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CITY OF CALGARY
DEPARTMENT OF PUBLIC HEALTH

Annual Report for the Year 1954

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Ladies and Gentlemen:

I beg herein to submit the annual report of the activities of the City's Health Department for the year 1954.

The population of the City as determined by Civic census of March 1954 was 156,748, and it is on the basis of this figure that the rates appearing in the several statistical tables are expressed. It has been the custom in the past to relate the City's statistical figures to the population as determined by Dominion Government census. It so happens, however, that ten years have elapsed between determinations, and in the intervening years the use of the Dominion figure has resulted in an expression of rates that cannot be considered correct. The use of the Civic census figures enables computation on a basis that is relatively in accord with the actual picture.

The number of marriages solemnized throughout the year was 2154, an increase of 62 over the figure reported for 1953. The rate in this regard, per thousand of population, is 13.7. Marriage rates during peace time years tend to something of constancy, although it is noted there is a decline from what was considered the norm of some years ago.

The gross number of births registered during the year was 6279, this figure including births to parents non resident in the City. The number of births to residents only, or the net figure, was 4943. The respective rates in this regard per thousand of population were 40.0 (gross) and 31.5 (net). Both the gross and the net figures show an increase over the reporting for 1953 due to the increase in the population figure, the rates being lower for the same reason. Included in the gross number of births (6279), are 346 illegitimate, an increase of 7 over the reporting for 1953. There were two sets of illegitimate twins.

The gross number of stillbirths registered during the year was 92, and the net number 73, with corresponding rates per thousand of population of 0.59 and 0.47. The gross number of deaths registered in the City during the year was 1458, with a corresponding rate per thousand of population of 9.3. The net or actual City rate was 7.6, represented by deaths amongst citizens only of 1188. Of the 1458 deaths recorded 614 resulted from diseases of the heart, 275 from cancer, 72 from violent and accidental causes, 22 from diabetes, and 18 from pneumonia. It is not thought necessary to make any further comment in respect to the numbers of deaths from heart disease and its associated conditions, or from cancer. Prior reports have given the prevailing thoughts regarding these two classifications. Deaths from violent and accidental causes are in the main inexcusable. Thoughtlessness, carelessness, aided by the many abuses are responsible for the increasing number of deaths from these causes each year.

The number of infant deaths registered throughout the year was 165, with a corresponding rate of 26.3 per thousand live births. It has been pointed out that infant deaths from prematurity, congenital debility, and injuries at birth present a problem that has defied solution thus far, and account each year for the larger percentage of infant deaths. Of the 165 infant deaths registered, 68 occurred within the first 24 hours, 49 within the first week, and 18 died under the age of one month, representing 81.8 per cent of the total.

The number of maternal deaths during the year was 3 with a corresponding rate of 0.48 per thousand live births. Of the 3 recorded, two of the mothers were non-city residents. The one City mother died of an undefined puerperal cause.

The total number of communicable diseases reported to this office throughout the year was 1865, with 27 deaths from causes as listed:

Chicken pox	1
Pneumonia	18
Poliomyelitis(paralytic)	3
Tuberculosis	5

During the latter few months of the year a wide epidemic of influenza occurred across Canada. Calgary shared in full quota the outbreak. A complication of influenza is pneumonia, and it is very surprising to note the comparatively low death figure from pneumonia, and the fact that no deaths were reported from influenza. In the annual report for 1953, a year that was not marked by as wide an outbreak of influenza as 1954, 45 deaths were reported from pneumonia and 3 from influenza.

In May of 1954 the Provinces of Canada were invited to take part in a test run of Poliomyelitis Vaccine for the purpose of making some determination of its efficiency as an immunizing agent against the disease. Earlier in the year an extensive test had been undertaken in the United States. Two of the Canadian Provinces availed themselves of the opportunity (Nova Scotia and Alberta), and in so far as this Province was concerned some 10,000 children constituted the test group. Co-operating in the test the City of Calgary was assigned sufficient immunizing media to inoculate 3000 children. Half this supply consisted of actual vaccine, and the other half a sterile inert control solution. It will follow that 1500 children received the vaccine, and 1500 the control solution. No knowledge was available to this Department as to which group received the vaccine, the key being held by the (U.S.) National Foundation for Infantile Paralysis in New York. The observations respecting the test will not be available until approximately mid-year of 1955.

During the year sub-clinics were established at the Killarney Evangelical Church, and in the Renfrew Community Hall. The attendance at all clinics continues to show marked increase. The problem of decentralizing the Health Department and its activities is a matter deserving of early consideration by the City.

There has been further increase in the amount of work undertaken for other Departments, notably for the Personnel Department and its Safety Division. Each year sees an increase in the number of medical examinations and other requirements respecting the Civic and Fireman's Pension Funds. This Department is indeed glad to be of every assistance in this regard.

Financial grants in aid of the Department's work, and received from both the Federal and Provincial Governments, amounted to $53,800.17. We are indebted to the two Senior Governments for the very generous contribution that has been theirs in enabling the progress and improvement in the work so evident since 1948.

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

His Worship the Mayor, the Commissioners, and Members of the City Council
Members of the Calgary Public and Separate School Boards
Superintendent and Staff of the Baker Memorial Sanatorium
Superintendent and Staff of the Provincial Mental Hygiene Division
Alberta and Calgary Tuberculosis Associations
Provincial Cancer Clinic
Calgary Kinsmen's Club
Metropolitan Life Insurance Co.
Victorian Order of Nurses
Calgary General Hospital Staff
Calgary Daily Press and Radio Broadcasting Stations.

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

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

Respectfully submitted,

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

ILLEGITIMATE BIRTHS 1954

Date	City	Out of Town	14	15	16	17	18	19	20-24	25-30	31 & over	1st child	2nd & over	Prev. Mge.	Totals
Jan	13	12	--	--	--	1	4	2	16	2	--	22	3	1	25
Feb	20	10	--	--	1	2	3	1	13	6	4	21	9	6	30
Mar	26	19	--	1	1	2	10	3	18	7	3	38	7	5	45
Apr	16	11	--	--	1	1	2	1	12	4	6	20	7	3	27
May	10	12	--	--	2	2	2	3	9	3	1	19	3	2	22
Jun	18	13	--	--	1	5	--	3	10	7	5	23	8	1	31
Jul	13	10	--	1	--	3	4	1	13	1	--	22	1	2	23
Aug	16	13	--	--	--	3	3	6	8	8	1	21	8	1	29
Sep	18	11	1	--	--	3	2	5	13	4	1	23	6	1	29
Oct	21	15	1	1	--	6	2	5	17	4	--	33	3	--	36
Nov	12	10	--	--	1	2	3	2	10	3	1	17	5	2	22
Dec	17	10	--	--	--	1	4	5	6	4	7	26	1	--	27
Total	200	146	2	3	7	31	39	37	145	53	29	285	61	24	346

2 sets of twins

24 previous marriage

Total births 6,279

Illegitimates 346 or 5.5 per cent

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

VITAL STATISTICS REPORT

Population as shown by civic census of March 1954 was 156,748

Live Births	6,279	Rate per 1,000 population	40.0
Stillbirths	92	Rate per 1,000 live births	14.7

Included in the above were 1,336 non-resident births and
19 non-resident stillbirths

TABLE No. 1

LIVE BIRTHS 1950 - 1954

Year	Population	No. including non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
1954	156,748	6,279	40.0	4,943	31.5
1953	129,060	5,799	44.9	4,531	35.1
1952	129,060	5,096	39.5	4,105	31.8
1951	129,060	4,608	35.7	3,710	28.7
1950	106,000	4,019	37.9	3,094	29.2

TABLE No. 2

STILLBIRTHS 1950 - 1954

Year	Population	No. including non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
1954	156,748	92	0.59	73	0.47
1953	129,060	86	0.66	71	0.55
1952	129,060	99	0.77	72	0.56
1951	129,060	82	0.64	64	0.5
1950	106,000	67	0.63	48	0.47

MARRIAGES

Number performed in 1954 was 2,154. Rate per 1,000 population 13.7

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

VITAL STATISTICS SUMMARY.

Population as shown by civic census of March 1954 was 156,748

Live Births	6,279	Rate per 1,000 population	40.0
Stillbirths	92	Rate per 1,000 live births	14.7

Included in the above were 1,245 non-resident births and 19 non-resident stillbirths

TABLE No. 1.

LIVE BIRTHS, 1950 - 1954

Year	Population	No. including non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
1954	156,748	6,279	40.0	4,649	34.5
1953	129,050	5,759	44.9	4,334	33.1
1952	129,000	5,096	39.5	4,105	31.8
1951	129,000	4,620	35.7	3,810	28.7
1950	126,000	4,039	32.5	3,494	29.2

TABLE No. 2.

STILLBIRTHS, 1950 - 1954

Year	Population	No. including non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
1954	156,748	92	0.59	72	0.47
1953	129,050	86	0.65	71	0.55
1952	129,000	69	0.57	72	0.55
1951	129,000	82	0.64	64	0.5
1950	126,000	67	0.53	66	0.47

MATERNITY

Number performed in 1954 was 2,154. Rate per 1,000 population 13.7

DEATHS

From all causes a total of 1,458 deaths were reported, being a rate of 9.3 per thousand population, including 270 deaths of non-residents.

