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CITY OF CALGARY

DEPARTMENT OF PUBLIC HEALTH

Annual Report for the Year 1955

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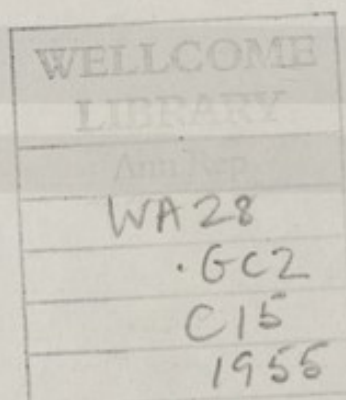


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His Worship the Mayor, Commissioners and Members of the City Council.

Alderman Mrs. Stevens and Gentlemen:

I beg herein to submit the annual report of the activities of the City's Health Department for the year 1955.

The population of the City was determined by Civic census in March, 1954, and the figure was shown at 156,748. The rates in the several statistical tables appearing throughout this report are given on the basis of this 1954 determined population. A Civic census taken in the fall of the year established a figure of 168,840, but the rates in the Department's monthly reports had been shown on the 1954 figure up to that time, and as a matter of uniformity computation of rates on the 1954 basis of population governed until the end of 1955.

The number of marriages solemnized throughout the year was 2,052, a decrease of 102 in the number reported for 1954. The rate in this regard per thousand of population being 13.1. It has been shown that marriage rates during peace time years tend to be constant, although, figures in recent years show a decline from what was considered the norm of some years ago.

The gross number of births registered during the year was 6763, this figure including births to parents non-resident in the City. Births to residents, only, or the net figure, was 5461. The respective rates per thousand of population were 43.1 (gross) and 34.8 (net). Both the gross and the net figures as, also, the respective rates, show an increase over the reporting for 1954. Included in the gross number of births (6763) are 397 illegitimate, an increase of 51 over the reporting for 1954. There were six sets of illegitimate twins. The number of illegitimate births represents 5.8% of the gross number of births.

The gross number of stillbirths registered during the year was 75, and the net number 60, with corresponding rates per thousand of population of 0.41 and 0.38. These are the lowest figures for recording over the last five years.

The gross number of deaths registered in the City during the year was 1627, with a corresponding rate per thousand of population of 10.4. The net or actual City rate was 8.4, represented by deaths amongst citizens only of 1323. Of the 1627 deaths recorded, 666 resulted from the associated diseases of the heart, 291 from cancer, 75 from violent and accidental causes, 39 from pneumonia and 13 from diabetes. The number of deaths from the five causes as above represent slightly better than 66% of the gross number. It is noted that there has been an increase in the number of deaths in the age group 45 to 60 years. Coronary occlusion is given as the cause in many of these latter deaths, and it is significant that this condition has attacked comparatively young men. Deaths from violent and accidental causes show a slight increase in number as compared with the reporting for 1954.

The number of infant deaths registered throughout the year was 159 with a corresponding rate per thousand live births of 23.5. Prematurity, congenital debility and malformations and injuries at birth are the outstanding causes of infant death. The total number of deaths under the three classifications (118) represent approximately 75% of the total number. Of the 159 infant deaths, 59 occurred within the first twenty-four hours, 40 within the first week, and 14 died under the age of one month.

The number of maternal deaths registered during the year was 3, one of which was a non-city resident. Of the two city mothers, one died of Puerperal Toxaemia and the other from an undefined puerperal cause. The maternal death rate

per thousand live births was 0.44.

3.

The total number of communicable disease cases reported to this Office throughout the year was 471, with 48 deaths from causes as undernoted:

Influenza	2
Pneumonia all forms	39
Measles	2
Poliomyelitis (Paralytic)	2
Tuberculosis (Pul)	2
Tuberculosis (Non-Pul)	1

The incidence of poliomyelitis was, again, light during the year, 22 cases only being reported. Of the 22, ten were paralytic and twelve non-paralytic. It is considered a little early to give any expression regarding the full effect and influence the mass inoculation of Salk Vaccine has had on the incidence of this communicable disease. It would seem from the literature that a very nice dependence is to be placed on the protective effect of the vaccine.

The continuing growth of the City, as has already been pointed out, stresses the urgency for the acquiring of suitable regional health centres. At the present time Scotland Street represents the only fully established unit, that is, aside from the City Hall, itself. The Department has two sub-centres for which a monthly rent is paid, the North Hill Nursing Aides' School (\$25.00 per month), and the Killarney Evangelical Church (\$10.00 per month). The Renfrew Community Hall is lent gratis - (We gave the Janitor \$10.00 as a Christmas present) - as is, also, the space used at the Currie Barracks Dependents' Clinic. With the formation of the Calgary Metropolitan Area, the Department's activities will need to be extended both east and west. It has become unwieldy to service the sub-centres from the City Hall and Scotland Street. There is enough in attendance and work at both branches to demand uninterrupted attention on the part of the staffs without having to pack up and go to the sub-centres on clinic days. It must be added that the attendance at the sub-centres has been on the up trend for some time. The Department, itself, at the City Hall, has quite outgrown its quarters.

Financial Grants in aid of the Department's work, and received from both the Federal and Provincial Governments, amounted to \$57,343.14. We are deeply indebted to the Senior Governments for this very generous contribution, enabling as it does access to equipment that otherwise would have had to wait until the Department could afford it. The City, also, received a nice contribution towards the salaries of certain staff.

Work undertaken for other Departments, notably Welfare, Childrens Aid, Police, the Safety Division of the Personnel, and in connection with the Civic Pension Fund, continues to occupy an appreciable part of the Department's time.

The Health Department is very conscious and appreciative of the constructive help, 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,
Superintendents and Staffs of the Provincial Sanatoria,
Superintendents and Staffs of the Provincial Mental Hospitals & Institutions,
Alberta and Calgary (Kinsmen's Club) Tuberculosis Associations,
Provincial Cancer Clinics,
Metropolitan Life Insurance Co.,
Victorian Order of Nurses,
The Calgary General and Holy Cross Hospital Staffs,
The Calgary Daily Press and Radio Broadcasting Stations, and
The T. V. Station.

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

The following are reports of the different divisions of the Health Department.

Respectfully submitted,

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

ILLEGITIMATE BIRTHS 1955

Date	City	Out of Town	14	15	16	17	18	19	20-24	25-30	31 & Over	1st Child	2nd & Over	Previous Marriage	Totals
Jan	18	12	-	-	-	2	3	5	13	7		26	4		30
Feb	13	8	-	-	-	-	2	-	12	3	4	13	8	2	21
Mar	20	7	-	-	-	1	2	4	16	2	2	23	4	1	27
Apr	22	16	-	1	-	3	6	3	15	4	6	30	8	3	38
May	22	7	-	1	-	1	1	1	16	5	4	25	4	2	29
June	26	10	-	1	1	1	3	5	15	8	2	28	8	4	36
July	25	11	-	-	-	6	2	6	12	8	2	27	9	4	36
Aug	27	13	1	-	1	5	5	4	12	8	4	27	13	8	40
Sept	25	12	-	2	1	1	3	4	13	9	4	29	8	5	37
Oct	20	13	-	-	1	2	2	5	16	5	2	25	8	2	33
Nov	23	15	-	1	1	3	5	2	17	4	5	35	3	1	38
Dec.	13	19	-	-	-	4	5	1	10	8	4	24	8	3	32
TOTAL	254	143	1	6	5	29	39	40	167	71	39	312	85	35	397

6 sets of twins

Total Births 6,763

35 previous marriage

Illegitimates 397 or 5.8 per cent

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

VITAL STATISTICS REPORT

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

Live Births	6763	Rate per 1,000 population	43.1
Stillbirths	75	Rate per 1,000 live births	11.1

Included in the above were 1,302 non-resident births and 15 non-resident stillbirths.

TABLE NO. 1

LIVE BIRTHS 1951 - 1955

Year	Population	No. including non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
1955	156,748	6,763	43.1	5,461	34.8
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

TABLE NO. 2

STILLBIRTHS 1951 - 1955

Year	Population	No. including non-residents	Rate per 1,000 population	No. Residents only	Rate per 1,000 population
1955	156,748	75	0.41	60	0.38
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

MARRIAGES

Number performed in 1955 was 2,052. Rate per 1,000 population 13.1

the 1950 Census of the United States, the population of the United States was 150,697,000.

POPULATION OF THE UNITED STATES

Population of the United States, 1950, by race and sex, and by age and sex.

White 100,000,000
Negro 10,000,000
Hispanic 5,000,000
Asian 1,000,000
Native American 1,000,000

In 1950, the population of the United States was 150,697,000. It was composed of 100,000,000 white, 10,000,000 negro, 5,000,000 hispanic, 1,000,000 asian, and 1,000,000 native american.

TABLE 1-1

POPULATION OF THE UNITED STATES

Year	Population	White	Negro	Hispanic	Asian	Native American
1950	150,697,000	100,000,000	10,000,000	5,000,000	1,000,000	1,000,000
1940	132,165,000	88,000,000	8,000,000	4,000,000	1,000,000	1,165,000
1930	122,755,000	80,000,000	7,000,000	3,000,000	1,000,000	1,755,000
1920	105,710,000	68,000,000	6,000,000	2,000,000	1,000,000	2,710,000
1910	92,228,000	58,000,000	5,000,000	1,000,000	1,000,000	3,228,000

TABLE 1-2

POPULATION OF THE UNITED STATES

Year	Population	White	Negro	Hispanic	Asian	Native American
1950	150,697,000	100,000,000	10,000,000	5,000,000	1,000,000	1,000,000
1940	132,165,000	88,000,000	8,000,000	4,000,000	1,000,000	1,165,000
1930	122,755,000	80,000,000	7,000,000	3,000,000	1,000,000	1,755,000
1920	105,710,000	68,000,000	6,000,000	2,000,000	1,000,000	2,710,000
1910	92,228,000	58,000,000	5,000,000	1,000,000	1,000,000	3,228,000

TABLE 1-3

Number reported in 1950 was 150,697,000. Data for 1,000 population 1910.

DEATHS

From all causes a total of 1627 deaths were reported, being a rate of 10.4 per thousand population, including 304 deaths of non-residents.

TABLE NO. 3

MORTALITY RATE (exclusive of stillbirths)
1951 - 1955

Year	No. deaths including non-residents	Rate per 1,000 population	No. residents only	Rate per 1,000 population
1955	1,627	10.4	1,323	8.4
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

TABLE NO. 4

CHIEF CAUSES OF DEATHS, 1953, 1954 and 1955
(total number including non-residents)

Cause of Death	Number of deaths			Rate per 100,000		
	1955	1954	1953	1955	1954	1953
Diseases of the heart, arteries and kidneys, including apoplexy	666	614	662	424.9	391.7	512.9
Cancer - all forms	291	275	261	185.7	175.4	202.2
Pneumonia	39	18	40	24.9	11.5	31.0
Violent and accidental deaths	75	72	78	47.8	45.9	60.4
Tuberculosis - all forms	3	5	4	1.9	3.2	3.1
Diabetes	13	22	12	8.3	14.0	9.3
Influenza	2	-	3	1.3	-	2.3
Communicable diseases (other than Tuberculosis, Pneumonia & Influenza)	4	12	50	2.5	7.7	38.7
All other causes	534	440	421	340.7	280.7	326.2
TOTALS	1,627	1,458	1,531			

TABLE

From all causes a total of 1,000 deaths were reported, being a rate of 10.4 per thousand population, including 300 deaths of non-residents.

TABLE 2. (Exclusive of stillbirths)
1931 - 1932

Year	No. deaths including non-residents	Rate per 1,000 population	No. residents only	Rate per 1,000 population
1932	1,000	10.4	1,000	10.4
1931	1,000	9.3	1,000	9.3
1930	1,000	11.8	1,000	11.8
1929	1,000	10.8	1,000	10.8
1928	1,000	10.2	1,000	10.2

TABLE 3. 4

DEATHS OF 1931, 1932, 1933 AND 1934
(Total number including non-residents)

Number of deaths	1931	1932	1933	1934	Rate per 1,000 population
Deaths of 1931, 1932, 1933 and 1934	1,000	1,000	1,000	1,000	10.4
Diseases of the heart, arteries and kidneys, including angina	300	300	300	300	3.1
Cancer - all forms	300	300	300	300	3.1
Pneumonia	300	300	300	300	3.1
Violent and accidental deaths	300	300	300	300	3.1
Tuberculosis - all forms	300	300	300	300	3.1
Diabetes	300	300	300	300	3.1
Influenza	300	300	300	300	3.1
Communicable diseases (other than tuberculosis, pneumonia & influenza)	300	300	300	300	3.1
All other causes	300	300	300	300	3.1
TOTALS	1,000	1,000	1,000	1,000	10.4

INFANT MORTALITY

The Infant Mortality Rate for the municipality, including deaths of non-residents, is presented in the following tables for the year 1955 and the preceding four years.

TABLE NO. 5

DEATHS OF INFANTS IN THE FIRST YEAR OF LIFE 1951-1955

	1955	1954	1953	1952	1951
Number of infant deaths	159	165	163	128	126
Rate per 1,000 live births	23.5	26.3	28.1	24.9	27.3

Number of deaths of non-residents included in the above:
1955 - 40, 1954 - 33, 1953 - 31, 1952 - 29, 1951 - 36.

TABLE NO. 6

INFANT MORTALITY BY CAUSES OF DEATHS 1951-1955

Causes of Deaths	1955	1954	1953	1952	1951
1. Diarrhoea and enteritis	1	-	4	4	4
2. Pneumonia and influenza	8	3	20	8	12
3. Prematurity	69	77	63	51	55
4. Congenital debility and malformations	36	29	25	43	27
5. Injuries at Birth	13	15	12	8	5
6. Acute communicable diseases (whooping cough, diphtheria, measles, scarlet fever, etc.)	1	1	2	-	-
7. Other causes	31	40	37	14	23

Of the 159 infant deaths registered this year, 59 occurred within the first twenty-four hours, 40 within the first week, and 14 died under the age of one month, representing 71.1 per cent of the total.

INFANT MORTALITY

The infant mortality rate for the United States, 1950-1954, is presented in the following table for the years 1950 and the year ending four years.

TABLE 1. INFANT MORTALITY RATE PER 1,000 LIVE BIRTHS, 1950-1954

Year	1950	1951	1952	1953	1954
Number of infant deaths	10,000	9,500	9,000	8,500	8,000
Rate per 1,000 live births	20.0	19.0	18.0	17.0	16.0

Number of deaths of infants included in the above: 1950 - 10,000; 1951 - 9,500; 1952 - 9,000; 1953 - 8,500; 1954 - 8,000.

TABLE 2. INFANT MORTALITY RATE PER 1,000 LIVE BIRTHS, 1950-1954, BY CAUSE OF DEATH

Causes of Death	1950	1951	1952	1953	1954
1. Premature and low birth weight	1	1	1	1	1
2. Perinatal and obstetrical	8	7	7	7	7
3. Prematurity	89	87	85	83	81
4. Congenital anomalies and malformations	30	29	28	27	26
5. Injuries to birth	13	12	11	10	9
6. Acute non-specific diseases (whooping cough, diphtheria, measles, scarlet fever, etc.)	1	1	1	1	1
7. Other causes	21	20	19	18	17

Of the 150 infant deaths registered in the United States, 100 occurred within the first week, and 100 within the first year of life.

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 0.29 per 1,000 live births.

TABLE NO. 7

MATERNAL MORTALITY (including non-residents) 1951-1955.

Year	Live Births	Number of maternal deaths	Rate per 1,000 live births
1955	6,763	3	0.44
1954	6,279	3	0.48
1953	5,799	3	0.5
1952	5,096	3	0.59
1951	4,608	2	0.43

Number of deaths of non-residents included in above:
1955 - 1, 1954 - 2, 1953 - 1, 1952 - 1, 1951 - 1.

TABLE NO. 8

CAUSES OF MATERNAL DEATHS 1955

Cause of Death	Number, including non-residents	Residents only
Abortions (septic & non-septic)	-	-
Puerperal toxæmias	1	1
Puerperal Sepsis	-	-
Other puerperal causes	2	1

TABLE NO. 1

The number of deaths of mothers from postnatal causes was 3. There was 1 non-resident death. The rate for the population is 0.33 per 1,000 live births.

TABLE NO. 1

DEATHS OF MOTHERS (including non-residents) 1951-1955

Year	Number of deaths	Rate per 1,000 live births
1955	3	0.33
1954	3	0.33
1953	3	0.33
1952	3	0.33
1951	3	0.33

Number of deaths of non-residents included in above: 1955 - 1, 1954 - 1, 1953 - 1, 1952 - 1, 1951 - 1.

TABLE NO. 2

CAUSES OF MOTHER'S DEATHS 1951-1955

Causes of death	Number, including non-residents only
Abortion (spontaneous & non-spontaneous)	-
Puerperal toxemia	1
Puerperal sepsis	-
Other puerperal causes	2

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

TABLE NO. 9

COMMUNICABLE DISEASES (Residents only)

REPORTED CASES AND DEATHS FROM COMMUNICABLE DISEASES 1955

	Cases		0 - 4 year		5-14 years		15 & Over		TOTALS	
	M	F	Cases	Dths	Cases	Dths	Cases	Dths	Cases	Dths
Bacillary Dysentery	-	-	-	-	-	-	-	-	-	-
* Chicken pox	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
Influenza	-	-	-	-	-	-	-	2	-	2
Measles	102	95	133	2	57	-	7	-	197	2
Paratyphoid	3	-	-	-	-	-	3	-	3	-
Pneumonia (all forms)	-	-	-	11	-	2	-	26	-	39
Poliomyelitis:										
Paralytic	7	3	1	1	3	-	6	1	10	2
Non-paralytic	7	5	2	-	6	-	4	-	12	-
Rubella	15	14	9	-	15	-	5	-	29	-
Scarlet Fever	46	43	38	-	43	-	8	-	89	-
Tuberculosis - Pul.	18	10	-	-	-	-	28	2	28	2
Typhoid Fever	1	-	-	-	-	-	1	-	1	-
Tuberculosis - Non-Pulmonary	3	2	-	-	-	-	5	1	5	1
Whooping Cough	45	52	43	-	52	-	2	-	97	-
TOTALS	247	224	226	14	176	2	69	32	471	48

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

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

TABLE No. 2

COMMUNICABLE DISEASES (Continued)

REPORTED CASES AND DEATHS FROM COMMUNICABLE DISEASES 1922

Disease	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	TOTAL
Measles	105	95	133	2	27	-	7	-	177	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chicken pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet dysentery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough	55	55	63	-	22	-	2	-	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-falmonary tuberculosis	3	2	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid fever	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis - Pol.	18	10	-	-	-	-	-	-	28	2	28	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever	45	43	38	-	43	-	8	-	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Relapsing fever	15	14	9	-	12	-	2	-	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-paratyphoid	7	2	2	-	6	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio-myelitis	7	3	1	1	3	-	6	1	10	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Leptospirosis (all forms)	-	-	-	11	-	5	-	-	28	38	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* No further notifications, according to Provincial Regulations of May 1, 1922.

TABLE NO. 10REPORTED CASES AND DEATHS FROM TUBERCULOSIS 1951-1955

Year	Cases	Number of Deaths in City	Number of Deaths in Sanatoria	Total Deaths	Rate per 100,000 population
1955	33	3	7	10	6.4
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

TABLE NO. 11REPORTED CASES AND DEATHS FROM DIPHTHERIA, MEASLES, SCARLET FEVER AND WHOOPING COUGH, 1953 - 1955

	Cases			Deaths			Mortality rate per 100,000 population		
	1953	1954	1955	1953	1954	1955	1953	1954	1955
Diphtheria	-	-	-	-	-	-	-	-	-
Measles	386	1175	197	-	-	1	-	-	.64
Scarlet Fever	307	329	89	-	-	-	-	-	-
Whooping Cough	23	238	97	-	-	-	-	-	-

There was two (2) deaths from the above diseases in 1955.

CAUSES OF DEATH BY AGE & SEX (gross) 1955

	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	13	3	-	2	2	-	1	3	8	16
2. Neoplasma	174	120	-	2	3	5	22	85	177	294
3. Allergic, Endocrine System, Metabolic and Nutritional Diseases	11	12	-	1	-	-	-	5	17	23
4. Diseases of the blood and blood-forming organisms	2	2	-	-	-	-	-	-	4	4
5. Mental, Psychoneurotic and Personality disorders	6	1	-	2	-	-	1	1	3	7
6. Diseases of the Nervous System and Sense Organs	65	58	-	2	1	2	2	10	106	123
7. Diseases of the Circulatory System	431	225	-	-	-	-	14	98	544	656
8. Diseases of the Respiratory System	44	22	-	11	5	2	5	9	34	66
9. Diseases of the Digestive System	41	22	-	3	1	1	5	16	37	63
10. Diseases of the Genito-Urinary System	24	13	-	-	1	2	2	10	22	37
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 & organs of movement	4	2	-	-	-	1	1	2	2	6
14. Congenital malformations	25	16	5	31	2	2	-	1	-	41
15. Certain diseases of early infancy	63	34	54	43	-	-	-	-	-	97
16. Symptoms, senility and ill-defined conditions	64	52	-	2	-	-	4	11	99	116
17. Accidents, poisonings and violence	56	19	-	1	6	4	15	21	28	75
TOTALS	1023	604	59	100	21	19	75	272	1081	1627
Supplementary classifications for stillbirths	44	31								75

COMMUNICABLE DISEASES REPORTED 1955.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
Bacillary Dysentery	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	129	20	10	5	6	8	4	4	5	3	2	1	197
Paratyphoid	-	-	-	-	1	1	-	-	-	-	1	-	3
Poliomyelitis - paralytic	-	-	-	-	-	-	-	2	3	4	1	-	10
non-paralytic	-	-	1	-	-	-	-	3	2	3	3	-	12
Rubella (German Measles)	5	1	2	-	5	3	7	1	3	1	-	1	29
Scarlet Fever, etc. (Strep)	15	13	18	8	3	5	3	3	1	7	8	5	89
Septic Throat	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis - pulmonary	2	3	1	3	3	2	-	2	4	1	4	3	28
non-pulmonary	-	-	-	-	1	-	-	-	2	1	1	-	5
Typhoid Fever	-	-	1	-	-	-	-	-	-	-	-	-	1
Whooping Cough	8	6	2	4	4	16	5	10	13	11	14	4	97
TOTALS	159	43	35	20	23	35	19	25	33	31	34	14	471
FROM OUT OF TOWN:													
Measles	7	2	-	-	2	-	-	-	1	1	-	2	15
Paratyphoid	-	-	-	-	-	-	3	-	-	-	-	-	3
Poliomyelitis - paralytic	-	1	-	-	-	-	-	2	-	3	1	-	7
non-paralytic	-	-	-	-	-	1	-	-	-	-	-	-	1
Scarlet Fever & Strep	1	1	1	-	2	1	-	2	-	-	-	-	8
Whooping Cough	1	3	1	1	-	-	-	1	4	2	-	2	15
TOTALS	9	7	2	1	4	2	3	5	5	6	1	4	49

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES,
INJURIES AND CAUSES OF DEATHS

13.

	<u>M</u>	<u>F</u>	<u>City</u>	<u>Out</u>	<u>Totals</u>
002. Pulmonary tuberculosis	2		1	1	2
016. Tuberculosis of genito-urinary system	1			1	1
022. Aneurysm of aorta	4	1	4	1	5
023. Other cardiovascular syphilis	1		1		1
024. Tabes dorsalis	1		1		1
053.1 Septicaemia and pyaemia: Staphylococcus	1		1		1
053.4 Septicaemia and pyaemia: Organism unspecified	1		1		1
080.1 Acute Poliomyelitis: with other paralysis	1	1		2	2
085.0 Measles without pneumonia	1		1		1
085.1 Measles with pneumonia		1	1		1
141. Malignant neoplasm of tongue	1		1		1
142.1 Malignant neoplasm of Salivary Glands		1		1	1
148. Malignant neoplasm of nasopharynx: unspecified	1		1		1
150. Malignant neoplasm of oesophagus	2	2	3	1	4
151. Malignant neoplasm of stomach	19	14	28	5	33
152. Malignant neoplasm of small intestine, including duodenum	2		1	1	2
153. Malignant neoplasm of large intestine, except rectum	25	17	33	9	42
154. Malignant neoplasm of rectum	15	5	17	3	20
155. Malignant neoplasm of biliary passages and of liver (stated to be primary site)	1	1	2		2
156. Malignant neoplasm of liver (secondary and unspecified)	1	1	2		2
157. Malignant neoplasm of pancreas	6	2	7	1	8
161. Malignant neoplasm of larynx	5		5		5
162. Malignant neoplasm of trachea, and of bronchus and lung, specified as primary	13	1	10	4	14
163. Malignant neoplasm of lung	15	1	12	4	16
170. Malignant neoplasm of breast		22	21	1	22
171. Malignant neoplasm of cervix uteri		9	8	1	9
172. Malignant neoplasm of corpus uteri		1	1		1
174. Malignant neoplasm of uterus, unspecified		2	2		2
175. Malignant neoplasm of ovary, Fallopian tube and broad ligament		8	7	1	8
176. Malignant neoplasm of other or unspecified female genital organs		1	1		1
177. Malignant neoplasm of prostate	11		9	2	11
178. Malignant neoplasm of testis	2		1	1	2
179. Malignant neoplasm of other or unspecified male genital organs	1		1		1
180. Malignant neoplasm of kidney	6	4	8	2	10
181. Malignant neoplasm of bladder and other urinary organs	5	3	6	2	8
190. Malignant neoplasm of skin	3	1	4		4
191. Other malignant neoplasm of skin		1	1		1
193. Malignant neoplasm of brain and other parts of nervous system	2	3	5		5
195. Malignant neoplasm of other endocrine glands	1	1	2		2
196. Malignant neoplasm of bone (including jaw bone)	2	1	1	2	3
197. Malignant neoplasm of connective tissue	4		3	1	4
198. Secondary and unspecified malignant neoplasm of lymph nodes	1			1	1
FORWARD	157	105	214	48	262

	<u>M</u>	<u>F</u>	<u>City</u>	<u>Out</u>	<u>14.</u> <u>Totals</u>
BROUGHT FORWARD	157	105	214	48	262
199. Malignant neoplasm of other and unspecified sites	6	6	12		12
200.1 Lymphosarcoma and reticulosarcoma: lymphosarcoma	1	1	1	1	2
200.2 Lymphosarcoma and reticulosarcoma: other primary malignant neoplasms of lymphoid tissue	1			1	1
201. Hodgkin's disease	6	2	5	3	8
202.1 Other forms of Lymphoma		2		2	2
203. Multiple myeloma	3		3		3
204.0 Leukemia and aleukemia: lymphatic leukemia	4	2	3	3	6
204.1 Leukemia and aleukemia: Myeloid leukemia	4	1	3	2	5
204.2 Leukemia and aleukemia: Monocytic leukemia	2	1	2	1	3
204.3 Leukemia and aleukemia: Acute leukemia, unspecified type	2	1	3		3
211. Other benign neoplasm of other parts digestive system		1	1		1
223. Benign neoplasm of brain and other parts of nervous system	1	1	2		2
241. Asthma	5	1	5	1	6
260. Diabetes mellitus	5	8	11	2	13
273. Disease of thymus gland	1		1		1
287. Obesity: not specified as of endocrine origin		2	1	1	2
289.2 Other metabolic diseases: other		1		1	1
290.0 Pernicious and other hyperchromic anaemias: Pernicious anaemia	1		1		1
294. Polyeythaemia	1	1	2		2
296. Purpura and other hemorrhagic conditions		1	1		1
304. Senile psychosis	2			2	2
322. Alcoholism: 322.0 Acute	1		1		1
Alcoholism: 322.1 Chronic	1	1	2		2
325.4 Mental Deficiency: Mongolism	2		1	1	2
330. Subarachnoid hemorrhage		1	1		1
331. Cerebral hemorrhage	12	11	22	1	23
332. Cerebral embolism and thrombosis	8	11	16	3	19
334. Other and ill-defined vascular lesions affecting central nervous system	34	27	55	6	61
340.0 Meningitis: except meningococcal and tuberculous: H. influenza		1		1	1
340.2 Meningitis: except meningococcal and tuberculous: Due to other specified organisms	1		1		1
342. Intercranial and intraspinal abscess		1	1		1
345. Multiple sclerosis	5	2	5	2	7
350. Paralysis agitans	2	1	3		3
353.3 Epilepsy: Other and unspecified		1	1		1
355. Other diseases of brain	1		1		1
356.1 Amyotrophic lateral sclerosis	1			1	1
356.0 Motor neurone disease & muscular atrophy: Progressive muscular atrophy		1	1		1
356.2 Spinal type of muscular atrophy	1			1	1
391.2 Mastoiditis without mention of otitis media: Unspecified		1	1		1
400. Rheumatic fever without mention of heart involvement	1		1		1
401.3 Rheumatic fever with heart involvement: Active rheumatic fever with other & multiple types of heart involvement	1	1	2		2
410. Diseases of mitral valve	1	1	2		2
414. Other endocarditis specified as rheumatic	1		1		1

FORWARD

275 198 389 84 473

BROUGHT FORWARD

	M	F	City	Out	15. Totals
	275	198	389	84	473
415. Other myocarditis specified as rheumatic		1	1		1
416. Other heart disease specified as rheumatic	12	4	10	6	16
420.0 Arteriosclerotic heart disease, so described	42	14	46	10	56
420.1 Heart disease specified as involving coronary arteries	162	52	185	29	214
421.0 Chronic endocarditis not specified as rheumatic: of mitral valve, specified as nonrheumatic	1	1	1	1	2
421.1 Chronic endocarditis not specified as rheumatic: of aortic valve	3		1	2	3
422.1 Other myocardial degeneration:with arteriosclerosis	17	9	21	5	26
422.2 Other myocardial degeneration:other	14	8	19	3	22
433.0 Functional disease of heart: heart block	1		1		1
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	5	8	1	9
434.3 Other and unspecified diseases of heart: other and unspecified diseases of heart	3	3	5	1	6
434.2 Other and unspecified diseases of heart: left ventricular failure	2		2		2
440. Essential benign hypertension with heart disease	10	4	13	1	14
442. Hypertensive heart disease with arteriolar nephrosclerosis	11	9	16	4	20
443. Other and unspecified hypertensive heart disease		1	1		1
444. Essential benign hypertension without mention of heart	25	24	40	9	49
445. Essential malignant hypertension without mention of heart	1			1	1
446. Hypertension with arteriolar nephrosclerosis without mention of heart	1	1	2		2
447. Other hypertensive disease without mention of heart	3	2	5		5
450.0 General arteriosclerosis: without mention of gangrene	105	83	154	34	188
451. Aortic aneurysm specified as nonsyphilitic and dissecting aneurysm	3		3		3
452. Other aneurysm, except of heart and aorta	1			1	1
454. Arterial embolism and thrombosis	1			1	1
460. Varicose veins of lower extremities	1		1		1
464. Phlebitis and thrombophlebitis of other sites	3	1	4		4
467.2 Other and unspecified circulatory diseases	1			1	1
470. Acute nasopharyngitis (common cold)		1	1		1
475. Acute upper respiratory infection of multiple or unspecified sites	1		1		1
480. Influenza with pneumonia		1	1		1
481. Influenza with other respiratory manifestations and influenza unqualified	1		1		1
490. Lobar Pneumonia	8	3	7	4	11
491. Bronchopneumonia	16	8	23	1	24
492. Primary atypical pneumonia		2	2		2
493. Pneumonia, other and unspecified		2	2		2
500. Bronchitis - acute	2		2		2
501. Bronchitis - unqualified	1			1	1
502.1 Chronic Bronchitis: other	1		1		1
521. Abscess of lung		1	1		1
523.0 Silicosis	1		1		1
525. Other chronic interstitial pneumonia	1		1		1
FORWARD	734	439	973	200	1173

	M	F	City	Out	Totals
BROUGHT FORWARD	734	439	973	200	1173
526. Bronchiectasis	3	3	5	1	6
527.0 Other diseases of lung & pleural cavity: pulmonary collapse	1			1	1
527.1 Other diseases of lung & pleural cavity: emphysema without mention of bronchitis	7		5	2	7
527.2 Other diseases of lung & pleural cavity: other	1	1	2		2
540.0 Ulcer of stomach: without mention of perforation	4	1	5		5
540.1 Ulcer of stomach: with perforation		1	1		1
541.0 Ulcer of duodenum: without mention of perforation	2		2		2
541.1 Ulcer of duodenum: with perforation		1	1		1
542.2 Gastrojejunal ulcer: with perforation	1		1		1
543. Gastritis and Duodenitis		1	1		1
550.0 Acute appendicitis: without mention of peritonitis	1		1		1
550.1 Acute appendicitis: with peritonitis	4		3	1	4
560.4 Hernia of abdominal cavity without mention of obstruction: other specified site	1			1	1
561.0 Hernia of abdominal cavity with obstruction: Inguinal	1		1		1
561.3 Hernia of abdominal cavity with obstruction: Ventral (incisional)		1	1		1
570.0 Intestinal obstruction, without mention of hernia: Intussusception	2		2		2
570.2 Intestinal obstruction, without mention of hernia: Mesenteric infarction	2		1	1	2
570.3 Intestinal obstruction, without mention of hernia: Volvulus	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 and 2 years	1		1		1
572.1 Chronic enteritis and ulcerative colitis: Diverticulitis	1		1		1
572.2 Chronic enteritis and ulcerative colitis: Ulcerative colitis	1	1	1	1	2
578. Other diseases of intestines and peritoneum	1	2	3		3
580. Acute and subacute yellow atrophy of liver		1		1	1
581.0 Cirrhosis of liver: without mention of alcoholism	7	5	12		12
581.1 Cirrhosis of liver: with alcoholism	1			1	1
583. Other diseases of Liver		1	1		1
584. Cholelithiasis	2	1	3		3
585. Cholelithiasis without mention of calculi	1	1		2	2
586. Other diseases of gallbladder and biliary ducts	1	2	1	2	3
587.0 Diseases of pancreas: acute pancreatitis		1	1		1
587.1 Diseases of pancreas: chronic pancreatitis	1			1	1
590. Acute nephritis	3		2	1	3
591. Nephritis with odema, including nephrosis		1		1	1
592. Chronic nephritis	6	3	4	5	9
593. Nephritis, not specified as acute or chronic		1		1	1
600.0 Infection of kidney: Pyelitis, pyelocystitis and pyelonephritis	5	6	9	2	11
600.1 Infection if kidney: abscess of kidney and perirenal tissue	1		1		1
600.2 Infection if kidney: other		1	1		1
602. Calculi of kidney and ureter	1			1	1
603. Other diseases of kidney and ureter	2		2		2
604. Calculi of other parts of urinary system	1		1		1
FORWARD	803	477	1053	227	1280

	M	F	City	Out	¹⁷ Totals
BROUGHT FORWARD	803	477	1053	227	1280
606. Other diseases of bladder	1		1		1
609. Other diseases of urethra	1		1		1
610. Hyperplasia of prostate	5		3	2	5
612. Other diseases of Prostate	1		1		1
622. Acute Salphingitis and oophoritis		1	1		1
642.3 Toxaemias of pregnancy: Eclampsia or pregnancy		1	1		1
649. Pregnancy associated with other conditions		1		1	1
684. Puerperal pulmonary embolism		1	1		1
722.0 Rheumatoid arthritis and allied conditions:					
Rheumatoid arthritis	2		2		2
725. Arthritis unspecified	1		1		1
733. Other diseases of Bone		1		1	1
744.1 Inborn defect of muscle		1	1		1
744.2 Other diseases of muscle, tendon and fascia	1		1		1
750. Monstrosity	1			1	1
751. Spina bifida and meningocele	3	4	7		7
752. Congenital hydrocephalus	2	2	3	1	4
753.1 Other congenital malformations of nervous system & sense organs: other	2	1	2	1	3
754.2 Congenital malformations of circulatory system:					
Interventricular septal defect		1	1		1
754.4 Congenital malformations of circulatory system:					
Other and unspecified malformations of heart	5	2	6	1	7
756.0 Congenital malformations of digestive system:					
congenital pyloric stenosis	1	1	2		2
756.2 Congenital malformations of digestive system: other	5	2	5	2	7
757.1 Congenital malformations of genito-urinary system:					
Polycystic disease of kidney	1	1	1	1	2
757.3 Congenital malformations of genito-urinary system:					
Others	1		1		1
759.0 Other and unspecified congenital malformations, not elsewhere classified: Respiratory System		1	1		1
759.2 Other and unspecified congenital malformations, not elsewhere classified: Muscle	1		1		1
759.3 Other and unspecified congenital malformations, not elsewhere classified: Other & unspecified	3	1	4		4
760.0 Intercranial and spinal injury at birth: without mention of immaturity	6	3	5	4	9
761.0 Other birth injury: without mention of immaturity	1	3	3	1	4
762.0 Postnatal asphyxia and atelectasis: without mention of immaturity	4	3	6	1	7
763.0 Pneumonia of newborn: without mention of immaturity	2		1	1	2
768.0 Other sepsis of newborn: without mention of immaturity	2		1	1	2
769.0 Neonatal disorders arising from maternal toxæmia:					
Attributed to toxæmia of pregnancy without mention of immaturity	1		1		1
770.0 Haemolytic disease of newborn: Erythroblastosis without mention of nervous affection or immaturity		2	1	1	2
770.1 Haemolytic disease of newborn: Kernicterus without mention of immaturity	1			1	1
774. Immaturity with mention of any other subsidiary condition	17	5	14	8	22
776. Immaturity, unqualified	29	18	38	9	47
782.4 Symptoms referable to cardiovascular and lymphatic system: acute heart failure undefined	1	2	2	1	3
FORWARD	904	535	1173	266	1439

		<u>M</u>	<u>F</u>	<u>City</u>	<u>Out</u>	¹⁸ <u>Totals</u>
BROUGHT FORWARD		904	535	1173	266	1439
784.5	Symptoms referable to upper gastrointestinal tract: Haematemesis		1	1		1
788.0	Other general symptoms: Dehydration		1	1		1
790.1	Nervousness and debility: Debility & undue fatigue		1		1	1
794.	Senility without mention of psychosis	24	31	41	14	55
795.5	Ill-defined and unknown causes of morbidity and mortality: Other unknown & unspecified causes	39	16	50	5	55
E800	Railway accidents involving railroad employees	1		1		1
E812	Motor vehicle traffic accident involving pedestrian	9	6	12	3	15
E815	Motor vehicle traffic accident to rider or passenger of motorcycle in collision with other motor vehicle	1		1		1
E816	Other motor vehicle traffic accident involving two or more motor vehicles	4	1		5	5
E822	Motor vehicle traffic accident involving overturning in roadway	1		1		1
E823	Motor vehicle traffic accident involving running off roadway	2		2		2
E824	Other non-collision motor vehicle traffic accident	1			1	1
E844	Accident to pedestrian caused by other nonmotor road vehicle	1		1		1
E874	Accidental poisoning by other analgesic and soporific drugs		1	1		1
E886	Accidental poisoning by arsenic and antimony and their compounds	1		1		1
E888	Accidental poisoning by other and unspecified solid and liquid substances	1		1		1
E890	Accidental poisoning by utility (illuminating) gas	2	1	3		3
E891	Accidental poisoning by motor vehicle exhaust gas	1		1		1
E900	Accidental falls; Fall on stairs	1	1	2		2
E901	Accidental falls: Fall from ladders	1		1		1
E902	Other falls from one level to another	2		2		2
E903	Fall on same level	7	2	6	3	9
E914	Accident caused by electric current	1		1		1
E919	Accident caused by firearm	1		1		1
E921	Inhalation and ingestion of food causing obstruction or suffocation		1	1		1
E929	Accidental drowning and submersion	1	1	1	1	2
E951	Therapeutic misadventure in infusion or transfusion	1			1	1
E954	Therapeutic misadventure in anaesthesia	1			1	1
E955	Other and unspecified therapeutic misadventures	1		1		1
E970	Suicide and self-inflicted poisoning by analgesic and soporific substances	1	1	2		2
E972	Suicide and self-inflicted poisoning by other gases in domestic use	2		1	1	2
E973	Suicide and self-inflicted poisoning by other gases	2		2		2
E974	Suicide and self-inflicted injury by hanging and strangulation	3	1	3	1	4
E975	Suicide and self-inflicted injury by submersion (drowning)		1	1		1
E976	Suicide and self-inflicted injury by firearms and explosives	3		2	1	3
FORWARD		1020	602	1318	1304	1622

		<u>M</u>	<u>F</u>	<u>City</u>	<u>Out</u>	<u>Totals</u>
BROUGHT FORWARD		1020	602	1318	304	1622
E977	Suicide and self-inflicted injury by cutting and piercing instruments		1	1		1
E979	Suicide and self-inflicted injury by other and unspecified means		1	1		1
E981	Assault by firearms and explosives	1		1		1
E982	Assault by cutting and piercing instruments	1		1		1
E983	Assault by other means	1		1		1
TOTAL		1023	604	1323	304	1627

Diphtheria Antitoxin, syringe packages	20,000 units	2
" " " " " "	1,000 units	-
Scarlet Fever Antitoxin	9,000 units	10
" " " " " "	3,000 units	12
Diphtheria Toxoid, packages for one person		250
" " " " " " of 5 x 5 cc.		29
Material for Dick Test		17
" " " " " " " "		72
Scarlet Fever Toxoid, packages for one person		24
Portusella Vaccine		21
Combined Portusella vaccine and Diphtheria Toxoid for one person		200
Combined Portusella Vaccine, Diphtheria & Tetanus Toxoid, for one person		2,701
" " " " " " " " of 5 x 5 cc.		233
One Gonorrhea antivenin, vials of 4,000 units		21
" " " " " " " " 10,000 units		30
Tetanus antitoxin, syringe packages of 1,000 units		204
" " " " " " " " 10,000 units		5
" " " " " " " " 20,000 units		21
Staphylococcus Toxoid, packages of 2 cc's.		70
Anti-Measles Serum, packages of 5 cc's		233
Tetanus Toxoid, packages for one person		10
T.S.T. (Tetanus Toxoid, Paratyphoid & Typhoid Vaccine) 3 cc. vials		179
Combined Diphtheria & Tetanus Toxoid, for one person		130
" " " " " " " " of 5 x 5 cc.		15
Smallpox Vaccine, individual capillary tubes		7,624
Typhoid & Paratyphoid Vaccine, pkg. for one person		96
" " " " " " " " of 10 cc.		100
Immune Serum Globulin, 3 cc. pkg.		252

The above material distributed is supplied free by the Provincial Department of Health through the Western Area, and is from laboratory.

Self Vaccine - Polio Vaccine -- refer to report of Dr. L. S. Allen, M.D., M.B.

IMMUNIZATION REPORT 1955

20.

	Quantity Distributed by Health Dept. (enough for)	Number of persons given complete treatment by the Health Dept. (schools not incl.)	Reinforc- ing doses given
Diphtheria Toxoid	3,450 approx.....	36	94
Diphtheria & Pertussis combined	202	10	21
Diphtheria, Pertussis & Tetanus combined	10,500 approx.....	2,613	1,933
Diphtheria & Tetanus Toxoid combined	750 "	145	37
Anti-Measles Serum	233	--	--
Pertussis Vaccine	62	5	9
Smallpox Vaccine	7,654	4,366 incl. revaccination	
Scarlet Fever Toxin	26	2	--
T.A.B.T.	179	40	--
TABTD (Armed Forces issue)	--	20	--
Tetanus Toxoid	48	6	--
Typhoid & Paratyphoid Vaccine	650 approx. ...	95	--
Rocky Mtn. Spotted Fever	--		3
Cholera	--	70	--
Typhus	--	32	--

SERA AND VACCINE DISTRIBUTED FOR USE IN CALGARY 1955

Diphtheria Antitoxin, syringe packages	20,000 units	2
" " " "	1,000 units	-
Scarlet Fever Antitoxin " "	9,000 units	10
" " " "	3,000 units	12
Diphtheria Toxoid, packages for one person		258
" " " of 6 x 6 cc.		89
Material for Dick Test		17
" Schick Test		72
Scarlet Fever Toxin, packages for one person		26
Pertussis Vaccine " " "		62
Combined Pertussis Vaccine and Diphtheria Toxoid for one person		202
Combined Pertussis Vaccine, Diphtheria & Tetanus Toxoid, for one person		2,761
" " " " " , pkge. 6 x 6 cc.		228
Gas Gangrene Antitoxin, vials of 4,000 units		63
" " " " 10,000 units		38
Tetanus Antitoxin, syringe packages of 1,500 units		646
" " " " 10,000 units		5
" " " " 20,000 units		21
Staphylococcus Toxoid, packages of 2 cc's.		70
Anti-Measles Serum, packages of 5 cc's		233
Tetanus Toxoid, packages for one person		48
T.A.B.T. (Tetanus Toxoid, Paratyphoid & Typhoid Vaccine) 3 cc. vials		179
Combined Diphtheria & Tetanus Toxoid, for one person		230
" " " " , pkge. of 6 x 6 cc.		15
Smallpox Vaccine, individual capillary tubes		7,654
Typhoid & Paratyphoid Vaccine, pkge. for one person		56
" " " " of 10 cc.		100
Immune Serum Globulin, 5 cc. pkge.		258

The above material distributed is supplied free by the Provincial
Department of Health through the Southern Alta. Bch. of the Prov. Laboratory.

Salk Vaccine - Polio Program -- refer to report of Dr. L. C. Allan, Asst. MHO.

REPORT OF INOCULATION CLINICS FOR 1955

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTALS
Inoculations	2213	2470	1898	1307	1821	1671	1201	1298	1247	1232	1410	928	18,696
Swabs taken	-	-	-	-	-	-	-	-	-	-	-	-	--
Vaccinations	398	658	1348	404	410	301	54	104	136	239	227	87	4,366
Dick Tests	-	-	-	-	2	-	-	1	-	1	-	-	4
Schick Tests	30	36	32	31	36	26	8	23	32	36	22	2	314
Tuberculin Tests	15	25	25	18	26	-	-	15	15	615	19	-	773
Investigations made	24	7	11	8	3	3	3	6	8	7	6	2	88
Total visits made	121	92	118	82	52	66	58	85	94	91	99	96	1,054
First Aid Treatment given	-	-	1	-	2	-	3	2	-	2	-	-	10
TOTALS	2801	3288	3433	1850	2352	2067	1327	1534	1532	2223	1783	1115	25,305

REPORT OF THE INDUSTRIAL NURSE AND SUPERVISOR OF
NURSING HOMES.

Nursing Home Inspections	203
Unsatisfactory findings	17
Licences revoked	1
Industrial Calls	299
Surgical dressings & treatments	46
Medical examinations	10
Vision tests	94
	—
TOTAL	670
	==

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

Dear Sir:

Herewith is a report of the work of the Division of Sanitary Inspection for the year 1955.

DISTRICT SANITARY SUPERVISION

The Inspectors have applied themselves diligently to the many problems that have confronted them during the year. Considerable educational work has been done and the efforts of the Inspectors in this regard are reflected in the progressive improvement shown in the operation of restaurants and other places of public accommodation.

Weather conditions were such that practically the whole of the City was sprayed twice during the season, with D.D.T., for the control of flies. The work is carried out under the supervision of this Department and has been quite effective in keeping these pests to a minimum.

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	1639	1383	1608	1486	1807	1606	2346	1711	1305	1378	1719	1573	19561
Notices Issued - Written	15	8	9	7	12	12	26	20	8	7	6	9	139
Notices Issued - Verbal	435	381	420	374	431	473	618	479	326	328	435	342	5042
Complaints Received	53	57	57	64	58	81	73	51	39	37	41	25	636
Complaints Justified	44	46	45	52	49	61	56	40	51	30	29	14	517
Prosecutions	-	-	1	-	-	1	-	-	-	-	-	-	2
TOTALS	2186	1875	2140	1983	2357	2234	3119	2301	1729	1780	2230	1963	25897

QUARANTINE

The incidence of reportable diseases shows a sharp reduction over the previous year. The Inspector concerned with this work has been able to devote more time to District Sanitary Supervision.

The Quarantine report is as follows:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Houses quarantined	55	22	21	17	16	24	8	24	25	22	23	12	269
Houses released from Quarantine	23	17	20	4	6	4	14	13	10	16	17	22	166
TOTALS	78	39	41	21	22	28	22	37	35	38	40	34	435

Dear Sir:

Reference is made to the report of the work of the Division of Sanitary Inspection for the year 1912.

Sanitary Inspection

The Inspector has during the year 1912, been engaged in the work of inspecting the houses and premises in the City of Calgary, and the results of his work are set forth in the following table. The work has been done in accordance with the instructions of the Board of Health, and the results show a marked improvement in the sanitary condition of the City.

The Inspector has during the year 1912, been engaged in the work of inspecting the houses and premises in the City of Calgary, and the results of his work are set forth in the following table. The work has been done in accordance with the instructions of the Board of Health, and the results show a marked improvement in the sanitary condition of the City.

The following is a statement of the work of the Division of Sanitary Inspection for the year 1912:

Sanitary Inspection											
Inspection											
Houses Inspected -											
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The Food Inspectors report shows that considerably less foodstuffs were condemned than during the previous year.

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

8 lbs. spiced ham	100 lbs. corn on the cob
50 lbs. hamburger	100 lbs. beef fat

MEAT INSPECTION

This Department had their usual busy year. The statistical report follows:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
SUBMITTED													
Beef	359	288	375	236	314	345	295	371	316	266	316	282	3,763
Veal	270	283	315	197	242	277	204	336	270	338	339	303	3,374
Hogs	70	39	56	41	28	59	83	66	57	67	137	51	754
Sheep & Lamb	2	4	1	20	2	-	62	1	42	10	6	5	155
TOTALS	701	614	747	494	586	681	644	774	685	681	798	641	8,046
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
CONDEMNED													
Beef	2	-	2 $\frac{1}{4}$	2	1	-	-	$\frac{1}{2}$	$\frac{1}{2}$	-	1	1	10 $\frac{1}{4}$
Veal	2	1	3	1	-	1	-	-	-	-	-	2	10
Hogs	3/4	$\frac{1}{4}$	-	4	1	1	-	1	-	-	$\frac{1}{4}$	-	8 $\frac{1}{4}$
Sheep & Lamb	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS	4 3/4	1 $\frac{1}{4}$	5 $\frac{1}{4}$	7	2	2	-	1 $\frac{1}{2}$	$\frac{1}{2}$	-	1 $\frac{1}{4}$	3	28 $\frac{1}{2}$
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
PORTIONS CONDEMNED													
Beef heads & tongues	12	16	13	7	14	10	2	15	14	11	9	16	139
Beef Hearts	15	9	18	8	10	13	3	11	6	3	7	9	112
Beef livers	68	43	58	49	72	96	128	70	50	27	32	44	737
Veal heads & tongues	8	10	14	10	8	9	1	7	3	4	7	5	86
Veal hearts	1	-	1	2	-	-	-	2	-	5	5	3	19
Veal livers	8	15	9	12	17	13	2	10	3	9	11	9	118
Hog heads & tongues	8	2	4	4	2	8	8	5	2	4	7	5	59
Hog hearts	6	-	2	5	3	2	-	4	3	2	4	1	32
Hog livers	2	3	4	11	8	5	4	6	10	5	5	5	68
Sheep livers	1	-	-	-	1	-	6	-	3	-	2	-	13
TOTALS	129	98	123	108	135	156	154	130	94	70	89	97	1,383

FOOD INSPECTION

The Food Inspection report shows that considerable loss had occurred during the previous year.

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

8 lbs. of beef

100 lbs. of pork

100 lbs. of lamb

MEAT INSPECTION

The following is a report of meat consumed during the year:

This inspection was made on the 1st day of the year.

8 lbs. of beef

100 lbs. of pork

100 lbs. of lamb

100 lbs. of mutton

100 lbs. of veal

100 lbs. of chicken

100 lbs. of turkey

100 lbs. of duck

100 lbs. of geese

100 lbs. of swans

100 lbs. of fish

100 lbs. of shellfish

100 lbs. of eggs

100 lbs. of butter

100 lbs. of cheese

100 lbs. of milk

100 lbs. of cream

100 lbs. of sugar

100 lbs. of flour

100 lbs. of meal

100 lbs. of bran

100 lbs. of hulls

100 lbs. of straw

100 lbs. of hay

100 lbs. of wood

100 lbs. of coal

100 lbs. of oil

100 lbs. of soap

100 lbs. of candles

100 lbs. of kerosene

100 lbs. of gas

100 lbs. of electricity

100 lbs. of water

100 lbs. of steam

100 lbs. of heat

100 lbs. of light

100 lbs. of sound

100 lbs. of smell

100 lbs. of taste

100 lbs. of touch

100 lbs. of feeling

100 lbs. of thought

The Inspectors concerned with this work have devoted their very best efforts towards the production, processing and sale of high quality milk and cream for our citizens. It is gratifying to report that the average bacteriological plate counts have been reduced very considerably.

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	449	510	392	573	531	385	152	542	603	638	623	306	5,704
GRADE 2	171	172	123	96	124	181	96	95	70	51	42	31	1,252
GRADE 3	102	37	211	33	53	144	104	65	45	23	42	17	876

SEDIMENT TESTS

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
GRADE 1	390	270	250	230	210	363	154	284	265	207	286	143	3,052
GRADE 2	296	404	430	434	429	320	177	377	405	455	407	187	4,321
GRADE 3	36	45	40	38	69	27	21	41	48	52	14	24	455

AVERAGE OFFICIAL PLATE COUNT

Standard	8,300	Jersey	8,100
Homogenized	8,500	Sub Standard Cream	7,700
Nursery	8,400	Whipping Cream	26,600

AVERAGE BUTTERFAT CONTENT

Standard Milk	3.40%	Jersey	4.77%
Homogenized	3.48%	Superior	10.30%
Nursery	3.39%		

Total Milk Sales in quarts 20,372,578

Total Cream Sales in quarts 1,657,205

Per capita, per day consumption: Milk 0.712 pints
Cream 0.058 pints

LABORATORY

The Laboratory is becoming more valuable to the Department as time goes on. Routine examinations are made on water, milk and foods.

The following is a statistical report:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Examination of Water Samples	227	141	143	149	156	200	185	226	142	154	142	144	2,009
Examination of Milk and Milk Products	786	837	893	724	663	936	430	799	800	798	584	438	8,688
Food & Drink examinations	15					24							39
Misc. examinations	3	9	21	8	18	13	7	6	1	1			87
TOTALS	1031	987	1057	881	837	1173	622	1031	943	953	726	582	11,823

CONCLUSIONS

25.

It is felt that the Division of Sanitation has had a successful year. Much has been accomplished and much remains to be done. It is our aim to be progressive in the sanitary supervision of the City. The inspectors wish me to convey to you, Sir, their appreciation for the kindly counsel you have given whenever it has been requested.

Respectfully submitted,

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

MILK AND DAIRY INSPECTION

26.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Dairy Farm Inspections	142	62	104	63	113	123	84	92	53	122	99	108	1165
Milk Plant Inspections	67	63	68	71	64	58	61	40	62	59	57	52	722
Permits issued to Dairymen	1	0	3	4	4	1	0	0	4	4	5	0	26
Permits issued to Cowkeepers	16	-	-	-	-	-	-	-	-	-	-	-	16
Permits issued to Distributors	4	-	1	-	-	-	-	-	-	-	-	-	5
Permits issued to Milk Plants	4	-	1	-	-	-	-	-	-	-	-	-	5
Permits issued to Collectors	-	-	-	31	3	-	-	-	-	-	-	-	34
Complaints received	1	1	1	1	2	3	1	3	2	1	3	2	21
Complaints justified	-	1	1	1	2	2	1	2	2	1	3	2	18
Notices issued	146	209	221	108	168	144	77	84	40	78	67	73	1415
Permits suspended	-	1	3	2	4	7	8	5	6	3	3	-	42
Dairymen's Samples Collected (Total)	1445	1469	1447	1405	1424	1427	704	1416	1439	1426	1416	708	15726
Dairymen's Sediment Tests	722	719	720	702	708	710	352	702	718	714	707	354	7828
Dairymen's Reduc-tase Tests	722	719	726	702	708	710	352	702	718	712	707	354	7832
Special tests on producer's samples	1	31	1	1	8	7	-	12	3	-	2	-	66
Milk condemned lbs.	460	480	240	80	320	480	240	640	360	480	240	360	4380
Milk Cans con-demned - number	7	5	12	10	9	12	30	14	8	16	32	12	167
Distributors samples collected (Total)	85	109	109	93	104	82	90	77	99	98	103	85	1134
" Sediment Tests	36	48	48	36	48	24	36	24	46	46	46	45	483
" Specific Gravity Tests	36	48	48	36	48	24	36	24	46	46	46	45	483
" Butter Fat Tests	36	48	48	36	48	24	36	24	46	46	46	45	483
" Phosphatase Tests	36	48	48	36	48	24	36	24	46	46	46	45	483
" Plate Count Tests	49	55	59	57	56	56	53	53	51	51	54	40	634
" B. Coli Tests	49	55	59	57	56	56	53	53	51	51	54	40	634
Special tests of Dis-tributors samples	-	6	2	-	-	2	1	-	2	1	3	-	17
Total samples collected	1530	1578	1556	1498	1528	1509	794	1493	1538	1524	1519	793	16860

WATER QUALITY DATA

Station	Date	Temp	pH	DO	TSS	NO3	NO2	Ammonia	Chlorophyll	Algae	Plankton	Macroinvertebrates	Microinvertebrates	Protozoa	Other
1	10/1/80	18.5	7.2	6.5	120	15	5	0.5	1.2	0.8	0.5	0.2	0.1	0.05	0.02
2	10/2/80	19.0	7.5	6.8	110	18	6	0.6	1.5	0.9	0.6	0.3	0.2	0.08	0.03
3	10/3/80	18.8	7.3	6.6	130	16	7	0.7	1.4	1.0	0.7	0.4	0.3	0.1	0.04
4	10/4/80	19.2	7.6	7.0	100	20	8	0.8	1.6	1.1	0.8	0.5	0.4	0.12	0.05
5	10/5/80	18.9	7.4	6.7	140	17	9	0.9	1.5	1.2	0.9	0.6	0.5	0.15	0.06
6	10/6/80	19.1	7.7	7.1	90	22	10	1.0	1.7	1.3	1.0	0.7	0.6	0.18	0.07
7	10/7/80	18.7	7.1	6.4	150	14	4	0.4	1.1	0.7	0.4	0.2	0.1	0.06	0.02
8	10/8/80	19.3	7.8	7.2	80	25	11	1.1	1.8	1.4	1.1	0.8	0.7	0.2	0.08
9	10/9/80	18.6	7.0	6.3	160	13	3	0.3	1.0	0.6	0.3	0.1	0.08	0.05	0.01
10	10/10/80	19.4	7.9	7.3	70	28	12	1.2	1.9	1.5	1.2	0.9	0.8	0.25	0.1
11	10/11/80	18.4	6.9	6.2	170	12	2	0.2	0.9	0.5	0.2	0.08	0.09	0.04	0.01
12	10/12/80	19.5	8.0	7.4	60	30	13	1.3	2.0	1.6	1.3	1.0	0.9	0.3	0.12
13	10/13/80	18.3	6.8	6.1	180	11	1	0.1	0.8	0.4	0.1	0.06	0.1	0.03	0.01
14	10/14/80	19.6	8.1	7.5	50	32	14	1.4	2.1	1.7	1.4	1.1	1.0	0.35	0.15
15	10/15/80	18.2	6.7	6.0	190	10	0	0.0	0.7	0.3	0.08	0.05	0.12	0.02	0.01
16	10/16/80	19.7	8.2	7.6	40	35	15	1.5	2.2	1.8	1.5	1.2	1.1	0.4	0.18
17	10/17/80	18.1	6.6	5.9	200	9	0	0.0	0.6	0.2	0.06	0.04	0.14	0.01	0.01
18	10/18/80	19.8	8.3	7.7	30	38	16	1.6	2.3	1.9	1.6	1.3	1.2	0.45	0.2
19	10/19/80	18.0	6.5	5.8	210	8	0	0.0	0.5	0.1	0.04	0.03	0.16	0.005	0.01
20	10/20/80	19.9	8.4	7.8	20	40	17	1.7	2.4	2.0	1.7	1.4	1.3	0.5	0.22
21	10/21/80	17.9	6.4	5.7	220	7	0	0.0	0.4	0.08	0.03	0.02	0.18	0.002	0.01
22	10/22/80	20.0	8.5	7.9	10	42	18	1.8	2.5	2.1	1.8	1.5	1.4	0.55	0.25
23	10/23/80	17.8	6.3	5.6	230	6	0	0.0	0.3	0.06	0.02	0.01	0.2	0.001	0.01
24	10/24/80	20.1	8.6	8.0	5	45	19	1.9	2.6	2.2	1.9	1.6	1.5	0.6	0.28
25	10/25/80	17.7	6.2	5.5	240	5	0	0.0	0.2	0.04	0.01	0.005	0.22	0.0005	0.01
26	10/26/80	20.2	8.7	8.1	0	48	20	2.0	2.7	2.3	2.0	1.7	1.6	0.65	0.3
27	10/27/80	17.6	6.1	5.4	250	4	0	0.0	0.1	0.02	0.005	0.002	0.24	0.0002	0.01
28	10/28/80	20.3	8.8	8.2	0	50	21	2.1	2.8	2.4	2.1	1.8	1.7	0.7	0.32
29	10/29/80	17.5	6.0	5.3	260	3	0	0.0	0.05	0.01	0.002	0.001	0.26	0.0001	0.01
30	10/30/80	20.4	8.9	8.3	0	52	22	2.2	2.9	2.5	2.2	1.9	1.8	0.75	0.35
31	10/31/80	17.4	5.9	5.2	270	2	0	0.0	0.02	0.005	0.001	0.0005	0.28	0.00005	0.01
32	11/1/80	20.5	9.0	8.4	0	55	23	2.3	3.0	2.6	2.3	2.0	1.9	0.8	0.38
33	11/2/80	17.3	5.8	5.1	280	1	0	0.0	0.01	0.002	0.0005	0.0002	0.3	0.00002	0.01
34	11/3/80	20.6	9.1	8.5	0	58	24	2.4	3.1	2.7	2.4	2.1	2.0	0.85	0.4
35	11/4/80	17.2	5.7	5.0	290	0	0	0.0	0.005	0.001	0.0002	0.0001	0.32	0.00001	0.01
36	11/5/80	20.7	9.2	8.6	0	60	25	2.5	3.2	2.8	2.5	2.2	2.1	0.9	0.42
37	11/6/80	17.1	5.6	4.9	300	0	0	0.0	0.002	0.0005	0.0001	0.00005	0.34	0.000005	0.01
38	11/7/80	20.8	9.3	8.7	0	62	26	2.6	3.3	2.9	2.6	2.3	2.2	0.95	0.45
39	11/8/80	17.0	5.5	4.8	310	0	0	0.0	0.001	0.0002	0.00005	0.00002	0.36	0.000002	0.01
40	11/9/80	20.9	9.4	8.8	0	65	27	2.7	3.4	3.0	2.7	2.4	2.3	1.0	0.48
41	11/10/80	16.9	5.4	4.7	320	0	0	0.0	0.0005	0.0001	0.00002	0.00001	0.38	0.000001	0.01
42	11/11/80	21.0	9.5	8.9	0	68	28	2.8	3.5	3.1	2.8	2.5	2.4	1.05	0.5
43	11/12/80	16.8	5.3	4.6	330	0	0	0.0	0.0002	0.00005	0.00001	0.000005	0.4	0.0000005	0.01
44	11/13/80	21.1	9.6	9.0	0	70	29	2.9	3.6	3.2	2.9	2.6	2.5	1.1	0.52
45	11/14/80	16.7	5.2	4.5	340	0	0	0.0	0.0001	0.00002	0.000005	0.000002	0.42	0.0000002	0.01
46	11/15/80	21.2	9.7	9.1	0	72	30	3.0	3.7	3.3	3.0	2.7	2.6	1.15	0.55
47	11/16/80	16.6	5.1	4.4	350	0	0	0.0	0.00005	0.00001	0.000002	0.000001	0.44	0.0000001	0.01
48	11/17/80	21.3	9.8	9.2	0	75	31	3.1	3.8	3.4	3.1	2.8	2.7	1.2	0.58
49	11/18/80	16.5	5.0	4.3	360	0	0	0.0	0.00002	0.000005	0.000001	0.0000005	0.46	0.00000005	0.01
50	11/19/80	21.4	9.9	9.3	0	78	32	3.2	3.9	3.5	3.2	2.9	2.8	1.25	0.6
51	11/20/80	16.4	4.9	4.2	370	0	0	0.0	0.00001	0.000002	0.0000005	0.0000002	0.48	0.00000002	0.01
52	11/21/80	21.5	10.0	9.4	0	80	33	3.3	4.0	3.6	3.3	3.0	2.9	1.3	0.62
53	11/22/80	16.3	4.8	4.1	380	0	0	0.0	0.000005	0.000001	0.0000002	0.0000001	0.5	0.00000001	0.01
54	11/23/80	21.6	10.1	9.5	0	82	34	3.4	4.1	3.7	3.4	3.1	3.0	1.35	0.65
55	11/24/80	16.2	4.7	4.0	390	0	0	0.0	0.000002	0.0000005	0.0000001	0.00000005	0.52	0.000000005	0.01
56	11/25/80	21.7	10.2	9.6	0	85	35	3.5	4.2	3.8	3.5	3.2	3.1	1.4	0.68
57	11/26/80	16.1	4.6	3.9	400	0	0	0.0	0.000001	0.0000002	0.00000005	0.00000002	0.54	0.000000002	0.01
58	11/27/80	21.8	10.3	9.7	0	88	36	3.6	4.3	3.9	3.6	3.3	3.2	1.45	0.7
59	11/28/80	16.0	4.5	3.8	410	0	0	0.0	0.0000005	0.0000001	0.00000002	0.00000001	0.56	0.000000001	0.01
60	11/29/80	21.9	10.4	9.8	0	90	37	3.7	4.4	4.0	3.7	3.4	3.3	1.5	0.72
61	11/30/80	15.9	4.4	3.7	420	0	0	0.0	0.0000002	0.00000005	0.00000001	0.000000005	0.58	0.0000000005	0.01
62	12/1/80	22.0	10.5	9.9	0	92	38	3.8	4.5	4.1	3.8	3.5	3.4	1.55	0.75
63	12/2/80	15.8	4.3	3.6	430	0	0	0.0	0.0000001	0.00000002	0.000000005	0.000000002	0.6	0.0000000002	0.01
64	12/3/80	22.1	10.6	10.0	0	95	39	3.9	4.6	4.2	3.9	3.6	3.5	1.6	0.78
65	12/4/80	15.7	4.2	3.5	440	0	0	0.0	0.00000005	0.00000001	0.000000002	0.000000001	0.62	0.0000000001	0.01
66	12/5/80	22.2	10.7	10.1	0	98	40	4.0	4.7	4.3	4.0	3.7	3.6	1.65	0.8
67	12/6/80	15.6	4.1	3.4	450	0	0	0.0	0.00000002	0.000000005	0.000000001	0.0000000005	0.64	0.00000000005	0.01
68	12/7/80	22.3	10.8	10.2	0	100	41	4.1	4.8	4.4	4.1	3.8	3.7	1.7	0.82
69	12/8/80	15.5	4.0	3.3	460	0	0	0.0	0.00000001	0.000000002	0.0000000005	0.0000000002	0.66	0.00000000002	0.01
70	12/9/80	22.4	10.9	10.3	0	102	42	4.2	4.9	4.5	4.2	3.9	3.8	1.75	0.85
71	12/10/80	15.4	3.9	3.2	470	0	0	0.0	0.000000005	0.000000001	0.0000000002	0.0000000001	0.68	0.00000000001	0.01
72	12/11/80	22.5	11.0	10.4	0	105	43	4.3	5.0	4.6	4.3	4.0	3.9	1.8	0.88
73	12/12/80	15.3	3.8	3.1	480	0	0	0.0	0.000000002	0.0000000005	0.0000000001	0.00000000005	0.7	0.000000000005	0.01
74	12/13/80	22.6	11.1	10.5	0	108	44	4.4	5.1	4.7	4.4	4.1	4.0	1.85	0.9
75	12/14/80	15.2	3.7	3.0	490	0	0	0.0	0.000000001	0.0000000002	0.00000000005	0.00000000002	0.72	0.000000000002	0.01
76	12/15/80	22.7	11.2	10.6	0	110	45	4.5	5.2	4.8	4.5	4.2	4.1	1.9	0.92
77	12/16/80	15.1	3.6	2.9	500	0	0	0.0	0.0000000005	0.0000000001	0.00000000002	0.00000000001	0.74	0.000000000001	0.01
78	12/17/80	22.8	11.3	10.7	0	112	46	4.6	5.3	4.9	4.6	4.3	4.2	1.95	0.95
79	12/18/80	15.0	3.5	2.8	510	0	0	0.0	0.0000000002	0.00000000005	0.00000000001	0.000000000005	0.76	0.0000000000005	0.01
80	12/19/80	22.9	11.4	10.8	0	115	47	4.7	5.4	5.0	4.7	4.4	4.3	2.0	0.98
81	12/20/80	14.9	3.4	2.7	520	0	0	0.0	0.0000000001	0.00000000002	0.000000000005	0.000000000002	0.78	0.0000000000002	0.01
82	12/21/80	23.0	11.5	10.9	0	118	48	4.8	5.5	5.1	4.8	4.5	4.4	2.05	1.0
83	12/22/80	14.8	3.3	2.6	530	0	0	0.0	0.00000000005	0.00000000001	0.000000000002	0.000000000001	0.8	0.0000000000001	0.01
84	12/23/80	23.1	11.6	11.											

REPORT ON CHILD HYGIENE CLINICS
(Infant and Pre-School)
Calgary, Alberta
for the year 1955.

April 27th, 1956.

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 1955.

Attendance: Infants 15, 152 Pre-School 5,283 Total 20,435

There was an increase of 2,615 over that of last year. 128 were from out of town.

New Cases: Infants 2,844 Pre-School 1,230 Total 4,074

<u>Attendance by Clinics:</u>	City Hall	8,376
	Scarboro	5,363
	Killarney	1,621
	North Hill	3,066
	Renfrew	1,612
	Maude Riley Home	397
		<u>20,435</u>

All figures are included in the main report.

Present enrolment	Infants	5,148	
at all City Clinics:	Pre-School	<u>11,839</u>	<u>16,987</u>

Number interviewed by doctors: 5,050

Of 2,622 complete examinations in the 3 - 6 age groups, 1,809 were found to be O.K. and 1,164 missed appointments.

Number interviewed by nurses: 15,385

Visits to homes	6,503
Insulin investigations	<u>40</u>
	<u>6,543</u>

<u>Infant feeding comparison:</u>	Breast 1,922	Bottle 9,486	Others 3,744
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Defects:

Skin	655	Phimosis	53
Ears	80	Intestinal	108
Eyes	151	Congenital malformation	9
Hernia	109	Nose & Throat	59
Chest	148	Tonsils and Adenoids	285
Orthopedic	142	Mentally deficient	3
Nutrition	7	Teeth	686
		CARDIAC	6

CONFIDENTIAL

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1950-1951, 1952-1953

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1895, 1896, 1897.

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Admission to the 1891-1892 season.

2025. 10. 10.

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2000

5034. *Asplenium adnigrum* (L.) Presl. *Verh. Bot. Ver. Bonn* 1845: 127.

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Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group.

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303 of the above cases were referred to private physicians. There have been 12 deaths.

Tonsil and Adenoid operations - 10.

Students:

Calgary General Hospital - 25 for 2 weeks each
15 for $\frac{1}{2}$ day each
Nursing Aides - 233 for $\frac{1}{2}$ day each
Voluntary Workers 356 for $\frac{1}{2}$ day each

Letters:

10,320 letters have been forwarded in connection with clinic work.

The dental appointments for the Pre-School Clinic are now made through the dental clinic.

The Tonsil and Adenoid operations are being performed at the Calgary General Hospital by the head of the Eye, Nose and Throat Service.

In September of this year we generalized our program. The staff nurses now are responsible for the school work as well as the baby clinics and visits in their areas. The visits to Infants - Pre-Schools now appear on the Nurses' monthly reports.

The attendance at the North Hill Clinic in the Nursing Aides School building has increased to such an extent that in April of this year we started holding our clinic every Friday afternoon as well as Wednesday afternoon.

I would again like to thank the Junior Service League members for their help in our clinics. This year they have supplied volunteers for our North Hill Clinic as well as the clinics at Scarboro, Killarney and Renfrew. We also appreciate the help we receive from the School for Nursing Aides.

I wish to say a special "Thank You" to the ladies of the Hounsfield Heights Club for their very generous donation of quilts. We are also indebted to the various firms for cod liver oil and other infant food products.

Respectfully yours,

F.M. MOORE, B.Sc.,
Nurse in Charge,
Infant and Pre-School Clinic, City Hall.

303 of the above cases were referred to private physicians. There have been 12 deaths.

Tonsil and adenoid operations - 10.

Voluntary workers - 25 for 2 weeks each

15 for 1 day each

- 233 for 1 day each

Voluntary Aides

Voluntary workers

- 255 for 1 day each

Voluntary

10,000 letters have been forwarded in connection with clinic work.

The dental appointments for the pre-school clinic are now made through the dental clinic.

The Tonsil and Adenoid operations are being performed at the Calgary General Hospital by the head of the Eye, Nose and Throat Service.

In September of this year we generalized our program. The staff nurses now are responsible for the school work as well as the baby clinics and visits in their areas. The visits to infants & pre-schools now appear on the nurses' monthly reports.

The attendance at the North Hill Clinic in the Nursing Sister School building has increased to such an extent that in April of this year we started holding our clinic every Friday afternoon as well as Wednesday afternoon.

I would again like to thank the doctor service leaders members for their help in our clinics. This year they have supplied volunteers for our North Hill Clinic as well as the clinics at St. George, Wilfrid and Newman. We also appreciate the help & advice from the school for Nursing Aides.

I wish to say a special "Thank You" to the ladies of the Homemakers League Club for their very generous donation of quilts. We are also indebted to the various firms for our liver oil and other infant food products.

Respectfully yours,

M. M. WOOD, B.Sc.

Nurse in Charge

Infant and Pre-school 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 the year 1955, and is presented for your information.

In September, 1955, the School Health Division and the Infant and Welfare Clinics were combined to present a more generalized health service for the citizens. The City was divided into twenty-four designated geographical units with a Public Health Nurse assigned to each unit. Each nurse is responsible for carrying out the Departmental Health programme in all schools within her area. The nurses carry out a home visiting programme to all new born babies and their family within their district. All nurses now conduct routine baby conferences in the several Infant Welfare Clinics conducted throughout the City each week. This new type of programme has resulted in the nurse gaining a much more useful knowledge of the health problems of families requiring guidance within the community. The nurse's time is roughly allocated 50% in the schools, with the balance of time spent in the Infant Welfare Centres and on community home visiting.

During the ten months of the school year a total of 8,247 children received a full medical examination designed to assess their health states. The average pupil enrollment within the City School system numbered approximately 28,500. Thus 30% of the pupils enrolled received a medical examination by one of the school physicians. All children in Grades one and seven were given a routine examination by a physician together with all new entrants into the school system in any grade. In addition pupils screened for medical examination by either nurse or teacher were also examined. Invitations to be present at the medical interview were extended to 6,752 parents in grades other than high school. A total of 4,205 parents attended or 62%. This figure of parental attendance has not varied significantly in the past five years. Where no parent is present at the examination, a brief summary of the results is sent home. Any defects requiring attention are recorded on a special referral form and sent home with the child.

The immunization state of each child is reviewed at examination. 1818 of those examined had never received primary vaccination. This represents 22% and is the same as the previous year. Some 576 children had overrun the seven year interval considered necessary for revaccination. Every effort is made to ensure that all children receive inoculation against diphtheria; nevertheless, 1169 children, or 14% had never been immunized. 1,329 children were found who had received initial protection but were in need of a reinforcing dose. The school nurses, in addition to the groups examined, review the medical history records for outdated and non-inoculated children. Special inoculation sessions are arranged during January to 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.

During the year, 2,753 children were vaccinated in school and 5,317 given a booster dose of diphtheria and tetanus toxoid. It is gratifying to record that 563 children received a complete diphtheria and tetanus 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 7,637 or 92% were considered to qualify for an A Grading; 569 or 6.8% awarded a B Grade;

and 41 or 1.2% had a C Grading.

The general standard of health of the school children is felt to be extremely good.

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

TABLE NO. I

Defects	Number	% of Total Examined
Eyes	382	4.7%
Ears	148	1.8%
Dental	1,908	23.1%
Tonsils & Adenoids	542	6.7%
Cardiac	62	0.8%
Pulmonary	67	0.8%
Abdominal	19	0.2%
Hernia	25	0.3%
Genitalia	39	0.5%
Flat Feet	375	4.7%
Orthopaedic	101	1.2%
Endocrine	15	0.2%
Anaemia	49	0.6%
Nervous System	57	0.7%
Speech	42	0.5%
Others	202	2.5%

and 41 or 1.1% had a C standing.

The general standard of health of the school children is felt to be extremely good.

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

TABLE No. 1

Defects	Number	% of Total Examined
None	382	0.75
Small	148	1.05
Dental	1,208	19.15
Tonsils & Adenoids	242	4.75
Cardiac	62	0.95
Pulmonary	67	0.85
Abdominal	19	0.25
Hernia	25	0.35
Gonorrhea	29	0.45
Flat Feet	375	6.75
Orthopedic	101	1.85
Neurotic	15	0.25
Anemia	49	0.85
Nervous System	37	0.75
Speech	42	0.75
Others	202	3.55

From the examinations, 600 pupils or 7.2% 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 the referral slips completed on behalf of their patients.

On Monday and Thursday afternoons at the City Hall, children are referred by the nurses to the minor ailments clinic. Skin lesions, injuries, eye ailments, earaches, etc., are seen by the physician on duty. 716 children were seen at the minor ailments clinic with 109 referred to their own private doctor for continuation treatment.

The Public Health Nurses have had a very active 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 all children in her schools. The children seek out the nurse and make a great deal of use of her services.

The following summary shows some of the nursing activities:

<u>COMMUNICABLE DISEASES INVESTIGATED</u>		Special Dental Appointments made	267
Measles	205	Conferences regarding Health with:	
Rubella	24	Pupils	17,003
Scarlet Fever	21	Parents	3,146
Whooping Cough	79	Teachers	8,837
Chicken Pox	589	Doctors	476
Mumps	108	Other agencies	562
Others	247		
<u>EXCLUSIONS FROM SCHOOLS</u>		Medical Examinations assisted at	8,247
Suspected Communicable disease	134	Pupils examined by nurses	15,240
Ringworm	14	Vision Tests	22,007
Scabies	9	Dental Inspections	5,308
Impetigo	229	First Aid Treatments	5,426
Infestations	20	Home Visits	2,007
Other reasons	488	Mantoux Tests	1,281
<u>INOCULATIONS:</u>		Vollmer Patch Tests	100
Booster Toxoid Doses	5,317	<u>POLIO VACCINE INOCULATIONS:</u>	
Toxoid Series Completed	563	Polio Vaccine (two doses)	7,566
Vaccinations	2,753	Expectant Mothers (two doses)	986

The results of the Salk Vaccine Field Trial were made known in April, 1955. As 2,636 children had taken part in this experiment, the previous year, the Department was faced with the task of informing parents if their child received vaccine or the placebo substance. The pre arranged plan was put into effect and parents were notified of the nature of the child's inoculation within 48 hours of the key to the code being received by the Department. 1,328 children had received vaccine and 1,308 had received the placebo substance. All children still within the City who had received the placebo substance were subsequently inoculated with the Salk Vaccine. In addition, all children in Grades I and II in the City School system received two doses of Salk Vaccine upon receipt of a parental request slip. 7,566 children in all were given the Salk Vaccine. Polio Vaccine (two doses) was also administered to 986 Expectant Mothers expecting the birth of a child during the months of July, August and September. The incidence of Poliomyelitis in the

from the examination, 600 children of 1-5 were referred to the Family Physician either on account of some condition 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 the referred child and listed on behalf of their patients.

On Monday and Tuesday afternoon at the City Hall, children are referred to the nurses to the minor ailments clinic. In addition, dentists, oculists, etc., are seen by the physician on duty. The children were seen at the minor ailments clinic with 100 referred to their own private doctors for continuation treatment.

The Public Health Nurses have had a very active year and performed a vast amount of administrative work in addition to the following summary will testify. Each nurse carries a very personal interest in the welfare of all children in her school. The children need not the nurse and make a great deal of use of her services.

The following summary shows some of the nursing activities:

SUGGESTED COMMUNICABLE DISEASES		SPECIAL NURSING ACTIVITIES	
Measles	100	Conferences regarding Health Clinic	17.00
Scarlet Fever	25	Public Health	3.00
Diphtheria	25	Conferences	8.00
Whooping Cough	75	Conferences	1.00
Chicken Pox	200	Conferences	1.00
Small Pox	100	Conferences	1.00
Scarlet	200	Conferences	1.00
TOTALS		Medical examinations conducted at	8.00
SUGGESTED COMMUNICABLE DISEASES		Public Health	15.00
Measles	100	Public Health	25.00
Scarlet Fever	25	Public Health	2.00
Diphtheria	25	Public Health	2.00
Whooping Cough	75	Public Health	1.00
Chicken Pox	200	Public Health	1.00
Small Pox	100	Public Health	1.00
Scarlet	200	Public Health	1.00
TOTALS		Public Health	7.00
SUGGESTED COMMUNICABLE DISEASES		Public Health	2.00
Measles	100	Public Health	1.00
Scarlet Fever	25	Public Health	1.00
Diphtheria	25	Public Health	1.00
Whooping Cough	75	Public Health	1.00
Chicken Pox	200	Public Health	1.00
Small Pox	100	Public Health	1.00
Scarlet	200	Public Health	1.00
TOTALS		Public Health	7.00

The results of the Salt Vaccine Field Trial were made known in April, 1937. As 2,500 children had taken part in this experiment, the previous year, the Department was faced with the task of informing parents if their child received vaccine on the placebo substance. The one hundred and one children of the Department were notified of the nature of the child's inoculation within 48 hours of the day for the vaccine being received by the Department. 1,250 children had received vaccine and 1,250 had received the placebo substance. All children still within the City who had received the placebo substance were immediately inoculated with the Salt Vaccine. In addition, all children in grades 1 and 2 in the City School system received two doses of Salt Vaccine upon receipt of a parental request. 7,500 children in all were given the Salt Vaccine. Public Vaccine (two doses) was also administered to 850 Suggestive Mothers existing the birth of a child during the months of July, August and September. The incidence of rotavirus in the

City during 1955 amounted to only 22 cases. Two doubtful cases of Polio were recorded in the inoculated group; one a child and one in an expectant mother. In neither instance was there any paralysis.

The Grade X pupils in the five high schools were all offered a Mantoux Test in the Tuberculosis programme. Of 1,526 pupils in Grade X, 1,277 accepted the Mantoux test with a further 100 accepting a Patch test but refusing the intradermal test. 75 or 5.8% of those tested showed a positive result. An additional 44 pupils admitted knowing they were positive reactors from previous tests received. No case of active tuberculosis was discovered during the programme. All positive reactors were x-rayed at the Baker Memorial Sanitorium.

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

At the discretion of the school nurses certain children were selected to receive a half pint of milk free on each school day through the months of January to June. The cost to the Department for this service amounted to \$2,530.01.

During 1955, 33 children were provided with glasses free of charge. In all cases the economic circumstances of the family was carefully checked before the charge was made to the City. The cost of this service to the Department was \$230.80.

Through Federal Health Grants, the Health Department purchased a Maico Group testing Audiometer with twenty headpieces. Each child in Grade 3 was given an audiometer test as a routine screening measure during the school year 1955-56.

This Department deeply appreciates the professional advice and services given by certain ophthalmologists in connection with several eye disabilities referred to them during the year.

I should like to express grateful thanks to all members of the Infant Welfare and School Division for their loyalty and co-operation and for the excellent manner in which their several duties have been discharged throughout the year.

Respectfully submitted,

Leslie C. Allan, M.B., ChB., D.P.H.,
Assistant Medical Officer of Health,
City of Calgary, Alberta.

Only during 1955 amounted to only 23 cases. Two doubtful cases of Polio were reported in the immediate group; one a child and one in an expectant mother. In neither instance was there any paralysis.

The Grade 2 pupils in the five high schools were all offered a Mantoux test in the tuberculosis program. Of 1,500 pupils in Grade 2, 1,247 accepted the Mantoux test with a further 100 accepting a Papan test but refusing the latter. 75 of 1,347 of those tested showed a positive result. An additional 44 pupils admitted showing they were positive reactors from previous tests received. 32 cases of active tuberculosis was discovered during the program. All positive reactors were re-tested at the St. Mary's Hospital.

The vitamin supplement tablets were again made available to school children during the year. These tablets are easily swallowed and are a very popular means of preventing a vitamin deficiency in school children.

At the discretion of the school nurses certain children were selected to receive a half pint of milk free on each school day through the month of January to June. The cost to the Department for this service amounted to \$2,500.00.

During 1955, 33 children were provided with glasses free of charge. In all cases the ophthalmic prescriptions of the family were carefully checked before the change was made to the City. The cost of this service to the Department was \$230.00.

Through Federal Health Grants, the Health Department purchased a Maltose Group Testing Apparatus with twenty headpieces. Each child in Grade 2 was given an anti-streptococcal test as a routine screening measure during the school year 1954-55.

This Department greatly appreciates the professional advice and services given by certain ophthalmologists in connection with several eye disabilities referred to them during the year.

I should like to express grateful thanks to all members of the Infant Welfare and School Division for their loyalty and co-operation and for the excellent manner in which their several duties have been discharged throughout the year.

Respectfully submitted,

Leslie G. Allen, M.B., Ch.B., F.R.C.,
Assistant Medical Officer of Health,
City of Calgary, Alberta.

PRE-SCHOOL AND SCHOOL DENTAL SERVICES

The Policy in the School Dental Clinic remained basically the same, offering dental inspection and treatment to Grades I and II and dental inspection of all Grades III and IV children. In September, an experiment was begun to determine the effect, if any, of the school inspection, on the percentage of children seeking dental care. As a result, Grade III children were not examined the last half of the year, but were given cards advising them to have an examination by their family dentist.

Lacking a dental hygienist, educational work with teachers and pupils was necessarily curtailed, although, the Public Health Nurses continued to do a great deal for the Dental Division, in spite of an overburdened schedule.

A survey of the oral health of all grades of school children was completed in November, with the assistance of volunteer workers from the Central Volunteer Bureau and many of the local dental practitioners, on a voluntary basis. The assistance of these interested people is gratefully acknowledged. Some 2,700 children were examined and charted in connection with the survey.

Briefly, some of the results of the survey follow:

Average number of decayed, missing and filled permanent teeth per child by age (D M F).

Age	Decayed	Filled	Missing and to be Lost	Total D M F
5	0.64	0.39	0.01	1.04
6	0.80	0.12	0.02	0.94
7	1.48	0.64	0.02	2.14
8	1.91	1.14	0.08	3.13
9	1.89	1.33	0.08	3.30
10	1.86	1.96	0.07	3.89
11	2.46	2.11	0.27	4.84
12	2.74	2.91	0.48	6.13
13	3.30	3.81	0.56	7.67
14	3.81	4.31	0.82	8.94
15	5.95	4.80	1.31	12.06
16	4.84	6.90	1.33	13.07
17	4.55	7.66	1.50	13.71
18	3.27	6.45	2.03	11.75

THE SCHOOL AND SCHOOL DENTAL SERVICES

The Bureau in the School Dental Clinic remained practically the same, offering dental inspection and treatment to Grades I and II and dental inspection of all Grades III and IV children. In September, an experiment was begun to determine the effect, if any, of the school inspection on the percentage of children seeking dental care. As a result, Grade III children were not examined the first half of the year, but were given cards advising them to have an examination by their family dentist.

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Briefly, some of the results of the survey follow:

Average number of decayed, missing and filled permanent teeth per child by age (D.D.T.).

Age	Decayed	Filled	Missing and to be lost	Total D.D.T.
5	0.04	0.32	0.01	1.00
6	0.00	0.12	0.02	0.94
7	1.48	0.64	0.02	2.14
8	1.21	1.14	0.08	2.43
9	1.23	1.33	0.08	2.64
10	1.66	1.96	0.07	3.69
11	2.46	2.11	0.27	4.84
12	2.94	2.91	0.48	6.33
13	3.30	3.81	0.56	7.67
14	3.61	4.31	0.82	8.74
15	2.92	4.60	1.31	12.83
16	4.04	6.30	1.33	18.07
17	4.22	7.66	1.50	13.38
18	3.27	6.42	2.02	11.71

Average number of decayed, missing and filled permanent and deciduous teeth per child by age (D M F d e f) (5 - 10 years inclusive).

Age	Decayed	Filled	Missing and to be lost	Total D M F d e f
5	3.40	2.81	0.81	7.02
6	3.81	2.63	1.00	7.44
7	4.28	3.56	1.89	10.03
8	4.38	3.87	2.24	10.49
9	4.02	3.41	2.43	9.80
10	3.08	2.93	2.60	8.61

Percent of Children by age where:

Dental Care was poor: (where at least one open cavity was found in the mouth)

Dental Care was good: (Where all necessary restorative work was completed, or never necessary, but orthodontic or malocclusion defects remained uncorrected or not under treatment)

Dental Care was excellent: (no uncorrected defects or defects such as malocclusions present but under treatment)

Age	Poor	Good	Excellent
5	73.8	8.7	17.5
6	72.2	12.0	15.8
7	86.8	8.2	5.0
8	84.6	12.5	2.8
9	86.2	10.5	3.3
10	79.7	14.1	6.2
11	74.5	18.5	7.0
12	74.3	18.2	7.5
13	81.1	12.1	6.8
14	76.2	14.4	9.4
15	85.5	11.0	3.4
16	86.2	9.0	4.8
17	76.5	14.7	8.8
18	88.3	18.2	4.5
Average all ages	80.1	12.7	7.3

inclusion of the number of deaths, missing and killed persons and
 the number of deaths per child per year (0.5 to 1.0 years)

Age	Unrecovered	Unrecovered to be lost	Unrecovered to be lost
2	3.40	2.81	7.02
4	3.31	2.63	7.44
7	4.28	3.56	10.03
8	4.38	3.87	10.49
9	4.62	3.91	9.80
10	3.08	2.93	8.61

Percent of Children by age group

Percent of Children by age group (where at least one child was
 found in the month)

Percent of Children by age group (where all necessary restorative work
 was completed, or given necessary, but
 orthodontic or other dental treatment)

Percent of Children by age group (where all necessary restorative work
 was completed, or given necessary, but
 orthodontic or other dental treatment)

Age	Good	Poor	Excellent
2	73.8	8.7	7.5
4	72.3	12.0	15.8
7	84.8	8.3	5.0
8	84.8	12.5	2.8
9	86.2	10.3	3.3
10	79.7	14.1	6.2
11	74.5	16.5	7.0
12	74.3	18.2	7.3
13	81.1	12.1	6.8
14	76.2	14.8	9.4
15	82.5	11.0	3.4
16	86.2	9.0	4.8
17	76.5	14.7	6.8
18	88.3	10.2	4.5
Age 11	80.1	12.7	7.3

Percent of treatment needs for fillings being met (not including need for extractions, appliances or orthodontic treatment) by age and dentition.

Age	Deciduous-Percent	Permanent-Percent	Combined permanent & deciduous teeth.
5	46.7	38.3	45.3
6	45.6	13.3	41.0
7	49.0	30.2	43.7
8	52.5	37.5	46.9
9	49.4	41.3	45.9
10	44.2	51.3	48.7
11		46.2	
12		51.5	
13		53.6	
14		53.0	
15		44.7	
16		59.0	
17		62.7	
18		66.4	
Average all ages.	47.9%	47%	45.3%

School Dental Clinic Statistics:

Total Fillings	6,022	Number of teeth treated	6,802
Permanent teeth - 2,025		Permanent teeth - 2,122	
Deciduous teeth - 4,024		Deciduous teeth - 4,680	
Total Extractions	1,534	Completed Cases	1,166
Permanent teeth - 93		Appointments made	5,693
Deciduous teeth - 1,441		Appointments kept	4,609
Bases	2,451	Appointments not kept	1,084
Prophylaxis	30	Emergencies	242
X-Rayed	397		

Despite the fact that treatment is free, upon request, only 80% of appointments were kept. Some means will have to be found to prevent this flagrant waste of the dentists' time, when other children are waiting to be served.

Dr. Shea and Dr. Hesson provide treatment for pre-school children from 2 to 6 years of age.

Percent of treatment needs for fillings below (not including need for orthodontic appliances or orthodontic treatment) by age and condition.

Age	Deciduous - Permanent	Permanent - Permanent	Permanent - Permanent
5	45.7	38.3	45.3
6	45.6	37.7	41.0
7	49.0	39.2	43.7
8	38.5	37.3	40.9
9	49.4	41.3	45.9
10	44.2	31.3	40.7
11		40.2	
12		37.3	
13		33.6	
14		33.0	
15		44.7	
16		39.0	
17		42.7	
18		40.4	
Average	47.95	47.8	42.75

School Dental Clinic Statistics

Total Fillings	6,032	Number of teeth treated	6,032
Permanent teeth - 2,025		Permanent teeth - 2,185	
Deciduous teeth - 4,007		Deciduous teeth - 3,847	
Total Extractions	1,536	Completed Cases	1,536
Permanent teeth - 33		Appointments made	2,000
Deciduous teeth - 1,503		Appointments kept	1,500
Referrals	2,441	Appointments not kept	1,000
Proposals	397	Interviews	397

Despite the fact that treatment is free, when request, only 60% of appointments were kept. Some would have to be treated to prevent this waste of the dentist's time, when other children are waiting to be served.

Dr. Shee and Dr. Hanson provide treatment for pre-school children from 2

Pre-School Dental Clinic Statistics:

Total Fillings	4,250	No. of Teeth Treated	4,565
Permanent	120		
Deciduous	4,130	Completed Cases	1,406
Total Extractions	696	Appointments kept	3,767
Permanent	8	Appointments not kept	606
Deciduous	688		
Miscellaneous	818	Emergencies	288

It should be noted here that only 86% of appointments were kept, despite the fact that treatment is supplied free upon the request of any parent.

The continued efforts of all the staff and the help of many other people in City Service is much appreciated by the Director. It is hoped that together a concrete effective preventive program can be developed, which will result in better dental health for all the young citizens of the City.

The local press, service clubs and Home and School Associations, are to be commended for their interest in the dental health of our children.

Respectfully submitted,

J. A. DUNCAN, D.D.S., D.D.P.H.,
DIRECTOR OF DENTAL SERVICES,
CITY OF CALGARY.

Five-Year Dental Clinic Statistics		Total	
No. of Teeth Treated	4,363	Total Fillings	120
Completed Cases	1,406	Extractions	1,150
Appointments kept	3,757	Permanent	8
Appointments not kept	606	Temporary	688
Examinations	288	Miscellaneous	

It should be noted here that only 606 of appointments were kept, despite the fact that treatment is supplied free upon the request of any parent.

The continued efforts of all the staff and the help of many other people in City Service is much appreciated by the Director. It is hoped that together a concrete effective preventive program can be developed, which will result in better dental health for all the young citizens of the City.

The local press, service clubs and Home and School Associations, are to be commended for their interest in the dental health of our children.

Respectfully submitted,

J. A. MURPHY, D.D.S., D.P.R.H.
 DIRECTOR OF DENTAL SERVICES,
 CITY OF CALIFORNIA

CALGARY TUBERCULOSIS ASSOCIATION

37.

March 19, 1956

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 completed at the Chest Clinic, covering the period of March 1, 1955 to February 29, 1956. This clinic is located in the City Health Department, and is sponsored by the Calgary Kinsmen's Club, and financed by the sale of Christmas Seals. A total of \$52,433.37 was raised by this means last year.

Number of office calls	1,438
Number of home visits	978
Number of co-operative calls	222
Number of clinic sessions	50
Number of patients attending	219
Number of streptomycin injections	550
Number of tuberculin tests	2,848
Number of positive reactors	515
Tuberculin tests in the office	404
Tuberculin tests outside of office	2,444

Transportation to the San was provided for 30 persons; milk assistance was started to 5 families and discontinued for 4 families, leaving 21 families receiving this help. A doctor's prescription was purchased for one x-San patient; 62 bottles of cod liver oil were distributed.

Seven families were provided with used clothing and 5 pairs of pyjamas were purchased for needy patients in the San. Twelve food hampers and presents for 32 children were delivered at Christmas.

The school survey of the Grade X students has been completed with the follow-up on the families of all positive reactors. In addition to having classes with the student nurses at the Sanatorium, some senior nurses from the General Hospital have attended our office clinics.

The direction and co-operation received from you and the City Health Department is most gratefully acknowledged.

Yours very truly,

Irene Walton, R.N.

IW/ed

VICTORIAN ORDER OF NURSES
Calgary Branch

Summary of visits made
during the year 1955

	<u>Cases</u>	<u>Visits</u>		<u>Total</u>
		<u>Nursing Care</u>	<u>Health Instr.</u>	
Medical and Surgical	777	7,830	361	8,191
Maternity and Newborn	1,936	863	4,114	4,977
Other health instruction	<u>42</u>	<u> </u>	<u>529</u>	<u>529</u>
	2,755	8,693	5,004	13,697
Miscellaneous				<u>231</u>
				<u>13,928</u>

	<u>Cases</u>	<u>Visits</u>		<u>Total</u>
		<u>Nursing Care</u>	<u>Health Instr.</u>	
Medical and Surgical (by cause)				
Tuberculosis	2	122	1	123
Other communicable diseases	36	66	12	78
Cancer	55	528	24	552
Certain diseases of central nervous system	37	484	16	500
Heart disease	85	964	39	1,003
Arthritis and rheumatism	25	367	7	374
All others	499	5,260	213	5,473
Age 1 month to 1 year (well infant, adopted, premature, etc.)	<u>38</u>	<u>39</u>	<u>49</u>	<u>88</u>
	777	7,830	361	8,191

VICTORIAN ORDER OF NURSES
Calvary Branch

Summary of visits made
during the year 1955

Case	Private Care	Health Inst.	Total
Medical and surgical	7,830	361	8,191
Maternity and newborn	863	4,116	4,979
Other health instruction	—	252	252
Miscellaneous	8,693	2,004	10,697
			13,928

Case	Private Care	Health Inst.	Total
Medical and surgical (by cases)	122	1	123
Tuberculosis	66	12	78
Other communicable diseases	228	24	252
Cancer	480	16	496
Certain diseases of central nervous system	964	39	1,003
Heart disease	367	7	374
Arthritis and rheumatism	2,260	213	2,473
All others	33	49	82
Age 1 month to 1 year (well infant, adopted, premature, etc.)	7,830	361	8,191

FINANCIAL STATEMENT

1955

39. 1954

HEALTH DEPARTMENT (General)

Salaries	\$87,027.62	\$78,203.29
Serums	320.50	399.12
Disinfectants	229.92	151.06
Laboratory Supplies and Equipment	2,005.28	3,810.40
Auto Maintenance and Allowances	7,912.16	5,775.74
Sundries	1,467.89	906.53
Printing and Stationery	1,276.92	1,403.96
Postage	592.55	593.61
Transit System Passes and Tickets	932.50	860.00
Isolation Ambulance Hire	--	33.00
Milk Inspection	1,004.62	1,021.81
Milk to Undernourished and Sickly	2,179.38	2,418.02
Meat Inspection	55.56	93.22
Office Equipment and Typewriter	--	288.00
Revolving Fund - Auto - Annual payments	1,314.97	1,314.96
Fly and Insect Control (Spraying)	4,700.83	3,430.98
Insurance	241.67	
	<u>\$111,262.37</u>	<u>\$100,703.70</u>

SCHOOL MEDICAL AND DENTAL SERVICES

Salaries	128,265.25	110,463.13
Medical and Dental Supplies	6,827.88	15,290.87
Glasses for Underprivileged Children	148.38	339.60
Milk for Undernourished School Children	2,530.01	2,427.70
Transit System Passes and Tickets	1,892.00	1,826.71
Auto Maintenance and Allowances	3,508.37	1,994.34
Re-equipping Dental Clinic	848.45	3,836.89
Printing and Stationery	1,272.57	1,046.69
Revolving Fund - Annual payments - Auto	391.77	798.46
	<u>\$145,684.68</u>	<u>\$138,024.39</u>

INFANT AND PRE-SCHOOL CLINICS

Salaries	13,920.00	13,736.27
Transit System Passes and Tickets	288.00	192.00
Operations and Treatments - Specialists	--	3,583.30
Sundries	416.60	598.81
Auto Maintenance and Allowances	1,156.40	924.64
Revolving Fund - Auto - Annual payment	455.63	455.63
	<u>\$ 16,236.63</u>	<u>\$19,490.65</u>

SCARBORO HEALTH UNIT

Gas, Light, Water and Telephone	350.40	306.22
Caretaker and Cleaning	622.58	569.30
Supplies, Repairs and Laundry	289.23	159.17
	<u>\$ 1,262.21</u>	<u>\$ 1,034.69</u>

SUMMARY

Health Department - General	111,262.37	100,703.70
School Medical and Dental Clinics	145,684.68	138,024.39
Infant and Pre-School Clinics	16,236.63	19,490.65
	<u>1,262.21</u>	<u>1,034.69</u>
	<u>\$274,445.89</u>	<u>\$259,253.43</u>

Population	156,748	156,748
Per Capita Expenditure - not including Grants	175.1¢	165.4¢
RECEIPTS from Federal and Provincial Grants	\$ 57,343.14	\$ 53,800.17
" " -Scarboro bldg.&equip.		11,673.34

EXPENDITURE FOR PAST FIVE YEARS

	1955	1954	1953	1952	1951
Total	\$274,445.89	\$259,253.43	\$205,228.57	\$188,556.95	\$156,421.05
Per Capita	175.1¢	165.4¢	151.3¢	146.1¢	121.2¢



