

## **Annual report of the Medical Health Officer / City of Winnipeg.**

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CITY OF WINNIPEG  
HEALTH DEPARTMENT



ANNUAL REPORT  
of the  
MEDICAL HEALTH OFFICER

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YEAR 1957  
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R. G. Cadham, M.D., D.P.H.

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CITY HEALTH DEPARTMENT

Winnipeg, 1958.

Chairman and Members,  
Committee on Public Health and Welfare.

Madam and Gentlemen:

I have the honour to present the annual report of the Health Department for the year 1957. During the year a number of changes in personnel occurred. Dr. M.S. Lougheed, Medical Health Officer since 1939, retired on pension on February 28, 1957 and Dr. R.G. Cadham was appointed Medical Health Officer. Dr. J.B. Morison, Assistant Medical Officer was appointed Deputy Medical Health Officer on March 1, 1957. Dr. C.H. McCormick was appointed full-time Director of Child Dental Services on August 16, 1957, a position which was formerly on a part-time basis and had been vacant for some time. Dr. W. Turnbull, part-time District Physician, retired on April 30, 1957 after some forty-five years service with the Department. We regret to record that Dr. Turnbull died in September only a few months after his retirement.

In the fall of 1956 a by-law to regulate the operations of Welfare Institutions was passed by City Council. The effect of these new regulations became apparent in 1957 when great improvement occurred in the way of staff and facilities in Nursing Homes.



CITY HEALTH DEPARTMENT

London, 1958.

Chairman and members,  
Committee on Public Health and Welfare.

Ladies and Gentlemen:

I have the honour to present the annual report of the Health Department for the year 1957. During the year a number of changes in personnel occurred. Dr. M. H. Woodhead, Medical Health Officer since 1952, retired on pension on February 28, 1957 and Dr. R. G. Graham was appointed Medical Health Officer. Dr. T. H. Morrison, Assistant Medical Officer was appointed Deputy Medical Health Officer on March 1, 1957. Dr. J. H. Morrison was appointed full-time Director of Child Dental Services on August 16, 1957, a position which was formerly on a part-time basis and had been vacant for some time. Dr. W. Turnbull, who retired on April 30, 1957 after some forty-five years service with the Department, has retired to spend time in September only a few weeks after his retirement.

In the fall of 1958 a by-law to regulate the operations of Welfare Institutions. The effect of these new regulations was to require that all such institutions should be licensed by the Council.

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Diphtheria, Tetanus and Smallpox Vaccines were given to all school pupils up to Grade VIII who had not been previously immunized. The Salk Vaccine program was completed for all school pupils up to Grade XII and continues to be given in the Child Health Centres to infants, pre-school children and expectant mothers.

The registry for handicapped children was expanded and now includes facilities for a thorough study of children with obscure cardiac murmurs, epilepsy, hearing loss, diabetes or severe visual defect. The results of the investigation of the latter resulted in twenty-three children being recommended for a special vision class.

On the following pages are recorded in detail the activities of the Health Department for the year 1957.

Respectfully submitted,

*R. S. Cadman*

Medical Health Officer.

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The registry for handicapped children was expanded and now includes facilities for a thorough study of children with obscure cardiac murmurs, epilepsy, hearing loss, diabetes or severe visual defects. The results of the investigation of the latter resulted in twenty-three children being recommended for a special vision class.

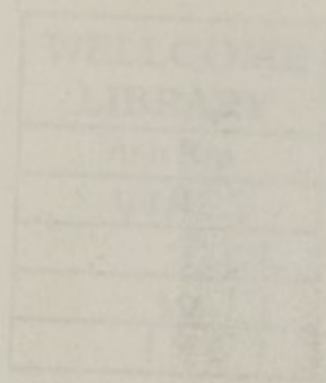
On the following pages are recorded in detail

the activities of the Health Department for the year 1954.

Respectfully submitted,

*R. P. ...*

Medical Health Officer.





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COMMITTEE ON HEALTH

- Alderman Lillian Hallonquist, Chairman
- Alderman Maude J. McCreery
- Alderman J. Cowan
- Alderman D. Orlikow
- Alderman J. Penner
- Alderman G. R. Fines
- His Worship Mayor Juba (ex-officio)

STAFF

- Medical Health Officer . . . . . R. G. Cadham, M.D.,D.P.H.
- Deputy Medical Health Officer . . . . . J. B. Morison, M.D.
- Consultant, Child Care Services . . . . . H. Medovy, M.D.
- Oculist . . . . . J. McGillivray, M.D.
- Medical Supervisor in Nursing Homes . . . . . G. McInnis, M.D.
- Medical Supervisor in Nursing Homes . . . . . A. Campbell, M.D.
- Director - Child Dental Services . . . . . C. H. McCormick, D.D.S.,  
D.D.P.H.
- Director, Public Health Nursing . . . . . Miss L. MacKenzie, R.N.,  
M.A.,P.D.
- Chief Health Inspector . . . . . E. J. Rigby, D.V.M.

Land 24.37 square miles (15,332 acres), and water .73 square miles (465 acres). The density of the population is 16.0 persons per acre of land.

For statistical purposes the population for 1957 is 254,512, as determined by the Department of Census and Statistics. This figure shows an increase of 102 over the 1956 figure of 254,410. However, the natural increase in 1957 (live births less deaths) shows an increase of 3,116.



COMMITTEE ON HEALTH

His Worship Mayor (ex-officio)  
Alderman G. H. Wilson  
Alderman J. Parnham  
Alderman D. Grimshaw  
Alderman E. Cowan  
Alderman George F. McGreevy  
Alderman William H. Thompson

STAFF

Medical Health Officer : : : : : H. P. Gibson, M.D., D.P.H.  
Deputy Medical Health Officer : : : : : J. B. Morrison, M.D.  
Consultant, Child Case Services : : : : : H. Medovy, M.D.  
Councillor : : : : : J. H. Morrison, M.D.  
Medical Supervisor in Nursing Homes : : : : : G. McInnes, M.D.  
Medical Supervisor in Nursing Homes : : : : : A. Campbell, M.D.  
Inspector - Child Dental Services : : : : : G. H. Morrison, F.D.S.,  
D.S.P.D.  
Director, Public Health Bureau : : : : : Miss L. MacKenzie, R.N.,  
M.A., F.C.  
Chief Health Inspector : : : : : H. J. Nixon, D.V.M.

(Including Non-Residents)

History

From a Hudson's Bay Company trading post (Fort Garry) in 1870, with a population of 215, Winnipeg has grown to the size and finish of a first-class city of approximately 255,000 people. When the City was incorporated in 1873 there was a population of 1,869.

The present Health Department may be said to date from 1900 when the late Dr. A. J. Douglas was appointed the first full time Health Officer.

From 1881 to 1900 Winnipeg had a series of part time Medical Health Officers.

In 1941 amalgamation with the School Medical Services occurred and the services increase and extended to all child caring institutions in the City without distinction. This applies to Medical, Dental and Nursin Services.

The Child Health Services Board was set up to help the Department in a consultative manner, meetings being held at the call of the Chairman. This Board was replaced in 1955 by a monthly meeting of the administrative Officers of the School Board and the Health Department.

The Department has now several Branches to carry out the provisions of the Public Health Act of Manitoba, the Health By-law of the City and a number of other City By-laws.

Area and Population

The City covers a total area of 25 square miles ---- land 24.27 square miles (15,535 acres), and water .73 square miles (465 acres). The density of the population is 16.0 persons per acre of land.

For statistical purposes the population for 1957 is 254,612, as determined by the Assessment Commissioner. This figure shows an increase of 582 over the 1956 figure of 254,030. However, the natural increase in 1957 (live births less deaths) shows an increase of 3,516.

Total 86 82

Rate per 1,000 Live Births 14.8 13.9

Puerperal Deaths 2 1

Rate per 1,000 Live Births .3 .2

(Population December 31, 1957 - 254,612)

## History

From a Hudson's Bay Company trading post (Fort Garry) in 1870, with a population of 215, Winnipeg has grown to the size and finish of a first-class city of approximately 250,000 people. When the City was incorporated in 1873 there was a population of 1,869.

The present Health Department may be said to date from 1900 when the late Dr. A. J. Douglas was appointed the first full time Health Officer.

From 1881 to 1900 Winnipeg had a series of part time Medical Health Officers.

In 1901 amalgamation with the School Medical Services occurred and the services increased and extended to all child care institutions in the City without distinction. This applies to Medical, Dental and X-ray Services.

The Child Health Services Board was set up to help the Department in a co-operative manner, meetings being held at the call of the Chairman. This Board was replaced in 1935 by a monthly meeting of the Administrative Officers of the School Board and the Health Department.

The Department has now several branches to carry out the provisions of the Public Health Act of Manitoba, the Health By-law of the City and a number of other City By-laws.