TABLE No. 3

MORTALITY RATE (exclusive of stillbirths) 1950-1954

Year	No. deaths including non-residents	Rate per 1,000 population	No. residents only	Rate per 1,000 population
1954	1,458	9.3	1,188	7.6
1953	1,531	11.8	1,259	9.8
1952	1,395	10.8	1,118	8.67
1951	1,314	10.2	1,052	8.0
1950	1,308	12.3	1,048	9.9

TABLE No. 4

CHIEF CAUSES OF DEATHS, 1952, 1953 and 1954
(total number including non-residents)

Cause of death	Number of deaths			Rate per 100,000		
	1954	1953	1952	1954	1953	1952
Diseases of the heart, arteries and kidneys, including apoplexy	614	662	588	391.7	512.9	455.6
Cancer - all forms	275	261	239	175.4	202.2	185.2
Pneumonia	18	40	39	11.5	31.0	30.2
Violent and accidental deaths	72	78	62	45.9	60.4	48.1
Tuberculosis - all forms	5	4	8	3.2	3.1	6.2
Diabetes	22	12	15	14.0	9.3	11.6
Influenza	---	3	3	---	2.3	2.3
Communicable diseases (other than Tuberculosis, Pneumonia and Influenza)	12	50	25	7.7	38.7	19.4
All other causes	440	421	416	280.7	326.2	321.6
Totals	1,458	1,531	1,395			

INFANT MORTALITY

The Infant Mortality Rate for the municipality, including deaths of non-residents, is presented in the following tables for the year 1954 and the preceding four years.

TABLE No. 5

DEATHS OF INFANTS IN THE FIRST YEAR OF LIFE 1950-1954

	1954	1953	1952	1951	1950
Number of infant deaths	165	163	128	126	111
Rate per 1,000 live births	26.3	28.1	24.9	27.3	27.6

Number of deaths of non-residents included in the above: 1954 - 33, 1953 - 31, 1952 - 29, 1951 - 36, 1950 - 26.

TABLE No. 6

INFANT MORTALITY BY CAUSES OF DEATHS 1950-1954

Causes of deaths	1954	1953	1952	1951	1950
1. Diarrhoea and enteritis	---	4	4	4	1
2. Pneumonia and influenza	3	20	8	12	8
3. Prematurity	77	63	51	55	50
4. Congenital debility and malformations	29	25	43	27	34
5. Injuries at birth	15	12	8	5	8
6. Acute communicable diseases (whooping cough diptheria, measles, scarlet fever, etc.)	1	2	---	---	---
7. Other causes	40	37	14	23	10

Of the 165 infant deaths registered this year, 68 occurred within the first twenty-four hours, 49 within the first week, and 18 died under the age of one month, representing 81.8 per cent of the total.

MATERNAL DEATHS

The number of deaths of mothers from puerperal causes was 3. There were 2 non-resident deaths. The rate for the municipality is 0.2 per 1,000 live births.

TABLE No. 7

MATERNAL MORTALITY, (including non-residents) 1950-1954

Year	Live Births	Number of maternal deaths	Rate per 1,000 live births
1954	6,279	3	0.48
1953	5,799	3	0.5
1952	5,096	3	0.59
1951	4,608	2	0.43
1950	4,019	4	1.0

Number of deaths of non-residents included in above.

1954 - 2, 1953 - 1, 1952 - 1, 1951 - 1, 1950 - 3.

TABLE No. 8

CAUSES OF MATERNAL DEATHS 1954

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

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 1954

	Cases		0-4 years		5-14 years		15 & over		Totals	
	M	F	Cases	Dths	Cases	Dths	Cases	Dths	Cases	Dths
Bacillary Dysentery	1	-	1	-	-	-	-	-	1	-
*Chickenpox	-	-	-	1	-	-	-	-	-	1
Measles	596	579	390	-	774	-	11	-	1,175	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
Influenza	-	-	-	-	-	-	-	-	-	-
Pneumonia(all forms)	-	-	-	1	-	1	-	16	-	18
Poliomyelitis	13	14	6	-	5	-	16	3	27	3
Rubella	23	23	18	-	23	-	5	-	46	-
Scarlet Fever	174	155	81	-	224	-	24	-	329	-
Septic Sore Throat	-	2	1	-	-	-	1	-	2	-
Smallpox	-	-	-	-	-	-	-	-	-	-
Tuberculosis(all forms)	21	25	2	1	1	-	43	4	46	5
Typhoid Fever	-	1	-	-	-	-	1	-	1	-
Tetanus	-	-	-	-	-	-	-	-	-	-
Whooping Cough	98	140	108	-	124	-	6	-	238	-
TOTALS	926	939	607	3	1,151	1	107	23	1,865	27

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

From the following table, the part played by certain diseases is not once evident.

TABLE NO. 2

NOTIFIABLE DISEASES (Ventilation only)

AMOUNTS DUETO AND DEATHS FROM NOTIFIABLE DISEASES 1946

	Cases		0-4 years		5-14 years		15 years		Totals	
	M	F	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Bacillary Dysentery	2	-	1	-	-	-	-	-	3	-
*Chickenpox	-	-	-	2	-	-	-	-	-	1
Measles	556	579	340	-	274	-	11	-	1,175	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
Influenza	-	-	-	-	-	-	-	-	-	-
Pneumonia(all forms)	-	-	-	1	-	1	-	15	-	18
Poliomyelitis	13	4	6	-	5	-	14	3	22	3
Rubella	45	23	18	-	23	-	5	-	45	-
Scarlet Fever	174	155	81	-	234	-	24	-	329	-
Septic Sore Throat	-	2	1	-	-	-	1	-	2	-
Smallpox	-	-	-	-	-	-	-	-	-	-
Tuberculosis(all forms)	21	25	2	1	1	-	43	4	46	5
Typhoid Fever	-	1	-	-	-	-	1	-	1	-
Tetanus	-	-	-	-	-	-	-	-	-	-
Whooping Cough	98	140	108	-	134	-	6	-	238	-
TOTALS	924	929	607	3	1,151	1	107	23	1,865	27

* In lower notifiable, according to Provisional Regulations of May 1, 1953.

TABLE NO. 10

REPORTED CASES AND DEATHS FROM TUBERCULOSIS 1950 - 1954

Year	Cases	Number of Deaths in City	Number of Deaths in Sanatoria	Total Deaths	Rate per 100,000 population
1954	46	5	5	10	6.4
1953	34	3	5	8	6.2
1952	62	8	2	10	7.7
1951	144	4	12	16	12.4
1950	39	5	13	18	17.0

TABLE NO. 11

REPORTED CASES AND DEATHS FROM DIPHTHERIA, MEASLES, SCARLET FEVER AND WHOOPING COUGH, 1952-1954

	Cases			Deaths			Mortality rate per 100,000 population		
	1952	1953	1954	1952	1953	1954	1952	1953	1954
Diphtheria	-	-	-	-	-	-	-	-	-
Measles	389	386	1,175	-	-	-	-	-	-
Scarlet Fever	539	307	329	-	-	-	-	-	-
Whooping Cough	195	23	238	-	-	-	-	-	-

There were no deaths from the above diseases in 1954.

TABLE NO. 10

MORTALITY DATA AND TRENDS FROM TUBERCULOSIS 1929 - 1954

Year	Cases	Number of Deaths in City	Number of Deaths in Remainder	Total Deaths	Rate per 100,000 Population
1954	45	5	5	10	6.4
1953	34	3	5	8	5.2
1952	62	8	2	10	7.7
1951	44	4	12	16	12.4
1950	39	5	13	18	17.0

TABLE NO. 11

MORTALITY DATA AND TRENDS FROM SELECTED CAUSES, 1929-1954

	Cases			Deaths			Mortality rate per 100,000 population	
	1952	1953	1954	1952	1953	1954	1952 - 1953	1953 - 1954
Diphtheria	-	-	-	-	-	-	-	-
Measles	389	386	1,195	-	-	-	-	-
Scarlet Fever	279	307	329	-	-	-	-	-
Whooping Cough	185	25	238	-	-	-	-	-

There were no deaths from the above diseases in 1954.

CAUSES OF DEATH BY AGE AND SEX (gross) 1954

	Males	Females	under 24 hours	under 1 year	1 to 4 years	5 to 19 years	20 to 39 years	40 to 59 years	60 years and over	TOTALS
1. Infective and Parasitic Diseases	8	9		3	2	1	4	6	1	17
2. Neoplasms	171	104	-	-	2	4	13	61	195	275
3. Allergic, Endocrine System, Metabolic and Nutritional Diseases	20	13	-	1	-	-	4	9	19	33
4. Diseases of the blood and blood-forming organisms	1	2	-	-	-	-	-	1	2	3
5. Mental, Psychoneurotic, and Personality Disorders	7	2	1	2	-	-	-	3	3	9
6. Diseases of the Nervous System and Sense Organs	49	32	-	1	-	-	1	9	70	81
7. Diseases of the Circulatory System	362	243	-	-	-	1	15	82	507	605
8. Diseases of the Respiratory System	28	11	-	4	3	3	2	5	22	39
9. Diseases of the Digestive System	27	25	-	1	2	2	4	12	31	52
10. Diseases of the Genito-Urinary System	26	8	-	-	-	1	3	7	23	34
11. Diseases and complications of pregnancy, childbirth and puerperium	-	3	-	-	-	1	2	-	-	3
12. Diseases of the bones and organs of movement	2	3	-	-	-	1	1	-	3	5
13. Congenital malformations	17	19	11	20	4	-	1	-	-	36
14. Certain diseases of early infancy	73	43	57	59	-	-	-	-	-	116
15. Symptoms, senility and ill-defined conditions	36	42	-	1	-	1	-	4	72	78
16. Accidents, poisonings and violence	53	19	-	4	2	6	21	24	15	72
TOTALS	880	578	69	96	15	21	71	223	963	1,458
Supplementary classifications for stillbirths	45	47								92

CAUSES OF DEATH BY AGE AND SEX (gross) 1958

| | Males | | |

COMMUNICABLE DISEASES REPORTED 1954

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Bacillary Dysentery	-	-	-	-	-	-	-	-	1	-	-	-	1
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	7	6	7	7	34	22	22	13	33	298	420	306	1,175
Poliomyelitis	1	-	3	1	2	2	4	6	1	4	-	3	27
Rubella (German Measles)	3	3	4	2	7	5	3	2	3	7	4	3	46
Scarlet Fever	27	65	75	55	27	26	13	2	6	14	6	13	329
Septic Throat	-	-	-	-	-	-	-	-	-	-	2	-	2
Smallpox	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	3	2	-	-	2	3	4	5	3	2	13	9	46
Typhoid Fever	-	-	-	-	-	1	-	-	-	-	-	-	1
Whooping Cough	10	6	16	12	23	30	21	35	18	30	21	16	238
TOTALS	51	82	105	77	95	89	67	63	65	355	466	350	1,865
FROM OUT OF TOWN													
Measles	-	-	-	-	-	-	-	-	-	-	1	5	6
Poliomyelitis	1	3	1	1	1	-	-	2	2	4	3	-	18
Scarlet Fever	-	5	5	4	4	-	-	-	1	-	3	1	23
Typhoid Fever	-	-	-	-	-	-	-	-	1	1	-	-	2
Whooping Cough	-	1	-	2	2	3	2	3	2	9	2	2	28
TOTALS	1	9	6	7	7	3	2	5	6	14	9	8	77

	M	F	City	Out	Totals
002 Pulmonary tuberculosis		4	4		4
019.1 Disseminated T.B.- Acute military tuberculosis unspecified		1	1		1
022 Aneurysm of aorta	1			1	1
049.0 Food poisoning:- Staphylococcal	1			1	1
053.0 Septicaemia and pyaemia: Streptococcus	1		1		1
053.1 Septicaemia and pyaemia: Straphylococcus	1			1	1
057.1 Meningococcal infections: Acute and unspecified meningococcaemia	2		2		2
080.0 Acute Poliomyelitis: specified as bulbar or polio-encephalitis	1	2		3	3
080.3 Acute Poliomyelitis: unspecified		1		1	1
087. Chickenpox	1			1	1
092. Infectious hepatitis		1	1		1
141 Malignant neoplasm of tongue	3		3		3
142.1 Malignant neoplasm of salivary gland:- other		1	1		1
148 Malignant neoplasm of nasopharynx: unspecified	1		1		1
143 Malignant neoplasm of floor of mouth	1		1		1
150 Malignant neoplasm of oesophagus	2		2		2
151 Malignant neoplasm of stomach	24	12	32	4	36
153 Malignant neoplasm of large intestine, except rectum	15	12	21	6	27
154 Malignant neoplasm of rectum	10	2	11	1	12
155 Malignant neoplasm of biliary passages and of liver (stated to be primary site)	4	2	6		6
156 Malignant neoplasm of liver(secondary & unspecified)	4	2	5	1	6
157 Malignant neoplasm of pancreas	11	3	11	3	14
158 Malignant neoplasm of peritoneum	1		1		1
160 Malignant neoplasm of nose, nasal cavities, middle ear, and accessory sinuses	2		1	1	2
161 Malignant neoplasm of larynx	1	2	1	2	3
162 Malignant neoplasm of trachea,& of bronchus and lung, specified as primary	14	1	9	6	15
163 Malignant neoplasm of lung	8		7	1	8
170 Malignant neoplasm of breast	1	21	19	3	22
171 Malignant neoplasm of cervix uteri	1	9	9	1	10
172 Malignant neoplasm of corpus uteri		1	1		1
174 Malignant neoplasm of uterus, unspecified	1	3	4		4
175 Malignant neoplasm of ovary, Falliopian tube and broad ligament		8	6	2	8
176 Malignant neoplasm of other unspecified female genital organs		1	1		1
177 Malignant neoplasm of prostate	20		17	3	20
178 Malignant neoplasm of testis	1		1		1
180 Malignant neoplasm of kidney	6	1	7		7
181 Malignant neoplasm of bladder and other urinary organs	6	3	9		9
190 Malignant neoplasm of skin	1			1	1
191 Other malignant neoplasm of skin	1	1	2		2
193 Malignant neoplasm of brain and other parts of nervous system	2	2	3	1	4
196 Malignant neoplasm of bone(including jaw bone)	1	1	1	1	2
197 Malignant neoplasm of connective tissue	1		1		1
198 Secondary and unspecified malignant neoplasm of lymph nodes	2	1	1	2	3
forward	153	98	204	47	251

	M	F	City	Out	Totals
	153	98	204	47	251
199 Malignant neoplasm of other and unspecified sites	5	4	8	1	9
200.1 Lymphosarcoma and reticulosarcoma: Lymphosarcoma	1		1		1
200.2 Lymphosarcoma and reticulosarcoma: Other primary malignant neoplasms of lymphoid tissue		2	1	1	2
201 Hodgkin's disease	1	1	2		2
202.1 Other forms of lymphoma:- other	1			1	1
203 Multiple myeloma	2	1	2	1	3
204.0 Leukemia and aleukemia: Lymphatic leukemia	5	4	8	1	9
204.1 Leukemia and aleukemia: Myeloid leukemia	3		2	1	3
204.4 Leukemia and aleukemia: Other and unspecified type	4		3	1	4
204.3 Leukemia and aleukemia: Acute leukemia, unspecified type	1		1		1
211 Benign neoplasm of other parts of digestive system		1	1		1
223 Benign neoplasm of brain and other parts of nervous system	1	1	1	1	2
224 Benign neoplasm of endocrine glands		1	1		1
225 Benign neoplasm of bone and cartilage	1		1		1
230 Neoplasm of unspecified nature of digestive organs	1		1		1
241 Asthma	4	1	5		5
252.0 Thryotoxicosis with or without goitre: Toxic diffuse goitre		1	1		1
260 Diabetes mellitus	11	11	10	12	22
273 Disease of thymus gland	1		1		1
274 Diseases of adrenal gland	1		1		1
277 Polyglandular dysfunction and other diseases of endocrine glands	2		2		2
289.2 Other metabolic diseases: Other	1		1		1
293 Anaemia of unspecified type		1	1		1
294 Polycythaemia	1	1	1	1	2
304 Senile psychosis	1		1		1
322 Alcoholism: 322.0 Acute	1		1		1
322.2 Alcoholism: Unspecified	3		2	1	3
323 Other drug addiction		1	1		1
325.4 Mental Deficiency: Mongolism	2	1	3		3
331 Cerebral hemorrhage	10	7	14	3	17
332 Cerebral embolism and thrombosis	9	5	9	5	14
334 Other and ill-defined vascular lesions affecting central nervous system	23	16	33	6	39
340.1 Meningitis: Pneumococcus		1	1		1
345 Multiple sclerosis	2	2	3	1	4
350 Paralysis agitans	2		2		2
355 Other diseases of brain	2			2	2
356.0 Motor neurone disease & muscular atrophy: Progressive muscular atrophy	1	1	2		2
401.3 Rheumatic fever with heart involvement: Active rheumatic fever with other and multiple types of heart involvement		3	3		3
410 Diseases of mitral valve	3	2	3	2	5
414 Other endocarditis specified as rheumatic		1	1		1
416 Other heart disease specified as rheumatic	3	2	5		5
420.0 Arteriosclerotic heart disease, so described	26	26	43	9	52
420.1 Heart disease specified as involving coronary arteries	146	54	171	29	200
forward	434	250	558	126	684

	M	F	City	Out	Totals
	434	250	558	126	684
420.2 Angina pectoris without mention of coronary disease	2		2		2
421.1 Chronic endocarditis not specified as rheumatic: of aortic valve,		1	1		1
421.2 Chronic endocarditis not specified as rheumatic: of tricospid valve - non rheumatic		1	1		1
422.1 Other myocardial degeneration: with arteriosclerosis	9	5	13	1	14
422.2 Other myocardial degeneration: other	16	9	19	6	25
433.1 Functional disease of heart: other disorders of heart rhythm		1	1		1
434.1 Other and unspecified diseases of heart: Congestive heart failure	4	6	8	2	10
434.3 Other and unspecified diseases of heart: Other and unspecified diseases of heart	2		2		2
434.2 Other and unspecified diseases of heart: Left ventricular failure	1		1		1
440 Essential benign hypertension with heart disease	7	10	16	1	17
442 Hypertensive heart disease with arteriolar nephrosclerosis	5	10	15		15
443 Other and unspecified hypertensive Heart disease	2	2	3	1	4
444 Essential benign hypertension without mention of heart	18	31	45	4	49
445 Essential malignant hypertension without mention of heart		1		1	1
446 Hypertension with arteriolar nephrosclerosis without mention of heart		1		1	1
447 Other hypertensive disease without mention of heart	2	2	3	1	4
450.0 General arteriosclerosis:without mention of gangrene	107	69	152	24	176
451 Aortic aneurysm specified as nonsyphilitic and dissecting aneurysm	3		2	1	3
452 Other aneurysm,except of heart and aorta	2	4	5	1	6
456 Other diseases of arteries	2		1	1	2
464 Phlebitis and thrombophlebitis of other sites		1	1		1
465 Pulmonary embolism and infarction	1	1	2		2
466 Other venous embolism and thrombosis	1		1		1
470 Acute nasopharyngitis (common cold)	1		1		1
473 Acute tonsillitis	1			1	1
474 Acute laryngitis and trachetis		1	1		1
490 Lobar Pneumonia	5	1	4	2	6
491 Bronchopneumonia	8	4	6	6	12
500 Bronchitis - acute	2	2	2	2	4
502.0 Chronic Bronchitis: Bronchitis with emphysema	1		1		1
502.1 Chronic Bronchitis: Other	1			1	1
525 Other chronic interstitial pneumonia	2	1	2	1	3
526 Bronchiectasis	1	2	2	1	3
527.1 Other diseases of lung & pleural cavity: Emphysema without mention of bronchitis	5		5		5
527.2 Other diseases of lung & pleural cavity: Other	1		1		1
540.0 Ulcer of stomach: without mention of perforation		3	3		3
540.1 Ulcer of stomach: with perforation		2	2		2
541.0 Ulcer of duodenum: without mention of perforation	3	3	2	4	6
541.1 Ulcer of duodenum: with perforation	2		1	1	2
550.0 Acute appendicitis: Without mention of peritonitis		1	1		1
forward	651	425	886	190	1076

	M	F	City	Out	Totals
	651	425	886	190	1076
550.1 Acute appendicitis: With peritonitis	1			1	1
561.0 Hernia of abdominal cavity with obstruction: Inguinal	1		1		1
561.4 Hernia of abdominal cavity with obstruction: Other specified site	1		1		1
570.1 Intestinal obstruction, without mention of hernia: Paralytic ileus	1		1		1
570.5 Intestinal obstruction, without mention of hernia: Other	2	2	3	1	4
571.0 Gastric-enteritis and colitis, except ulcerative, 4 weeks & over: between 4 weeks & 2 years		1	1		1
572.0 Chronic enteritis and ulcerative colitis: Regional enteritis	1		1		1
572.1 Chronic enteritis and ulcerative colitis: Diverticulitis	1	2	3		3
572.2 Chronic enteritis and ulcerative colitis: Ulcerative colitis	1			1	1
572.3 Chronic enteritis and ulcerative colitis: Other	2		1	1	2
573.2 Functional disorders of intestines:-Irritability of colon		1	1		1
578 Other diseases of intestines and peritoneum	1		1		1
581.0 Cirrhosis of liver: without mention of alcoholism	3	4	4	3	7
583 Other diseases of liver	1			1	1
584 Cholelithiasis	1	1	1	1	2
585 Cholelithiasis without mention of calculi	1	1	1	1	2
586 Other diseases of gallbladder and biliary ducts	2		2		2
587.0 Diseases of pancreas: Acute pancreatitis	1	2	2	1	3
587.1 Diseases of pancreas: Chronic pancreatitis		1	1		1
587.2 Diseases of pancreas: Other diseases of pancreas	1	1	2		2
592 Chronic nephritis	7	5	7	5	12
593 Nephritis, not specified as acute or chronic	1		1		1
600.0 Infection of kidney: Pyelitis, pyelocystitis and pyelonephritis	5		4	1	5
602 Calculi of kidney and ureter	1		1		1
603 Other diseases of kidney and ureter	1	1	2		2
604 Calculi of other parts of urinary system	1			1	1
606 Other diseases of bladder	1	1	1	1	2
610 Hyperplasia of prostate	8		5	3	8
611 Prostitus	1		1		1
631 Uterovaginal prolapse		1	1		1
648.1 Other complications arising from pregnancy: Hydatidiform mole		1	1		1
651.0 Abortion with sepsis:-Spontaneous or unspecified		1		1	1
678 Delivery with other complications of childbirth		1		1	1
722.0 Rheumatoid arthritis and allied conditions; Rheumatoid arthritis		3	2	1	3
723.0 Osteo-arthritis(arthrosis)and allied conditions: Osteo-arthritis(arthrosis)	1		1		1
744.2 Other diseases of muscle tendon & fascia:- Other	1		1		1
750 Monstrosity	1	2	3		3
751 Spina bifida and meningocele	1	4	4	1	5
752 Congenital hydrocephalus	4		4		4
753.1 Other congenital malformations of nervous system & sense organs: Other	1	2	3		3
Forward	708	463	955	216	1171

	M	F	City	Out	Totals
	708	463	955	216	1171
754.1 Congenital malformations of circulatory system: Patent ductus arteriosus (Botalli)	1	1	1	1	2
754.2 Congenital malformations of circulatory system: Interventricular septal defect	2		2		2
754.4 Congenital malformations of circulatory system: Other and unspecified malformations of heart	3	2	5		5
754.5 Congenital malformations of circulatory system: Coaretation of aorta	1		1		1
756.2 Congenital malformations of digestive system:Other	1	5	3	3	6
757.1 Congenital malformations of genito-urinary system: Polycystic disease of kidney		1	1		1
759.0 Other and unspecified congenital malformations not elsewhere classified:- of resp. system		2	2		2
759.3 Other and unspecified congenital malformations not elsewhere classified: other & unspecified	2		2		2
760.0 Intercranial and spinal injury at birth: without mention of immaturity	3	7	10		10
761.0 Other birth injury: without mention of immaturity	4	1	4	1	5
762.0 Postnatal asphyxia and atelectasis:without mention of immaturity	8	1	5	4	9
763.0 Pneumonia of newborn:without mention of immaturity	4	3	3	4	7
768.0 Other sepsis of newborn:without mention of immaturity	1			1	1
769.1 Neonatal disorders arising from maternal toxaemia: Attributed to maternal diabetes,without mention of immaturity		1	1		1
770.0 Haemolytic disease of newborn:Erythroblastosis without mention of nervous affection or immaturity	1	3	2	2	4
772.0 Nutritional maladjustment: without mention of immaturity	1	1	1	1	2
774 Immaturity with mention of any other subsidiary condition	27	19	39	7	46
776 Immaturity, unqualified	24	7	27	4	31
782.4 Symptoms referable to cardiovascular and lymphatic system:acute heart failure,undefined	6	3	8	1	9
783.1 Symptoms referable to respiratory system:haemoptysis	1		1		1
784.5 Symptoms referable to upper gastrointestinal tract: Haematemisis		1	1		1
792 Uraemia unqualified	1		1		1
794 Senility without mention of psychosis	23	37	51	9	60
795.5 Illdefined and unknown causes of morbidity and mortality:Other unknown & unspecified causes	5	1	5	1	6
E800 Railway accidents involving railroad employees	1		1		1
E810 Motor vehicle traffic accident involving collision with train	2		2		2
E812 Motor vehicle traffic accident involving pedestrian	6	2	5	3	8
E816 Other motor vehicle traffic accident involving two or more motor vehicles	3	1	2	2	4
E819 Motor vehicle traffic accident involving collision with fixed or unspecified object		1	1		1
E843 Accident to rider of pedal cycle not involving collision with motor vehicle	1		1		1
E860 Accident to personnel in military aircraft	1		1		1
forward	841	563	1144	260	1404

		M	F	City	Out	Totals
		841	563	1144	260	1404
E872	Accidental poisoning by aspirin and salicylates	1		1		1
E880	Accidental poisoning by alcohol	2		2		2
E890	Accidental poisoning by utility(illuminating)gas	2		1	1	2
E891	Accidental poisoning by motor vehicle exhaust gas	2		2		2
E900	Accidental falls: Fall on stairs		3	2	1	3
E902	Other falls from one level to another	3		2	1	3
E903	Fall on same level		2	2		2
E910	Blow from falling object		1	1		1
E912	Accident caused by machinery	1		1		1
E914	Accident caused by electric current	1		1		1
E916	Accident caused by fire and explosion of combustible material	1			1	1
E919	Accident caused by firearm	1		1		1
E921	Inhalation and ingestion of food causing obstruction or suffocation	2		2		2
E922	Inhalation and ingestion of other object causing obstruction or suffocation	1			1	1
E925	Accidental mechanical suffocation in other and unspecified circumstances	1		1		1
E924	Accidental mechanical suffocation in bed and cradle		1	1		1
E928	Other accidents caused by animals	1			1	1
E929	Accidental drowning and submersion	2		1	1	2
E936	Other and unspecified accidents	1	1	2		2
E971	Suicide and self-inflicted poisoning by other solid and liquid substances	1	1	2		2
E973	Suicide and self-inflicted poisoning by other gases	1	1	2		2
E974	Suicide and self-inflicted injury by hanging and strangulation	2	2	3	1	4
E975	Suicide and self-inflicted injury by submersion (drowning)	1	2	3		3
E976	Suicide and self-inflicted injury by firearms and explosives	9	1	10		10
E978	Suicide and self-inflicted injury by jumping from high place	1			1	1
E981	Assault by firearms and explosives	2		1	1	2
	TOTAL	880	578	1188	270	1458

REPORT OF INOCULATION CLINIC FOR 1954

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Inoculations	1934	1862	1180	884	800	995	663	644	775	870	891	755	12253
Vaccinations	148	859	852	347	244	150	65	70	84	144	111	34	3108
Schick Tests	35	35	25	.1	34	27	28	36	30	38	--	34	323
Tuberculin Tests	83	--	20	--	11	--	--	18	18	730	--	--	880
Investigations made	13	17	20	11	15	10	13	9	9	13	20	23	173
Total visits made	93	107	122	93	92	96	64	80	87	81	80	92	1087
First aid Treatment given	--	1	2	--	1	2	--	2	2	3	3	1	17
TOTALS	2306	2881	2221	1336	1197	1280	833	859	1005	1879	1105	939	17841

The following Immunization Report shows a breakdown of vaccinations and inoculations given.

IMMUNIZATION REPORT 1954

	Quantity Distributed by Health Department (enough for)	Number of persons given complete treatment by the Health Dept.	Reinforcing doses given
Diphtheria Toxoid	634	90	167
Diphtheria & Pertussis combined	407	29	85
Diphtheria, Pertussis & Tetanus combined	4,337	2,157	1,633
Diphtheria & Tetanus Toxoid combined	138	65	37
Smallpox Vaccine	9,275	3,613	incl. revaccinations
Scarlet Fever Toxin	65	2	—
Pertussis Vaccine	79	15	38
Anti-Measles Serum	867	—	—
T.A.B.T.	259	36	—
Tetanus Toxoid	25	—	—
Typhoid & Paratyphoid Vaccine	700	91	—
Cholera	—	39	—
Typhus	—	27	—

SERA AND VACCINE DISTRIBUTED FOR USE IN CALGARY 1954

Diphtheria Antitoxin, syringe packages,	20,000 units	3
" " " "	1,000 units	129
Scarlet Fever Antitoxin, " "	9,000 units	23
" " " " "	3,000 units	11
Diphtheria Toxoid, packages for one person		332
" " 6 x 6cc.		151
Material for Dick Test		48
Material for Schick Test		44
Scarlet Fever Toxin, packages for one person		65
Pertussis Vaccine, " " " "		79
Combined Pertussis Vaccine and Diphtheria Toxoid, for one person		407
Combined Pertussis Vaccine, Diphtheria Toxoid and Tetanus Toxoid, for one person		4,241
Combined Pertussis Vaccine, Diphtheria Toxoid and Tetanus Toxoid, 6 x 6cc.		48
Gas Gangrene Antitoxin, vials of 4,000 units		78
" " " vials of 10,000 units		4
Tetanus Antitoxin, syringe packages of 10,000 units		5
" " " " 1,500 units		462
Staphylococcus Toxoid, packages of 2 cc's		35
Anti-Measles Serum, packages of 5 cc's		867
Tetanus Toxoid, packages for one person		25
T.A.B.T. (Tetanus Toxoid, Paratyphoid & Typhoid Vaccine) 3 cc vials		259
Combined Diphtheria Toxoid & Tetanus Toxoid, packages for one person		138
Smallpox Vaccine, individual capillary tubes		9,275
Typhoid and Paratyphoid Vaccine, packages for one person		58
" " " 10 cc. vials		107
Immune Serum Globulin, 5 cc. packages		1,465

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

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

Dear Sir:

The following report of work accomplished by the Division of Sanitation for the year 1954 is submitted for your information and approval.

DISTRICT SANITARY SUPERVISION

The several Sanitarians concerned with district supervision have discharged their duties throughout the year with efficiency. The rapid expansion of the City made it necessary for the staff to be increased and on July 1st four trainees were taken on staff. These men are presently studying the course in Sanitary Inspection which is offered by the Canadian Public Health Association. In addition they are receiving their practical training on the job with the aid and instruction of the qualified Sanitarians. They will write their examinations for the Certificate in Sanitary Inspection in September, 1955.

The Public Works division of the City Engineer's Department sprayed all the lanes and alleyways within the City once during the season. This work was carried out under the supervision of the Health Department. We would have liked to have covered the City twice but because of the very wet season this was found to be impossible. It is felt, however, this was a very worthwhile effort and that it reduced the fly population considerably.

The following is a statistical report of the District Sanitarians' work.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Inspections made	1375	1590	1720	1626	1589	1491	3441	1706	1813	1684	2079	1617	21731
Notices issued -- written	22	29	14	20	51	32	15	14	12	21	16	4	250
Notices issued -- verbal	273	510	366	349	403	313	718	350	454	472	289	298	4795
Complaints received	46	59	50	64	102	79	87	134	133	81	75	41	951
Complaints justified	35	54	46	51	91	60	74	106	116	70	57	35	795
Prosecutions	1	1	1	--	--	--	--	--	--	--	--	--	3
Totals	1752	2243	2197	2110	2236	1975	4335	2310	2528	2328	2516	1995	28525

QUARANTINE

The Quarantine Officer has satisfactorily attended to the duties of that office and in addition has been responsible for some sanitary supervision.

The Quarantine report is as follows:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Houses quarantined	18	63	69	61	40	36	22	27	29	53	66	72	556
Houses released from quarantine	23	53	56	99	36	44	34	10	21	18	17	23	434
Patients moved to hospital	9	23	18	17	7	9	12	15	4	21	26	40	201
TOTALS	50	139	143	177	83	89	68	52	54	92	109	135	1191

FOOD CONTROL

The Sanitarian attached to this branch supervises the storage, handling and sale of foods in processing plants, stores and restaurants. He also advises as to proper facilities and equipment in new food handling premises.

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

2,650 lbs. meat
950 lbs. beef
42 lbs. hamburger
37 turkeys
4 chickens
4,825 lbs. fruit and vegetables
120 lbs. date rolls.

MEAT INSPECTION

The Meat Inspector is in charge of anti and post mortem inspection at the City Abattoir. His report of the year's work follows:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
SUBMITTED Beef	409	346	388	417	400	395	383	362	347	315	381	315	4,458
Veal	275	285	319	194	194	178	179	253	226	270	309	226	2,908
Hogs	49	54	51	35	38	64	26	31	65	35	34	51	533
Sheep and Lamb	4	11	22	18	16	11	4	68	39	39	2		234
Totals	737	696	780	664	648	648	592	714	677	659	726	592	8,133
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
CONDEMNED Beef	--	--	1	--	¼	¼	1¼	--	1½	1¼	1½	¼	7¼
Veal	2	--	--	--	1	--	1	¼	¼	1	--	--	5½
Hogs	½	¼	½	1	--	1	½	2	¼	¼	1	1	8¼
Sheep & Lamb	--	--	--	¼	--	--	--	--	--	--	--	--	¼
Totals	2½	¼	1½	1¼	1¼	1¼	2¾	2¼	2	2½	2½	1¼	21¼

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
PORTIONS CONDEMNED Beef heads & tongues	15	27	18	13	30	24	22	11	15	13	14	19	221
Beef hearts	12	14	17	12	16	10	9	13	25	11	22	10	171
Beef livers	50	47	65	59	55	80	110	68	56	40	43	47	720
Veal heads & tongues	13	4	13	7	6	4	--	5	10	7	3	5	77
Veal hearts	5	10	6	1	2	3	--	--	3	11	5	4	50
Veal livers	6	16	20	7	16	16	16	6	9	11	7	6	136
Hog heads & tongues	4	3	6	2	2	2	1	3	3	5	6	3	40
Hog hearts	1	2	2	2	2	7	--	--	6	3	4	4	33
Hog livers	3	10	5	4	4	8	--	2	11	5	5	10	67
Sheep livers	--	1	5	1	1	1	--	2	6	11	--	--	28
Sheep hearts	--	--	--	--	--	--	--	--	2	--	--	--	2
TOTALS	109	134	157	108	134	155	158	110	146	117	109	108	1,545

POULTRY INSPECTED OCTOBER TO DECEMBER 1954

SUBMITTED	Oct.	Nov.	Dec.	Totals
No. of fowl	2,289	2,840	990	6,119
CONDEMNED	24	279	3	306
PORTIONS CONDEMNED	498	1,500	920	2,918
Totals	2,811	4,619	1,913	9,343

DAIRIES AND MILK CONTROL

The work in the Dairy Branch is increasing steadily with the growth of the City. It was found necessary to add one Sanitarian to the staff, making a total of three. In June one member left the Department in order to accept an attractive offer in the industrial field. Reorganization in the dairy branch has resulted in considerable improvement in the effectiveness of our quality control program.

Our appreciation is extended to the following for their excellent co-operation with the Department:

Model Dairies Ltd.	Provincial Laboratory (Keith)
Alpha Milk Co.	Department of Agriculture
Union Milk Co.	Board of Utility Commissioners
Palm Dairies Ltd.	Calgary Milk Foundation

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
PORTIONS CONDEMNED													
Beef hearts & tongues	15	27	18	19	39	24	22	11	15	13	14	19	221
Beef kidneys	12	14	17	12	16	10	9	13	25	21	22	10	171
Beef livers	20	42	61	39	55	80	110	68	56	40	43	47	720
Veal hearts & tongues	13	4	13	7	8	4	[illegible]	5	10	7	5	5	77
Veal livers	3	10	6	3	2	3	-	-	3	12	5	4	50
Veal livers	6	16	20	7	15	15	16	6	9	11	7	6	136
Hog hearts & tongues	4	3	6	2	2	2	1	3	3	5	6	3	40
Hog hearts	1	2	2	2	7	7	[illegible]	[illegible]	6	3	4	4	39
Hog livers	3	10	5	4	[illegible]	8	-	2	12	5	5	10	67
Sheep livers	-	1	5	1	1	1	1	2	6	11	[illegible]	[illegible]	28
Sheep hearts	-	-	-	-	-	-	-	-	2	-	-	-	2
TOTALS	135	134	157	108	134	135	158	110	145	127	106	108	1,545

FOURTH INSPECTION CONTROL AS REQUIRED, 1945

	Oct.	Nov.	Dec.	Totals
SUBMITTED No. of lots	2,230	2,340	550	5,119
CONDEMNED	34	279	3	306
PORTIONS CONDEMNED	498	1,500	420	2,418
Totals	2,811	4,619	1,913	9,343

PACKING AND PLANT OPINIONS

The work in the Dairy Branch is increasing steadily with the growth of the City. It was found necessary to add one Sanitarian to the staff, making a total of three. In June one member left the Department in order to accept an attractive offer in the industrial field. Concentration in the dairy branch has resulted in considerable improvement in the effectiveness of our quality control program.

Our appreciation is extended to the following for their excellent co-operation with the Department:

Model Dairies Ltd.
Alpha Milk Co.
Union Milk Co.
Palm Dairies Ltd.
Provincial Laboratory (Guelph)
Department of Agriculture
Board of Utility Commissioners

The following statistics indicate the scope of the milk control program:

METHYLENE BLUE TESTS

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
GRADE 1	189	221	640	499	439	455	329	432	499	538	593	482	5,316
GRADE 2	87	54	8	98	134	123	140	126	109	72	60	44	1,055
GRADE 3	46	53	11	55	96	74	201	102	52	47	32	25	794

SEDIMENT TESTS

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
GRADE 1	322	328	657	505	392	295	236	301	188	240	258	159	3,881
GRADE 2	0	0	2	124	220	253	365	311	406	369	354	197	2,601
GRADE 3	0	0	0	23	57	104	69	46	66	48	73	195	681

AVERAGE OFFICIAL PLATE COUNT

Standard	18,650	Jersey	21,650
Homogenized	16,300	Sub Standard Cream	15,100
Nursery	18,075	Whipping Cream	32,925

AVERAGE BUTTERFAT CONTENT

Standard Milk	3.43 %	Jersey	4.63 %
Homogenized	3.34 %	Sub Standard Cream	10.14 %
Nursery	3.38 %		

Total Milk Sales in quarts 19,104,664
Total Cream Sales in quarts 1,604,298
Per capita, per day consumption: Milk 0.668 pints
Cream 0.055 pints

LABORATORY

For eleven months of the year , all bacteriological testing for the Department was done at the Glenmore Laboratory under rather adverse conditions and necessitating a very considerable amount of transporting to and from the Glenmore Plant.

