

Contributors

Calgary (Alta.). Health Department.

Publication/Creation

[Place of publication not identified] : [s.n], [1957]

Persistent URL

<https://wellcomecollection.org/works/k99gk294>

License and attribution

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

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

RCB
35W

CITY OF CALGARY

DEPARTMENT OF PUBLIC HEALTH

Annual Report for the Year 1957

LOCAL BOARD OF HEALTH FOR THE CITY OF CALGARY

His Worship Mayor D. H. Mackay, Chairman

A. W. Park, M.D. — 1955-8.

Frank L. Woodman — 1957-60.

Fred Kenny — 1956-9.

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

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

Medical Officer of Health, W. H. Hill, B.A., M.D., C.M.,
D.P.H.

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

Asst. Medical Officer of Health, AGNES O'NEIL, M.D.,
D.P.H.

THE ROYAL SOCIETY
OF HEALTH
LIBRARY

RCB/35W



22501416296

CONTENTS

COMMUNICABLE DISEASES - Cases and Deaths	2, 9, 10 and 12
Tuberculosis - Cases and Deaths	10
Diphtheria, Measles, Scarlet Fever and Whooping Cough - Cases and Deaths	10
Communicable Disease Division Report	21
Financial Statement	42 and 43
Immunization	19 and 20
Infant and Pre-School Clinics	28 and 29
Meat and Food Inspection	23
Milk and Dairy Inspection	24 and 25
Quarantine	22
REPORTS OF:	
Medical Officer of Health	2 - 4
Assistant Medical Officer of Health	30 - 34
Chief Sanitary Inspector	22 - 27
Director of Dental Services	35 - 37
Nurse in Charge of Baby Clinics	28 - 29
Sanitation	22
School Medical, Dental and Nursing Services	28 - 37
Sera and Vaccine Distributed	19
Supervisor of Nursing Homes report	20
Tuberculosis Association (Kinsmen's Club) Chest Clinic	38 - 39
Victorian Order of Nurses	40 - 41
VITAL STATISTICS	2 - 18
Births	2, 5, 6
Stillbirths	6
Illegitimate births	5
Deaths	2,3,6 - 11,13 - 18
Chief Causes of	7
International List of Causes	13 - 18
by Age and Sex	11
of Infants	3, 7 - 8
Maternal	3, 8 - 9
from Communicable Diseases	3, 9 - 10
Marriages	2 & 5
Population	2 & 5

1, 2, 10 and 11	Communicable Diseases - Cases and Deaths
12	Tuberculosis - Cases and Deaths
13	Diarrhoea, Dysentery, Cholera and Typhoid
14	Communicable Diseases Division Reports
15 and 16	Financial Statement
17 and 18	Immunization
19 and 20	Infant and Child Welfare Clinics
21	Food and Food Inspection
22 and 23	Milk and Milk Inspection
24	Sanitation
25	REPORTS OF:
26 - 27	Medical Officer of Health
28 - 29	Assistant Medical Officer of Health
30 - 31	Chief Medical Inspector
32 - 33	Director of Public Health
34 - 35	House to House and Baby Clinics
36	Sanitation
37 - 38	School Medical, Dental and Nursing Services
39	Sex and Vaccine Distribution
40	Supervisor of Nursing Home Report
41 - 42	Tuberculosis Association (London's Club) Chest Clinic
43 - 44	Victorian Order of Nurses
45 - 46	VITAL STATISTICS
47, 48, 49	Births
50	Stillbirths
51	Miscellaneous Births
52	Deaths
53, 54 - 55	Causes of Death
56 - 57	International List of Causes of Death
58	by Age and Sex
59	of Infants
60	Natural
61 - 62	from Communicable Diseases
63	Marrriages
64	Population

WELLCOME
LIBRARY
And Rep
WA28
.G2
C15
1957

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

Ladies and Gentlemen:

I beg herein to submit the annual report of the activities of the City's Health Department for the year 1957.

The population of the City as determined by civic enumeration in 1957 is shown 192,577 and the rates in the several statistical tables as they appear throughout this reporting are based on this figure. The population shows an increase over that reported in 1956 of 12,485. The population of the City shown in the report for 1956 (180,092) was determined by Dominion Census.

The number of marriages solemnized throughout the year 1957 was 2,185, an increase of 121 as compared with the number reported for 1956. In peace time years, the marriage rates show little variation, the rate for 1956 showing at 11.5 per thousand of population, and at 11.3 for 1957.

The gross number of births registered during the year was 7,555, with a corresponding rate per thousand of population of 39.2. The gross number includes births to parents non-resident in the City. The net figure, or the births to residents only, was 6,243, showing a rate of 32.4 per thousand of population. Included in the gross number of births are 419 illegitimate, an increase of 40 as compared with the reporting for 1956. The number of illegitimate births to City mothers was 300, and to those non-resident in the City 119. The records in this regard show that 143 of these mothers were of teen-age, 3 being only 14 years old. The illegitimate births represent 5.5% of the gross number.

Stillbirths registered during the year numbered 89 gross and 68 net; the rates respectively being 0.45 and 0.35, computed on the basis of so many per thousand of population. The stillbirth rate has declined markedly over the last 10 to 15 years, but nevertheless the problem presented is one for considerable concern, and is deserving of profound consideration. The complexities that collectively give rise to the stillbirth problem are long overdue for integrated study.

Gross deaths registered in the City during 1957 numbered 1651, with a corresponding rate per thousand of population of 8.6. The net or actual City rate was 7.0, represented by deaths amongst citizens of 1355. From the table showing causes of death, it is not possible to differentiate between city and non-city deaths, and as a consequence the following listing is based on the gross number of deaths.

	<u>1957</u>	<u>1956</u>
1. Associated diseases of the Heart and circulatory system	563	556
2. Cancer - all forms	295	293
3. Violent & accidental deaths	73	82
4. Pneumonia	57	37
5. Diabetes	23	14
6. Communicable diseases (other than Tuberculosis, pneumonia & influenza.	7	2

Ladies and Gentlemen:

I beg leave to submit the annual report of the activities of the City's Health Department for the year 1937.

The population of the City as determined by civic enumeration in 1937 is about 182,377 and the rates in the several statistical tables as they appear throughout this report are based on these figures. The population shows an increase over that reported in 1936 of 12,485. The population of the City shown in the report for 1936 (180,092) was determined by Dominion Census.

The number of marriages solemnized throughout the year 1937 was 2,182, an increase of 181 as compared with the number reported for 1936. In past few years, the marriage rates show little variation, the rate for 1936 showing at 11.5 per thousand of population, and at 11.5 for 1937.

The gross number of births registered during the year was 7,500 with a corresponding rate per thousand of population of 39.2. The gross number includes births to parents non-resident in the City. The net figure, or the births to residents only, was 6,343, showing a rate of 32.4 per thousand of population. Included in the gross number of births are 419 illegitimate, an increase of 46 as compared with the reporting for 1936. The amount of illegitimate births to City mothers was 300, and to those non-resident in the City 119. The records in this regard show that 143 of these mothers were of teen-age, 3 being only 14 years old. The illegitimate births represent 5.2% of the gross number.

Stillbirths registered during the year numbered 89 gross and 88 net; the rates respectively being 9.45 and 8.35, computed on the basis of so many per thousand of population. The stillbirth rate has declined markedly over the last 10 to 15 years, but nevertheless the problem presented is one for considerable concern, and is deserving of profound consideration. The complexities that collectively give rise to the stillbirth problem are long overdue for integrated study.

Gross deaths registered in the City during 1937 numbered 1,031 with a corresponding rate per thousand of population of 5.6. The net actual City rate was 5.0, represented by deaths amongst citizens of 1,031. From the table showing causes of death, it is not possible to differentiate between city and non-city deaths, and as a consequence the following listing is based on the gross number of deaths.

	1937	1936
1. Associated diseases of the heart and circulatory system	263	256
2. Cancer - all forms	225	223
3. Violent & accidental deaths	73	82
4. Pneumonia	55	37
5. Diarrhea	23	14
6. Communicable diseases (other than tuberculosis, pneumonia, influenza)	7	2

Violent and accidental deaths decreased in number as compared with the reporting for 1956; to be more specific there were 9 less deaths. It must not be supposed that the decrease is in any way due to the exercise of carefulness on the part of many of our citizenry, for it can be that there will be an increase in the number of deaths from violent causes next year. Deaths relating to accidents involving motor vehicles numbered 16 as compared to 23 in 1956, and it is thought that carelessness undoubtedly entered the picture in some of these accidents. Much attention is being paid across Canada and in the United States to deaths amongst children as the result of accidents in the home. Many of these deaths are due to poisoning, the children having access to pills, poisonous solutions and such like carelessly left lying about and within reach. This Department, having in mind this matter, has prepared a leaflet for general distribution giving the antidotes for such poisonous substances to be found about the home.

The number of infant deaths registered during 1957 was 184, a rate per thousand live births of 24.4. There was an increase of 54 infant deaths as compared with the reporting for 1956. It has been pointed out in previous reports that infant deaths due to Prematurity, Congenital Debility and Malformations, and injuries at birth have posed a problem, for which the solution thus far has not been found. Many factors need to be subjected to intense study in respect of infant mortality, not the least of which are matters both economic and social.

The number of maternal deaths reported throughout the year was two, one of which was a non-city resident. Both deaths resulted from toxæmia due to the puerperal state. The rate in this regard was 0.27 per thousand live births, and incidentally the lowest rate in the last five years.

It is, again, pointed out that the growth of the City stresses the urgency for the complete decentralization of the Health Department. We have only two fully functioning units, Scarboro Health Unit and the Health Department at the City Hall. The Health Department is partitioned out of all reason and, in any event, is far too small to satisfactorily handle the work going forward and house the tremendous filing system, inseparable from our work. The Department rents space in the N. W., and N. E., sections of the City and, also, in Killarney for the purpose of holding infant and pre-school clinics one or twice weekly at an annual cost in rent of \$500.00. The rented premises do not lend to the conduction of our immunizing program, which is City wide in its scope and necessitates those who choose to take advantage of this service to come to the City Hall from all over the City. We were fortunate in being able to obtain the use of Paget Hall for the continuation of the poliomyelitis immunization, a matter we could not handle in the limited space of the Health Department. The Anglican Church Authorities would not accept rent for the Hall. Could it not be that three fully functioning Units be built and located at three strategic sites in the City? The buildings need not be costly and it is understood a grant would be made by the Senior Governments.

Financial grants in aid of the Department's work, and received from both the Federal and Provincial Governments, amounted to \$72,038.86. These monies enable the obtaining of equipment, that otherwise would have to wait until the Department could afford it, and in addition provide an appreciable contribution towards the salaries of approximately 45% of our Staff. We are deeply indebted to the Senior Governments for their generosity.

Violent and accidental deaths decreased in number as compared with the reporting for 1956; to be more specific there were 9 less deaths. It must not be supposed that the decrease is in any way due to the exercise of carelessness on the part of many of our citizens, for it can be that there will be an increase in the number of deaths from violent causes next year. Deaths relating to accidents involving motor vehicles numbered 16 as compared to 23 in 1956, and it is thought that considerable improvement has entered the picture in some of these accidents. Much attention is being paid across Canada and in the United States to deaths among children as the result of accidents in the home. Many of these deaths are due to poisoning, the children having access to pills, poisonous solutions and such like carelessly left lying about and within reach. This Department, having in mind this matter, has prepared a leaflet for general distribution giving the authorities for such poisonous substances to be found about the home.

The number of infant deaths registered during 1957 was 184, a rate per thousand live births of 26.4. There was an increase of 24 infant deaths as compared with the reporting for 1956. It has been pointed out in previous reports that infant deaths due to prematurity, Congenital Deafity and Malformations, and injuries at birth have posed a problem, for which the solution thus far has not been found. Many factors need to be subjected to intense study in respect of infant mortality, not the least of which are matters both economic and social.

The number of maternal deaths reported throughout the year was 10, a rate per thousand live births of 0.17. This is the lowest rate in the last

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

It is pointed out that the growth of the City of Winnipeg has been rapid and the Health Department has only two fully functioning units, the Health Unit and the Health Department at the City Hall. The Health Department is partitioned out of all reason and, in any event, is far too small to satisfactorily handle the work going forward and toward the tremendous living system, inseparable from our work. The Department rents space in the W. E. sections of the City and, also, in Kilbuck for the purpose of holding infant and pre-school clinics one or twice weekly at an annual cost in rent of \$200.00. The rented premises do not lead to the continuation of our immunizing program, which is City wide in its scope and necessitates those who choose to take advantage of this service to come to the City Hall from all over the City. We were fortunate in being able to obtain the use of Vogel Hall for the continuation of the polio-vaccine immunization, a matter we could not handle in the limited space of the Health Department. The Anglican Church Authorities would not accept rent for the Hall. Could it not be that three fully functioning Units be built and located at these strategic sites in the City? The buildings need not be costly and it is understood a grant would be made by the Senior Government.

Financial grants in aid of the Department's work, and received from both the Federal and Provincial Governments, amounted to \$75,036. These monies enable the obtaining of equipment, that otherwise would be out of the question. The Department would like to see in addition provided

A good deal of work has been undertaken for other Departments, specifically Welfare, Children's Aid, Police and the Safety Division of the Personnel Department. At the moment a survey is being made of the employees who failed to pass the medical examination in application for entry into the Pension Fund, and are presently in City Service. This survey has entailed considerable work and has resulted in many of the rejected applications of yesterday being sanctioned following further consideration of the case including in some instances further medical examination.

The Chest X-Ray programme suggested by the Commissioners for those entering City Service in addition to those already in service, is progressing very satisfactorily.

The Health Department is very 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.

Superintendent and Staffs of the Provincial Mental Hospitals and Institutions.

Alberta and Calgary (Kinsmen's Club) tuberculosis Association.

Provincial Cancer Clinics

Metropolitan Life Insurance Co.

Victorian Order of Nurses.

The Calgary General and Holy Cross Hospital Staffs, and

The Calgary Press, Radio Broadcasting & T. V. Stations.

The Medical Officer takes this opportunity to express his sincere thanks to each and every member of this Staff. Their loyalty and co-operation additionally to the very excellent and competent manner in which their duties have been discharged, are responsible for the completion of a most satisfactory year's operations.

Reports from the several divisions of the Health Department follow.

Respectfully submitted,

WILLIAM H. HILL, M.D., C.M., D.P.H.,
MEDICAL OFFICER OF HEALTH,
CITY OF CALGARY, ALBERTA.

ILLEGITIMATE BIRTHS - 1957

Date	City	Out of Town	14	15	16	17	18	19	20-24	25-30	31 Plus	1st child	2nd child	prev. mrge.	Total
JAN	27	14	-	-	1	2	5	5	23	4	1	30	11	3	41
FEB	27	10	-	1	1	3	4	4	13	2	4	28	9	4	37
MAR	19	13	-	1	1	5	9	2	9	4	1	29	3	2	32
APR	37	8	-	1	3	3	2	8	19	2	7	33	12	4	45
MAY	31	11	1	1	2	2	3	7	15	3	3	30	12	6	42
JUNE	27	9	2	-	1	1	3	5	14	8	2	26	10	9	36
JULY	21	11	-	-	1	2	2	6	9	7	5	21	11	6	32
AUG	31	6	-	-	1	1	2	3	19	3	8	20	17	9	37
SEPT	17	8	-	-	1	4	4	2	8	2	4	19	6	3	25
OCT	18	12	-	-	-	-	3	1	16	6	4	24	6	2	30
NOV	28	6	-	-	-	3	4	5	16	4	2	25	9	5	34
DEC	17	11	-	1	1	2	4	1	12	4	3	20	8	4	28
TOTALS	300	119	3	5	13	28	45	49	178	54	44	305	114	57	419

\$ 4 sets of twins

Total Births - 7,555

57 previous marriage

Illegitimates - 419 or 5.5%

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

VITAL STATISTICS REPORT

Population as shown by 1957 enumeration of City was 192,577.

Live Births - 7,555 - Rate per 1,000 population - 39.2

Stillbirths - 89 - Rate per 1,000 live births - 11.8

Included in the above were 1,312 non-resident births and 21 non-resident stillbirths

ILLUSTRATIVE REPORT - 1937

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	City Out of Town
JAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FEB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAR	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
APR	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
JUNE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
JULY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
AUG	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SEPT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OCT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NOV	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTALS	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

\$ 4 sets of twins
 Total Births = 7,533
 37 previous marriages
 Illegitimacy = 819 or 10.7%

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

VITAL STATISTICS REPORT

Population as shown by 1937 enumeration of City was 182,517.