## Area and Population

The City covers a total area of 25 square miles and 24.27 square miles (15,225 acres), and water 1.73 square miles (465 acres). The density of the population is 10.0 persons per acre of land.

For statistical purposes the population for 1957 is 254,612, as determined by the Assessment Commissioner. This figure shows an increase of 585 over the 1956 figure of 254,027. However, the natural increase in 1957 (five births less deaths) shows an increase of 5,710.



Vital Statistics As Registered in Winnipeg, 1957

(Including Non-Residents)

	<u>1957</u>	<u>1956</u>
Live Births . . . . .	8,829	8,747
Deaths . . . . .	2,871	2,634
Infant Deaths . . . . .	246	216
Stillbirths . . . . .	134	117
Puerperal Deaths . . . . .	2	1

Summary of Vital Statistics, Residents, 1957

	<u>1957</u>	<u>1956</u>
<u>Live Births</u>		
Male	3,099	3,025
Female	2,967	2,883
Total	6,067/	5,908
Rate per 1,000 Population	25.8	23.3
<u>Deaths</u>		
Male	1,502	1,467
Female	1,048	971
Total	2,551/	2,438
Rate per 1,000 Population	10.0	9.6
Natural Increase	3,516	3,470
<u>Infant Deaths (-1 yr.)</u>		
Male	94	75
Female	85	69
Total	180/	144
Rate per 1,000 Live Births	29.7	24.4
/ - Sex Undetermined - 1		
<u>Stillbirths</u>		
Male	45	47
Female	41	35
Total	86	82
Rate per 1,000 Live Births	14.8	13.9
<u>Puerperal Deaths</u>	2	1
Rate per 1,000 Live Births	.3	.2

(Population December 31, 1957 - 254,612)

Vital Statistics as Registered in Wisconsin, 1937  
(Including Non-Residents)

1936	1937	
8,747	8,829	Live Births . . . . .
2,534	2,871	Deaths . . . . .
216	248	Infant Deaths . . . . .
117	128	Stillbirths . . . . .
1	5	Properly Deaths . . . . .

Summary of Vital Statistics, Wisconsin, 1937

1936	1937		
2,022	2,090	Male	<u>Live Births</u>
2,082	2,267	Female	
2,208	2,087	Total	
23.3	22.6		Rate per 1,000 Population
1,487	1,202	Male	<u>Deaths</u>
971	1,048	Female	
2,458	2,250	Total	
2.6	10.0		Rate per 1,000 Population
2,470	2,218		Natural Increase
72	92	Male	<u>Infant Deaths (-1 yr.)</u>
62	62	Female	
134	154	Total	
24.4	22.7		Rate per 1,000 Live Births
			1 - Sex Undetermined - 1
47	42	Male	<u>Stillbirths</u>
32	41	Female	
82	88	Total	
17.9	14.8		Rate per 1,000 Live Births
1	2		<u>Properly Deaths</u>
2	2		Rate per 1,000 Live Births

(Population December 31, 1937 - 2,246,612)



Live Births, Residents Only

The number of live births occurring to Winnipeg residents during 1957 was 6,067 giving a rate of 23.8 per 1,000 population which is a small increase from the rate of 23.3 recorded in 1956. Of the 6,067 children born there were 3,099 boys and 2,967 girls, and one baby whose sex was not determined, giving a ratio of 1,044 boys to 1,000 girls. First children accounted for 2,164 or 35.7% of the total births, second children 1,770 or 29.2% and third children 1,104 or 18.2%. In 1957, 5,805 or 95.7% included the fifth child and 5,903 or 97.3% were born to mothers between the ages of 15 and 39.

Infant Mortality

There were 180 deaths of infants under one year of age in 1957 giving a rate of 29.7 per 1,000 live births. This is an increase of 21.7% over the constant rate which has prevailed over the last three years of 24.4 per 1,000 live births. 29.7 is equal to the rate recorded in 1955 and has not been higher since 1948. The chief causes of infant deaths were (1956 figures are shown in brackets) Immaturity 38 (27), Postnatal Asphyxia and Atelectasis 29 (16), Injury at Birth 17 (19), Pneumonia, all forms 20 (13). A detailed list of the causes of infant deaths is on pages 13 and 14 of this report.

Neo-Natal Mortality

Deaths of infants in the first four weeks of life numbered 137 which comprised 76.1% of the total infant deaths under one year of age as compared with 71.5% in 1956 and 75.5% in 1955. The neo-natal mortality rate per 1,000 live births was 22.6 which is an increase of 29.9% from the rate of 17.4 recorded in 1956.

Maternal Mortality

There were 2 deaths from conditions pertaining to childbearing giving rate of .3 per 1,000 live births as compared to one death in 1956 with a rate of .2 per 1,000 live births.

Deaths

There were 2,551 deaths of Winnipeg residents recorded in 1957 giving a rate of 10.0 per 1,000 population. The rate for 1956 and 1955 was constant at 9.6 per 1,000 population.

Heart Diseases were again the major cause of death with 922 deaths or 36.1% of all deaths. Cancer was second with 413 deaths or 16.2%. Accidents, Poisonings and Violent Deaths continue to cause over 5% of all deaths.



Live Births, Residents Only

The number of live births occurring to Winnipeg residents during 1957 was 6,067 giving a rate of 27.8 per 1,000 population which is a small increase from the rate of 27.3 recorded in 1956. Of the 6,067 children born there were 3,099 boys and 2,968 girls, and one baby whose sex was not determined, giving a ratio of 1,044 boys to 1,000 girls. These children accounted for 2,164 or 35.7% of the total births, second children 1,779 or 29.3% and third children 1,104 or 18.2%. In 1957, 2,805 or 46.2% included the fifth child and 2,903 or 47.8% were born to mothers between the ages of 15 and 35.

Infant Mortality

There were 180 deaths of infants under one year of age in 1957 giving a rate of 29.7 per 1,000 live births. This is an increase of 21.7% over the consistent rate which has prevailed over the last three years of 24.4 per 1,000 live births. 29.7 is equal to the rate recorded in 1955 and has not been higher since 1948. The total number of infant deaths were (1956 figures are shown in brackets) February 35 (27), Postnatal Asphyxia and Metabolic 22 (16), Injury at Birth 19 (13), Pneumonia, all forms 20 (17). A detailed list of the causes of infant deaths is on pages 13 and 14 of this report.

Neo-Natal Mortality

Deaths of infants in the first two weeks of life numbered 157 which equated 76.1% of the total infant deaths under one year of age as compared with 71.5% in 1956 and 75.5% in 1957. The neo-natal mortality rate per 1,000 live births was 22.6 which is an increase of 29.9% from the rate of 17.4 recorded in 1956.

Infant Mortality

There were 2 deaths from conditions pertaining to children giving a rate of 3 per 1,000 live births as compared to one death in 1956 with a rate of 2 per 1,000 live births.

Deaths

There were 2,251 deaths of Winnipeg residents recorded in 1957 giving a rate of 10.0 per 1,000 population. The rate for 1956 and 1955 was constant at 9.6 per 1,000 population. Heart Disease was a major cause of death with 912 deaths or 40.5% of all deaths. Cancer was second with 413 deaths or 18.3%. Accidents, Poisoning and Violent Deaths combined to cause over 5% of all deaths.

Live Births, Residents Only

Year	Number of Births	Rate per 1,000 Population	Infant Deaths	Rate per 1,000 Live Births
1943	4,294	18.9	197	45.9
1944	4,060	17.7	144	35.5
1945	4,210	18.2	134	31.8
1946	5,223	22.6	184	35.2
1947	5,532	23.6	193	34.7
1948	4,779	20.4	153	32.0
1949	4,968	21.2	137	27.6
1950	5,045	21.1	133	26.4
1951	5,254	21.9	115	21.9
1952	5,417	22.5	131	24.2
1953	5,586	23.0	166	29.7
1954	5,920	24.3	145	24.4
1955	6,016	24.2	147	24.4
1956	5,908	23.3	144	24.4
1957	6,067	23.8	180	29.7

Order of Birth by Age of Mother

	15-19 yrs.	20-24 yrs.	25-29 yrs.	30-34 yrs.	35-39 yrs.	40 & over	Total	% of Total
1st	447	964	489	180	69	16	2,165	35.7
2nd	100	616	585	320	119	30	1,770	29.2
3rd	14	239	361	303	155	32	1,104	18.2
4th		52	142	164	129	25	512	8.5
5th		20	61	94	57	23	255	4.2
6th & over		4	46	88	86	33	257	4.2
Total	561	1,895	1,684	1,149	615	159	76,067	100.0

^ Unknown, included in above total - 4

Live Births, Deaths Only

Year	Number of Births	Rate per 1,000 Population	Infant Deaths	Rate per 1,000 Live Births
1937	4,087	27.8	180	42.8
1938	4,008	27.1	184	45.9
1939	4,016	27.2	147	36.6
1940	4,065	27.5	144	35.4
1941	4,254	28.9	147	34.6
1942	4,417	32.5	145	32.8
1943	4,524	33.0	145	32.0
1944	4,586	33.0	145	31.5
1945	4,586	33.0	145	31.5
1946	4,586	33.0	145	31.5
1947	4,586	33.0	145	31.5
1948	4,586	33.0	145	31.5
1949	4,586	33.0	145	31.5
1950	4,586	33.0	145	31.5
1951	4,586	33.0	145	31.5
1952	4,586	33.0	145	31.5
1953	4,586	33.0	145	31.5
1954	4,586	33.0	145	31.5
1955	4,586	33.0	145	31.5
1956	4,586	33.0	145	31.5
1957	4,586	33.0	145	31.5

Order of Birth by Age of Mother

Order	13-17 Yrs.	18-19 Yrs.	20-24 Yrs.	25-29 Yrs.	30-34 Yrs.	35-39 Yrs.	40 & over	Total
1st	447	964	489	110	69	16	2,185	27.7
2nd	100	616	385	350	119	30	1,730	29.3
3rd	14	339	361	303	152	32	1,104	18.3
4th		25	142	164	159	32	313	8.2
5th		20	61	94	31	32	228	4.3
6th & over		4	46	88	86	32	256	4.3
<b>Total</b>	<b>561</b>	<b>1,992</b>	<b>1,684</b>	<b>1,149</b>	<b>612</b>	<b>132</b>	<b>6,000</b>	<b>100.0</b>

\* Unknown, included in above total - 4



TABLE SHOWING NUMBER OF BIRTHS, DEATHS, INFANT DEATHS AND  
Maternal Mortality With Rates For Winnipeg For Years 1911-1957

Average	Births	Rate per 1,000 pop.	Deaths	Rate per 1,000 pop.	Infant Deaths	Rate per 1,000 L.B.	Maternal Mortality	Rate per 1,000 L.B.
1911-1915	5,369	29	2,022	11.1	813	152	35	6.5
1916-1920	5,695	30	2,177	11.5	570	104	35	6.9
1921-1925	5,371	27	1,677	8.5	415	77	25	4.7
1926-1930	4,527	22	1,777	8.7	277	61	26	5.7
1931-1935	3,944	18	1,512	6.9	170	43	20	5.1
1936-1940	3,785	17	1,697	7.7	138	36	17	4.5
1941-1945	4,057	18	1,985	8.7	159	39	10	2.3
1946-1950	5,200	22	2,035	8.7	164	31	4	0.8
1951	5,254	21.9	2,091	8.7	112	21.4	6	1.1
1952	5,417	22.5	2,063	8.6	131	24.2	1	.2
1953	5,586	23	2,288	9.4	166	29.7	5	.9
1954	5,920	24.3	2,327	9.6	144	24.3	3	.5
1955	6,016	24.2	2,332	9.6	147	24.4	4	.7
1956	5,908	23.3	2,438	9.6	144	24.4	1	.2
1957	6,067	23.8	2,551	10.0	180	29.7	2	.3

\*1911-1930 include non-residents  
 1931-1957 residents only

Table Showing Number of Deaths and Rate Per 100,000 Population  
From Certain Diseases For Winnipeg For The Years 1911 To 1957

	T.B.	Rate per 100,000 population	4 Acute Comm. Diseases	Rate per 100,000 population	Diseases of heart	Rate per 100,000 population	Cancer All forms	Rate per 100,000 population
1911-1915	131	72	142	78	117	64	87	48
1916-1920	136	72	135	72	138	73	135	72
1921-1925	94	48	65	33	174	88	178	90
1926-1930	86	42	37	18	233	115	209	103
1931-1935	65	29	15	7	308	141	268	123
1936-1940	52	24	11	5	450	205	283	129
1941-1945	51	22	8	4	613	270	324	143
1946-1950	34	14	4	2	675	291	333	143
1951	27	11	1	0.4	704	294	355	148
1952	23	10	-	-	754	315	411	172
1953	16	7	2	0.8	817	336	435	179
1954	17	7	1	0.4	872	358	442	182
1955	18	7	1	0.4	875	359	418	167
1956	11	5	2	0.8	867	341	464	182
1957	22	9	3	1.2	922	362	413	162

\*Measles, Scarlet Fever, Diphtheria, Whooping Cough  
 †1911-1930 include non-residents (1931-1957 residents only).





LEADING CAUSES OF DEATH, 1957, RESIDENTS ONLY

Cause of Death	1957		1956	
	Number of Deaths	% of Total Deaths	Number of Deaths	% of Total Deaths
Heart Diseases (410-443)	922	36.1	867	35.5
Malignant Neoplasms (140-205)	413	16.2	464	19.0
Vascular Lesions Affecting Central Nervous System (330-334)	291	11.4	288	11.8
Malformations and Diseases of Early Infancy (750-776)	144	5.7	112	4.6
Accidents, Poisonings and Violent Deaths (E800-E999)	133	5.2	136	5.6
Pneumonia (490-493)	127	5.0	107	4.4
Acute Poliomyelitis (080)	.	.	.	.
Diabetes Mellitus (260)	28	1.1	39	1.6
Ulcer of stomach and duodenum (540-541)	13	.5	12	.5
Nephritis and Nephrosis (590-594)	24	.9	22	.9
Intestinal Obstruction and Hernia (560-561, 570)	19	.7	15	.6
Pulmonary Tuberculosis (002)	22	.9	11	.5
Hypertension without mention of Heart (444-447)	13	.5	17	.7
Cirrhosis of Liver (581)	27	1.1	26	1.1
Bronchitis (500-502)	21	.8	15	.6
All other causes	354	13.9	307	12.6
	2,551	100.0	2,438	100.0

Causes of Death

The following pages give particulars of the number of deaths of Winnipeg residents for the year 1957, classified according to cause, age and sex. The causes of death are coded according to the Sixth revision of the International Lists of Diseases and Causes of Death.



LEADERSHIP CAUSE OF DEATH, 1957, WASHINGTON STATE

Cause of Death	1957		1956	
	Number of Deaths	% of Total Deaths	Number of Deaths	% of Total Deaths
All other causes	224	15.9	307	18.6
Bronchitis (500-502)	81	8	12	6
Cirrhosis of liver (581)	27	1.1	28	1.1
Coronary artery disease without mention of heart (444-447)	13	2	17	7
Pharynx, larynx and trachea (500)	25	2	11	2
Intestinal obstruction and hernia (580-581, 570)	19	7	12	6
Nephritis and nephrosis (590-594)	54	2	22	2
Ulcer of stomach and duodenum (540-541)	17	2	12	2
Diabetes mellitus (250)	28	1.1	39	1.6
Acute poliomyelitis (080)	.	.	.	.
Tuberculosis (490-493)	127	8.0	107	4.4
Accidents, poisonings and violence (800-899)	129	8.2	136	5.6
Malignant neoplasms (140-202)	144	8.7	112	4.6
Respiratory system (570-574)	291	11.4	288	11.8
Malignant neoplasms (140-202)	413	16.2	464	19.0
Heart diseases (410-443)	328	12.1	367	15.2

Cause of Death

The following pages give percentages of the number of deaths of Washington residents for the year 1957, classified according to cause, sex and race. The cause of death was coded according to the 9th revision of the International Lists of Diseases and Causes of Death.

DEATHS TO WINNIPEG RESIDENTS BY CAUSE, SEX AND AGE - 1957

Cause	Sex		Age											Total			
	Male	Female	0 - 28 days	29d. - 1 yr.	1 - 2 yr.	3 - 4 yr.	5 - 14 yr.	15 - 24 yr.	25 - 34 yr.	35 - 44 yr.	45 - 54 yr.	55 - 64 yr.	65 - 69 yr.		70 - 79 yr.	80 - 89 yr.	90 yr. +
T.B. of respiratory system (001-008)	15	7							5	2	4			7	3	1	22
T.B., other forms (010-019)		1									1						1
Syphilis and its sequelae (020-029)	3										2	1					3
Diphtheria (055)		2			1		1										2
Meningococcal infections (057)		1			1												1
Measles (085)		1			1												1
Malignant neoplasms including neoplasms of lymphatic and haematopoietic tissues (140-205)	218	195			1	1	1	3	6	18	34	89	72	133	51	4	413
Benign and unspecified neoplasms (210-239)	4	5			1							1	2	4			9
Diabetes Mellitus (260)	18	10						2	2	3	5	2	2	10	4		28
Anaemias (290-293)	2	2															4
Vascular lesions affecting central nervous system (330-334)	129	162		1				1	2	11	34	32	103	88	19		291

Category	Code	Value	Unit	Notes
General	1000	1000	1000	1000
	2000	2000	2000	2000
	3000	3000	3000	3000
Special	4000	4000	4000	4000
	5000	5000	5000	5000
	6000	6000	6000	6000
Advanced	7000	7000	7000	7000
	8000	8000	8000	8000
	9000	9000	9000	9000
Expert	10000	10000	10000	10000
	11000	11000	11000	11000
	12000	12000	12000	12000
Master	13000	13000	13000	13000
	14000	14000	14000	14000
	15000	15000	15000	15000
Senior	16000	16000	16000	16000
	17000	17000	17000	17000
	18000	18000	18000	18000
Lead	19000	19000	19000	19000
	20000	20000	20000	20000
	21000	21000	21000	21000



Cause	Sex		0 - 28 days	1 - 2 yr.	3 - 4 yr.	5 - 14 yr.	15 - 24 yr.	25 - 34 yr.	35 - 44 yr.	45 - 54 yr.	55 - 64 yr.	65 - 69 yr.	70 - 79 yr.	80 - 89 yr.	90 yr. +	Total
	Male	Female														
Nonmeningococcal Meningitis (340)	1	3	1	2						1						4
Chronic rheumatic heart disease (410-416)	12	27				4	6	7	2	5	7					39
Arteriosclerotic and degenerative heart diseases (420-422)	515	273	1	1		1	10	134	120	299	134	33				788
Other diseases of heart (430-434)	20	21						3	5	18	9	1				41
Hypertension with heart disease (440-443)	26	28						3	8	20	15	2				54
Total Heart Diseases (410-443)	573	349	1	1		1	5	16	71	151	133	342	165	36		922
Hypertension without mention of heart (444-447)	12	1							1	4	2	3				13
Influenza (480-483)	14	6				1	1	1	1	4	2	4	4	1		20
Pneumonia (490-493)	78	49		1		2	3	5	7	8	12	37	28	11		127
Bronchitis (500-502)	15	6			1					2	4	7		2		21











Cause	Sex		0 - 28 days	29d. - 1 yr.	1 - 2 yr.	3 - 4 yr.	5 - 14 yr.	15 - 24 yr.	25 - 34 yr.	35 - 44 yr.	45 - 54 yr.	55 - 64 yr.	65 - 69 yr.	70 - 79 yr.	80 - 89 yr.	90 yrs. +	Total	
	Male	Female																
Congenital Malformations (750-759)	16	19	21	6	1		2				3		1	1	1		7	36
Birth Injuries, postnatal asphyxia and atelectasis (760-762)	26	20	45	1														46
Infections of the newborn (763-768)	4	7	11															11
Other diseases peculiar to early infancy and immaturity unqualified (769-776)	22	29	51															51
Totals, (750-776)	68	75	128	7	1	2					3		1	1	1		7	144
Senility without mention of psychosis, ill defined and unknown causes (780-795)	5	4												3	4	2		9
All other diseases (residual)	188	91	3	9	1	1	5	1	3	5	14	28	41	88	67	13		279

\* Sex undetermined - 1





Cause	Sex		0 - 28 days	29d. - 1 yr.	1 - 2 yr.	3 - 4 yr.	5 - 14 yr.	15 - 24 yr.	25 - 34 yr.	35 - 44 yr.	45 - 54 yr.	55 - 64 yr.	65 - 69 yr.	70 - 79 yr.	80 - 89 yr.	90 yrs. +	Total
	Male	Female															
<u>Accidents, Poisonings and Violence (External Cause)</u>																	
Motor vehicle accidents (E810-E835)	27	10	1	6	2	2	3	9	3	2	4	3	2	5	2	4	37
All other accidents (E800-E802, E840-E965)	42	23	1	6			3	5	6	4	4	7	6	8	11	4	65
Suicide and self-inflicted injury (E970-E979)	21	7					1		3	5	11	4	3	1			28
Homicide and operations of war (E980-E999)	2	1			1				1								3
Total Violent Deaths (E800-E999)	92	41	1	6	3	2	7	14	13	12	19	14	11	15	13	4	133
GRAND TOTALS	1,502	1,048	137	43	11	9	18	25	40	76	177	359	327	793	441	95	2,551

Sex undetermined - 1

1 - Description of work

Code	Description of work	Unit	Quantity	Rate	Amount	Remarks
100	Excavation	m <sup>3</sup>	100	100	10000	
200	Concrete work	m <sup>3</sup>	50	200	10000	
300	Brickwork	m <sup>3</sup>	200	100	20000	
400	Plastering	m <sup>2</sup>	1000	10	10000	
500	Painting	m <sup>2</sup>	1000	5	5000	
600	Roofing	m <sup>2</sup>	500	20	10000	
700	Structural steel	kg	10000	10	100000	
800	Electrical work	unit	10	100	1000	
900	Sanitary work	unit	5	200	1000	
1000	Other work	unit	10	100	1000	
Total						

10000

10000

10000

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INFANT DEATHS, WINNIPEG RESIDENTS, FOR THE YEAR 1957 - BY CAUSE, AGE AND SEX

Code Number	Cause of Death	Total	Male		Female		0-7 Days		8-14 Days		15-21 Days		22da. -1yr.		1mo. -1yr.	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F
751	Spina bifida and meningocele	3	2		1		1	1							1	
754	Congenital malformations, circulatory system	12	5		7	2	4	1							2	2
750-752, 753, 755-759	All other congenital malformations	12	6		5	6	4								1	
760-761	Birth Injuries	17	9		8	9	6		1						1	
762	Postnatal asphyxia and atelectasis	29	17		12	17	12									
763	Pneumonia of newborn	8	3		5	3	3							2		
764	Diarrhoea of newborn	2			2				1					1		
7768	Other sepsis of newborn	1	1													
770	Haemolytic disease of newborn (Erythroblastosis)	6	3		3	3	3									
769, 771, 772	All other defined diseases of early infancy	3			3		2		1							
773	Ill-defined diseases peculiar to early infancy	4	1		3	1	3									
774-776	Immaturity with subsidiary condition or unqualified	38	18		20	18	19		1							
	All other causes	45	29		16	5	2	1	1						23	13
	TOTALS	180	94		85	65	58	1	5	2	2				3	26

† Sex undetermined



Reduction of the ...

180	90	45	0	45	90	135	180
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104

THE ...

Details of Infant Deaths Listed in "All other causes" for 1957, Residents

No.	Cause of Death	Total	Male		Female		0-7 Days		8-14 Days		15-21 Days		22da. -1yr.	
			M	F	M	F	M	F	M	F	M	F	M	F
053	Septicaemia and pyaemia	2	2											2
331	Cerebral hemorrhage (over 4 weeks)	1		1										1
340	Meningitis, except meningococcal and tuberculous	1		1					1					
344	Late effects of intracranial abscess or pyogenic infection	1	1											1
351	Cerebral spastic infantile paralysis	1	1											1
353	Epilepsy	1	1											1
391	Otitis media without mention of mastoiditis	1		1										1
421	Chronic endocarditis not specified as rheumatic	1	1					1						
422	Other myocardial degeneration	1		1										1
491	Bronchopneumonia (over 4 weeks)	8	5											3
492	Primary atypical pneumonia (over 4 weeks)	3		3										3
493	Pneumonia, other and unspecified	1	1											1
500	Acute bronchitis	1	1											1
501	Bronchitis unqualified	3	2											2
502	Chronic bronchitis	1		1										1
560	Hernia of abdominal cavity without mention of obstruction	1	1					1						
571	Gastro-enteritis and colitis, except ulcerative, age 4 weeks & over	1	1											1
583	Other diseases of liver	1	1											1
587	Diseases of pancreas	1		1										1
593	Nephritis not specified as acute or chronic	1	1											1
603	Other diseases of kidney and ureter	1	1											1
648	Other complications arising from pregnancy	2	1					1	1					
660	Delivery without mention of complication	1		1										1
748	Clubfeet	2	2					2						
E921	Inhalation and ingestion of food causing obstruction or suffocation	3	3											3
E924	Accidental mechanical suffocation in bed and cradle	3	2						1					1
E936	Other and unspecified accidents	1	1											1
TOTALS		45	29	16	5	2	1	1	1	1				23
														13



DATE	42	43	44	45	46	47	48	49	50	51	52	53	54
1900													
1901													
1902													
1903													
1904													
1905													
1906													
1907													
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RIVER HEIGHTS

A  
 Live Births 398  
 Infant Deaths 0-14d 10  
 Rate per 100 L.B. 2.5  
 Inf.Dths.15d.-lyr. 3  
 Rate per 100 L.B. .8

CRESCENTWOOD

B  
 Live Births 541  
 I.D. 0-14d. 11  
 Rate/100 L.B. 2.0  
 I.D.15d.-lyr. 3  
 Rate/100 L.B. .6

Cambridge

PORTAGE WEST

F  
 L.B. 386  
 Inf.Dths. 9  
 O-14d. Rate 2.3  
 15d.-lyr 1  
 Rate .3

PORTAGE SOUTH

E  
 L.B. 440  
 Inf.Dths. 10  
 O-14d. Rate 2.3  
 15d.-lyr 2  
 Rate .4

SARGENT WEST

H  
 L.B. 516  
 Inf. Dths. 11  
 O-14d. Rate 2.1  
 15d.-lyr. 2  
 Rate .4

SARGENT EAST

D  
 L.B. 347  
 Inf.Dths. 7  
 O-14d. 10  
 Rate 2.8  
 15d.-lyr .  
 Rate .

WILLIAM WEST

J  
 L.B. 351  
 Inf.Dths. 10  
 O-14d. Rate 2.9  
 15d.-lyr. 5  
 Rate 1.4

Sherbrook

Andrews  
 L.B. 327  
 Inf.Dths. 5  
 O-14d. Rate 1.5  
 15d.-lyr. 7  
 Rate 2.2

SELKIRK WEST

M  
 L.B. 362  
 Inf.Dths. 5  
 O-14d. Rate 1.4  
 15d.-lyr. 3  
 Rate .8

BUTTOWS

L.B. 328  
 Inf.Dths. 5  
 O-14d. Rate 1.5  
 15d.-lyr '5  
 Rate 1.5

McPHILLIPS NORTH

N  
 L.B. 537  
 Inf.Dths. 11  
 O-14d. Rate 2.0  
 15d.-lyr. 2  
 Rate .4

WILLIAM EAST

K  
 L.B. 411  
 Inf.Dths. 10  
 O-14d. Rate 2.4  
 15d.-lyr. 4  
 Rate 1.0

PORTAGE EAST

D  
 L.B. 309  
 Inf.Dths. 7  
 O-14d. 10  
 Rate 2.3  
 15d.-lyr 4  
 Rate 1.3

INFANT MORTALITY BY STATISTICAL DISTRICTS RESIDENTS ONLY, 1957

Deaths of Infants  
 (1) 0 to 14 days  
 (2) 15 days to 1 year  
 Rates per 100 Live Births

RIVERVIEW

C  
 Live Births 383  
 I.D. 0-14d. 9  
 Rate/100L.B. 2.3  
 I.D.15d.-lyr. 3  
 Rate/100L.B. .8



City totals

Live Births ... 6,067  
 Infant Deaths... 180  
 Rate/100 L.B.... 3.0  
 Rate/1000 L.B.. 29.7



INFANT MORTALITY, 1957, BY DISTRICTS - RESIDENTS ONLY

District	Live Births		Total Infant Deaths		Infant Deaths 0 - 14 days		Infant Deaths 15d. - 1 yr.		Stillbirths		Puerperal Deaths	
	No.	Rate/100 L.B.	No.	Rate/100 L.B.	No.	Rate/100 L.B.	No.	Rate/100 L.B.	No.	Rate/100 L.B.	No.	Rate/100 L.B.
River Heights	398	3.3	10	2.5	3	.8	2	.5				
Crescentwood	541	2.6	11	2.0	3	.6	8	1.5				
Riverview	383	3.1	9	2.3	3	.8	7	1.8				
Portage East	347	2.8	10	2.8			5	1.4	1	.3		
Portage South	440	2.7	10	2.3	2	.4	6	1.4				
Portage West	386	2.6	9	2.3	1	.3	4	1.0				
Sargent East	309	3.6	7	2.3	4	1.3	5	1.6				
Sargent West	516	2.5	11	2.1	2	.4	7	1.4	1	.2		
William West	351	4.3	10	2.9	5	1.4	10	2.8				
William East	327	3.7	5	1.5	7	2.2	7	2.1				
Selkirk East	328	3.0	5	1.5	5	1.5	6	1.8				
Selkirk West	362	2.2	5	1.4	3	.8	3	.8				
McPhillips North	537	2.4	11	2.0	2	.4	6	1.1				
St. John's	411	3.4	10	2.4	4	1.0	2	.5				
Elmwood	431	3.0	10	2.3	3	.7	8	1.9				
<b>TOTALS</b>	<b>6,067</b>		<b>133</b>		<b>47</b>		<b>86</b>		<b>2</b>			
Rates /100 L.B.		3.0		2.2		.8		1.4				.03
Rates /1,000 L.B.		29.7		21.9		7.8		14.2				.3





DIVISION OF COMMUNICABLE DISEASES

<u>CASES AND DEATHS REPORTED:</u>	<u>CASES</u>		<u>DEATHS</u>	
	<u>1</u>	<u>9</u>	<u>5</u>	<u>7</u>
Chickenpox	224	-	226	-
Diarrhoea, Infantile	55	-	46	-
Diphtheria	20	2	47	2
Diphtheria Carriers	11	-	10	-
Dysentery, Bacillary	12	-	10	-
Encephalitis, Infectious	3	-	-	-
Erysipelas	1	-	4	-
Hepatitis, Infectious	91	-	83	-
Influenza	77	-	-	-
Measles	619	-	292	-
Men. Meningitis	10	-	-	-
Mumps	94	-	198	-
Poliomyelitis	1	-	2	-
Paratyphoid Fever	-	-	2	-
Scarlet Fever	61	-	52	-
Tuberculosis, Pulmonary	61	22	49	12
Typhoid Fever	1	-	-	-
Tetanus	1	-	-	-
Undulant Fever	-	-	3	-
Whooping Cough	20	-	65	-
Total	<u>1362</u>	<u>24</u>	<u>1089</u>	<u>14</u>

SERA AND VACCINE DISTRIBUTED

	<u>1957</u>	<u>1956</u>
Smallpox vaccine	8066	8558
Scarlet Fever Toxin (1 person pkts.)	27	118
Diphtheria Toxoid (1 person pkts.)	90	640
(9 person pkts.)	-	16
Schick Test Toxin pkts.	60	325
Tetanus Antitoxin (1,500 unit pkts.)	180	121
Pertussis Vaccine (1 person pkts.)	130	63
Typhoid Toxoid (1 person pkts.)	194	157
Diphtheria and Pertussis comb. (1 person pkts.)	52	139
Diphtheria and Tetanus, Conn. (1 person pkts.)	128	358
Diphtheria, Tetanus & Pertussis, Conn.	106	195
Diphtheria, Tetanus & Pertussis, (1.5 cc P.D.)	658	540
Diphtheria, Tetanus & Pertussis, (7.5 cc P.D.)	2413	4224





DIVISION OF COMMUNICABLE AND OTHER DISEASES

IMMUNIZATIONS AND VACCINATIONS COMPLETED

JANUARY - DECEMBER, 1957

	<u>Under 1 yr.</u>	<u>1 year</u>	<u>2 - 5 years</u>	<u>6 - 16 years</u>	<u>Over years</u>	<u>TOTAL</u>
Diphtheria Toxoid Tetanus Vaccine Comb.	22	61	610	1864	154	2711
Reinforcing doses	9	42	355	448	110	964
Diphtheria, Tetanus & Pertussis Comb.	1223	388	350	19	-	1980
Reinforcing doses	311	171	292	16	6	796
Smallpox Vaccination	730	413	600	430	3	2176
Revaccinations	7	34	36	31	1	109

MEDICAL RELIEF AND OTHER SERVICES

	<u>1957</u>	<u>1956</u>
Patients visited by district physicians.....	1661	1668
Glasses supplied to school children.....	396	344
Persons receiving insulin.....	311	229
Persons receiving liver extract.....	21	23
Persons receiving prophylactic penicillin.....	67	36

(Persons with a history of rheumatic fever receive a daily dose of penicillin as a preventative measure against recurrence of the disease. The Health Department supplies this where economically indicated.)



DIVISION OF COMMUNICABLE AND BIRTH DEFECTS  
STATISTICS AND LABORATORY DATA

TABLE - SUMMARY - 1951

<u>TOTAL</u>	<u>Over</u> <u>1 year</u>	<u>6 - 12</u> <u>months</u>	<u>3 - 5</u> <u>months</u>	<u>1 - 2</u> <u>months</u>	<u>Under</u> <u>1 mo.</u>	
8711	154	1884	440	61	52	Diphtheria, Tetanus & Pertussis Combi.
964	130	400	338	48	2	Relapsing fever
1980	-	39	899	588	125	Diphtheria, Tetanus & Pertussis Combi.
796	2	16	208	171	21	Relapsing fever
516	2	130	200	118	150	Smallpox Vaccination
109	1	31	36	24	7	Vaccination

1951  
1868  
144  
229  
52  
36

1951  
1691  
174  
113  
24  
67

STATISTICAL SUMMARY AND ANALYSIS

Patients visited by district physicians.....  
 Classes supplied to school children.....  
 Persons receiving immunization.....  
 Persons receiving other services.....  
 Persons receiving prophylactic injections.....

(Persons with a history of the malarial fever receive a daily dose of sulfadiazine as a prophylactic measure against recurrence of the disease. The Health Department supplies this when economically indicated.)

WINNIPEG CITY HEALTH DEPARTMENT  
TUBERCULOSIS CONTROL 1957

Continued progress in the control of tuberculosis in Winnipeg is reflected in the following report of the Tuberculosis Division of the City Health Department.

Death Rate

There were 22 deaths in Winnipeg due to tuberculosis. This corresponds to a death rate of 8.7 per 100,000 population. This is almost double the rate for 1956 and the highest since 1952.

<u>Year</u>	<u>No. of Deaths</u>	<u>Rate per 100,000 population</u>
1930	106	51.
1940	52	23.
1950	21	8.8
1954	17	7.
1955	17	7.
1956	12	4.7
1957	22	8.7

Hospitalization

There was a monthly average of 139 patients hospitalized in the various Sanatoria during the year 1957. This is a substantial reduction in the monthly average of patients hospitalized during 1953 (199 patients), in 1954 (191 patients), in 1955 (166 patients) and 1956 (147 patients). The monthly average number of patients in the various Sanatoria were:

Ninette.....	50
St. Boniface.....	77
Central Tuberculosis Clinic.....	<u>12</u>
Total.....	139

X-ray Surveys

During 1957 the chest X-ray survey programme continued to expand. The mobile 70 mm. machine previously purchased by the Manitoba Sanatorium Board and loaned with staff to the City Health Department, the stationary 4 x 5 X-ray Unit at the City Hall and two other 70 mm. machines (provided by the Manitoba Sanatorium Board for use during the survey of all school children) were all utilized in X-raying a total of 61,064 individuals.

All recipients of public welfare assistance received an x-ray at the City Hall Unit this year as this low income group is considered more susceptible to tuberculosis and many would not be screened in industrial surveys. One new active case was found in this group of 1,012 x-rays.



WINNIPEG CITY HEALTH DEPARTMENT  
TUBERCULOSIS CONTROL 1957

Continued progress in the control of tuberculosis in Winnipeg reflected in the following report of the Tuberculosis Division of the City Health Department.

Death Rate

There were 22 deaths in Winnipeg due to tuberculosis. This corresponds to a death rate of 8.7 per 100,000 population. This is about double the rate for 1956 and the highest since 1952.

Year	No. of Deaths	Rate per 100,000 Population
1957	22	8.7
1956	15	4.7
1955	17	7.1
1954	17	7.1
1953	21	8.8
1952	22	8.7
1951	106	21.5

Capitalization

There was a monthly average of 159 patients hospitalized in the various sanatoria during the year 1957. This is a substantial reduction in the monthly average of patients hospitalized during 1953 (199 patients). In 1954 (191 patients), in 1955 (186 patients) and 1956 (179 patients). The monthly average number of patients in the various sanatoria were:

Winnipeg.....	20
St. Boniface.....	11
Central Tuberculosis Clinic.....	12
Total.....	43

X-ray Surveys

During 1957 the chest X-ray survey programme continued to expand. The mobile X-ray machine previously purchased by the Manitoba Sanatorium Board and loaned with staff to the City Health Department, the stationary 4 x 5 X-ray unit at the City Hall and two other 10 mm. machines (provided by the Manitoba Sanatorium Board for use during the survey of all school children) were all utilized in X-raying a total of 61,000 individuals.

All residents of public welfare assistance received an X-ray at the City Hall Unit this year as this low income group is considered more susceptible to tuberculosis and many would not be screened in industrial surveys. One new active case was found in this group of 1,018 X-rays.

WINNIPEG CITY HEALTH DEPARTMENT

TUBERCULOSIS CONTROL 1957

Industrial Surveys

One thousand, two hundred and twenty-six (1,126) office, business and industrial concerns were provided with an opportunity for their employees to have a chest X-ray at one or other of the 96 sites where the X-ray machines were set up. Ninety-six per cent (96%) of the employees of these business concerns attended for an X-ray.

Table I lists the activities of the X-ray Units.

Table I 70 mm. Units

No. of operational sites.....	96
No. of industries X-rayed.....	1,126
Average Attendance.....	96%
No. of industrial X-rays taken.....	38,200
No. of school children X-rayed.....	6,480
No. of private school children X-rayed.....	925
Total 70 mm. X-rays.....	45,605

4 x 5 Unit at City Hall

No. of survey, contact and patients X-rayed..	10,188
No. of pre-employment X-rays.....	5,271
Total 4 x 5 X-rays.....	15,459

TOTAL X-RAYS TAKEN DURING 1957..... 61,064

Eight new cases of pulmonary tuberculosis were discovered during the year which is 13.1% of the total number of new active pulmonary cases discovered by all agencies such as private physicians, Sanatoria, Hospitals, private and public clinics. (See Table II)

Table II Active Cases of Pulmonary Tuberculosis Discovered Annually

<u>Year</u>	<u>By all means</u>	<u>By City Health Surveys</u>	<u>% of Total found by City Health Surveys</u>
1952	91	25	27.5%
1953	74	26	35.1%
1954	67	17	25.4%
1955	48	11	22.9%
1956	49	9	18.3%
1957	61	8	13.1%

There was a ratio of one new case discovered for every 7,633 individuals X-rayed. Once again the progress that is being made in eradicating this disease is evident in Table III which shows that in 1951, out of every 2,107 individuals X-rayed one new unsuspected case of Tuberculosis was discovered compared to one out of every 7,633 individuals X-rayed in 1957.





WINNIPEG CITY HEALTH DEPARTMENT  
TUBERCULOSIS CONTROL 1957

Table III Active Cases of Pulmonary TB Discovered Annually by Surveys

Year	No. of X-rays	Total Active Cases	Active Cases Rate per 1,000 X-rays
1951	73,734	35	.5 or 1 every 2,107 x-rays
1952	52,466	25	.5 or 1 every 2,088 x-rays
1953	72,259	26	.4 or 1 every 2,779 x-rays
1954	83,883	17	.2 or 1 every 4,934 x-rays
1955	49,150	11	.2 or 1 every 4,468 x-rays
1956	58,422	9	.1 or 1 every 6,491 x-rays
1957	61,064	8	.1 or 1 every 7,633 x-rays

In addition to these new unsuspected cases of Tuberculosis some individuals were found to have other significant pathology of the lung, heart or great vessels. Such individuals were advised to consult their own physician for further advice or treatment as required.

Table IV shows the source of active cases discovered by the Health Department. It should be noted that there were 1,035 individuals referred to the City Hall by private physicians for chest X-rays and that 1 new active case was discovered among this group or 1 case for every 1,035 physician referrals X-rayed. These referrals were in the main for pre-natal chest X-rays, routine chest X-rays in conjunction with a physical examination or suspect lung pathology. It is interesting to speculate on the reason why 3 of the 8 new cases discovered during the year were discovered by the X-ray Unit at the City Hall among 15,459 X-rays, while only 5 new cases were discovered by the Mobile Units in a total of 45,605 X-rays.

Table IV Source of Active Cases Discovered by the Health Department

Surveys (Industrial and at City Hall).....	6
Referred by Private Physician.....	1
Individuals.....	<u>1</u>
Total.....	8

As will be seen in Table V, Tuberculosis discovered on Surveys continues to be found among those individuals who are in the most productive years of their lives. All of the 8 new cases were discovered in the 20 to 60 age group.

Table V Active Cases Discovered through X-rays taken on Survey and at City Hall by Age Group

Year	0-19 yrs.		20-39 yrs.		40-59 yrs.		60 yrs.		Total Cases
	No.	%	No.	%	No.	%	No.	%	
1951	10	29%	20	57%	4	11%	1	3%	35
1952	5	20%	16	64%	2	8%	2	8%	25
1953	3	12%	16	62%	5	20%	2	8%	26
1954	5	29%	10	59%	1	6%	1	6%	17
1955	2	17%	4	36%	4	36%	1	9%	11
1956	2	22%	6	67%	1	11%	-	-	9
1957	-	-	6	75%	2	25%	-	-	8



MEMPHIS CITY HEALTH DEPARTMENT  
TUBERCULOSIS CONTROL 1954

TABLE IV  
Active Cases of Tuberculosis by Sex and Age Group

Year	Male	Female	Total Active Cases	Active Cases per 1,000 X-rays
1951	10	10	20	1.0
1952	15	15	30	1.5
1953	20	20	40	2.0
1954	25	25	50	2.5
1955	30	30	60	3.0
1956	35	35	70	3.5
1957	40	40	80	4.0

In addition to these now unreported cases of Tuberculosis some individuals were found to have other significant pathology of the lungs or great vessels. Some individuals were referred to general health physician for further advice or treatment as required.

Table IV shows the source of active cases discovered by the Health Department. It should be noted that there were 1,012 individuals referred to the City Hall by private physicians for chest X-rays as part of active case was discovered among this group on 1 case for every 55 physician referrals X-rayed. These referrals were in the main for chest X-rays, routine chest X-rays in connection with a physical examination or suspect lung pathology. It is interesting to speculate on the reason why 5 of the 6 new cases discovered during the year were covered by the X-ray Unit at the City Hall since 19,453 X-rays, while 5 new cases were discovered by the Health Department in a total of 45,603 X-rays.

TABLE V  
Source of Active Cases Discovered by the Health Department

Source	No. of Cases
Surveys (Industrial and at City Hall)	10
Referred by Private Physicians	1
Individuals	1
Total	12

As will be seen in Table V, Tuberculosis discovered on surveys continues to be found among these individuals who are in the most productive years of their lives. All of the 8 new cases were discovered the 20 to 30 age group.

TABLE VI  
Active Cases Discovered through X-rays taken on Survey and at City Hall by Sex and Age Group

Age Group	City Hall		Survey		Total Cases
	No.	%	No.	%	
0-14	10	100	0	0	10
15-24	15	100	0	0	15
25-34	20	100	0	0	20
35-44	25	100	0	0	25
45-54	30	100	0	0	30
55-64	35	100	0	0	35
65-74	40	100	0	0	40
75-84	45	100	0	0	45
85-94	50	100	0	0	50
95-104	55	100	0	0	55
Total	200	100	0	0	200

TUBERCULOSIS CONTROL  
 WINNIPEG CITY HEALTH DEPARTMENT  
 TUBERCULOSIS CONTROL 1957

New diagnoses reported in 1957 (Pulmonary, non-pulmonary and Pleurisy)

The extent of disease on discovery for the 8 new cases found was:

<u>Extent</u>	<u>No. of Cases</u>	
	<u>1956</u>	<u>1957</u>
Minimal	6	3
Moderately Advanced	2	3
Far Advanced	1	2

----- " " -----

No. of active cases among new diagnoses in 1957:  
 Pulmonary T.B. active..... 11

In conclusion the co-operation and assistance extended to the City Health Department by the various agencies concerned with the treatment or control of Tuberculosis has been greatly appreciated. In particular we are grateful to the Manitoba Sanatorium Board through the Central Tuberculosis Clinic for organizing the survey program; for the loan to the City Health Department of technical staff when required; for the interpretation of X-ray films and of various equipment and supplies.

J. B. Morison, M.D.,  
 Deputy Medical Health Officer.

No. Deaths from Tuberculosis during 1957:  
 Pulmonary..... 22  
 Non-pulmonary..... 1

Reports from Chest Clinics and Sanatoria during 1957:  
 Regarding Tuberculosis Cases..... 2,304  
 Regarding Tuberculosis Contacts..... 1,241

TUBERCULOSIS CONSULTANT - 1957

Personal interviews in office..... 20  
 Conferences with Doctors re patients..... 136  
 Conferences with Agencies..... 65  
 Visits with patients in Sanatoria..... 274  
 Meetings..... 1

Visits of Public Health Nurses to homes of Tb. cases during 1957 - 896



WINNIPEG CITY HEALTH DEPARTMENT  
TUBERCULOSIS CONTROL 1937

The extent of disease on discovery for the 8 new cases found was:

No. of Cases		Extent
1937	1936	
6	2	Minimal
2	3	Moderately Advanced
1	1	Far Advanced

----- " " -----

In connection the co-operation and assistance extended to the City Health Department by the various agencies concerned with the treatment or control of Tuberculosis has been greatly appreciated. In particular we are grateful to the Manitoba Sanatorium Board through the General Tuberculosis Clinic for organizing the survey program; for the loan to the City Health Department of technical staff when required; for the interpretation of X-ray films and of various equipment and supplies.

J. B. Morrison, M.D.,  
Deputy Medical Health Officer,

TUBERCULOSIS CONTROL

TUBERCULOSIS CASES AND SUPERVISION

New diagnosis reported in 1957 (Pulmonary, non-pulmonary and Pleurisy with effusion):

Female.....	44	
Male.....	64	108

New cases of Tuberculosis reported to City Health Department in 1957

New Diagnosis - Active and Inactive:		
Pulmonary.....	91	
Non-pulmonary.....	15	
Pleurisy with effusion.....	2	108
Old cases transferred from outside points into City	<u>48</u>	156

No. of active cases among new diagnosis in 1957:

Pulmonary t.b. active.....	61	
Pulmonary t.b. activity doubtful..	7	
Pleurisy with effusion active.....	2	
Non-pulmonary tuberculosis.....	<u>14</u>	84

Known cases transferred into City during 1957.....	48
Known cases transferred out of City during 1957.....	25

Average No. Patients in Sanatoria during 1957.....139

Average No. cases under supervision during 1957.....1,298

No. Deaths from Tuberculosis during 1957:

Pulmonary.....	22	
Non-pulmonary.....	<u>1</u>	23

Reports from Chest Clinics and Sanatoria during 1957:

Regarding Tuberculosis Cases.....	2,304	
Regarding Tuberculosis Contacts.....	<u>1,241</u>	3,545

TUBERCULOSIS CONSULTANT - 1957

Personal interviews in office.....	20
Conferences with Doctors re patients.....	156
Conferences with Agencies.....	65
Visits with patients in Sanatoria.....	274
Meetings.....	1

Visits of Public Health Nurses to homes of Tb. cases during 1957 - 896

Total number of X-rays taken at City Hall during 1957 for surveys and individuals.....



TUBERCULOSIS CASES

TUBERCULOSIS CASES AND INVESTIGATION

New diagnosis reported in 1957 (Pulmonary, non-pulmonary and Pleurisy with effusion):

Female..... 44  
Male..... 64  
108

New cases of Tuberculosis reported to City Health Department in 1957:

New Diagnosis - Active and Inactive:  
Pulmonary..... 91  
Non-pulmonary..... 15  
108  
Pleurisy with effusion..... 2  
Old cases transferred from outside  
points into City  
48  
156

No. of active cases among new diagnosis in 1957:

Pulmonary T.B. active..... 61  
Pulmonary T.B. active hospital..... 7  
Pleurisy with effusion active..... 2  
Non-pulmonary tuberculosis..... 14  
84

Known cases transferred into City during 1957..... 48  
Known cases transferred out of City during 1957..... 85

Average No. Patients in Sanatoria during 1957..... 139  
Average No. cases under supervision during 1957..... 1,898

No. Deaths from Tuberculosis during 1957:

Pulmonary..... 25  
Non-pulmonary..... 1  
26

Reports from Chest Clinics and Sanatoria during 1957:

Regarding Tuberculosis Cases..... 2,504  
Regarding Tuberculosis Contacts..... 1,241  
3,745

TUBERCULOSIS CONTROL - 1957

Personal interviews in offices..... 80  
Conferences with Doctors re patients..... 156  
Conferences with Agencies..... 65  
Visits with patients in Sanatoria..... 274  
Meetings..... 1

Visits of Public Health Nurses to homes of T.B. cases during 1957 - 896

TUBERCULOSIS CONTROL

X-RAY EXAMINATIONS

Surveys at City Hall - 4 x 5 Unit:

Acme Garments	83	Individuals	3,448
Administrator of Estates of		Jacob Crowley	139
Mentally Incompetent	16	Julliards	30
Aetna Roofing	29	Junior Wear	90
Alex Turk Fuel	14	Kennedy, G.	45
Allen, A.A. & Co.	44	Labour Temple	18
A. & P. Foods	58	Ladies Kraft	25
Armstrong Cork	14	Leland Hotel	14
Ashdown's Retail	93	Link Belt	4
Ashdown's Wholesale	234	Mall Beauty Salon	7
Belmore Children's Wear	35	Manitoba Barrel & Drum	8
Birt Saddlery	13	Manitoba Club	50
Can. Aviation Electronics	7	Manitoba Pant	61
Canadian Broadcasting Corp.	8	Manitoba Hosp. Service Assoc.	3
Canadian Garment	53	Manitoba Hotel Association	97
Canadian General Electric	6	Manor Hotel	9
Canadian Red Cross	5	Mid-West Garment	60
Canadian Shirt & Overall	53	McCaine Electric	4
Canadian Sportswear	97	National Cloak	92
Canadian Wheat Board	10	New Nanking	52
Charm Apparel	33	Olympic Sportswear	116
Children's Aid Society	36	Peerless Garment	81
Civic Employees	1,863	Pre-Natal	34
Civic Lunch	12	Public Welfare Department	1,012
Claude Neon-Ruddy Kestor	75	Quality Pant	28
Day Nursery	15	Rainbow Lunch	11
Deluxe Hairdressers	4	St. Charles Hotel	10
Dept. of National Revenue		St. Regis Hotel	2
Customs & Excise	31	Shanghai	34
Income Tax	2	Sherwin-Williams	1
Dominion Poultry	16	Silpit Industries	1
Exchange Cafe	35	Sinclair, J. M.	25
Federated Co-operatives	3	Stall & Son	165
Freed & Freed	82	Standard Garments	33
Ginn's Grill	12	Stan's Cafe	20
Grange Coffee Shop	7	Stephen's Paint	65
Grange Hotel	5	Sterling Cloak	172
Greater Wpg. Water District	3	Superior Leather	37
Gunn Garment	61	Tuckett's Tobacco	12
Gypsum Lime & Alabastine	8	United Garments	96
Home Painting & Decorating	16	University of Manitoba	261
H. & R. Manufacturers	57	Western Garment	38
Hudson Paper Co.	48	Western Shirt & Overall	127
Hy-Fashion	6	Winnipeg & Central Gas	1
Immigration	189	Winnipeg Pant Manufacturing	59

Total number of X-rays taken at City Hall during 1957 for Surveys  
and Individuals.....10,188



TURKISH-ENGLISH DICTIONARY

X-RAY EXAMINATIONS

Survey at City Hall - 4 x 5 Unit

Number	Name	Number	Name
189	Winnipeg Post Manufacturing	189	Imitation
188	Winnipeg Post Manufacturing	188	Hy-Fashion
187	Winnipeg & Central Gas	187	Hudson Paper Co.
186	Winnipeg & Central Gas	186	R. & R. Manufacturing
185	Winnipeg & Central Gas	185	Home Printing & Decorating
184	Winnipeg & Central Gas	184	Cyprus Lime & Abastine
183	Winnipeg & Central Gas	183	Gunz Garment
182	Winnipeg & Central Gas	182	Greater Wm. Water District
181	Winnipeg & Central Gas	181	Grange Hotel
180	Winnipeg & Central Gas	180	Grange Coffee Shop
179	Winnipeg & Central Gas	179	Ginn's Grill
178	Winnipeg & Central Gas	178	Food & Fresh
177	Winnipeg & Central Gas	177	Yuberted Co-operatives
176	Winnipeg & Central Gas	176	Exchange Cafe
175	Winnipeg & Central Gas	175	Homination Poultry
174	Winnipeg & Central Gas	174	Income Tax
173	Winnipeg & Central Gas	173	Customs & Excise
172	Winnipeg & Central Gas	172	Dept. of National Revenue
171	Winnipeg & Central Gas	171	De Luxe Hairdressers
170	Winnipeg & Central Gas	170	Day Nursery
169	Winnipeg & Central Gas	169	Glade Neon-Robby Kestor
168	Winnipeg & Central Gas	168	Olive Lench
167	Winnipeg & Central Gas	167	Olive Employees
166	Winnipeg & Central Gas	166	Children's Aid Society
165	Winnipeg & Central Gas	165	Grain Apparel
164	Winnipeg & Central Gas	164	Canadian Wheat Board
163	Winnipeg & Central Gas	163	Canadian Sportswear
162	Winnipeg & Central Gas	162	Canadian Shirt & Overalls
161	Winnipeg & Central Gas	161	Canadian Red Cross
160	Winnipeg & Central Gas	160	Canadian General Electric
159	Winnipeg & Central Gas	159	Canadian Garment
158	Winnipeg & Central Gas	158	Canadian Broadcasting Corp.
157	Winnipeg & Central Gas	157	Can. Aviation Electronics
156	Winnipeg & Central Gas	156	Dir. Saddleby
155	Winnipeg & Central Gas	155	Belmore Children's Wear
154	Winnipeg & Central Gas	154	Adlow's Wholesale
153	Winnipeg & Central Gas	153	Adlow's Retail
152	Winnipeg & Central Gas	152	Armstrong Cork
151	Winnipeg & Central Gas	151	A. & P. Foods
150	Winnipeg & Central Gas	150	Allen, A.A. & Co.
149	Winnipeg & Central Gas	149	Ask Turk Fuel
148	Winnipeg & Central Gas	148	Asens Roofing
147	Winnipeg & Central Gas	147	Mentally Incapable
146	Winnipeg & Central Gas	146	Administrator of Estates of
145	Winnipeg & Central Gas	145	Adme Garments

Total number of X-rays taken at City Hall during 1957 for Survey and Individual.

TUBERCULOSIS CONTROL

PRE-EMPLOYMENT FILMS TAKEN AT CITY HALL

A. & P. Foods	30	Kimberley-Clark	23
Bristol Aircraft Ltd.	180	Kindergarten Teachers	2
Canada Packers	48	Lever Brothers	7
Canadian Aviation Electronics	47	Manitoba Club	14
Canadian Fire Insurance	34	Manitoba Power Commission	2
Canadian Garment	1	Manitoba Telephone System	622
Canadian Industries Ltd.	14	Marshall Wells	20
Canadian Liquid Air	1	Moore Business Forms	58
Canadian Pacific Railway	754	Moore Nursing Home	1
Canadian Westinghouse	27	McColl-Frontenace	11
Canadian Wheat Board	53	McLean, G. Co.	28
Christie Brown	47	New Nanking	1
Civic Employees	395	Paulin Chambers	136
Coca Cola	1	Royal Bank of Canada	213
Dept. of National Revenue	47	Royal Trust	8
Dominion Poultry	38	St. Regis Hotel	4
Dupont	6	Shop-Easy	5
Eaton's	1,197	Telecable & Wire	31
Federated Co-operatives	11	Toronto Dominion Bank	1
Great West Life	248	Trans Canada Fur Dressers	3
Greater Wpg. Transit Com.	119	Tuckett's Tobbaco	1
Greater Wpg. Water District	11	Victorian Order of Nurses	7
Hudson Bay House	21	Weston's Bakeries	27
Hudson Bay Store	4	Winnipeg & Central Gas	137
Imperial Bank	1	Winnipeg Electric Company	193
Imperial Tobacco	21	Winnipeg School Board	288
International Harvesters	72		

Total number of Pre-employment films taken at City Hall during 1957..... 5,271

Total X-rays taken at City Hall for Surveys, Individuals and Referred by Doctor during 1957.....10,188

Total X-rays taken at City Hall during 1957.....15,459

OUTSIDE AND INDUSTRIAL SURVEYS - 70 mm. Unit

PUBLIC SCHOOL CHILDREN

Churchill High.....	1,054
Daniel McIntyre.....	977
Gordon Bell.....	460
Isaac Newton.....	579
Kelvin.....	856
Lord Selkirk.....	1,084
St. John's Tech.....	688
Technical Vocational.....	782

SEPARATE SCHOOLS & COLLEGES

Manitoba Technical Institute..	644
Sucess Commercial College.....	281

Total number of Public School Children X-rayed..... 6,480

Total number of Private School Children X-rayed..... 925

Total number of School Children X-rayed during 1957..... 7,405





X-RAY EXAMINATIONSOUTSIDE AND INDUSTRIAL SURVEYS - 70 mm. Unit

Alpha Manufacturing	196	Manitoba Telephone System	1,624
Bank of Montreal	227	Marlborough Hotel	180
Bank of Nova Scotia	672	Master Textiles	98
Bonar Bemis Ltd.	268	Merchant's Consolidated	259
Bristol Aircraft Ltd.	919	Mitchell Copp	274
British American Oil	90	Monarch Wear	395
Brown & Rutherford	100	Moore's Business Forms	201
Burns & Co. Ltd.	524	Moore's Taxi	65
Canada Bread	139	Motor Coach Industries	252
Canada Malting	214	McDonald Brothers Sheet Metal	249
Canada Packers	948	National Drugs	118
Canada West Shoe	153	National Motors	195
Canadian Aviation Electronics	147	Northern Electric	91
Canadian Broadcasting Corp.	306	Northwest Laundry	66
Canadian General Electric	94	Paris Building	445
Canadian Red Cross	64	Parkhill Bedding	155
Canadian Westinghouse	133	Peerless Laundry	123
Canadian Wheat Board	595	People's Co-operative Ltd.	117
Carling's Brewery	250	Perth's Laundry	395
Carter Motors	250	Police Department	569
Case, J. I.	216	Post Office	433
Central Police Station	251	Quinton's Limited	78
Christie Brown	131	Ray-O-Vac	124
Civic Employees	1,177	Rice Sportswear	98
Civic Servants	1,159	Rumford's Ltd.	113
Coca Cola	97	St. Regis Hotel	127
Cockshutt Plow	82	Scott Memorial Hall	400
Community Chevrolet	96	Shea's Brewery	187
Crane Limited	423	Sherwin-Williams	150
Crescent Creamery	132	Silverwood's Dairies	130
Curry Building	628	Simmon's Limited	101
Diecast Products	194	Somerset Building	490
Dominion Motors	415	Standard Aero Engine	310
Dominion Public Bldg.	543	Standard Dairies	113
Eaton's	7,364	Steven's & Sons	242
Fleming Pedlar	127	Stovel Advocate	254
General Steelware	97	Swift Canadian Co. Ltd.	653
Goldenberg Manufacturing	56	Trans Canada Airlines	1,160
Greater Wpg. