total number of new cases reported

(c) Tuberculin tests

Calgary, Alberta, 1934
 Total number of tuberculin tests performed

(d) Number given in office

(e) Number given outside office

(2) Other data

(a) House visits made

(b) Miscellaneous data

Assistance to Health Officer

During the year the families have received about 100 visits from the Health Officer and his staff. At the same time the families have received about 100 visits from the Health Officer and his staff. At the same time the families have received about 100 visits from the Health Officer and his staff.

The annual sale of Christmas Cards, organized by the Calgary Chapter of the Canadian Red Cross Society, has been completed and the sum of \$25,000.00 was realized therefrom.

I would like to say how fortunate we are to be located in the City of Calgary. The Health Department and its staff are very efficient and do their work in a most satisfactory manner. I am sure that the Health Department will continue to do its work in a most satisfactory manner.

May I take this opportunity to thank you, Mr. Hall, for your staff for your great effort and work in the campaign against tuberculosis.

Yours very truly,

CLARA A. HALL, M.D.

VICTORIAN ORDER OF NURSES

Calgary Branch

206 Oddfellow's Temple,
March 5th, 1953

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 1952, is submitted for your information.

....

In 1952 a Survey Commission conducted a survey of V.O.N. activities across Canada. The object is - quoting the Commission - "With a view to bringing about such changes in the constitution and by-laws and procedures of the V.O.N. as are necessary and desirable in conformity with the growth and constitution of Canada and the Provinces, with modern business practices, with professional advances, with Public Health needs and changes conducive to the efficiency, progress and development, and permanence of our Organization as a factor of Canadian life." The Commission visited Calgary last September and made off with our most innermost secrets.

At our Calgary Branch we have a good report showing progress and accomplishment. 1952 was not an easy year. January 1st a complete and drastic change was made in our recording and reporting system. Between April and July we had a complete change of staff, and relief nurses were employed during the change. Staff changes are frequent, but it has been shown by a survey that staff changes are less frequent in our Organization than in other branches of nursing service.

Statistics for 1952

Total patients	3,112	7% increase over 1951
Total visits	13,636	8% increase
Visits to medical,	7,687	25% increase
surgical and long-term illnesses		135 follow-up visits to this group
Maternity service for instruction and supervision	5,814	10% increase
Mothers visited on return from hospital	970	an increase over 1951
Newborn visited on return from hospital	990	" "

Pay Status App.

Fully paid visits	29%	\$1.75 per visit
Part paid	21%	
Free visits	5%	54% of visits were paid
Paid by insurance	4%	
Educational visits (non-chargeable)	40%	Fees from patients showed an increase of 33%

The conclusion to be drawn from these statistics is that, first of all our work is increasing. Secondly, visits to give nursing care in the home are increasing more each year - 25% more in 1952. These visits are frequently to give heavy nursing care, and are the time-consuming visits. Mothers and babies increased in numbers, but a decrease in visits to them and to expectant mothers in the home. Pre-natal instruction is an important part of the V.O.N. program. It is our contribution to the effort to reduce the infant mortality rate in Canada through education.

Free visits are made to patients who are unable to pay for care. Approximately all the visits in the 5% free group were made to 7 patients, visits 2 to 3 times weekly throughout the year. One patient received 100 visits, a girl now in her late thirties, crippled since the age of 16. An elderly father keeps the home and gives care in the nurse's absence. The total income is from two small pensions. 56 visits were made to an elderly patient to give injections of Liver Extract. Her medicine is expensive, she pays rent, light and gas, and lives on her pension. These visits are made regardless of ability to pay.

Pre-natal classes were held for seven months of the year. These were held in the conference room of the Hudson's Bay. 34 expectant mothers were enrolled with a total attendance of 296. These classes are popular and we hope to be able to hold them throughout 1953.

Fourteen undergraduate students from the Calgary General and Holy Cross Hospitals were each given two weeks' observation and visiting nursing experience with our Organization. Three students from the University of Alberta were given similar experience. Two out of the three were taken on our staff.

The nursing staff of 1952 consists of six nurses. With the increase in work, a seventh nurse was added in January of this year. A fifth car was added too in order to save valuable nursing time.

Mrs. W. C. Stirling retired as President of the V.O.N. Board. Mrs. P.G. Atkinson was appointed as President for 1953.

Respectfully submitted,

Helen Irving
Nurse in charge

The conclusion to be drawn from these statistics is that, first, of all our work is increasing. Secondly, visits to give nurses care in the home are increasing more each year - 257 more in 1952. These visits are frequently to give heavy nursing care, and are the time-consuming visits. Mothers and babies increased in number, but a decrease in visits to them and to expectant mothers in the home. Pre-natal instruction is an important part of the V.O.N. program. It is our contribution to the effort to reduce the infant mortality rate in Canada through education.

Three visits are made to patients who are unable to pay for care. Approximately all the visits in the 25 three group were made to V-patients. Visits 2 to 3 times weekly throughout the year. One patient received 120 visits, a girl boy in her late thirties, confined since the age of 18. An elderly father keeps the home and gives care in the nurse's absence. The total income is from two small pensions. 15 visits were made to an elderly patient to give injections of liver extract. Her condition is improving, she pays rent, light and gas, and lives on her pension. These visits are made regardless of ability to pay.

Pre-natal classes were held for seven months of the year. These were held in the conference room of the Hudson's Bay. 50 expectant mothers were enrolled with a total attendance of 1250. These classes are popular and we hope to be able to hold them throughout 1953.

Fourteen undergraduate students from the Calgary General and Holy Cross Hospitals were each given two weeks' observation and visiting during experience with our Organization. Three students from the University of Alberta were given similar experience. Two out of the three were taken on our staff.

The nursing staff of 1952 consists of six nurses. With the increase in work, a seventh nurse was added in January of this year. A fifth car was added too in order to save valuable nursing time.

Mrs. W. C. Stirling retired as President of the V.O.N. Board. Mrs. P. G. Atkinson was appointed as President for 1953.

Respectfully submitted,

John Irving
Nurse in Charge

FINANCIAL STATEMENTHEALTH DEPARTMENT (General)

	1952	1951
Salaries	\$59,204.18	\$48,733.89
Sera, Vaccine, etc.	366.97	174.23
Disinfectants	264.42	181.11
Laboratory Charges (paid to City Laboratory)	1,200.00	1,200.00
Auto Maintenance and Allowances	4,798.09	4,450.23
Sundries	903.15	1,620.63
Printing and Stationery	1,022.20	637.31
Postage (for the whole department)	434.29	609.05
Transit System Passes and Tickets	693.08	624.94
Isolation Ambulance Hire	332.00	180.50
Milk Inspection Expenses	685.73	867.87
Milk to Undernourished and Sickly Persons	2,117.41	1,746.97
Meat Inspection Expenses	33.87	63.65
Office Equipment	659.44	642.72
New Equipment (Automobile) Annual Payment	531.42	531.42
Radio Broadcasts	---	602.93
	<u>73,246.25</u>	<u>62,867.45</u>

SCHOOL MEDICAL AND DENTAL SERVICES

Salaries	86,065.09	71,528.77
Medical and Dental Supplies and Equipment	4,142.24	3,179.17
Glasses for Underprivileged School Children	189.94	298.64
Milk for Undernourished School Children	2,579.63	1,097.57
Transit System Passes and Tickets	1,042.75	776.95
Auto Maintenance and Allowances	2,006.14	1,620.61
Printing and Stationery	768.15	669.44
New Equipment (Automobile) Annual Payment	406.65	406.65
	<u>97,200.59</u>	<u>79,577.80</u>

INFANT AND PRE-SCHOOL CLINIC

Salaries	12,490.80	8,853.48
Transit System Passes and Tickets	159.60	209.10
Operations and Treatments (E.E.N & Throat and Dental)	3,743.26	3,974.92
Sundries	254.82	139.95
Auto Maintenance and Allowances	1,006.00	342.72
New Equipment (Automobile) Annual Payment	455.63	455.63
	<u>18,110.11</u>	<u>13,975.80</u>

SUMMARY

Health Department - General	73,246.25	62,867.45
School Medical and Dental Services	97,200.59	79,577.80
Infant and Pre-School Clinic	<u>18,110.11</u>	<u>13,975.80</u>
	<u>\$188,556.95</u>	<u>\$156,421.05</u>

Population (Dominion Govt Census of 1951)
Per capita Expenditure

129,060 129,060
146.1¢ 121.2¢

EXPENDITURE FOR PAST FIVE YEARS

	<u>1952</u>	<u>1951</u>	<u>1950</u>	<u>1949</u>	<u>1948</u>
Total	\$188,556.95	\$156,421.05	\$132,797.63	\$128,013.61	\$111,547.31
Per Capita	146.1¢	121.2¢	125.2¢	120.7¢	111.4¢
Appropriation for 1952 was \$192,902.50 Expended \$188,556.95					
Credit Balance for the year 1952 was \$4,345.55					
Estimated receipts from Federal and Provincial Grants	\$49,700.00				
Actually received " " " "	41,067.32				



CITY OF CALGARY

DEPARTMENT OF PUBLIC HEALTH

Annual Report for the Year 1952

LOCAL BOARD OF HEALTH OF THE CITY OF CALGARY

His Worship Mayor D. H. Mackay, Chairman.

A. W. Park, M.D. — 1953-5.

Mrs. N. Mowers — 1952-4.

Fred Kenny — 1952-3.

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

W. H. Hill, Medical Officer of Health, Ex-officio.

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

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