Live Births = 7,533 - Rate per 1,000 population = 41.3

Stillbirths = 39 - Rate per 1,000 live births = 11.5

Included in the above were 1,512 non-resident births and 21 non-resident stillbirths

TABLE NO. 1

LIVE BIRTHS 1953 - 1957

Year	Population	No. Including non-residents	Rate per 1,000 Population	No. Residents only	Rate per 1,000 Population
1957	192,577	7,555	39.2	6,243	32.4
1956	180,092	6,978	38.7	5,709	31.7
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

TABLE NO. 2

STILLBIRTHS 1953 - 1957

Year	Population	No. including non-residents	Rate per 1,000 Population	No. Residents only	Rate per 1,000 Population
1957	192,577	89	0.45	68	0.35
1956	180,092	78	0.43	63	0.35
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

MARRIAGES

Number performed in 1957 was 2,185. Rate per 1,000 population - 11.3

DEATHS

From all causes a total of 1,651 deaths were reported, being a rate of 8.6 per thousand population, including 296 deaths of non-residents.

TABLE NO. 3

MORTALITY RATE (Exclusive of Stillbirths)
1953 - 1957

Year	No. deaths including non-residents	Rate per 1,000 Population	No. residents only	Rate per 1,000 Population
1957	1,651	8.6	1,355	7.0
1956	1,541	8.6	1,241	6.9
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

TABLE NO. 1

LIVE BIRTHS 1923 - 1927

Year	Population	No. Inhab- ing non- residents	Rate per 1,000 Population	No. Residents only	Rate per 1,000 Population
1927	152,317	1,521	38.2	6,242	32.5
1926	150,091	6,078	38.7	2,709	31.7
1925	152,748	6,793	43.1	2,441	32.8
1924	152,748	6,379	40.9	4,242	34.3
1923	129,080	2,792	44.2	4,231	32.1

TABLE NO. 2

STILLBIRTHS 1923 - 1927

Year	Population	No. Inhab- ing non- residents	Rate per 1,000 Population	No. Residents only	Rate per 1,000 Population
1927	152,317	82	0.42	68	0.32
1926	150,091	78	0.43	62	0.32
1925	152,748	78	0.41	66	0.32
1924	152,748	82	0.36	72	0.47
1923	129,080	86	0.66	71	0.55

MARRIAGES

Number performed in 1927 was 2,162. Rate per 1,000 population - 21.3

DEATHS

From all causes a total of 1,621 deaths were reported, being a rate of 8.6 per thousand population, including 296 deaths of non-residents.

TABLE NO. 3

MORTALITY RATE (Exclusive of Stillbirths)
1923 - 1927

Year	No. deaths including non-residents	Rate per 1,000 Population	No. Residents only	Rate per 1,000 Population
1927	1,621	8.6	1,252	7.9
1926	1,361	8.6	1,241	6.8
1925	1,627	10.4	1,322	8.4
1924	1,428	9.3	1,188	7.7
1923	1,531	11.6	1,229	9.2

TABLE NO. 4

CHIEF CAUSES OF DEATHS, 1955, 1956 and 1957
(total number including non-residents)

Causes of Death	Number of Deaths			Rate per 100,000		
	1957	1956	1955	1957	1956	1955
Diseases of the heart, arteries and kidneys, including apoplexy	563	556	666	292.3	308.7	424.9
Cancer - all forms	295	293	291	153.2	162.7	185.7
Pneumonia	57	37	39	29.6	20.5	24.9
Violent and accidental deaths	73	82	75	37.9	45.5	47.8
Tuberculosis*- all forms	1	1	3	0.5	0.6	1.9
Diabetes	23	14	13	11.9	7.8	8.3
Influenza	5	-	2	2.6	-	1.3
Communicable diseases (other than tuberculosis, pneumonia & influenza)	7	2	4	3.6	1.1	2.5
All other causes	527	556	534	273.7	308.7	340.7
TOTALS	1,651	1,541	1,627			

* See Table No. 10 and Deaths in Sanatorium.

INFANT MORTALITY

The infant mortality rate for the municipality, including deaths of non-residents, is presented in the following tables for the year 1957 and the preceding four years.

TABLE NO. 5

DEATHS OF INFANTS IN THE FIRST YEAR OF LIFE 1953-1957

	1957	1956	1955	1954	1953
Number of infant deaths	184	130	159	165	163
Rate per 1,000 live births	24.4	18.6	23.5	26.3	28.1

Number of deaths of non-residents included in the above:

1957 - 40 1956 - 39 1955 - 40 1954 - 33 1953 - 31

TABLE NO. 4

CAUSES OF DEATH, 1955, 1956 and 1957
(Total number including non-residents)

Causes of Death	1955	1956	1957	Rate per 100,000
Diseases of the heart, arteries and kidneys, including angina	557	556	606	308.7
Cancer - all forms	392	393	381	193.7
Pneumonia	57	37	36	18.5
Violent and accidental deaths	75	82	75	37.5
Tuberculosis - all forms	1	1	3	0.5
Diabetes	23	14	13	6.5
Influenza	5	-	2	1.0
Chronic diseases (other than tuberculosis, pneumonia & influenza)	7	2	4	1.1
All other causes	527	526	534	267.7
Total	1,551	1,551	1,627	340.7

* See Table No. 10 and Deaths in Sanatorium.

INFANT MORTALITY

The infant mortality rate for the municipality, including deaths of non-residents, is presented in the following tables for the year 1957 and the preceding four years.

TABLE NO. 5

DEATHS OF INFANTS IN THE FIRST YEAR OF LIFE 1953-1957

Rate per 1,000 live births	1957	1956	1955	1954	1953
Number of infant deaths	184	130	152	165	163
	26.4	18.6	22.5	24.3	28.1

Number of deaths of non-residents included in the above:

1957 - 40 1956 - 39 1955 - 40 1954 - 33 1953 - 31

TABLE NO. 6

Causes of Deaths	1957	1956	1955	1954	1953
1. Diarrhoea and enteritis	4	2	1	-	4
2. Pneumonia and influenza	10	5	8	3	20
3. Prematurity	72	65	69	77	63
4. Congenital debility and malformations	51	22	36	29	25
5. Injuries at Birth	10	9	13	15	12
6. Acute communicable diseases (whooping cough, diphtheria, measles, scarlet fever, etc.)	-	-	1	1	2
7. Other causes	37	27	31	40	37

Of the 184 infant deaths registered this year, 72 occurred within the first twenty-four hours, 41 within the first week, and 17 died under the age of one month, representing 70.6 per cent of the total.

MATERNAL DEATHS

The number of deaths of mothers from puerperal causes was 2. There was 1 non-resident deaths. The rate for the municipality is .16 per 1,000 live births.

TABLE NO. 7

MATERNAL MORTALITY (Including non-residents) 1953 - 1957

Year	Live Births	Number of maternal Deaths	Rate per 1,000 live births
1957	7,555	2	0.29
1956	6,978	2	0.28
1955	6,763	3	0.44
1954	6,279	3	0.48
1953	5,799	3	0.50

Number of deaths of non-residents
included in above:

1957 - 1 1956 - 0

1955 - 1 1954 - 2

1953 - 1

TABLE NO. 6

Causes of Deaths	1951	1952	1953	1954	1955
1. Diarrhoea and enteritis	4	2	1	-	4
2. Pneumonia and influenza	10	5	8	3	10
3. Prematurity	22	22	20	17	22
4. Congenital debility and malnutrition	21	22	25	20	22
5. Injury at birth	10	9	12	12	12
6. Acute communicable diseases (whooping cough, diphtheria, measles, scarlet fever, etc.)	-	-	1	1	2
8. Other causes	27	27	31	40	37

Of the 155 infant deaths registered this year, 75 occurred within the first twenty-four hours, 41 within the first week, and 17 died under the age of one month, representing 10.6 per cent of the total.

INTERNAL DEATHS

The number of deaths of mothers from postnatal causes was 1. There was 1 non-resident mother. The rate for the municipality is 1.0 per 1,000 live births.

TABLE NO. 7

INTERNAL MORTALITY (including non-residents)
1953 - 1957

Year	Live births	Number of maternal deaths	Rate per 1,000 live births
1957	7,332	2	0.27
1956	6,918	2	0.29
1955	6,762	2	0.29
1954	6,170	2	0.32
1953	5,700	2	0.35

Number of deaths of non-residents included in above:

1957 - 1

1956 - 2

1955 - 1

TABLE NO. 8

CAUSES OF MATERNAL DEATHS - 1957

Causes of Death	Number, including non-residents	Residents only
Abortions (septic and non-septic)	-	-
Puerperal Toxaemias	2	1
Puerperal Sepsis	-	-
Other Puerperal Causes	-	-

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

TABLE NO. 9

COMMUNICABLE DISEASES (Residents only)

REPORTED CASES AND DEATHS FROM COMMUNICABLE DISEASES 1957

	Cases		0 - 4		5 - 14		15 & Over		TOTALS	
	M	F	Cases	Dths	Cases	Dths	Cases	Dths	Cases	Dths
Amoebic Dysentery		1					1		1	
Chicken Pox*										
Diphtheria		2					2		2	
Influenza*				1				4		5
Measles	680	649	390	1	911	1	28		1329	2
Mumps*										
Paratyphoid Fever		2	1				1		2	
Pneumonia(all forms)*				11				46		57
Poliomyelitis: paralytic	4	3	2		1		4		7	
NON-paralytic	7	4	3		5		3		11	
Rubella	981	1192	103		1995		75		2173	
Scarlet Fever & Strep throat	67	60	23		88		16		127	
Smallpox										
Tuberculosis: pulmonary	28	16	2		3		39		44	
Non-pulmonary	6	9	2		3		10	1	15	1
Typhoid Fever	1						1		1	
Whooping Cough	117	145	110		149		3		262	
TOTALS	1891	2083	636	13	3155	1	183	50	3974	64

*Not Notifiable.

TABLE NO. 3

CAUSES OF MATERNAL DEATHS - 1957

Causes of Death	Number, including non-residents	Residents only
Abortion (legal and non-legal)	-	-
Puerperal toxemia	2	1
Puerperal sepsis	-	-
Other Puerperal Causes	-	-

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

TABLE NO. 2

COMMUNICABLE DISEASES (Residents only)

REPORTED CASES AND DEATHS FROM COMMUNICABLE DISEASES 1957

	Cases					Deaths					TOTAL
	0-4	5-14	15-64	65+	TOTAL	0-4	5-14	15-64	65+	TOTAL	
Scarlet Fever & Strep throat	67	80	23	83	153	16	16	16	16	153	153
Smallpox											
Tuberculosis:											
pulmonary	28	16	2	3	49	30	30	30	30	44	44
non-pulmonary	6	2	2	3	13	10	10	10	10	12	12
Typhoid Fever	1			1	2	1	1	1	1	1	1
Whooping Cough	117	142	110	142	311	3	3	3	3	282	282
TOTALS	1891	2083	632	13	3599	50	153	50	50	307	307
Polio-myelitis	4	3	2	1	10	7	7	7	7	11	11
Paratyphoid Fever	2	1	1	1	5	2	2	2	2	2	2
Measles	680	609	390	1	1680	28	28	28	28	1359	1359
Influenza*			1		1	4	4	4	4	2	2
Diphtheria	2				2	2	2	2	2	2	2
Chicken Pox											
Anaemic Dysentery	1				1	1	1	1	1	1	1

*Not Notifiable.

TABLE NO. 10REPORTED CASES AND DEATHS FROM TUBERCULOSIS 1953 - 1957

Year	New Cases	Number of Deaths in City	Number of Deaths in Sanatoria	Total Deaths	Rate per 100,000 Population
1957	59	1	10	11	5.7
1956	60	1	-	1	0.6
1955	33	3	7	10	6.4
1954	46	5	5	10	6.4
1953	34	3	5	8	6.2

TABLE No. 11

REPORTED CASES AND DEATHS FROM DIPHTHERIA,
MEASLES, SCARLET FEVER AND WHOOPING COUGH,
1955 - 1957

	Cases			Deaths			Mortality rate per 100,000 population		
	1955	1956	1957	1955	1956	1957	1955	1956	1957
Diphtheria	-	-	2	-	-	-	-	-	-
Measles	197	53	1329	1	-	2	.64	-	1.0
Scarlet Fever	89	83	127	-	-	-	-	-	-
Whooping Cough	97	78	262	-	-	-	-	-	-

There were two (2) deaths from the above diseases in 1957.

TABLE NO. 10

REPORTED CASES AND DEATHS FROM TUBERCULOSIS 1952 - 1957

Year	New Cases	Number of Deaths in City	Number of Deaths in State	Total Deaths	Rate per 100,000 Population
1957	39	1	10	11	2.7
1956	60	1	-	1	0.3
1955	33	2	2	10	0.4
1954	46	2	2	10	0.4
1953	34	2	2	2	0.2

TABLE NO. 11

REPORTED CASES AND DEATHS FROM DYPHTHERIA, MEASLES, SCARLET FEVER AND WHOOPING COUGH, 1952 - 1957

	Cases			Deaths			Mortality rate per 100,000 population		
	1952	1956	1957	1952	1956	1957	1952	1956	1957
Diphtheria	-	-	2	-	-	-	-	-	-
Measles	107	83	133	1	-	2	.24	-	1.0
Scarlet Fever	89	63	127	-	-	-	-	-	-
Whooping Cough	97	18	201	-	-	-	-	-	-

There were two (2) deaths from the above diseases in 1957.

CAUSES OF DEATH BY AGE AND SEX (gross) 1957

	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 & over	TOTALS
1. Infective & Parasitic Diseases	7	4	1		1	1	1	1	6	11
2. Neoplasma	179	120	-	-	5	5	13	74	202	299
3. Allergic, endocrine system, metabolic and nutritional diseases	16	14	-	-	-	1	3	1	25	30
4. Diseases of the blood and blood-forming organisms	1	2	-	-	-	-	-	-	3	3
5. Mental, psyconeurotic and personality disorders	4	2	-	2	-	-	-	3	1	6
6. Diseases of the nervous system and sense organs	79	55	1	1	3	2	4	11	112	134
7. Diseases of the circulatory system	309	231	-	-	-	1	9	70	460	540
8. Diseases of the respiratory system	61	25	-	7	8	1	2	9	59	86
9. Diseases of the digestive system	35	21	-	5	-	-	3	15	33	56
10. Diseases of the genito-urinary system	23	8	-	1	1	1	1	8	19	31
11. Diseases and complications of pregnancy, childbirth and puerperium	-	2	-	-	-	-	2	-	-	2
12. Diseases of the skin and cellular tissue	3	5	-	1	-	-	2	-	5	8
13. Diseases of the bones and organs of movement	2	4	-	-	-	-	1	2	3	6
14. Congenital malformations	29	18	9	32	3	1	2	-	-	47
15. Certain diseases of early infancy	51	51	63	39	-	-	-	-	-	102
16. Symptoms, senility and ill-defined conditions	142	75	2	15	-	1	3	29	167	217
17. Accidents, poisonings and violence	55	18	-	5	2	6	20	12	28	73
TOTALS	996	655	76	108	23	20	66	235	1123	1651
Supplementary classifications for stillbirths	42	47								89

[illegible]

COMMUNICABLE DISEASES REPORTED 1957

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTALS
Amoebic Dysentery						1							1
Diphtheria	1							1					2
Measles	52	24	42	127	213	293	243	118	41	37	62	77	1329
Paratyphoid 'C'			1		1								2
Poliomyelitis-paralytic										6	1		7
-non-para.		1		2			2	2	4				11
Rubella(german measles)	311	404	523	367	329	141	24	15	2	13	12	32	2173
Scarlet Fever, etc. (Strep. throat)	18	27	26	20	5	3	7	3	3	4	6	5	127
Tuberculosis-pulmonary	8	1	4	4	7	1	4	5	3	4	2	1	44
-non-pulmonary	1	2		3	1	1			1	2	3	1	15
Undulant Fever						1							1
Whooping Cough	15	22	28	14	37	21	20	45	22	22	11	5	262
TOTALS	406	481	624	537	593	462	300	189	76	88	97	121	3974
FROM OUT OF TOWN:													
Typoid - carrier							1						1
Measles			1		2		2	4	1	4	1	1	16
Poliomyelitis-paralytic							2	2		1			5
-non-para.				1				2				1	4
Scarlet Fever and Strep	1				2				1				4
Rubella	1												1
Whooping Cough			1	1	1	2	2	4		6	1		18
Leprosy								1					1
TOTALS	2		2	2	5	2	7	13	2	11	2	2	50