The Health Department Laboratory, located at the rear of the City Hall, opened in a modest way on the first of December, 1954. Its value to the Department was amply demonstrated even in that first month of operation. A full record of operation will be given in the next Annual Report.

CONCLUSION

In conclusion I wish to express my appreciation to the Sanitarians for their co-operation with me in attempting to overcome the many problems that confront us throughout the year. In addition they wish me to express our gratitude to you, Sir, for the kindly advice and counsel you have given us.

Respectfully submitted,

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

The following statistics indicate the scope of the milk control programme:

INSPECTIONS MADE DURING

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
GRADE 1	1,09[illegible]	221	540	4,9[illegible]	453	325	325	452	499	538	455	462	5,313
GRADE 2	87	54	5	98	134	227	340	136	109	72	60	44	1,065
GRADE 3	46	53	11	55	95	74	201	102	52	47	32	25	794

SAMPLES TAKEN

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
GRADE 1	322	325	457	505	392	235	255	301	188	290	258	150	3,081
GRADE 2	0	0	2	124	220	253	359	321	266	269	324	197	2,601
GRADE 3	0	0	0	23	77	104	69	45	66	48	73	155	661

AVERAGE OFFICIAL STATS DURING

Standard	19,650	Cream	21,650
Homogenized	16,300	Sub standard cream	15,150
Nursery	18,595	Manufacturing cream	32,525

AVERAGE INSPECTOR'S SCORES

Standard Milk	3.03 %	Cream	4.63 %
Homogenized	3.[illegible] %	Sub standard cream	4.14 %
Nursery	3.38 %		

Total Milk Sales in quarts 29,104,464
Total Cream Sales in quarts 1,604,398
Per capita, per day consumption Milk 0.668 pints
Cream 0.035 pints

LABORATORY

For eleven months of the year, all bacteriological testing for the Department was done at the Glenmore Laboratory under rather adverse conditions and necessitating a very considerable amount of transporting to and from the Glenmore Plant.

The Health Department Laboratory, located at the rear of the City Hall, opened in a modest way on the first of December, 1944. Its value to the Department has been amply demonstrated even in that first month of operation. A full record of operation will be given in the next Annual Report.

CONCLUSION

In conclusion I wish to express my appreciation to the Sanitarians for their co-operation with me in attempting to overcome the many problems that confront us throughout the year. In addition they wish me to express our gratitude to you, Sir, for the kindly advice and counsel you have given us.

Respectfully submitted,

H. PRESLEY, D.S.I. (C)

MILK AND DAIRY INSPECTION

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Dairy Farm Inspections	10	43	33	32	36	12	22	73	89	64	118	109	641
Milk Plant Inspections	67	56	51	47	54	60	32	46	68	83	63	57	684
Permits issued to Dairymen	360	2	4	0	2	0	0	3	4	4	21	0	400
Cowkeepers	26	0	0	0	0	0	0	0	0	0	0	0	26
Distributors	5	0	0	0	0	0	0	0	0	0	0	0	5
Milk Plants	5	0	0	0	0	0	0	0	0	0	0	0	5
Complaints received	0	1	2	2	1	2	1	2	1	2	1	0	15
Complaints justified	0	1	1	1	1	2	1	2	1	2	1	0	13
Notices issued	46	54	54	97	150	182	126	136	113	46	96	62	1162
Permits suspended	0	0	2	5	6	8	0	0	0	4	2	0	27
Dairymen's samples Collected(total)	644	656	1318	1308	1343	1304	1340	1318	1320	1321	1373	1103	14348
" Sediment Tests	322	328	659	652	669	652	670	658	660	657	685	551	7163
" Reductase Tests	322	328	659	652	669	652	670	660	660	657	685	551	7165
Special tests on producer's samples	0	0	0	4	5	0	0	0	0	7	3	1	20
Milk condemned, lbs.	80	260	260	240	480	320	80	240	240	840	460	620	4120
Milk cans condemned, no.	6	1	1	2	4	6	3	8	7	2	4	5	49
Distributor's samples (collected(total)	100	56	99	110	94	114	84	61	84	113	103	62	1080
" Sediment Tests	48	18	48	48	48	48	36	36	48	48	48	24	498
" Specific Gravity tests	48	18	44	48	44	44	36	36	48	48	48	24	486
" Butter Fat tests	48	18	48	48	48	48	36	36	48	48	48	24	498
" Phosphatase tests	48	18	48	48	48	48	36	36	48	48	48	24	498
" Plate Count tests	52	38	51	60	45	58	48	25	36	62	54	38	567
" B. Coli tests	52	38	50	60	45	58	48	25	36	62	54	38	566
Special tests of distributor's samples	0	0	0	2	1	8	0	0	0	3	1	0	15
Total samples collected	744	712	1417	1418	1437	1418	1424	1379	1404	1434	1476	1165	15428
Water samples taken	0	1	0	1	1	0	0	1	0	0	0	6	10

REPORT ON CHILD HYGIENE CLINICS
(Infant and Pre-School)
Calgary, Alberta
For the Year 1954.

February 1st, 1955.

W. H. Hill, 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 1954.

Attendance: Infants 12,791 Pre-School (2-6)yrs.: 5,029 Total: 17,820.

There was an increase of 4,183 over that of last year. 173 were from outside the City.

New Cases: Infants 2,861 Pre-School 1,223 Total 4,084.

Auxiliary Clinics:	Scarboro	4,757
	Killarney	824
	North Hill	2,159
	Renfrew	240
	Currie	340
	Maude Riley Home	426
	Total	8,746

All figures are included in the main report.

Present enrolment:	Infants	4,206	
at all City Clinics	Pre-School	10,956	Total 15,162

Number interviewed by doctors: 4,199.

Of 2,677 complete examinations in the 3 - 4 age group, 1,776 were found to be O.K. 932 missed appointments.

Number interviewed by nurses: 13,621.

Visits to homes	8,312
Insulin Investigations	23
Total	8,335

Infant Feeding Comparison: Breast 1,657 Bottle 7,645 Other 3,489.

Defects:

Skin	546	Pheumosis	99
Ears	108	Intestinal	90
Eyes	188	Congenital malformation	9
Hernia	130	Nose and Throat	69
Chest	191	Tonsils and Adenoids	285
Orthopedic	171	Mentally Deficient	7
Nutrition	25	Teeth	850

Infectious diseases found at Clinics:

Measles	4	Chicken pox	3
Whooping Cough	4	Mumps	1

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

Dental Clinics:			
Dr. Heimburger treated	1,099	Missed	107
Dr. Horsley treated	892	Missed	100
Dr. de Ridder treated	365	Missed	42
Dr. Shea treated	898	Missed	155

Eye, Ear, Nose & Throat:	
No. of Tonsil and Adenoids operations	32
No. of ear treatments	192
No. of eye treatments	342
No. of Nose and Throat treatments	97
Refraction for glasses	51

Students:	
Calgary General Hospital	5 for 1 month each
Calgary General Hospital	24 for 2 weeks each
Calgary General Hospital	32 for ½ day each
Nursing Aides	226 for ½ day each
Voluntary Workers	185 for ½ day each.

Letters: 10,237 letters have been forwarded in connection with clinic work.

Staff:

Mrs. Foster left our staff and Miss MacKenzie came on fulltime in May. Miss E. Grimes also joined our staff to work part time in the Baby Clinic and part time in the schools. In September Miss E. Gibson, Miss M. Kennedy, Miss M. Hulbert, Miss C. Broad, Mrs. A. Bell, and Mrs. J. Macdonald also came to the Baby Clinic part time from the schools. In November Mrs. A. Bell and Mrs. J. Macdonald were replaced by Miss J. Davis and Miss I. Stewart.

In November Miss M.F. Iavell retired from our staff. She came to work in Calgary in 1922. At that time she was employed by the Provincial Government to start Infant and Pre-School Clinics in this City with the assistance of another nurse employed by the City of Calgary.

In 1912 the Infant Mortality Rate had been 173.0 and the first clinics were founded in 1913 with the purpose of helping to lower this death rate.

There have been many changes in the clinics since the time Miss Lavell first took over their management. Then there were part time clinics in four different locations in the City and when this proved to be no longer possible, one central clinic was set up in the Health Dept. in the Police Building, later moved to the City Hall. At other times there have been monthly clinics at Bowness and Ogden as well as the Central Clinic. Now our clinic attendance has grown to the extent that we not only have the full time clinic at the City Hall but we also have a full time Health Unit, the Scarboro Health Unit, from which a branch clinic in Killarney is operated. In the North West district we have two clinics a week and in Renfrew one clinic a week. This year we have had an attendance at our Infant and Pre-School Clinic of 17,820 and the Infant Mortality Rate is 26.3.

Miss Lavell had not only been instrumental in organizing and developing these clinics, but for a number of years she also inspected boarding homes for the Infants and Pre-School children and the private nursing homes.

In 1951 the City of Calgary assumed full responsibility for the Infant and Pre-School Clinics and at this time Miss Lavell joined the City service.

We were very sorry to have Miss Lavell retire this fall but we wish her the most of health and happiness. It has been due to her unfailing efforts that the Infant and Pre-School Clinics have achieved their present high standard. I feel it has been a privilege to work with Miss Lavell.

Dr. Spankie retired from our staff in September and the Tonsil and Adenoid operations have been performed at the General Hospital by the head of the Eye, Ear, Nose and Throat Service.

The Killarney Clinic in St. Martin's Hall was closed in June and was opened again in November at the Killarney Evangelical United Brethren Church on 28th Ave. and 33rd St. S.W. A clinic was opened in the Renfrew Community Hall in September.

I would like to thank the Junior Service League members for their help with our clinics at Scarboro, Killarney and Renfrew. We also appreciate the clinic rooms and the help we have received from the Nurses' Aide School.

Donations:

We are indebted to various firms for Cod Liver Oil and other infant food products. To the Hounsfield Heights Club for a generous supply of quilts.

Respectfully yours,

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

W.H. Hill, 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 schools during 1954 and is presented for your information.

During the ten months of the school year a total of 8,298 children received a full medical examination designed to assess their health state. This figure represents an increase of 263 pupils examined over the previous year's total. The average pupil enrolment within the City school system numbered approximately 25,500. Thus 33% of pupils enrolled received a medical examination. All children in Grade I are examined as a matter of routine during their first school year. In order that the family may get the maximum benefit from an examination, it is important for a parent to attend. Invitations to be present at the medical interview were extended to 6,749 parents in grades other than high school. A total of 4,140 parents attended, or 61%. This figure does not differ significantly from previous years. Where no parent is present at the examination a brief summary of the results is sent home. Any defects noted requiring attention are recorded on a special referral form and either handed to the parent, sent home by letter, or with the child, according to the circumstances.

The immunization state of each child is reviewed at examination. 1,806 of those examined had never received primary vaccination. This represents 21% and shows a decrease over the previous year of 6.2%. Some 617 children had overrun the seven year interval considered necessary for revaccination. No effort is spared in acquainting the public on the benefits of inoculation against diphtheria; nevertheless 1,060 children, or 12% had never been immunized. 1,378 children were found who had received initial protection but were in need of reinforcing dose. The school nurses, in addition to the groups examined, review medical history sheets for outdated and non-inoculated children. Special inoculation sessions are arranged during January - April by the school nurses in each school in order to provide every opportunity to keep inoculations current. Parents' consent to inoculation is always obtained. It is found that doing children in groups in the school medical room cuts down a lot of natural apprehension so often apparent when taken individually for an inoculation.

During the year 3,664 children were vaccinated in school, an increase of 216 over the previous year. 6,436 inoculations against diphtheria and tetanus were given, an increase of some 1,204 over that achieved in 1953. It is gratifying to record that 925 children were given a complete anti-diphtheria series.

From the results of the medical examination each child has been awarded an arbitrary health category somewhat similar to the one used in expressing academic standing. Three grades are used - A - Good, B - fair, C - poor. A total of 7,775 or 93% were considered to satisfy the standard for A grading; 498 or 5.8% awarded a B grade, and 25 or 1.2% had a C grading. The general standard of health of the school children is very satisfactory.

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

TABLE I

Defects	Number	Percentage of total examined
Eyes	456	5.5
Ears	140	1.6
Dental	1,456	17.5
Tonsils & adenoids	531	6.4
Cardiac	62	0.7
Pulmonary	84	1.0
Abdominal	12	0.2
Hernia	25	0.3
Genitalia	62	0.7
Flat Feet	563	6.8
Orthopaedic	127	1.5
Endocrine	12	0.2
Anaemia	53	0.6
Nervous System	50	0.6
Others	226	2.7

Resulting from the examination, 518 pupils or 6.2% were referred to the family physician, either on account of some specific defect noted for which treatment was warranted or for further investigation. The Health Department wishes to express thanks to the private physicians for the information furnished on these referral slips completed on behalf of their patients. This information is recorded on the medical documents and serves to produce a year by year health record. Dental caries, defective vision and questionable tonsils and adenoids account for the most part for referring children to the private practitioners.

During the afternoons at the City Hall children are referred by nurses for diagnosis of many minor ailments. Skin lesions, injuries, eye ailments, earaches, etc. are seen by the physician on duty. Many of these conditions would otherwise never be seen by a doctor. It is felt that this service eliminates a lot of time lost from school. In fact many parents bring their children to these afternoon sessions without prior referral by a nurse. 1,302 children were seen at the minor ailments clinic and 135 were referred to their own private doctor for continuation treatment.

The school nurses have again had a busy year and performed a vast amount of constructive health supervision as the following summary will testify. Each nurse takes a very personal interest in the welfare of the children in her schools and the pupils readily accept her advice and help. The following summary shows some of the nursing activities:-

TABLE II

Communicable diseases investigated:	
Measles	1,309
Scarlet Fever	144
Whooping Cough	159
German Measles	8
Mumps	1,261
Chicken pox	634
Others	454
Class Health talks given	465
Meetings addressed	101
Home visits	1,646
Exclusions from School:	
Suspect communicable disease	116
Ringworm	23
Scabies	19
Impetigo	282
Others	394
First aid treatments in school	6,714
Special dental appointments	489
Conferences with:	
pupils	21,178
parents	1,877
teachers	6,061
other agencies	276
Medical examinations assisted at	8,298
Vision tests	22,890
Number weighed and measured and interviewed	22,354
Dental Inspections	6,528
Mantoux tests	1,112
Vollmer Patch Tests	149

The year 1954 will long be remembered as the beginning of an era offering hope of a vaccine against Poliomyelitis. Early in June the Health Department was informed that the National Foundation for Infantile Paralysis had invited Canada to take part in the Salk Vaccine Field Trial. Plans for taking part in this massive scientific experiment were drawn up at very short notice. Children in Grades I, II and III in sixteen of the City's largest schools were invited to participate. The inoculations were given on June 18th and 25th with the 3rd dose having to be given during the school summer holiday on July 23rd. 2,636 children were enrolled for the Field trial. Despite the 3rd dose having to be given in the middle of the school holiday, 94% of these children received three doses. To the voluntary help from physicians in the City, from nurses, parents, teachers, laboratory technicians, and many others who so readily assisted in this experimental inoculation program, the Health Department owes a debt of gratitude. Due to an abundance of co-operation from all these persons, the work involved in the field trial and arranged at very short notice was completed without a single hitch. 28 inoculating teams and four blood sample teams covered the study group at each session. It was very interesting to note a great drop in the number of polio cases reported during 1954. In 1953 a total of 411 cases of polio were reported with 269 occurring in City residents. In the Salk Field Trial, of 2,636 children receiving inoculation only half of this number received actual vaccine. The other 50% received a harmless fluid medium known as the control substance. Only one case of poliomyelitis developed in a child entered in the trial group. It was subsequently learned that this one case developed in a child who did not receive the vaccine but the control solution. With the small incidence of poliomyelitis during 1954 the bans on swimming pools and cinemas were not imposed as they had been in the two previous years.

There were as usual a number of staff changes during the year. Dr. Z.F. Jaworski resigned from the temporary staff and was replaced by Dr. W. Mulloy. Dr. Agnes O'Neil returned to the Department in September having completed a year of study at the school of Hygiene in Toronto where she obtained her Diploma of Public Health. The school nursing staff was further increased from eighteen to twenty nurses. The very rapid growth of the City with its rapidly rising school enrolment and additional new school building program required this increase. We were pleased to welcome to the staff the following new nurses: Miss E.L. Gibson, Miss E.C. Grimes, Miss C. Broad, Miss L.E. Frank, Miss B.A. Loveseth, Miss M.J.S. Kennedy, Miss L.E. McComb, Miss E.G. Gilmour, Mrs. A. Bell, Miss J.W. Macdonald, Mrs. V.J. Van Staalduine, and Mrs. K. Fairbairn. Two very well respected members of the staff tendered their resignations. Miss E. Hoskyn after a great many years of devoted service retired and Miss M. Deane-Freeman the supervisor of nurses resigned to be married.

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

At the discretion of the school nurses certain children are provided with a half pint of milk free on each school day through the months January to June. The cost to the Department for this service amounted to $2,427.70.

During 1954, 57 children were provided with glasses free of charge. In all cases the economic circumstances of the family were carefully checked before the charge was made to the City.

The Department wishes to express sincere thanks to the following ophthalmologists who have so kindly given their professional time and service free of charge in certain eye conditions: Dr. M.S. Miller, Dr. L.C. Cody, Dr. E.A. Johnson and Dr. C.M. Shafto. In all cases where glasses were advised these were supplied by the City.

Pre-School and School Dental Service

The policy in the School Dental Clinic remained the same, offering dental inspection and treatment to Grades I and II and dental inspection of all children in Grades III and IV. In these latter two grades corrective treatment must be obtained through the family dentist. During the first half of the year all inspections were made by the Dental Hygienist but during the latter half of the year these inspections were carried out by the school nurses. Where the nurse found a cavity the dental card was filled in, and sent home to the parent. Cases presenting any doubt to the nurse and especially cases which appeared to show no defects present were further screened by the dental hygienist. This type of program relieved the dental hygienist of much of the case load formerly carried. Classroom talks on the fundamentals of good oral hygiene were also incorporated within her program. 13,015 pupils received dental inspections. In each instance a card is sent home to the parent giving details of the findings and advising dental attention. 266 classroom talks were delivered on the fundamentals of good oral hygiene. Educational literature was distributed to parents and teachers. Use was also made of the film strip teaching median.

SCHOOL DENTAL CLINIC STATISTICS

Total fillings		6,193	Appointments made	5,590
Permanent teeth	2,318		Appointments kept	4,803
Deciduous teeth	3,875		Appointments not kept	787
			Emergencies attended to	108
Total Extractions		1,979		
Permanent teeth	94		Dental inspections:	
Deciduous teeth	1,885		Number inspected	13,015
Bases		4,307	Number requiring treatment	9,750
Prophylaxis		62	Number dentally fit	3,275
X-rayed		605		
Number of teeth treated		12,489		
Permanent	4,467			
Deciduous	8,022			

It will be observed that of the 13,015 children inspected only 3,275 did not require any form of treatment. This represents 25% of the total and does not differ from the previous year. It must not be overlooked that of the 75% of children shown as requiring treatment, the correction necessary can vary from further dental advice, one small filling to multiple fillings and extractions. Despite the fact that treatment in Grades I and II is provided free upon request, only 86% of appointments were kept. In the pre-school clinic Drs. Horsley and Shea provided dental inspections and treatment for the age group 2 - 5 years.

The statistics for the PRE-SCHOOL DENTAL CLINIC are as follows:

Total fillings		2,280	Appointments made	2,522
permanent teeth	3		Appointments kept	2,218
deciduous teeth	2,277		Appointments not kept	304
Total extractions		309	Extra appointments	218
Bases		1,692		
Number of teeth treated		3,030		

Treatment for the pre-school child is supplied free upon request of any parent; yet despite the fact only 88% of appointments were kept.

Extensive structural alterations were carried out in the Dental Centre during the summer. The Dental Centre now has five individual operating rooms and has been completely modernized.

Respectfully submitted,

LESLIE C. ALLAN, M.B., Ch.B., D.P.H.,
Ass't Medical Officer of Health.

FINANCIAL STATEMENT

	1954	1953
HEALTH DEPARTMENT (General)		
Salaries	$78,203.29	$64,100.70
Sera, Vaccine, etc.	399.12	103.42
Disinfectants	151.06	83.45
Laboratory Supplies and Equipment	3,810.40	600.00
Auto Maintenance and Allowances	5,775.74	5,246.03
Sundries	906.53	1,108.51
Printing and Stationery	1,403.96	958.68
Postage	593.61	442.92
Transit System Passes and Tickets	860.00	759.55
Isolation Ambulance Hire	33.00	248.50
Milk Inspection	1,021.81	820.88
Milk to Sickly and Undernourished	2,418.02	2,666.27
Meat Inspection	93.22	81.30
Office Equipment and Typewriter	288.00	-
New Equipment (Automobile) Annual Payment	1,314.96	531.42
Fly & Insect Control (Spraying)	3,430.98	-
	100,703.70	77,751.63
SCHOOL MEDICAL AND DENTAL SERVICES		
Salaries	110,463.13	93,890.25
Medical and Dental Supplies	15,290,87	3,848.70
Glasses for Underprivileged Children	339.60	330.16
Milk for Undernourished School Children	2,427.70	2,513.24
Transit System Passes and Tickets	1,826.71	1,475.65
Auto Maintenance and Allowances	1,994.34	1,947.45
Re-Equipping Dental Clinic	3,836.89	-
Printing and Stationery	1,046.69	908.06
New Equipment (Automobile) Annual Payment	798.46	406.65
	138,024.39	105,320.16
INFANT AND PRE-SCHOOL CLINICS		
Salaries	13,736.27	13,507.73
Transit System Passes and Tickets	192.00	174.10
Operations and Treatments - Specialists	3,583.30	3,526.60
Sundries	598.81	242.79
Auto Maintenance and Allowances	924.64	951.66
New Equipment (Automobile) Annual Payment	455.63	455.63
	19,490.65	18,858.51
SCARBORO HEALTH UNIT		
Utilities: Gas, Light, Water and Telephone	306.22	247.88
Caretaker and Cleaning	569.30	387.70
Supplies and Repairs	159.17	536.54
Office Furniture & Equipment	-	2,126.05
	1,034.69	3,298.17
SUMMARY		
Health Department - General	100,703.70	77,751.63
School Medical & Dental Clinics	138,024.39	105,320.26
Infant and Pre-School Clinics	19,490.65	18,858.51
Scarboro Health Unit	1,034.69	3,298.17
	$259,253.43	$205,228.57
Population	156,748	129,060
Per Capita Expenditure - not including Grants	165.4¢	151.3¢
RECEIPTS from Federal and Provincial Grants	$ 53,800.17	$ 44,828.52
" " - Scarboro bldg.&equip.	$ 11,673.34	

EXPENDITURE FOR PAST FIVE YEARS

	1954	1953	1952	1951	1950
Total	$259,253.43	$205,228.57	$188,556.95	$156,421.05	$132,797.68
Per Capita	165.4¢	151.3¢	146.1¢	121.2¢	125.2¢

CALGARY TUBERCULOSIS ASSOCIATION

March 14th, 1955.

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

Dear Sir:

The following is a report of the work accomplished by the Chest Clinic for the year March 1st, 1954 to February 28th, 1955, and is submitted for your information.

This clinic is located in the Public Health Department at the City Hall. It is sponsored by the Calgary Kinsmen's Club and financed by the sale of Christmas Seals. This year $52,608.00 was realized from this campaign.

(1) Number of Clinic Sessions held 50

(a) Number of patients examined 234
Adults 210
Children 24

(b) Number of new cases of Tuberculosis ... 9
Active 2
Inactive 7

(2) Tuberculin Tests 2753
Positive 601
No reaction 2152

(a) Number given in office 579
Number given outside of office 2174
(1100 - High School Survey)

(3) Office calls 1512

(4) Home visits 1006

(5) Co-operative and other calls 183

ASSISTANCE TO NEEDY FAMILIES

During the year thirteen families, totalling 60 persons, were driven for x-ray. Preventive work included the provision of 83 bottles of Cod Liver Oil. Eight families were started with milk assistance. Due to improved circumstances milk was discontinued to six families, leaving 20 families receiving this aid at this time.

At Christmas 12 families received food hampers and gifts were purchased for 26 children; used clothing was distributed to 12 families.

Classes were again held with the affiliate students at the Sanatorium. I was pleased to give streptomycin injections to out-patients who could not conveniently make the twice-weekly visit to the Sanatorium.

I wish to express my sincere appreciation of your valuable advice and support, and my thanks for the constant co-operation received from the members of your staff.

Respectfully submitted,

Irene Walton, R.N.

VICTORIAN ORDER OF NURSES

Calgary Branch

206 Oddfellow's Temple
March 7, 1955.

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 1954 is submitted for your information.

In looking at the Victorian Order of Nurses across Canada we find continued expansion in 1954. Numbers of new branches were organized in answer to the need for a visiting nursing service in those communities. There are now 115 branches in Canada. In Alberta a new branch was organized at Lethbridge and had its official opening in January of this year. There are now four branches in this province -- Edmonton, Medicine Hat, Lethbridge and Calgary.

In Calgary great demands for service were made in 1954. These demands gathered momentum around June and kept up steadily to the end of the year. A growing City, a growing population, and the increased use of a popular nursing service have all added up to a maximum of visits and an increase in content of work over the previous year.

In 1954 our statistics show a slight decrease in total number of patients. However, a greater number of visits was made, indicating that we gave service to more patients with long term illnesses.

In the Medical and Surgical field our picture of work changed from that of 1953. Our service to the young age group, visits to the sick infant, pre-school and school child, dropped from 12% in 1953 to 6% in 1954. The service to adults increased from 75% to 81%. 42% of Medical and surgical visits were to patients over 70 years of age. The visits to the adult group were to the chronically ill, the aged, the acutely ill being treated in the home, the post-operative home from hospital -- all time-consuming visits.

In the Prenatal field the need for prenatal instruction is apparent by the great demand for admission to our Prenatal Classes. We are handicapped by lack of space and time. With our present staff set-up ½ day each week is all the time that can be allotted to prenatal group teaching. The total attendance at our classes increased by 53% in 1954. A registration fee of $2.00 for the series of lectures is now being charged.

The Maternal and Infant program is a significant feature of our service. 44% of visits were made to this group. We visited 1079 new babies in 1954 at the request of the mothers for instruction in the care of herself and her newborn. Due to pressure of work in the nursing field, service in the Maternity field had to be curtailed and length of service dropped from six weeks to one month.

Total patients	2,888	Medical & Surgical....	7,677	55%
Total visits	14,052	Prenatal, Postnatal and Newborn.....	6,157	44%

Payment for Service

It is the policy of our Organization to give care to patients regardless of ability to pay.

Fee Status

Fully paid	25%
Part paid	23%
Free	5%
Insurance	.65%
Non-chargeable	46%

The present fee for service is $2.25, covering a cost of $2.03 per visit based on 1953 cost per visit.

The present staff consists of seven well-qualified nurses with post-graduate training in Public Health nursing. Our staff with the exception of one has been with us for some time. I wish to extend my sincere thanks to the nursing staff for their loyalty and splendid contribution to the year's work. On many occasions they were given a list of work for the day that looked most impossible. There was never a murmur or a complaint, and the work was done regardless of the lunch hour or the day ending at 5 p.m. We gave field and observation experience to 51 undergraduate students from the local hospitals and to 7 postgraduate students from the University of Alberta. This is our contribution to the education of the students training in the Schools of Nursing.

Our fleet of cars is now up to 6. With the addition of the 6th car valuable nursing time is saved and the staff is able to arrange the work more satisfactorily. We wish to extend our thanks and appreciation to the community-minded citizen who donated the 6th car to our organization.

We wish to thank our Medical advisory committee for the help and advice given to us throughout the year, and all the Physicans and surgeons of this City who have used our service and are so co-operative and considerate of the Nurse and her time.

We continue to enjoy our relationships with other agencies in the community -- the City Health Department, the Cancer Society, the Calgary Family Bureau, the Council of Social Agencies, etc. We are only one agency and only by working closely with the other agencies can we give the most efficient service to the community without duplication.

Our chief aim and ambition for 1954, as mentioned in my 1953 report, was publicity for our organization. It appears that with very little effort this ambition was realized. The response to our organization proves that the need for our service is very real and apparent in this city, and so our aims and ambitions for 1955 are to expand and flourish in this rapidly growing city.

Respectfully submitted,

Helen Irving,
Nurse-In-Charge