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASE,
INJURIES AND CAUSES OF DEATH

	M	F	City	Out	Totals
008. Tuberculosis, unspecified site	1		1		1
053.4 Septicaemia and pyaemia: organism unspecified		1	1		1
057.0 Meningococcal infections: Meningococcal meningitis	1		1		1
082. Acute Infectious Encephalitis	1		1		1
085.0 Measles without pneumonia	2		1	1	2
092. Infectious hepatitis	1	3	3	1	4
138.0 Sarcoid of Boeck	1		1		1
141. Malignant neoplasm of tongue	1		1		1
150. Malignant neoplasm of oesophagus	5	2	4	3	7
151. Malignant neoplasm of stomach	12	7	16	3	19
153. Malignant neoplasm of large intestine, except rectum	22	14	32	4	36
154. Malignant neoplasm of rectum	7	2	9		9
155. Malignant neoplasm of biliary passages and of liver (stated to be primary site)	3	3	4	2	6
156. Malignant neoplasm of liver (secondary & unspecified)	1		1		1
157. Malignant neoplasm of pancreas	15	6	17	4	21
160. Malignant neoplasm of nose, nasal cavities, middle ear and accessory sinuses	1	1	2		2
161. Malignant neoplasm of larynx	2	1	3		3
162. Malignant neoplasm of trachea and of bronchus and lung, specified as primary	19	6	21	4	25
163. Malignant neoplasm of lung	9	1	8	2	10
164. Malignant neoplasm of mediastinum		1		1	1
170. Malignant neoplasm of breast	1	22	22	1	23
171. Malignant neoplasm of cervix uteri		6	4	2	6
174. Malignant neoplasm of uterus, unspecified		4	3	1	4
175. Malignant neoplasm of ovary, Fallopian tube and broad ligament		14	11	3	14
176. Malignant neoplasm of other or unspecified female genital organs	-	-	-	-	-
177. Malignant neoplasm of prostate	18		14	4	18
178. Malignant neoplasm of testis	2		1	1	2
180. Malignant neoplasm of kidney	6	3	6	3	9
181. Malignant neoplasm of bladder and other urinary organs	10	1	9	2	11
190. Malignant neoplasm of skin		1	1		1
191. Other malignant neoplasm of skin		1		1	1
193. Malignant neoplasm of brain and other parts of nervous system	3	4	5	2	7
195. Malignant neoplasm of other endocrine glands	1		1		1
196. Malignant neoplasm of bone (including jaw bone)	4	1	4	1	5
198. Secondary & unspecified malignant neoplasm of lymph nodes		1	1		1
199. Malignant neoplasm of other & unspecified sites	10	6	15	1	16
200.1 Lymphosarcoma & reticulosarcoma: lymphosarcoma	3		3		3
201. Hodgkin's Disease	2	1	2	1	3
202.1 Other forms of lymphoma	1			1	1
203. Multiple myeloma	2	2	2	2	4
204.0 Leukemia and aleukemia: Lymphatic leukemia	5	2	5	2	7
204.1 Leukemia and aleukemia: Myeloid leukemia	7	5	10	2	12
204.2 Leukemia and aleukemia: Monocytic leukemia	1		1		1
204.3 Leukemia and aleukemia: Acute leukemia, unspecified type	3	1	3	1	4
224. Benign neoplasm of endocrine glands	2		2		2
228. Haemangioma and Lymphangioma	1		1		1
CARRIED FORWARD	186	123	253	56	309

BROUGHT FORWARD

	M	F	City	Out	14. Totals
	186	123	253	56	309
237. Neoplasm of unspecified nature of brain and other parts of nervous system		1		1	1
241. Asthma	3	1	4		4
254. Other diseases of Thyroid Gland	1		1		1
260. Diabetes mellitus	11	12	18	5	23
274. Diseases of adrenal gland	1			1	1
286.0 Steatorrhoea and Sprue		1		1	1
290.0 Pernicious and other hyperchromic anaemias: pernicious anaemia		1	1		1
296. Pupura and other hemorrhagic conditions	1	1	1	1	2
304. Senile psychosis	1	1	2		2
322. Alcoholism: 322.1 Chronic	2		2		2
325.4 Mental Deficiency: Mongolism	1	1	1	1	2
330. Subarachnoid hemorrhage	1	1	2		2
331. Cerebral hemorrhage	16	12	21	7	28
332. Cerebral embolism and thrombosis	18	8	21	5	26
334. Other and ill-defined vascular lesions affecting central nervous system	38	22	47	13	60
340.0 Meningitis: except meningococcal and tuberculous: H. influenza		1	1		1
340.3 Meningitis: except meningococcal and tuberculous: unspecified cause		1	1		1
342. In tercranial and intraspinal abscess		1		1	1
343. Encephalitis, myelitis and encephalomyelitis (except acute infections)		1		1	1
345. Multiple sclerosis	1	5	6		6
350. Paralysis agitans	2		1	1	2
351. Cerebral spastic infantile paralysis		1	1		1
353.2 Epilepsy: Status epilepticus	1		1		1
356.1 Amyotrophic lateral sclerosis	1		1		1
366. Other and unspecified forms of neuralgia and neuritis		1		1	1
391.0 Otitis media without mention of mastoiditis: acute		1	1		1
391.2 Otitis media without mention of mastoiditis: unspecified	1		1		1
400. Rheumatic fever without mention of heart involvement		1		1	1
401.0 Rheumatic fever with heart involvement: active rheumatic pericarditis		1	1		1
401.1 Rheumatic fever with heart involvement: active rheumatic endocarditis		2	2		2
410. Diseases of mitral valve	1	2	2	1	3
411. Diseases of aortic valve specified as rheumatic	1	1	2		2
416. Other heart disease specified as rheumatic	2	6	5	3	8
420.0 Arteriosclerotic heart disease, so described	53	30	63	20	83
420.1 Heart disease specified as involving coronary arteries	93	53	123	23	146
420.2 Angina pectoris without mention of coronary disease		1	1		1
421.0 Chronic endocarditis not spectified as rheumatic: Of mitral valve, specified as nonrheumatic	4	1	4	1	5
421.1 Chronic endocarditis not specified as rheumatic: Of aortic valve	3		3		3
421.4 Chronic endocarditis not specified as rheumatic: Other and ill-defined not specified as rheumatic	1		1		1
422.1 Other myocardial degeneration: with arteriosclerosis	6	9	14	1	15
422.2 Other myocardial degeneration: other	14	4	14	4	18
430.0 Acute and subacute endocarditis: acute and subacute bacterial endocarditis	1	1	1	1	2
CARRIED FORWARD	465	309	624	150	774

CARRIED FORWARD

433.0 Acute and subacute endocarditis: acute and subacute
 433.1 Other myocardial degeneration: other
 433.2 Other myocardial degeneration: with arteriosclerosis

431.4 Chronic endocarditis not specified as rheumatic
 Of aortic valve
 431.1 Chronic endocarditis not specified as rheumatic:
 Of mitral valve, specified as nonrheumatic

431.0 Chronic endocarditis not specified as rheumatic:
 Of mitral valve, specified as nonrheumatic
 430.2 Angina pectoris without mention of coronary disease

430.1 Heart disease specified as involving coronary arteries
 430.0 Atherosclerotic heart disease, so described

416. Other heart disease specified as rheumatic
 411. Disease of aortic valve specified as rheumatic
 410. Disease of mitral valve

401.1 Rheumatic fever with heart involvement: active
 Rheumatic pericarditis
 401.0 Rheumatic fever with heart involvement: active

400. Rheumatic fever without mention of heart involvement
 unspecified
 397.2 Otitis media without mention of mastoiditis:

397.1 Amyotrophic lateral sclerosis
 393.2 Epilepsy: Status epilepticus
 391.1 Amyotrophic lateral sclerosis

386. Other and unspecified forms of neuritis and neuritis
 381.0 Otitis media without mention of mastoiditis: acute
 381.1 Otitis media without mention of mastoiditis:

381.2 Otitis media without mention of mastoiditis: acute
 381.1 Otitis media without mention of mastoiditis:
 (except acute infectious)

381.0 Otitis media without mention of mastoiditis:
 Encephalitis, myelitis and encephalomyelitis
 381. In cerebral and intraspinal spaces

380.3 Meningitis: except meningococcal and tuberculous
 unspecified cause
 380.2 Meningitis: except meningococcal and tuberculous:

380.1 Meningitis: except meningococcal and tuberculous:
 central nervous system
 380. Other and ill-defined vascular lesions affecting

380. Cerebral embolism and thrombosis
 381. Cerebral hemorrhage
 380. Subarachnoid hemorrhage

375.4 Mental Gellany: Mongolian
 372. Alcoholism: 372.1 Chronic
 372. Senile psychosis

372. Poplite and other hemiplegic conditions
 371.0 Pernicious and other hyperchromic anemias:
 pernicious anemia

370.0 Steatorrhea and sprue
 374. Disease of adrenal gland
 370. Diabetes mellitus

364. Other diseases of Thyroid Gland
 361. Asthma
 357. Neoplasm of unspecified nature of brain and other

BROUGHT FORWARD

180 183 223 25 303
 M F City Out Totals
 180 183 223 25 303

	M	F	City	Out	Totals
BROUGHT FORWARD	465	309	624	150	774
433.0 Functional disease of heart: heart block	1		1		1
433.1 Functional disease of heart: Other disorders of heart rhythm	1	2	2	1	3
434.1 Other and unspecified diseases of heart: congestive heart failure	13	5	15	3	18
434.3 Other and unspecified diseases of heart: other and unspecified diseases of heart	3	1	3	1	4
440. Essential benign hypertension with heart disease	4	6	6	4	10
442. Hypertensive heart disease with arteriolar nephrosclerosis	2	6	7	1	8
443. Other and unspecified hypertensive heart disease	3	1	3	1	4
444. Essential benign hypertension without mention of heart	21	26	39	8	47
445. Essential malignant hypertension without mention of heart	2	1	1	2	3
446. Hypertension with arteriolar nephrosclerosis without mention of heart	2	3	4	1	5
447. Other hypertensive disease without mention of heart		2	2		2
450.0 General arteriosclerosis: without mention of gangrene	70	69	121	8	129
451. Aortic aneurysm specified as nonsyphilitic and dissecting aneurysm	1	2	3		3
452. Other aneurysm, except of heart and aorta	3	1	3	1	4
454. Arterial embolism and thrombosis	1	2	3		3
456. Other diseases of arteries		1	1		1
460. Varicose veins of lower extremities	1		1		1
463. Phlebitis and thrombophlebitis of lower extremities		1	1		1
465. Pulmonary embolism and infarction	1			1	1
466. Other venous embolism and thrombosis	1		1		1
480. Influenza with pneumonia	4	1	5		5
490. Lobar pneumonia	6	2	8		8
491. Bronchopneumonia	19	10	22	7	29
492. Primary atypical pneumonia	2	2	4		4
493. Pneumonia, other and unspecified	11	5	12	4	16
502.0 Chronic Bronchitis: bronchitis with emphysema	4	1	5		5
510.1 Hypertrophy of tonsils and adenoids: with tonsilectomy or adenoidectomy	1		1		1
517. Other diseases of upper respiratory tract		1		1	1
519.0 Pleurisy: without mention of effusion or tuberculosis	1		1		1
521. Abscess of lung	1		1		1
522. Pulmonary congestion and hypostasis	1		1		1
523.0 Silicosis	1		1		1
525. Other chronic interstitial pneumonia	3	1	3	1	4
526. Bronchiectasis	2	2	4		4
527.1 Other diseases of lung and pleural cavity: Emphysema without mention of bronchitis	4		3	1	4
527.2 Other diseases of lung and pleural cavity: Other	1		1		1
538. Other diseases of buccal cavity		1	1		1
540.0 Ulcer of stomach: without mention of perforation	3	1	3	1	4
540.1 Ulcer of stomach: with perforation	1		1		1
541.0 Ulcer of duodenum: without mention of perforation	6	2	5	3	8
541.1 Ulcer of duodenum: with perforation	1			1	1
550.0 Acute appendicitis: without mention of peritonitis	1			1	1
550.1 Acute appendicitis: with peritonitis	3		2	1	3
561.4 Hernia of abdominal cavity with obstruction: other specified site		1	1		1
570.1 Intestinal obstruction, without mention of hernia: paralytic ileus		1	1		1
CARRIED FORWARD	671	459	927	203	1130

CARRIED FORWARD					1130
40.1	Intestinal obstruction, without mention of hernia; paralytic ileus	1	1	1	1
40.2	Intestinal obstruction, without mention of hernia; specified site	1	1	1	1
41.0	Hernia of abdominal cavity with obstruction; other	3	2	1	3
40.1	Acute appendicitis with parietalitis	1	1	1	1
40.0	Acute appendicitis without mention of parietalitis	1	1	1	1
41.1	Ulcer of duodenum with perforation	1	1	1	1
41.0	Ulcer of duodenum without mention of perforation	6	5	3	8
40.1	Ulcer of stomach with perforation	1	1	1	1
40.0	Ulcer of stomach without mention of perforation	3	3	1	4
38.0	Other diseases of buccal cavity	1	1	1	1
38.1	Other diseases of lung and pleural cavity; Other	1	1	1	1
37.2	Other diseases of lung and pleural cavity; Other	1	1	1	1
37.1	Other diseases of lung and pleural cavity; Without mention of bronchitis	4	3	1	4
37.0	Other diseases of lung and pleural cavity; Emphysema	2	2	4	4
36.0	Pneumothorax	1	1	1	1
35.0	Other chronic interstitial pneumonitis	1	1	1	1
34.0	Stenosis	1	1	1	1
33.0	Emphysema and hypostasis	1	1	1	1
32.0	Emphysema	1	1	1	1
31.0	Emphysema	1	1	1	1
30.0	Emphysema	1	1	1	1
29.0	Emphysema	1	1	1	1
28.0	Emphysema	1	1	1	1
27.0	Emphysema	1	1	1	1
26.0	Emphysema	1	1	1	1
25.0	Emphysema	1	1	1	1
24.0	Emphysema	1	1	1	1
23.0	Emphysema	1	1	1	1
22.0	Emphysema	1	1	1	1
21.0	Emphysema	1	1	1	1
20.0	Emphysema	1	1	1	1
19.0	Emphysema	1	1	1	1
18.0	Emphysema	1	1	1	1
17.0	Emphysema	1	1	1	1
16.0	Emphysema	1	1	1	1
15.0	Emphysema	1	1	1	1
14.0	Emphysema	1	1	1	1
13.0	Emphysema	1	1	1	1
12.0	Emphysema	1	1	1	1
11.0	Emphysema	1	1	1	1
10.0	Emphysema	1	1	1	1
9.0	Emphysema	1	1	1	1
8.0	Emphysema	1	1	1	1
7.0	Emphysema	1	1	1	1
6.0	Emphysema	1	1	1	1
5.0	Emphysema	1	1	1	1
4.0	Emphysema	1	1	1	1
3.0	Emphysema	1	1	1	1
2.0	Emphysema	1	1	1	1
1.0	Emphysema	1	1	1	1
0.0	Emphysema	1	1	1	1
CARRIED FORWARD					1130

	<u>M</u>	<u>F</u>	<u>City</u>	<u>Out</u>	<u>Totals</u>
BRUGHT FORWARD	671	459	927	203	1130
570.5 Intestinal obstructions, without mention of hernia: other		1	1		1
571.0 Gastric-enteritis and colitis, except ulcerative, 4 wks & over: between 4 week and 2 years	2	2	3	1	4
572.0 Chronic enteritis and ulcerative colitis: regional enteritis		1	1		1
572.1 Chronic enteritis and ulcerative colitis: Diverticulitis		1		1	1
572.3 Chronic enteritis and ulcerative colitis: other	1		1		1
578. Other diseases of intestines and peritoneum	3	3	5	1	6
580. Acute and subacute yellow atrophy of liver		1		1	1
581.0 Cirrhosis of liver: without mention of alcoholism	5	3	8		8
583. Other diseases of liver	1		1		1
584. Cholelithiasis	1	1	1	1	2
585. Cholelithiasis without mention of calculi	3	1	4		4
586. Other diseases of gallbladder and biliary ducts	1	1	2		2
587.0 Diseases of pancreas: acute pancreatitis	2		2		2
587.2 Diseases of pancreas: other diseases of pancreas	1			1	1
590. Acute nephritis		1		1	1
591. Nephritis with odema, including nephrosis	1		1		1
592. Chronic nephritis	7	3	8	2	10
593. Nephritis, not specified as acute or chronic	3	2	5		5
600.0 Infection of kidney: pyelitis, pyelocystitis and pyelonephritis	3	2	3	2	5
602. Calculi of kidney and ureter	1		1		1
605. Cystitis	1		1		1
608. Stricture of urethra	1			1	1
609. Other diseases of urethra	1			1	1
610. Hyperplasia of prostate	5		3	2	5
642.1 Toxaemias of pregnancy: renal disease arising during pregnancy		1	1		1
642.5 Toxaemias of pregnancy: Other		1		1	1
648.3 Other complications arising from pregnancy: other	-	-	-	-	-
692.6 Other cellulitis and abscess without mention of lumphangitis: of other, multiple and unspecified sites		2	1	1	2
695. Impetigo	1		1		1
705.4 Erythematous conditions: lupus erythematosus		2	2		2
705.5 Erythematous conditions: other and unqualified	1		1		1
706.0 Psoriasis	1		1		1
715. Chronic ulcer of skin		1	1		1
722.0 Rheumatoid arthritis and allied conditions: rheumatoid arthritis		1	1		1
733. Other diseases of the bone		1	1		1
744.0 Myasthenia gravis	1		1		1
744.1 Other diseases of muscle: Inborn defect of muscle	1	1	2		2
744.2 Other diseases of muscle, tendon, fascia		1	1		1
750. Monstrosity	-	-	-		-
751. Spina bifida and meningocele	2	2	2	2	4
752. Congenital hydrocephalus	3	2	4	1	5
753.1 Other congenital malformations of nervous system & sense organs: Other	1	1	2		2
754.2 Congenital malformations of circulatory system: Interventricular septal defect	1			1	1
754.3 Congenital malformations of circulatory system: Interauricular septal defect		1	1		1
754.4 Congenital malformations of circulatory system: Other and unspecified malformations of heart	8	3	9	2	11
CARRIED FORWARD	734	502	1010	226	1272

	<u>M</u>	<u>F</u>	<u>City</u>	<u>Out</u>	<u>Totals</u>
BROUGHT FORWARD	734	502	1010	226	1236
754.5 Congenital malformations of circulatory system: Coarctation of Aorta	1	1	1	1	2
754.6 Congenital malformations of circulatory system: Other circulatory malformations	1		1		1
755. Cleft palate and harelip	1		1		1
765.2 Congenital malformations of digestive system: Other	2	2	4		4
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	2		2
758.1 Congenital malformations of bones and joints: Chondrodystrophy	1		1		1
759.0 Other and unspecified congenital malformations, not elsewhere classified: of respiratory system	1	2	2	1	3
759.2 Other and unspecified congenital malformations, not elsewhere classified: muscle		2	1	1	2
759.3 Other and unspecified congenital malformations, not elsewhere classified: other & unspecified	5		5		5
760.0 Intercranial and spinal injury at birth: without mention of immaturity	3	3	4	2	6
761.0 Other birth injury: without mention of immaturity	3	1	3	1	4
762.0 Postnatal asphyxia and atelectasis: without mention of immaturity	3	3	4	2	6
762.5 Postnatal asphyxia and atelectasis: with immaturity	1		1		1
763.0 Pneumonia of newborn: without mention of immaturity	1	3	3	1	4
766.0 Pemphigus neonatorum: without mention of immaturity	1		1		1
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	1	2	1	2	3
773.0 Ill-defined diseases peculiar to early infancy: without mention of immaturity	2	2	3	1	4
774. Immaturity with mention of any other subsidiary condition	13	11	20	4	24
776. Immaturity, unqualified	22	26	40	8	48
782.4 Symptoms referable to cardiovascular and lymphatic system: acute heart failure, undefined	1	1	1	1	2
782.6 Symptoms referable to cardiovascular and lymphatic system: Oedema and Dropsy	1			1	1
790.1 Nervousness and debility: debility and undue fatigue		1	1		1
794. Senility without mention of psychosis	26	24	41	9	50
795.0 Ill-defined and unknown causes of morbidity and mortality	1			1	1
795.3 Ill-defined and unknown causes of morbidity and mortality: found dead (cause unknown)	1		1		1
795.5 Ill-defined and unknown causes of morbidity and mortality: other unknown & unspecified causes	112	49	146	15	161
BROUGHT FORWARD	941	637	1300	278	1578

	<u>M</u>	<u>F</u>	<u>City</u>	<u>Out</u>	<u>Totals</u>
BROUGHT FORWARD	941	637	1300	278	1578
E800 Railway accidents involving railroad employees	3		2	1	3
E810 Motor vehicle traffic accident involving collision with train	1		1		1
E812 Motor vehicle traffic accident involving pedestrian	1	2	2	1	3
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	2	2	2	2	4
E819 Motor vehicle traffic accident involving collision with fixed or unspecified object	1		1		1
E823 Motor vehicle traffic accident involving running off roadway	2	2	2	2	4
E830 Motor vehicle non-traffic accident to pedestrian	1	1	2		2
E891 Accidental poisoning by motor vehicle exhaust gas	3		3		3
E900 Accidental falls: fall on stairs	1		1		1
E901 Accidental falls: fall from ladders	1		1		1
E902 Other falls from one level to another	1	1	1	1	2
E903 Fall on same level	5	1	4	2	6
E904 Unspecified falls	1	3	4		4
E910 Blow from falling object	4		1	3	4
E914 Accident caused by electric current	1		1		1
E916 Accident caused by fire and explosion of combustible material	3	1	3	1	4
E919 Accident caused by firearm	1		1		1
E921 Inhalation and ingestion of food causing obstruction or suffocation	2		2		2
E925 Accidental mechanical suffocation in other and unspecified circumstances	1		1		1
E929 Accidental drowning and submersion	3		2	1	3
E936 Other and unspecified accidents	1			1	1
E970 Suicide and self-inflicted poisoning by analgesic and soporific substances		1	1		1
E971 Suicide and self-inflicted poisoning of other solid and liquid substances		1		1	1
E973 Suicide and self-inflicted poisoning by other gases	1	1	2		2
E974 Suicide and self-inflicted injury by hanging and strangulation	4		4		4
E975 Suicide and self-inflicted injury by submersion (drowning)	3	1	4		4
E976 Suicide and self-inflicted injury by firearms and explosives	6	1	5	2	7
E978 Suicide and self-inflicted injury by jumping from high place	1		1		1
TOTAL	996	655	1355	296	1651

IMMUNIZATION REPORT 1957

	Number of persons given given complete treat- ment by Health Dep- artment (Schools not included)	Reinforcing doses given
Diphtheria Toxoid	3	1
Diphtheria and Pertussis comb.	8	4
Diphtheria, Pertussis & Tetanus	3,805	2,090
Diphtheria and Tetanus Toxoid	66	88
Anti Measles	--	--
Pertussis Vaccine	--	--
Rocky Mountain Spotted Fever	4	--
Scarlet Fever Toxin	--	--
Smallpox Vaccine	4,149	(included in total)
T. A. B. T.	68	"
Tetanus Toxoid	20	"
Typhoid & Paratyphoid Vaccine	148	"
Cholera - Not issued by Prov. Gov't	84	"
Typhus - Not issued by Prov. Gov't	44	"
T.A.B.T.D. - Not issued by Prov. Gov't	93	"

SERA AND VACCINE DISTRIBUTED FOR
USE IN CALGARY

Diphtheria Antitoxin	20,000 units	6
Diphtheria Antitoxin	1,000 units	12
Scarlet Fever Antitoxin	9,000 units	2
Scarlet Fever Antitoxin	3,000 units	6
Diphtheria Toxoid		76
Diphtheria Toxoid - 36 c.c. packages		5
Diphtheria Toxoid, Pertussis Vaccine & Tetanus Toxoid, singles		2340
Diphtheria Toxoid, Pertussis Vaccine & Tetanus Toxoid, 36 c.c. packages		525
Diphtheria Toxoid & Tetanus Toxoid, singles		315
Diphtheria Toxoid and Tetanus Toxoid, 36 c.c. packages		144
Diphtheria Toxoid & Pertussis Vaccine, singles		123
Diphtheria Toxoid & Pertussis Vaccine, 36 c.c. packages		1
Gas Gangrene Antitoxin, vials of 10,000 units		89
Immune Serum Globulin, c.c.'s		2394
Influenza Virus Vaccine, Type 'A' Asian '57		2120
Material for Schick Tests		112
Anti-Measles Serum, packages of 5 c.c.'s		1252
Pertussis Vaccine		109
Rocky Mountain spotted Fever Vaccine, 20 c.c. vial		1
Smallpox Vaccine, individual capillary tubes		10958
Staphylococcus Toxoid, packages of 2 c.c.'s		128
Tetanus Antitoxin	1,500 units	873
Tetanus Toxoid, Singles		214
T.A.B.T. (Tetanus Toxoid, Paratyphoid & Typhoid Vaccine)		322
Typhoid & Paratyphoid Vaccine, singles		101
Typhoid & Paratyphoid Vaccine, 10 c.c. vials		84

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

SALK VACCINE - Polio Programme - refer to report of Dr. L. C. Allan, Ass't Medical Officer of Health, Calgary, Alberta.

MEMORANDUM REPORT 1931

Number of persons given given complete course given by Health Department (Schools not included)	Number of persons given given complete course given by Health Department (Schools not included)	Number of persons given given complete course given by Health Department (Schools not included)
1	2	3
4	5	6
2,000	3,800	7
88	90	8
--	--	9
--	--	10
--	--	11
--	--	12
--	--	13
--	--	14
--	--	15
--	--	16
--	--	17
--	--	18
--	--	19
--	--	20
--	--	21
--	--	22
--	--	23
--	--	24
--	--	25
--	--	26
--	--	27
--	--	28
--	--	29
--	--	30
--	--	31
--	--	32
--	--	33
--	--	34
--	--	35
--	--	36
--	--	37
--	--	38
--	--	39
--	--	40
--	--	41
--	--	42
--	--	43
--	--	44
--	--	45
--	--	46
--	--	47
--	--	48
--	--	49
--	--	50
--	--	51
--	--	52
--	--	53
--	--	54
--	--	55
--	--	56
--	--	57
--	--	58
--	--	59
--	--	60
--	--	61
--	--	62
--	--	63
--	--	64
--	--	65
--	--	66
--	--	67
--	--	68
--	--	69
--	--	70
--	--	71
--	--	72
--	--	73
--	--	74
--	--	75
--	--	76
--	--	77
--	--	78
--	--	79
--	--	80
--	--	81
--	--	82
--	--	83
--	--	84
--	--	85
--	--	86
--	--	87
--	--	88
--	--	89
--	--	90
--	--	91
--	--	92
--	--	93
--	--	94
--	--	95
--	--	96
--	--	97
--	--	98
--	--	99
--	--	100

SEMI AND VACCINE DISTRIBUTED FOR USE IN CANADA

10,000 units	Diphtheria Antitoxin
1,000 units	Diphtheria Antitoxin
5,000 units	Scarlet Fever Antitoxin
1,000 units	Scarlet Fever Antitoxin
10,000 units	Diphtheria Toxoid
10,000 units	Diphtheria Toxoid - 35 c.c. packages
10,000 units	Diphtheria Toxoid, Pertussis Vaccine & Tetanus Toxoid, single packages
10,000 units	Diphtheria Toxoid, Pertussis Vaccine & Tetanus Toxoid, 35 c.c. packages
10,000 units	Diphtheria Toxoid & Tetanus Toxoid, single packages
10,000 units	Diphtheria Toxoid and Tetanus Toxoid, 35 c.c. packages
10,000 units	Diphtheria Toxoid & Pertussis Vaccine, single packages
10,000 units	Diphtheria Toxoid & Pertussis Vaccine, 35 c.c. packages
10,000 units	Gas Gangrene Antitoxin, vials of 10,000 units
10,000 units	Immune Serum Globulin, c.c.'s
10,000 units	Influenza Virus Vaccine, Type 'A' Asian '51'
10,000 units	Material for Schick Test
10,000 units	Anti-Measles Serum, packages of 5 c.c.'s
10,000 units	Pertussis Vaccine
10,000 units	Rocky Mountain spotted Fever Vaccine, 35 c.c. vial
10,000 units	Smallpox Vaccine, individual capillary tubes
10,000 units	Staphylococcus Toxoid, packages of 5 c.c.'s
10,000 units	Tetanus Antitoxin
10,000 units	Tetanus Toxoid, single packages
10,000 units	T.A.S.T. (Tetanus Toxoid, Pertussis Vaccine & Typhoid Vaccine)
10,000 units	Typhoid & Pertussis Vaccine, single packages
10,000 units	Typhoid & Pertussis Vaccine, 10 c.c. vials

All the above material supplied from the Provincial
Government, Department of Health, Education, and Arts
products of the Connaught Laboratories, University of
Toronto, Ontario.

REPORT OF INOCULATION CLINICS FOR 1957

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Inoculations	1141	946	1168	1078	1086	1060	993	888	1214	1543	1779	1120	14,016
Vaccinations	210	186	563	267	254	117	88	63	198	197	121	89	2,353
Schick Tests	32	50	33	21	28	2	22	30	58	30	35	3	344
Tuberculin Tests	142	16	41	15	--	15	10	32	--	16	190	165	642
Investigations made	3	2	4	8	3	4	10	5	6	2	5	6	58
Swabs Taken	4									1			5
Total Visits made	61	59	61	52	59	57	74	40	58	48	58	52	679
TOTAL	1593	1259	1870	1441	1430	1255	1197	1058	1534	1837	2188	1435	18,097

REPORT OF SUPERVISOR OF NURSING HOMES

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Nursing Home Inspections	45	30	31	11	10	-	32	-	32	33	26	34	284
Licenses Revoked	-	-	-	-	-	-	-	-	-	-	-	-	-
Complaints received	4	4	-	-	-	-	4	-	4	3	2	5	29
Complaints justified	4	2	-	-	-	-	3	-	3	2	1	2	17
Licenses transferred	-	-	-	-	-	-	1	-	-	-	-	-	1

REPORT OF INOCULATION SERVICE FOR 1937

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Inoculations	1141	925	1141	1000	1000	993	988	1214	1343	1339	1130	1461	
Associations	210	160	200	200	200	170	80	63	198	187	151	180	
Animal Tests	11	20	20	20	20	22	30	30	30	30	30	30	
Microscopic Tests	100	100	100	100	100	100	100	100	100	100	100	100	
Investigations made	2	2	2	2	2	2	2	2	2	2	2	2	
Made known	4									1			
Total visits made	61	50	50	50	50	50	50	50	50	50	50	50	
TOTAL	1903	1220	1870	1861	1870	1853	1857	1858	1934	1937	1838	1469	

REPORT OF INOCULATION SERVICE FOR 1938

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Inoculations	42	30	31	11	10	32	32	32	32	32	32	32	384
Associations	-	-	-	-	-	-	-	-	-	-	-	-	-
Animal Tests	4	4	-	-	-	-	4	-	4	3	3	3	30
Microscopic Tests	4	2	-	-	-	-	3	-	3	3	1	3	19
Investigations made	-	-	-	-	-	-	1	-	-	-	-	-	-

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

Dear Sir:

The following comment with the statistical tables will present a picture of communicable disease in Calgary for 1957:

Popularly, communicable disease control is considered the most important function of a Health Department. However, as the serious communicable diseases are brought under control and measures of protection become more or less routine, communicable disease is becoming a problem of smaller and smaller magnitude.

Reporting of communicable diseases is far from complete and the number of cases reported of measles, whooping cough, scarlet fever, septic sore throat, and poliomyelitis gave a picture less than noteworthy for these diseases. This is not to say that these diseases do not still carry the risk of serious, permanently handicapping or fatal complications. Among 1957's more serious complications were rheumatic fever and heart disease following streptococcal sore throat, fatal pneumonia with measles, crippling paralysis and death with poliomyelitis. Mumps, a disease whose reporting is not compulsory overshadowed in sheer numbers all the usual communicable childhood diseases last year, and in its course affected many adults as well.

Data tabulated by this Department on poliomyelitis cases for 1957 to show the numbers reported, paralytic, non paralytic, previously vaccinated and not vaccinated, were a contribution to the Canadian Survey to ascertain the effectiveness of very assiduous efforts to protect all of the younger population against poliomyelitis by inoculation with Salk Vaccine.

1957 was a year of a pandemic of influenza which reached Calgary in small numbers in August, but grew to tens of thousands of cases by October and began to abate by mid November. In October there were times when some school classes had more than 50% absent. Actual figures were not obtained for three reasons: one, that it was not compulsory to report a case of influenza; two, that the mildness of the disease in the great majority made it unlikely that reporting would be satisfactory even if it were compulsory; and third, that accuracy of the diagnosis could always be questioned because the great distance of laboratory facilities for virus diagnosis made any large scale search for laboratory confirmation impractical.

An attempt was made to immunize by groups in the community, those essential to the operation of public utilities, police and hospital personnel, but vaccine arrived too late in the epidemic for this to be of great value. The late arrival could not cause surprise as the vaccine had to be made from the actual strain of virus causing this epidemic and no stores would have been on hand in advance of the epidemic. It was noted with relief that the death rate from this pandemic of influenza was much below that of the pandemic of 1919. Although there were fatalities and cases with serious complications, these seem to have been mainly among the very old and the very young.

Respectfully submitted,

Agnes O'Neil, M.D., D.P.H.,
 Communicable Disease Division.

J. H. Hill, M.D., C.M., F.R.C.P.,
Medical Officer of Health,
City of Calgary.

Dear Sir:

The following comment with the statistical tables will present
a picture of communicable diseases in Calgary for 1937:

Popularly, communicable disease control is considered the most
important function of a Health Department. However, as the serious
communicable diseases are brought under control and measures of
protection become more or less routine, communicable diseases are
becoming a problem of smaller and smaller magnitude.

Reporting of communicable diseases is far from complete and the
number of cases reported of measles, whooping cough, scarlet fever,
epidemic typhus, and poliomyelitis gave a picture less than the
actual for these diseases. This is not to say that these diseases do
not still carry the risk of serious, permanently handicapping or fatal
complications. About 1937's large serious complications were typhus
fever and heavy disease following streptococcal sore throat, diphtheria,
pneumonia with abscess, erysipelas, paratyphoid and death with poliomyelitis.
This, however, a disease whose reporting is not compulsory overshadowed
in their numbers all the usual communicable childhood diseases last
year, and in its course affected many adults as well.

Data tabulated by this Department on poliomyelitis cases for
1937 to show the numbers reported, paralytic, non paralytic, previously
vaccinated and not vaccinated, were a contribution to the Canadian
survey to ascertain the effectiveness of very successful efforts to
protect all of the younger population against poliomyelitis by
inoculation with Salk vaccine.

1937 was a year of a pandemic of influenza which reached Calgary
in small numbers in August, but grew to tens of thousands of cases by
October and began to abate by mid November. In October there were
times when some school classes had more than 50 absent. Actual
figures were not obtained for three reasons: one, that it was not com-
pulsory to report a case of influenza; two, that the witnesses of the
disease in the great majority were so unwell that reporting would be
unsatisfactory even if it were compulsory; and third, that accuracy of
the diagnosis could always be questioned because the great distance of
laboratory facilities for virus diagnosis made any large scale search
for laboratory confirmation impractical.

An attempt was made to minimize by groups in the community,
those essential to the operation of public utilities, police and
hospital personnel, but vaccine arrived too late in the epidemic for
this to be of great value. The fact arrived could not cause surprise
as the vaccine had to be made from the actual strain of virus causing
this epidemic and no stocks would have been on hand in advance of the
epidemic. It was noted with relief that the death rate from this
pandemic of influenza was much below that of the pandemic of 1918.
Although there were fatalities and cases with serious complications,
these seem to have been mainly among the very old and the very young.

Respectfully submitted,

Agnes O'Hall, M.D., F.R.C.P.,
Communicable Disease Division.

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

Dear Sir:

Herewith a report of the activities of the Divisions of Sanitary Inspection, Dairy Inspection, Meat Inspection and Food Control and the Laboratory, for the year 1957.

GENERAL SANITARY INSPECTION

Inspections throughout the city have been adequately maintained. With the city limits being extended to the south, west and north, considerably more area has had to be supervised by the district Inspectors. With new businesses being developed in these areas it may be necessary in the near future to request an additional two inspectors to the staff.

Statistical report follows:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Inspections made	1454	1367	1580	1606	1765	1433	1967	1314	1284	1526	1700	1607	18603
Notices Issued - Written	6	5	3	35	14	6	4	8	24	3	6	4	118
Notices - Issued - Verbal	348	329	406	438	501	327	514	388	352	390	475	339	4807
Complaints Received	24	17	64	51	47	40	58	63	44	22	29	29	488
Complaints Justified	11	16	55	44	32	35	46	54	39	19	24	16	391
Prosecutions	-	-	-	-	-	-	-	-	-	-	-	-	--
TOTALS	1843	1734	2108	2174	2359	1841	2589	1827	1743	1960	2234	1995	24407

QUARANTINE

Quarantines and communicable disease investigations were about double those of the previous year. The report is as follows:

	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
Houses Quarantined	26	45	31	38	38	25	27	31	20	22	10	14	327
Houses re-leased from quarantine	22	47	48	42	33	19	15	45	28	18	33	9	359
TOTALS	48	92	79	80	71	44	42	76	48	40	43	23	686

1942 1964

Food condemned during the year was as follows:

5 lb. beef roast	470 lbs. beef	4 lb. chicken
8 cans or jars of chicken	8 lb. pork	15 lbs. hamburger
15 lbs. steak	1 lb. jam	5 lbs. pork spareribs
84½ pints ice cream	5 lb. calf liver	23,200 lbs. mixed mellow & squash

MEAT INSPECTION

The number of inspections made have greatly increased over past years due to the opening of a second local abattoir. The meat inspection staff have done an excellent job of anti and post mortem examination.

The statistics are as follows:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
Submitted:													
Beef	309	316	409	473	550	528	674	681	628	659	631	548	6406
Veal	404	446	494	612	518	532	451	535	568	772	643	520	6495
Hogs	56	42	76	80	69	67	76	62	82	86	132	103	931
Sheep & Lamb	11	27	20	--	23	23	73	125	156	48	23	46	575
TOTALS	780	831	999	1165	1160	1150	1274	1403	1434	1565	1429	1217	14407
Condemned:													
Beef	2		1½	5	4½	1	3½	5½	1½		3½	1½	29 ¾
Veal			3		½			1	2			1	7½
Hogs			1	1		1	½		½		1	3	7½
Sheep & Lamb									½				½
TOTALS	2		5½	6	5	2	3½	6½	3 3/4		4½	5½	45
Portions Condemned:													
Beef heads & tongues	17	12	19	16	21	16	15	21	17	21	16	20	211
Beef hearts	9	9	10	14	16	20	24	16	22	13	13	16	182
Beef livers	59	52	69	95	99	107	151	127	115	106	93	79	1152
Veal heads & tongues	22	10	12	11	17	8	3	9	4	8	8	6	118
Veal hearts	4	6	5	2	6	3	2	5	3	3	-	1	40
Veal livers	31	19	44	58	60	70	40	34	26	21	37	23	468
Hog heads & tongues	4	2	4	1	5	3	3	1	4	4	12	12	60
Hog hearts	1		4	1	5	2	2	3	2	6	2	3	31
Hog livers	4	4	13	13	17	8	16	16	6	16	28	23	164
Sheep livers	1	4	4		8		11	12	13	4	1	2	60
Sheep hearts									1	1		2	4
TOTALS	152	118	184	211	254	237	272	244	213	203	210	192	2490

DAIRIES AND MILK CONTROL

The supervision of the production, processing, handling and sale of fluid milk and cream has been adequately taken care of by the Inspectors assigned to these duties.

The statistical report follows.

Good condemned during the year was as follows:

COTTON: 1987-1988 T-15M

The results are as follows:

[illegible]

DAIRIES AND MILK COOPERATIVES

METHYLENE BLUE TESTS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
GRADE 1	610	468	606	402	545	519	592	435	572	525	608	310	6192
GRADE 2	42	27	49	41	90	99	68	100	73	60	34	22	705
GRADE 3	36	25	43	18	65	78	44	66	45	32	30	15	497

SEDIMENT TESTS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
GRADE 1	102	69	116	72	163	166	237	91	306	246	277	149	1994
GRADE 2	532	358	487	339	415	412	397	459	339	330	351	172	4591
GRADE 3	54	41	94	50	53	49	70	59	43	41	44	26	624

AVERAGE OFFICIAL PLATE COUNT

Standard	-	6,000	Jersey	-	11,000
Homogenized	-	4,000	Sub Standard Cream	-	6,000
Skim Milk	-	8,000	Whipping Cream	-	16,000

AVERAGE BUTTERFAT CONTENT

Standard	-	3.39%	Jersey	-	4.61%	Cream	-	35.0%
Homogenized	-	3.40%	Superior	-	10.38%			

Total Milk Sales in quarts - 22,381,417

Total Cream Sales in quarts - 1,750,083

Per capita, per day consumption: Milk - 0.636 pints

Cream - 0.049 pints

The following is a report of the Milk and Dairy Inspection.

MONTHLY MILK TESTS

GRADE 1	GRADE 2	GRADE 3	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
610	45	30	608	600	565	519	525	435	575	525	508	510	512	512
45	37	25	43	47	50	98	98	100	75	60	58	55	50	50
30	25	25	43	43	48	48	44	60	60	65	38	35	35	35

MONTHLY TESTS

GRADE 1	GRADE 2	GRADE 3	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
103	325	24	99	115	72	105	105	105	105	61	305	245	245	185
325	325	24	407	308	415	415	387	435	435	435	335	335	335	175
24	24	24	41	44	50	53	50	50	50	50	43	41	44	20

AVERAGE DAILY MILK SALES

Standard	- 8,000	Jersey	- 11,000
Homogenized	- 4,000	Sub Brand Cream	- 6,000
Skim Milk	- 8,000	Whipping Cream	- 15,000

AVERAGE DAILY COSTS

Standard	- 3.35X	Jersey	- 4.65X
Homogenized	- 3.65X	Superior	- 10.38X

Total Milk Sales in month - \$2,381.41X

Total Cream Sales in month - 1,150.68X

Per quart, per day consumption: Milk - 0.515 pints

Cream - 0.065 pints

The following is a report of the Milk and Dairy Inspection

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Dairy Farm Inspections	68	57	73	112	134	98	89	113	139	142	112	70	1207
Milk Plant Inspections	40	48	54	52	44	46	32	40	44	48	36	30	514
Permits issued to Dairymen	372	3	2	-	3	2	4	3	3	4	4	-	400
Permits issued to Cowkeepers	8	-	-	-	-	-	-	-	-	-	-	-	8
Permits issued to Distributors	5	-	-	-	-	-	-	-	-	-	-	-	5
Permits issued to Milk Plants	5	-	-	-	-	-	-	-	-	-	-	-	5
Permits issued to Collectors	-	-	-	-	-	-	-	-	-	-	-	-	-
Complaints received	4	3	4	2	1	1	3	2	4	1	3	1	29
Complaints justified	2	1	2	-	1	1	2	1	1	1	3	-	15
Notices issued	111	91	172	94	158	169	156	191	162	141	155	68	1668
Permits suspended	3	2	1	2	3	6	6	7	5	4	3	3	45
Dairymen's Samples Collected(Total)	1377	939	1400	926	1338	1324	1412	1217	1386	1240	1345	698	14602
Dairymen's Sediment Tests	688	468	697	461	631	627	704	609	688	617	672	347	7209
Dairymen's Reduc-tase Tests	688	468	698	461	700	696	704	601	690	617	672	347	7342
Special Tests on Producers samples	1	3	5	4	7	1	4	7	8	6	1	4	51
Milk condemned - lbs.	148	-	236	148	420	400	348	268	160	380	460	290	3258
Milk cans condemned number	12	9	11	7	13	16	8	6	12	10	17	10	131
Distributors samples collected(total)	56	76	74	66	66	66	68	70	67	66	63	66	804
Distributors sediment tests	54	56	64	61	62	62	62	62	62	56	56	56	713
Distributors specific gravity tests	54	56	64	61	62	62	62	62	62	56	56	56	713
Distributors butter fat tests	54	56	64	61	62	62	62	62	62	56	56	56	713
Distributors Phosphatase Tests	54	56	64	61	62	62	62	62	62	56	56	56	713
Distributors Plate Count Tests	54	56	64	61	62	62	62	62	62	56	56	56	713
Distributors B. Coli Tests	54	56	64	61	62	62	62	62	62	56	56	56	713
Special Tests of Distributors Samples	2	20	10	5	4	4	6	8	5	10	7	10	91
Total Samples Collected	1433	1015	1474	992	1404	1390	1480	1287	1453	1306	1408	764	15406

NOTES ON THE REVISION

LABORATORY

The examination of water, milk, food and drink have increased considerably as will be seen from the statistical report which follows:

Examination of Water Samples

Water Sample	Number Received	Presum. Lactose (100cc)	Presum. Lactose (10 cc)	Presum. Lactose (1 cc)	Agar Plate Count	Confirmation (BGB)	Completion	Total
City Water	519	1557	1557	1557	1557	576	3	7,326
Glenmore Plant	709	2127	2127	2127	2127	60		9,277
Swimming Pools	135	405	405	405	405	18		1,773
Well Water	171	513	513	513	513	384	14	2,621
Miscellaneous	503	1509	1509	1509	1509	904		7,443
TOTAL	2037	6111	6111	6111	6111	1942	17	28,440

Examination of Milk and Milk Products

Dairy	Babcock	Phosphatase	Specific Gravity	Total Solids Test	Total Solid Not Fat Test	TGEM Plate Count	BGB coliforms	Reductase (raw)	Distributors Samples	Special tests on Producers Samples
#1) #2) #3) #4)	703	703	703	703	703	2076	3460	8008	13	27
Army	10	10	10	10	10	30	50			
C.P.R.						111	185			
TOTAL	713	713	713	713	713	2217	3695	8008	13	27

TOTAL 17,525

Food and Drink Examinations

Frozen Egg	Bacteria Count	Solids	Miscellaneous	Total
Sheinen	384	128		512
A.P.M.	345	115		460
C.A.D.P.	207	69		276
Burns	12	4		16
TOTAL				1264

Restaurant and Beverage Room Utensils

Restaurants or Beverage Rooms	Plate Count	Microscopic	Miscellaneous	Total
Beverage Rooms	468			468
Restaurants	576			576
Ice Cream Mixers	30		(BGB) 50	80
Misc. Exam. and Cultures		12		12
TOTAL				1,136

GRAND TOTAL 48,365

LABORATORY

The examination of water, milk, food and drink have increased considerably as will be seen from the statistical report which follows:

Examination of Water Samples

Water Sample	Number Collected	Bacter. (100cc)	Presum. Bacter. (100cc)	Presum. Bacter. (100cc)	Presum. Bacter. (100cc)	Condition (BOD)	Completion	Total
City Water	219	1527	1527	1527	1527	275	2	1,725
Glennore Plant	702	2197	2197	2197	2197	60		9,277
Swimming Pools	132	402	402	402	402	18		1,772
Well Water	171	212	212	212	212	384	14	2,621
Miscellaneous	302	1502	1502	1502	1502	902		7,442
TOTAL	2027	6111	6111	6111	6111	1922	17	28,640

Examination of Milk and Milk Products

Dairy	Bab. Count	Phos. Test	Spec. Grav. Test	Total Solids Test	Total Solids Fat Test	Local Plate Count	Local Plate Count	Re-duct. (raw)	Glact. butyric	Special Tests & Samples
41	702	702	702	702	702	2025	2462	8008	12	27
42										
43										
44										
Army	10	10	10	10	10	30	30			
C.P.R.						111	182			
TOTAL	712	712	712	712	712	2217	2692	8008	12	27

TOTAL 17,25

Food and Drink Examinations

Frozen Egg	Bacter. Count	Solids	Miscellaneous	Total
Shelton	382	152		512
A.P.M.	342	112		452
C.A.D.P.	202	22		272
Burgs	12	4		16
TOTAL				1252

Restaurant and Beverage Food Samples

Restaurant or Beverage Room	Plate Count	Microscopic	Miscellaneous	Total
Beverage Room	402			402
Restaurants	272			272
Ice Cream Parlors	20	(BOD) 20		40
Misc. Exam. and Cultures	12			12
TOTAL				1,124

W. B. Hill, Esq., M.D., C.M., F.R.C.P.,
Medical Officer of Health,
Calgary, Alberta.

27.

CONCLUSION

Dear Dr. Hill:

The statistical reports indicate that a goodly measure of Public Health control has been exercised throughout the year. On behalf of the Inspectional Staff and the Laboratory Technicians, I wish to tender our thanks to you, Sir, for your generous assistance and advice in respect of the many problems that confront us.

There was an increase of 239 cases of whooping cough in 1937, 113 of these were from out of town.

Respectfully submitted,

New Cases: Infants 3,505
Pre-school 1,502 Total 5,007

Attendance by Clinician: City 72,531
Deacon 2,043
Kilmer 2,043
North Hill 2,272
Sawyer 1,533
House Calls 353 Total 72,531

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

All figures are included in the main reports.

Present enrolment at all City Clinics: Infants 9,451
Pre-School 13,137 Total 22,588

Total number interviewed by Doctors: 6,197

Of 2,250 complete examinations in the 3 to 5 age group, 1,417 were found to be O.K., and 438 missed appointments.

Total number of visits to Home - 4,600

Infant feeding comparisons: Breast 2,012
Bottle 10,003
Others 1,585

DEFORMITIES:	Scin	434	Intestinal	33
	Ears	45	Conjunctival	12
	Eyes	33	Malformation	
	Hernia	61	Stomach & Throat	29
	Chest	67	Tonsils & Adenoids	37
	Orthopaedic	56	Heart	8
	Nutrition	14	Tooth	732
	Anaemic	5	Dental Defectives	2
	Pharynx	17		

14 of the above cases were referred to their family doctor.

There have been three deaths.

Tonsil and Adenoid Operations numbered four.

The Tonsil and Adenoid operations are performed at the Calgary General Hospital by the Head of the Ear, Eye, Nose and Throat service.

CONCLUSION

The statistical reports indicate that a goodly amount of Public Health control has been exercised throughout the year. On behalf of the International Staff and the Laboratory Technicians, I wish to tender our thanks to you, Sir, for your generous assistance and advice in respect of the many problems that confront us.

Respectfully submitted,

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

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 the year 1957.

Attendance:	Infants	16,491	
	Pre-School	<u>6,140</u>	<u>Total 22,631</u>

There was an increase of 339 over that of last year - 113 of these were from out of town.

New Cases:	Infants	3,605	
	Pre-School	<u>902</u>	<u>Total 4,507</u>

Attendance by Clinics:	City Hall	7,975	
	Scarboro	6,483	
	Killarney	2,043	
	North Hill	4,222	
	Renfrew	1,555	
	Maude Riley Home	<u>353</u>	<u>Total 22,631</u>

All figures are included in the main report.

Present enrolment at all City Clinics:	Infants	9,453	
	Pre-School	<u>16,137</u>	<u>Total 25,590</u>

Total number interviewed by Doctors: 4,597

Of 2,390 complete examinations in the 3 to 6 age group, 1,417 were found to be O.K., and 658 missed appointments.

Total number of visits to Homes - 4,600

Infant feeding comparisons:	Breast	2,055
	Bottle	10,903
	Others	3,533

<u>DEFECTS:</u>	Skin	454	Intestinal	53
	Ears	45	Congenital	12
	Eyes	88	Malformation	
	Hernia	61	Nose & Throat	29
	Chest	67	Tonsils & Adenoids	87
	Orthopedic	36	Heart	6
	Nutrition	14	Teeth	782
	Anaemic	6	Mental Defectives	2
	Phimosis	17		

34 of the above cases were referred to their family doctor.

There have been three deaths.

Tonsil and Adenoid Operations numbered four.

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

G. H. Hill, Esq., M.D., C.M., F.R.C.,
 Medical Officer of Health,
 Calgary, Alberta.

Dear Dr. Hill:

I, herewith, submit the report of the Infant and Pre-School
 Clinics for the year 1937.

Attendance: Infants	15,481	Pre-School	6,143	Total	21,624
There was an increase of 332 over that of last year - 113 of these were from one of town.					
New Cases: Infants	3,503	Pre-School	903	Total	4,406
Attendance by Clinics:					
City Hall	7,977				
St. Mary's	6,483				
Calgary	2,063				
North Hill	4,333				
Home	1,222				
Home Visitation	353				
Total	21,624				

All figures are included in the main report.

Treatment expenditure at all City Clinics: Infants 9,433
 Pre-School 1,117 Total 10,550

Total number interviewed by Nurses: 4,527
 Of 2,370 domestic examinations in the 3 to 5 age group, 1,415 were found to be O.K., and 955 missed examinations.

Total number of visits to homes - 4,600

Infant feeding examinations: Breast 3,032
 Bottle 10,503
 Other 3,533

DEFECTS:			
Brain	454	Intestinal	23
Ears	45	Congenital	12
Eyes	83	Malformation	
Heart	61	Heart & Throat	29
Chest	67	Tonsils & Adenoids	87
Orthopedic	80	Other	6
Malnutrition	14	Teeth	782
Abnormal	6	Abnormal Pelvic Area	2
Unlisted	17		

34 of the above cases were referred to their family doctor.

There have been three deaths.

Tonsil and Adenoid Operations numbered four.

The Tonsil and Adenoid operations are performed at the Calgary General Hospital by the Head of the Ear, Nose and Throat Service.

Eighty-four students from the Calgary General Hospital have attended the Clinics with the Public Health Nurse they are assigned with for a given period.

Voluntary Workers - 354 for $\frac{1}{2}$ day each.

Nursing Aides - 76 for $\frac{1}{2}$ day for observation.

Letters: 11,637 letters have been forwarded in connection with clinic work.

I would like to thank the Junior Service League members for their help in our Clinics. We are greatly indebted to the ladies for the time which they gave.

We, again, give a very special thank you to the ladies of the Hounsfield Heights Sewing Club for the lovely quilts which they so generously donate.

We are, also, indebted to the various firms for Cod Liver Oil and other Infant Food products.

Respectfully submitted,

Anne Mackenzie, P.H.N.,
Child Hygiene Clinic,
City of Calgary, Alberta.

Eighty-four students from the Calgary General Hospital have
attended the Clinic with the Public Health Nurse they are assigned
with for a given period.

Voluntary Workers - 354 for 1/2 day each.

Training Aides - 75 for 1/2 day for observation.

Letters: 11,537 letters have been forwarded in connection
with clinic work.

I would like to thank the Junior Service League members for
their help in our Clinic. We are greatly indebted to the ladies for
the time which they gave.

We, again, give a very special thank you to the ladies of the
Hornfield Night Sewing Club for the lovely quilts which they so
generously donated.

We are, also, indebted to the various firms for food items for
and other infant food products.

Respectfully submitted,

Anna MacKenzie, B.S.N.,
Child Welfare Clinic,
City of Calgary, Alberta.

W. H. Hill, Esq., M.D., C.M., D.P.H.,

Medical Officer of Health,

City of Calgary, Alberta.

Dear Sir:

The following report sets out the work accomplished by the School Health Division in the City Schools during the year 1957 and is presented for your information.

In keeping with the generalised Health Service and the rapid expansion of the City, 29 Districts were created. Each district was allocated to a Public Health Nurse who was responsible for carrying out the Departmental Health policy within her area relating to the schools, community home visiting and Infant Health Centres. 29 Districts represents an increase of 5 over 1956.

During the ten months of the school year, a total of 9050 children received a full medical examination designed to assess their health status. In addition, 652 were examined for competitive sports. The average school pupil enrolment within the City School System numbered 36,000, approximately. Thus 25% of pupils enrolled received a medical examination by one of the school physicians. All children in Grade 1 to VII were given a routine examination together with all new entrants into the school system in any grade. The Grade X pupils are examined chiefly on a screening system. 522 were examined on special request made by the teacher or nurse. Parents were invited to be present during the physical examination of 8232 of the children. 4466 accepted the invitation or 55%. Where no parent is present, a brief summary of the findings, together with any recommendations, where indicated, is sent home to the parent with the child. Any defects requiring medical attention are recorded on a special referral form and sent home with the child. The immunization state of each child is checked at the examination and in addition the school nurses review the medical history record routinely in certain grades for children who have not been inoculated and those whose immunizations are outdated. Special inoculation sessions are carried out in each school during January to June by the school nurses in order to provide every opportunity for keeping all protective inoculations up to date. Parental consent for every inoculation whether primary or repeat is always obtained. During the school year 1957, 3778 children were vaccinated and 7750 given a booster dose of the diphtheria and tetanus toxoid. From the results of the physical examination each child's health state is interpreted to the parent by an arbitrary health category somewhat similar to the system used in expressing their academic standing. Three grades are used - A = Good; B = Fair and C = Poor. A total of 8142 or 93% were awarded an A standing; 546 or 6% were awarded a B standing and 41 or 1% had a C grade. The general standard of health of the school pupils is considered to be extremely satisfactory. The defects noted by the examining physicians is summarised in the following table:

Defects	Number	% of total examined
Eyes	595	6.6%
Ears	186	2.0%
Dental	2926	32.3%
Tonsils & Adenoids	356	4.0%
Cardiac	66	0.7%
Pulmonary	89	0.9%
Abdominal	25	0.2%
Hernia	33	0.3%
Genital	80	0.9%
Feet	407	0.5%
Orthopaedic	162	1.9%
Endocrine	38	0.4%
Nose	62	0.7%
Glands	137	1.5%
Speech	85	0.9%
Apparent Anaemia	69	0.7%
Others	77	0.8%

From these examinations, 488 pupils or 5.4% were referred to their own family physician, either on account of some specific defect noted for which treatment was warranted or for other or further investigations. 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 nurses and teachers to the Minor Ailments Clinic. A total of 895 children were seen at this centre with 179 referred to their own private doctors for continuation treatment.

The Public Health Nursing Staff have had a very active year and performed a vast amount of constructive health supervision as the following summary will testify. The nurse is an integral part of school and both parents and children make a great deal of use of her services.

The following table summarizes some of the nurse's activities:

Infants	
Children	
Adults	
Geriatric	
Female	
Male	
Color	
Religion	
Education	
Occupation	
Marital Status	
Address	
City	
State	
Zip	
Phone	
Other	

The following table summarizes some of the nurse's activities:

On Monday and Tuesday afternoon at the City Hall, children are referred by nurses and residents to the Health Department. A total of 892 children were seen at this location. The 175 referred to their own private doctors for continuing treatment.

The Public Health Nursing Unit have had a very active year and performed a vast amount of constructive health supervision as the following survey will testify. The survey is an integral part of school and both parents and children have a great deal to use of her services.

The following table summarizes some of the nurse's activities:

Communicable Diseases Investigated		Inspections	
Measles	514	Dental Inspections	9841
Scarlet Fever	64	Referred for dental attention	6500
Whooping Cough	109	Pupils examined by nurse	16147
Rubella (German Measles)	1244	Referred to Physicians	965
Chicken Pox	345	Medical examinations assisted at	9050
Mumps	515	Vision Tests	21302
Infestations	39	Referred re vision defects	2182
Others	253	First Aid Treatments	7223
Exclusions from School		Home Visits re School pupils	2455
Suspected Communicable disease	233	Post Natal Visits	4691
Impetigo	151	Infants and Pre-School Visits	1567
Scabies	44	Adult Visits	4269
Infestations	22	<u>Conferences regarding Health with:</u>	
Other reasons	491	Pupils	11397
Inoculations		Parents	6924
Diphtheria & Tetanus Toxoids	7750	Teachers	10516
Vaccinations	3778	Doctors	1312
Mantoux Tests Gr. X	1640	Other Agencies	774
Positive Mantoux Tests	137	<u>Audiometer Tests:</u>	
Salk Polio Inoculation Program:		Grade 3 Pupils referrals	3200
School pupils	43666		
Pre-School children	43538		
Adults & Expectant Mothers	10881		
Total	98085		
<u>Asiatic Flu Vaccine:</u>			
Teachers	1500		
Other Adults	8000		

With the more plentiful supply of Salk Poliomyelitis Vaccine during 1957 a very ambitious and intensive programme was instituted for the school pupils and the pre-school infants. The children in Grades one to six who had been started in 1956 were given their final inoculation. All pupils in Grades VII to XII were given two doses before schools closed in June. All pre-school children born between 1950 and 1951 were given their final doses and the group born between 1952 and 1955 were all eligible to receive the series. As in former years, all expectant mothers were also included in the programme. An over all total of 98,085 inoculations were given of the Salk Vaccine in 1957. Through the excellent cooperation received from Radio and Press, the campaign was kept before the public eye and was considered an outstanding success. The success of the Poliomyelitis inoculation campaign, in no small way, can be attributed to the speed and efficiency with which huge numbers of people were handled by all taking part in this inoculation drive. A special vote of thanks is due to the volunteers from two of the City Organizations who devoted a great deal of time in handling the recording of Polio inoculations. To those members of the Central Volunteer Bureau who provided transport for the nurse inoculating teams covering the schools, and to the many ladies from this same organization who acted as

3

recorders at the Inoculation Clinics, the Health Department wishes to record its appreciation of the time and help so generously given in such a worthy cause. Also, to those parents from many of the Home and School Association Branches who also acted as recorders, the Department wishes to acknowledge its thanks for the job well done.

The incidence of Poliomyelitis during 1957 amounted to 18 cases within the City Limits. 11 persons were diagnosed as non-paralytic poliomyelitis and 7 cases had evidence of paralysis. It is interesting to note that only one case of paralytic polio occurred in the school population. In addition there were five cases of non-paralytic polio diagnosed in school age children.

The Asiatic influenza epidemic of the Fall of 1957 threw an additional heavy burden of work upon the nursing staff. The Department made a valiant effort in administering the preventive Influenza Vaccine to the adult members of the essential services designated by the Provincial Government as priority groups for receiving vaccine, as it became available. Nurse inoculating teams were organized who went to the offices of essential service workers and inoculated all persons who wished to receive the vaccine. As the epidemic was reasonably well established within the City before the first vaccine shipments were received, the actual interest of employees in receiving the vaccine was rather mixed.

There was a high wane of absenteeism in many of the schools due to the 'flu virus, particularly in the High Schools, Junior and Senior, that is. In no instance was it felt necessary to close a school. The epidemic wane lasted about four weeks in all.

The Grade X pupils in High Schools were all offered a Mantoux Test in the Tuberculosis programme. Of the 1896 pupils enrolled in Grade X, 1640 accepted the test. 137 or 8.4% of those accepting the test were positive reactors. No active cases of tuberculosis were discovered during the survey. All reactors were x-rayed at the Health Department Miniature X-Ray Unit. All reactors who from the previous years' programme were, also, re x-rayed before being released.

Grade 3 pupils were all given a routine group hearing test by the nurses. Over 4000 pupils were tested using the Massachusetts Group Hearing Test with 278 failures. Those failing the test were then given individual tests. 2.5% of the failures were found to have a hearing problem.

During 1957, 36 children were provided with glasses free of charge. In all cases, the economic circumstances of the family were carefully checked before the charge was made to the City. The cost of this service amounted to \$242.35. At the discretion of the school nurse, certain families were selected to receive extra milk for the benefit of their children.. This milk was delivered to the home. The cost of this service amounted to \$877.18.

The Health Department vitamin tablet supplement was again made available to school children during the year. These tablets are a very popular means of presenting a vitamin supplement.

During 1957, a total of 59 third year student nurses from the General Hospital each spent five days with a Public Health Nurse. The student nurses received in insight into public health practices relating to school health work, Infant Welfare Clinics and home visiting, communicable disease control. Tuberculosis follow-up work and preventive inoculation routine. The Public Health Nurses take a lot of time and trouble in organizing a schedule within their districts in order to give the students as interesting and varied a work week as possible. Their efforts are sincerely appreciated.

The Department sincerely appreciates the professional advice and services given by certain Ophthalmologists and Optometrists 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 Divisions for their loyalty and cooperation. The excellent "esprit de corps" that exists amongst the staff is in every way responsible for the great volume of work accomplished throughout the year.

Respectfully submitted,

LESLIE C. ALLAN, M.B., ChB., D.P.H.,
ASSISTANT MEDICAL OFFICER OF HEALTH.

During 1957, a total of 39 third year student nurses from the General Hospital each spent five days with a Public Health Nurse. The student nurses received an insight into public health practices relating to school health work, Infant Welfare Clinics and home visiting, communicable disease control, Tuberculosis follow-up work, preventive inoculation routine. The Public Health Nurse takes a lot of time and trouble in organizing a schedule within their district in order to give the students an interesting and varied work week as possible. Their efforts are sincerely appreciated.

The Department sincerely appreciates the professional advice and services given by certain Ophthalmologists and Otorhinolaryngologists 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 Divisions for their loyalty and cooperation. The excellent "esprit de corps" that exists amongst the staff is in every way responsible for the great volume of work accomplished during the year.

Respectfully submitted,

LESLIE C. ALAN, M.B., Ch.B., D.F.R.,
ASSISTANT MEDICAL OFFICER OF HEALTH.

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

Dear Sir:

The following is a report of the Pre-School and School Dental Services Division for the year 1957.

The policy of the School Dental Clinic remained basically the same, offering dental inspection to Grades I and II.

The two Dental Hygienists, Miss McEwen and Mrs. Thomas left our employment at the end of July after a very successful year of service. Many difficulties arose, as this was our first experience of this kind, with Hygienists in this particular role. However, most were overcome and a great deal of good work of an educational nature with teachers and pupils was accomplished.

Topical Fluoride Application Program:

Cases Completed	1,254
Parent Consultations	1,532

School Education:

Teacher Consultations:

Grade I	182
Grade II	184
Total	366

Classroom Visits	233
Attendance	5,828

Children examined	1,027
-------------------	-------

Community Groups:

Visited	4
Attendance	198

The Public Health Nurses continue to carry the great bulk of the educational load in the way of counselling and education with teachers and pupils as well as counselling and inspection of the pre-school groups in the Health Clinics.

SCHOOL DENTAL CLINIC STATISTICS

Total Fillings	7,323	No. of Teeth Treated	10,310
Permanent	2,648	Permanent	2,728
Deciduous	4,675	Deciduous	7,582
Total Extractions	2,962	Completed Cases	2,100
Permanent	83	Appointments made	4,964
Deciduous	2,879	Appointments kept	4,425
Bases	2,965	Appointments not kept	539
Prophylaxis	25	Emergencies	68
X-rayed	35		

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

Dear Sir:

The following is a report of the Pre-School and School Dental Services Division for the year 1937.

The policy of the School Dental Clinic remained basically the same, offering dental inspection to Grades I and II.

The two Dental Hygienists, Miss Holman and Mrs. Thomas left our employment at the end of July after a very successful year of service. Many difficulties arose, as this was our first experience of this kind, with hygienists in this particular role. However, most were overcome and a great deal of good work of an educational nature with teachers and pupils was accomplished.

Topical Fluoride, Enriched Foodstuffs

1,324	Cases Completed
1,322	Patient Consultations

School Hygiene

181	Teacher Consultations
184	Grade I
365	Grade II
	Total

113	Classroom Visits
2,812	Attendance

1,037	Children examined
-------	-------------------

Community Groups

4	Visited
128	Attendance

The Public Health Nurses continue to carry the great bulk of the educational load in the way of counselling and education with teachers and pupils as well as counselling and inspection of the pre-school groups in the Health Clinics.

SCHOOL DENTAL CLINIC STATISTICS

10,310	Total Fillings	7,313	No. of Teeth Treated
2,868	Permanent		Permanent
4,072	Deciduous		Deciduous
2,562	Total Extractions	2,562	Completed Cases
82	Permanent		Appointments made
2,879	Deciduous		Appointments kept
2,862	Basal	2,862	Appointments not kept
22	Provisional		

YEARLY COMPARISONS:

	<u>-1955</u>	<u>1956</u>	<u>1957</u>
Total Fillings	6,022	7,927	7,323
Total Extractions	1,534	2,687	2,962
Number of teeth treated	6,802	10,552	10,310
Completed Cases	1,166	1,898	2,100
Lost chair time (Cancellations)	-	388 hrs.	270 hrs.

The figures for 1957 are excellent when it is remembered that we were shortstaffed by one Dentist for the last six months of the year as compared to 1956.

PRE-SCHOOL DENTAL CLINIC STATISTICS

<u>Total Fillings</u>	4,876	No. of teeth treated	5,717
permanent	48	Completed Cases	1,292
deciduous	4,828		
		Appointments kept	3,435
<u>Total Extractions</u>	847	Appointments not kept	420
permanent	1		
deciduous	846	Emergencies	143
Miscellaneous	975	Space maintainers	52

Dr. Shea has done an excellent job in the pre-school clinic, a position that is difficult at the best of times.

Space maintainer construction has been continued on a demonstration basis, with the hope that both parents and dental practitioners will recognize their value and that more will be constructed throughout the City as a result. The type of maintainer has been changed from our original efforts. A simpler and less time-consuming type is being used and appears to be giving excellent service.

Much time was still lost by missed appointments although the position is better than last year. 574 hours of chair time were lost in 1956 as compared to 490 in 1957. It is hoped that the decidedly unfavourable situation can be improved in 1958.

Again the physical conditions surrounding the service contributes to the difficulty of our operations. Some changes in equipment were made, other changes remain to be effected. It is noted that thin walls and open cubicles permit a fussy child to initiate a chain reaction amongst other children undergoing treatment as well as disturbing operations in adjoining cubicles and worrying parents in the waiting room. I hope that this condition will not be present in any new Clinic or Clinics that may be constructed.

The parents do not realize what a worthwhile service they are receiving free of charge through the Dental Clinic. The saving in money to the individual family is considerable. Perhaps, if a way could be found to impress this fact upon the parents, fewer appointments would be missed.

YEARLY COMPARISONS:

	1932	1933	1934
Total Fillings	6,022	7,927	7,323
Total Extractions	1,234	2,687	1,802
Number of teeth treated	8,802	10,521	10,310
Completed Cases	1,168	1,892	2,100
Lost chair time (Concussions)	-	365 hrs.	270 hrs.

The figures for 1934 are excellent when it is remembered that we were assisted by one dentist for the last six months of the year as compared to 1933.

PRE-SCHOOL DENTAL CLINIC STATISTICS

Total Fillings	4,875	No. of teeth treated	5,717
Extractions	46	Completed Cases	1,722
Total Extractions	847	Appointments kept	2,425
Extractions	1	Appointments not kept	420
Miscellaneous	866	Emergency	141
	875	Space maintainers	21

Dr. Shen has done an excellent job in the pre-school clinic, a position that is difficult at the best of times.

Space maintainer construction has been continued on a basis of station basis, with the hope that both patient and dental practitioners will recognize their value and that more will be constructed throughout the City as a result. The type of maintainer has been changed from our original efforts. A simpler and less time-consuming type is being used and appears to be giving excellent service.

Much time was still lost by missed appointments although the position is better than last year. 516 hours of chair time were lost in 1933 as compared to 490 in 1932. It is hoped that the decidedly unfavorable situation can be improved in 1934.

Again the physical conditions surrounding the service contribute to the difficulty of our operation. Some changes in equipment were made, other changes remain to be effected. It is noted that this well and open cubicles permit a busy child to initiate a chair reaction amongst other children undergoing treatment as well as discussing operations in adjoining cubicles and worrying parents in the waiting room. I hope that this condition will not be present in any new Clinic or Clinics that may be constructed.

The parents do not realize what a worthwhile service they are receiving free of charge through the Dental Clinic. The saving in money to the individual family is considerable. Perhaps, if a way could be found to inform this fact more to the parents, more children would be

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

37.

The Dental Division wishes to thank all members of the Department Staff who contributed to the progress of the Dental Division and wishes to express thanks to you, Sir, for your own guidance and counsel.

Respectfully submitted,

J. DUNCAN, D.D.S., D.D.P.H.,
 Director of Dental Services,
 City of Calgary.

Number of Clinic Sessions 42 (144 in attendance)
 Number of persons visiting office 1,130
 Number of home visits 1,130
 Number of restorative work 1,130
 Number of orthodontic work 1,130
 Number of tuberculin tests 7,449 (Mantoux)
 Number of positive reactions 512

Tuberculin Tests outside of the office (7,449) included:

- | | | |
|---|----------------|-----|
| (1) Staff contacts, 10 places of business | 186-Positive | |
| | reactors | 62 |
| (2) Grade I students | 1,627-Positive | |
| | reactors | 434 |
| (3) Children and Staff, South Home | 71-Positive | |
| | reactors | 5 |
| (4) Working class - (before & after BCG) | 564-Positive | |
| | reactors | 218 |
| (5) Contacts of home | 17-Positive | |
| | reactors | 0 |

Clinics have been continued with the efficient assistance of the Section.

Home visits are made to all new admissions and formerly ill discharged patients, and supervision of the home is maintained during the patients stay in hospital. The teaching in the home can help the patient to accept treatment for tuberculosis and accept the responsibility for the protection of others from infection.

The nurse assists with case finding by the checking of contacts. Follow up visits are also made to those under care for periodic strength of the office.

Help is available for those with tuberculosis during the implementation of a long term illness, with the need for referral, and working closely with the Welfare Department, and other social agencies. Assistance is given to help the patient and assist in the treatment of the disease.

The health of each family member must be maintained to build resistance to disease and our case families are helped with the provision of milk and cod liver oil. There are now 25 families receiving from one to two pounds of milk daily. Thirty-one bottles of cod liver oil were distributed along with 10 bottles of Vitamin D (1,000 units). Special families including 12 agencies were visited in the

The Dental Division wishes to thank all members of the
Department Staff who contributed to the progress of the Dental Division
and wishes to express thanks to you, Sir, for your own guidance and
counsel.

Respectfully submitted,

J. DUNCAN, D.D.S., D.D.P.H.,
Director of Dental Services,
City of Calgary.

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

Dear Sir:

The following is a report on the activities of the Kinsmen Nurse, for the year ending February 28th, 1958. This nursing service is carried out from the Chest Clinic at the City Hall and is financed by the sale of Christmas Seals.

Number of Clinic Sessions	40 (144 in attendance)
Number of persons visiting office	1,350
Number of home visits	1,005 (58 by Miss Frank of the City Health Dept.)
Number of cooperative & other calls	210
Number of streptomycin injections	400
Number of Tuberculin Tests n	2,957 (Mantoux)
Number of Positive reactors	512

Tuberculin Tests outside of the office (2,449) included:

(1) Staff contacts, 10 places of business	166-Positive reactors	62
(2) Grade X students	1,627-Positive reactors	134
(3) Children and Staff, Booth Home	75-Positive reactors	5
(4) Nursing Aides - (before & after BCG)	564-Positive reactors	210
(5) Contacts at home	17-Positive reactors	0

Classes have been continued with the affiliate students at the Sanatorium.

Home visits are made to all new admissions and recently discharged patients, and supervision of the home is maintained during the patients stay in Sanatorium. The teaching in the home can help the patient to accept treatment for themselves and accept the responsibility for the protection of others from infection.

The nurse assists with case finding by the checking of contacts. Follow up visits are also made to those overdue for periodic attendance at the clinic.

Help is necessary for those left at home, towards facing the implications of a long term illness, with the need for referral, and working closely with the Welfare Department, and other social agencies. Situations arising at home may worry the patient and retard treatment or have them leave San against advice.

The health of each family member must be maintained to build resistance to disease and our needy families were helped with the provision of milk and cod liver oil. There are now 23 families receiving from one to two quarts of milk daily. Thirty-six bottles of cod liver oil were distributed along with 10 bottles of Vitamins (2,000 caps). Seven families totalling 33 contacts were driven to the

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

Dear Sir:

The following is a report on the activities of the Nurses for the year ending February 28th, 1938. This nursing service is carried out from the Chest Clinic at the City Hall and is financed by the sale of Christmas Seals.

Number of Clinic Sessions	43 (144 in attendance)
Number of persons visiting office	1,350
Number of home visits	1,005 (52 by Miss Frank of the City Health Dept.)
Number of cooperative & other calls	210
Number of streptomycin injections	400
Number of Tuberculin Tests	2,927 (Mantoux)
Number of Positive reactors	312

Tuberculin Tests outside of the office (2,449) included:

(1) Staff contacts, in places of business	188-Positive reactors	82
(2) Grade X students	1,827-Positive reactors	134
(3) Children and Staff, Booth Home	72-Positive reactors	2
(4) Nursing Aides - (before & after BCG)	368-Positive reactors	210
(5) Contacts at home	17-Positive reactors	0

Classes have been continued with the efficient students at the Sanatorium.

Home visits are made to all new admissions and recently discharged patients, and supervision of the home is maintained during the patient's stay in Sanatorium. The nursing in the home can help the patient to accept treatment for themselves and accept the responsibility for the protection of others from infection.

The nurses assist with case finding by the checking of contacts. Follow up visits are also made to those overdue for periodic attendance at the clinic.

Help is necessary for those left at home, towards facing the implications of a long term illness, with the need for rest, and working closely with the Welfare Department, and other social agencies. Situations arising at home may worry the patient and retard treatment or have them leave San against advice.

The health of each family member must be maintained to build resistance to disease and our new families were helped with the provision of milk and cod liver oil. There are now 13 families receiving from one to two quarts of milk daily. Thirteen bottles of cod liver oil were distributed along with 10 bottles of Vitamin (2,000 units). Seven families receiving 13 contacts were given to the

Sanatorium for re-examination. Used clothing was provided for six families. Pyjamas were purchased for one admission and a doctor's perscription was purchased for one x-san. Two members of the Calgary Kinsmen Club assisted with the delivery of fourteen Christmas hampers. The Kinettes again provided gifts and candy for 30 children.

The cooperation and guidance that I receive from you and the members of your staff, at all times, is sincerely appreciated.

Yours very truly,

Irene Walton, R.N.

Seven graduate nurses spent two weeks each with us prior to or following their post-graduate courses in public health. In this we can help contribute to the nursing education program in the Province. In addition, student nurses from both the Calgary General and the St. Elizabeth's Hospitals spent a few days with our nurses as part of their training program.

How much service was given to the community by the Calgary Branch of the Victorian Order? We have our maternity program, and in 1957, 322 of the visits made were to mothers and their newborn babies. Very important, too, is our medical and surgical program to provide part-time nursing care to those ill in their own homes. Any member of the community can have a nurse visit for any nursing procedure as ordered by the physician in charge. If possible, the patient pays for the service, perhaps only 25¢ for a visit, or perhaps the full fee of \$1.50. \$1.50 was the fee set in 1957 as the annual computation of charges showed that \$1.50 was what it cost us to make a visit. But many cannot afford to pay this amount, so that our Community Chest and Civic grants are indispensable.

This care to all, regardless of race, color, creed or financial status, has been the policy of the Victorian Order of Nurses for Canada since its establishment in 1907.

I was privileged to attend the Annual Meeting of the Order in May, 1958, held in Ottawa and here great tribute was paid to Lady Aberdeen and her tremendous zeal and energy in helping to establish the Victorian Order for all Canadians in all walks of life under the guidance of our national office in Ottawa. From our National Office our regional director, Miss Holman, visited us regularly offering advice and direction in the carrying out of our duties.

One-third of the population in Canada is served by the Victorian Order. In Calgary, of the 200,000 people who can call on the local branch, 142 or 2,340 persons received care or instruction. And we feel it would be reasonably accurate to say that 10% of them would have required hospitalization had our service not been available.

After hours, Sturt's Suburbs take our calls and we are grateful to them for this service. While the nurse on night call goes out for emergencies only, 112 calls are made between 5:00 p.m. and 8:00 a.m.

Seminarium for re-examination. Used clothing was provided for six families. Pyjamas were purchased for one adolescent and a doctor's prescription was purchased for one man. Two members of the League of Women Voters assisted with the delivery of fourteen Christmas packages. The children again provided gifts and candy for 30 children.

The cooperation and guidance that I receive from you and the members of your staff, at all times, is sincerely appreciated.

Yours very truly,

Irma Wilson, R.N.

VICTORIAN ORDER OF NURSES
CALGARY BRANCH

It is my privilege to present the report of the Nursing Service of the Calgary Branch for the year 1957.

1957 was the Diamond Jubilee Year for the Victorian Order of Nurses for Canada and much publicity has been given to the Order, its history, its activities and its growth.

In Calgary for the first eleven months of 1957 seven nurses carried out the nursing program, but in December the mounting pressure of work necessitated the hiring of an eighth nurse. We are most fortunate in that all our staff nurses have special post-graduate or university training in public health which brings a high level of nursing proficiency to the citizens of Calgary. To the staff nurses, and our relief nurse, I wish to express my personal thanks for the cheerful efficiency with which they carry out their duties.

Seven graduate nurses spent two weeks each with us prior to or following their post-graduate course in public health. In this we can help contribute to the nursing education program in the Province. In addition, student nurses from both the Calgary General and the Holy Cross Hospitals spent a few days with our nurses as part of their training program.

Now what service was given to the community by the Calgary Branch of the Victorian Order? We have our maternity program, and in 1957, 32% of the visits made were to mothers and their newborn babies. Very important, too, is our medical and surgical program to provide part-time nursing care to those ill in their own homes. Any member of the community can have a nurse visit for any nursing procedure as ordered by the physician in charge. If possible, the patient pays for the service, perhaps only 25¢ for a visit, or perhaps the full fee of \$2.50. \$2.50 was the fee set in 1957 as the annual computation of charges showed that \$2.48 was what it cost us to make a visit. But many cannot afford to pay this amount, so that our Community Chest and Civic grants are indispensable.

This care to all, regardless of race, color, creed or financial status, has been the policy of the Victorian Order of Nurses for Canada since its establishment in 1897.

I was privileged to attend the Annual Meeting of the Order in May, 1957, held in Ottawa and here great tribute was paid to Lady Aberdeen and her tremendous zeal and energy in helping to establish the Victorian Order for all Canadians in all walks of life under the guidance of our national office in Ottawa. From our National Office our regional director, Miss McClan, visited us regularly offering advice and direction in the carrying out of our duties.

One-third of the population in Canada is served by the Victorian Order. In Calgary, of the 200,000 people who can call on the local branch, 1½% or 2,360 persons received care or instruction. And we feel it would be reasonably accurate to say that 10% of these would have required hospitalization had our service not been available.

After hours, Starr's Ambulance takes our calls and we are grateful to them for this service. While the nurse on night call goes out for emergencies only, 135 calls were made between 5:00 p.m. and 8:00 a.m.

VICTORIAN ORDER OF NURSES
CALGARY BRANCH

It is my privilege to present the report of the Nursing Service of the Calgary Branch for the year 1957.

1957 was the Diamond Jubilee Year for the Victorian Order of Nurses for Canada and much publicity has been given to the Order, its history, its activities and its growth.

In Calgary for the first eleven months of 1957 seven nurses carried out the nursing program, but in December the mounting pressure of work necessitated the hiring of an eighth nurse. We are most fortunate in that all our staff nurses have special post-graduate or university training in public health which brings a high level of nursing proficiency to the citizens of Calgary. To the staff nurses, and our retail nurse, I wish to express my personal thanks for the cheerful efficiency with which they carry out their duties.

Seven graduate nurses spent two weeks each with us prior to or following their post-graduate course in public health. In this we can help contribute to the nursing education program in the Province. In addition, student nurses from both the Calgary General and the Holy Cross Hospitals spent a few days with our nurses as part of their training program.

Now what service was given to the community by the Calgary Branch of the Victorian Order? We have our maternity program, and in 1957, 25% of the visits made were to women and their newborn babies. Very important, too, is our medical and surgical program to provide post-natal nursing care to those ill in their own homes. Any member of the community can have a nurse visit for any nursing procedure as ordered by the physician in charge. If possible, the patient pays for the service, perhaps only 25¢ for a visit, or perhaps the full fee of \$1.50. \$1.50 was the fee set in 1957 as the annual computation of charges showed that \$2.48 was what it cost us to make a visit, but many cannot afford to pay this amount, so that our Community Chest and Civic grants are indispensable.

This care to all, regardless of race, color, creed or financial status, has been the policy of the Victorian Order of Nurses for Canada since its establishment in 1897.

I was privileged to attend the Annual Meeting of the Order in May, 1957, held in Ottawa and here great tribute was paid to Lady Aberdeen and her tremendous zeal and energy in helping to establish the Victorian Order for all Canadians in all walks of life under the guidance of our National Office in Ottawa. From our National Office our regional director, Miss McLean, visited us regularly offering advice and direction in the carrying out of our duties.

One-third of the population in Canada is served by the Victorian Order. In Calgary, of the 300,000 people who can call on the local branch, 15% or 2,360 persons received care or instruction. And we feel it would be reasonably accurate to say that 10% of these would have required hospitalization had our services not been available.

After hours, St. Mary's Ambulance takes our calls and we are grateful to them for this service. While the nurse on night call goes out for emergencies only, 15% calls were made between 7:00 p.m. and 8:00 a.m.

Without our branch-owned cars it would be nearly impossible for our nurses to carry out their work, and our six automobiles travelled many miles carrying the nurses on their daily rounds.

In her day's work, the nurse meets many types of illness and always receives a welcome. The family realizes that here is someone who can help with this problem of illness. It may be a mother expecting a new baby. Only 26 visits of this type were made, as most of this instruction was given at our prenatal classes, with a total attendance of 945 at the 61 sessions.

In Calgary the home delivery of the baby rarely happens but many new parents call for the nurse when the mother and baby come home from the hospital. 4,596 calls were made during the past year for this purpose, either to help bathe the baby or to teach about his care. This health instruction is important -- it not only allays the parents' fears and worries, but helps establish a routine for healthier and happier living.

Important, too, and very important, is our bedside nursing program which is done under the doctor's direction. This is a field of nursing where skilled care and teaching is essential. Whatever care is given, a bedbath, an injection, a dressing or some other type of treatment, the nurse is conscious that her job includes ascertaining the needs of the patient, not only his physical needs but his needs as a member of the family and a member of the community.

We meet patients of all ages. Results of accidents are the main causes of hospitalization for children and many can be discharged from hospital for care at home where they are more contented. When ill-ness strikes older people, many can be cared for at home where they enter into family life.

Much is heard about rehabilitation, for statistics tell us that it is the chronic crippling illnesses with which we have to contend, and this is shown in our overall picture here. A case such as shown is an everyday occurrence in the life of the V.O.N. A staff conference was held in November at our National Office in Ottawa on Rehabilitation, and I had the privilege of representing the Calgary Branch. Here we heard about the whole field of rehabilitation, what was being done on every level and how the Victorian Order fitted into the general picture.

Now to give you statistics of our medical and surgical visits, there were made to 768 individuals atotal of 9,792 visits.

It gave us great satisfaction to realize that in 1957, the Victorian Order in Calgary made 14,414 visits, a considerable increase over last year. We think many patients were happy to be home with their families even though ill; we know we spared many hospital beds for those critically ill, and we hope that 1958 bring us even greater opportunities for serving the citizens of Calgary in health and sickness.

Respectfully submitted,

(Miss) Isabel Simister,
District Director.

Without our branch-based care it would be nearly impossible for our nurses to carry out their work, and our six automobiles travelled many miles carrying the nurses on their daily rounds.

In her day's work, the nurse meets many types of illness and always receives a welcome. The family realizes that here is someone who can help with this problem of illness. It may be a mother expecting a new baby. Only 25 visits of this type were made, as most of this instruction was given at our prenatal classes, with a total attendance of 922 at the 61 sessions.

In Calgary the home delivery of the baby rarely happens but many new parents call for the nurse when the mother and baby come home from the hospital. A 1935 call was made during the past year for this purpose, either to help with the baby or to teach about his care. This health instruction is important. It not only helps the parents' fears and worries, but helps establish a routine for health and happier living.

Important, too, and very important, is our bedside nursing program which is done under the doctor's direction. This is a kind of nursing where skilled care and teaching is essential. Whatever care is given, a bedside nurse, a dressing or another type of treatment, the nurse is conscious that her job includes instructing the needs of the patient, not only his physical needs but his needs as a member of the family and a member of the community.

We treat patients of all ages. Results of accidents are the main causes of hospitalization for children and many can be discharged from hospital for care at home where they are more comfortable. When ill-nurses strike older people, many can be cared for at home where they enter into family life.

Much is heard about rehabilitation, for statistics tell us that it is the chronic crippling illnesses with which we have to contend, and this is shown in our overall picture here. A case such as shown in an everyday occurrence in the life of the V.O.R. A small conference was held in November at our National Office in Ottawa on Rehabilitation, and I had the privilege of representing the Calgary Branch. Here we heard about the whole field of rehabilitation, what was being done on every level and how the Victorian Order fitted into the general picture.

Now to give you statistics of our medical and surgical visits, there were made to 788 individuals a total of 2,732 visits.

It gave us great satisfaction to realize that in 1935, the Victorian Order in Calgary made 14,416 visits, a considerable increase over last year. We think many patients were happy to be home with their families even though ill; we know we spared many hospital beds for those critically ill, and we hope that 1936 bring us even greater opportunities for serving the sick and needy in health and sickness.

Respectfully submitted,

(Miss) Isabel Stinson,
District Director.

FINANCIAL STATEMENT

	<u>1957</u>	<u>1956</u>
<u>HEALTH DEPARTMENT (General)</u>		
Salaries	\$103,818.90	\$89,846.72
Mechanical Accounting - Payroll Charges	498.38	473.12
Serums	270.79	142.60
Disinfectants	240.60	156.91
Laboratory Supplies and Equipment	1,049.65	2,939.82
Auto Maintenance and Allowances	9,051.90	7,953.68
Sundries	1,664.13	1,469.13
Printing and Stationery	2,248.67	1,650.71
Postage	601.34	544.62
Transit System Passes and Tickets	946.50	850.00
Milk Inspection	635.17	1,210.20
Milk to Undernourished and Sickly (including school children)	3,578.64	2,184.36
Meat Inspection	72.67	60.93
Office Equipment	344.45	350.00
Revolving Fund - annual payments for automobiles	783.54	783.54
Fly and Insect Control (Spraying)	3,686.02	6,338.52
Insurance	51.26	273.29
Bacteriological Equipment - Laboratory	3,732.10	--
Enlargement of Laboratory	1,294.87	--
Storeroom and Shelves	--	759.40
X-ray room for Chest Clinic	200.00	--
	<u>\$134,769.58</u>	<u>\$117,987.55</u>
<u>SCHOOL MEDICAL AND DENTAL SERVICES</u>		
Salaries	\$158,491.53	\$141,559.73
Mechanical Accounting - payroll charges	738.98	642.13
Medical Supplies (\$3,236.55 less credits)	373.59	3,421.27
Dental Clinic Supplies (\$4,286.85 less credits)	560.85	3,970.49
Glasses for Underprivileged Children	242.35	267.06
Milk for Undernourished School Children (\$877.18 included General)	--	2,240.00
Transit System Passes and Tickets	2,741.00	2,168.00
Auto Maintenance and Allowances	4,518.60	4,038.35
Printing and Stationery	2,565.06	2,080.35
Revolving Fund - annual payments for automobiles	391.77	391.77
New Equipment	379.97	137.20
Sundries	80.12	100.90
Modernize Dental Clinic Equipment	2,113.14	--
	<u>\$173,196.96</u>	<u>\$161,017.25</u>
<u>INFANT AND PRE-SCHOOL CLINICS</u>		
Salaries	\$14,915.84	\$13,525.60
Transit System Passes and Tickets	334.50	192.00
Sundries	443.88	203.59
Auto Maintenance and Allowances	1,269.50	1,311.11
Rent - North Hill Clinic and Renfrew Clinic	325.00	275.00
	<u>\$17,288.72</u>	<u>\$15,507.30</u>

FINANCIAL STATEMENT

HEALTH DEPARTMENT (General)

Salaries	\$103,817.90	\$88,846.72
Mechanical Accounting - Payroll Charges	187.38	173.12
Supplies	170.70	143.30
Disinfectants	107.80	128.81
Laboratory Supplies and Equipment	1,010.88	2,039.82
Auto Maintenance and Allowances	2,021.90	1,922.48
Sundries	1,008.19	1,449.17
Printing and Stationery	2,048.47	1,030.71
Postage	601.34	544.52
Transit System Fares and Tickets	128.50	830.00
Milk Inspection	633.17	1,110.10
Milk for Undernourished and Sickly (including school children)	2,378.08	2,188.38
Ment Inspection	72.87	60.13
Office Equipment	344.42	330.00
Revolving Fund - annual payments for automobiles	782.54	789.54
Fly and Insect Control (Spraying)	3,448.02	6,338.11
Laboratory	21.28	37.28
Bacteriological Equipment - Laboratory	2,732.10	--
Enlargement of Laboratory	1,194.57	--
Stencils and Shelves	--	130.40
X-ray room for Chest Clinic	200.00	--
	\$136,760.92	\$117,987.22

SCHOOL MEDICAL AND DENTAL SERVICES

Salaries	\$126,481.57	\$141,529.73
Mechanical Accounting - payroll charges	779.80	642.12
Medical Supplies (\$2,328.12 less credits)	373.39	2,421.27
Dental Clinic Supplies (\$4,130.02 less credits)	560.02	2,970.49
Glasses for Underprivileged Children	242.32	202.06
Milk for Undernourished School Children (\$877.12 included)	--	1,340.00
General	2,741.00	2,158.00
Transit System Fares and Tickets	4,210.80	4,039.32
Auto Maintenance and Allowances	2,568.08	2,080.32
Printing and Stationery	391.77	391.77
Revolving Fund - annual payments for automobiles	375.07	137.20
New Equipment	60.12	100.90
Sundries	2,112.14	--
Medicine Dental Clinic Equipment	\$172,196.66	\$161,617.22

INFANT AND PRE-SCHOOL CLINIC

Salaries	\$14,912.84	\$12,522.60
Transit System Fares and Tickets	324.50	192.00
Sundries	443.88	203.39
Auto Maintenance and Allowances	1,262.30	1,311.11
Rent - North Hill Clinic and Backus Clinic	322.00	275.00
	\$17,265.52	\$15,507.30

	<u>1957</u>	<u>1956</u>
<u>SCARBORO HEALTH UNIT</u>		
Gas, Light, Water and Telephone	\$332.57	\$340.72
Caretaker	625.00	623.33
Supplies, Repairs and Laundry	446.32	257.35
Rental of Hall for Friday Clinics	140.00	120.00
	<u>\$1,543.89</u>	<u>\$1,341.40</u>

SUMMARY

Health Department - General	\$134,769.58	\$117,987.55
School Medical and Dental Clinics	173,196.96	161,017.25
Infant and Pre-School Clinics	17,288.72	15,507.30
Scarboro Health Unit	1,543.89	1,341.40
	<u>\$326,799.15</u>	<u>\$295,853.50</u>

	<u>1957</u>	<u>1956</u>
Population	192,577	180,092
Per capita expenditure - not including Grants	\$1.70	\$1.64
RECEIPTS from Federal and Provincial Grants	\$72,038.86	\$64,321.99

EXPENDITURE FOR PAST FIVE YEARS

	<u>1957</u>	<u>1956</u>	<u>1955</u>	<u>1954</u>	<u>1953</u>
Total	\$326,799.15	\$295,853.50	\$274,445.89	\$259,253.43	\$205,228.57
Per Capita	1.70	1.64	1.75	1.65	1.51

SCARBORO HEALTH UNIT

Gas, Light, Water and Telephone
Caretaker
Supplies, Repairs and Laundry
Rental of Hall for Friday Clinics

1937	1936
\$232,792.12	\$232,792.12
623.00	623.00
645.75	645.75
100.00	100.00
\$1,241.40	\$1,241.40

SUMMARY

Health Department - General
School Medical and Dental Clinics
Infant and Pre-School Clinics
Scarboro Health Unit

1937	1936
\$135,769.28	\$135,769.28
173,196.94	173,196.94
17,338.73	17,338.73
1,343.82	1,343.82
\$236,799.12	\$236,799.12

RECEIPTS from Federal and Provincial Grants
Per Capita expenditure - not including Grants
Population

1937	1936
\$71,028.00	\$71,028.00
\$1.70	\$1.64
197,517	197,517

EXPENDITURE FOR LAST FIVE YEARS

1937	1936	1935	1934	1933
\$236,792.12	\$236,792.12	\$236,792.12	\$236,792.12	\$236,792.12
1.70	1.64	1.64	1.64	1.64



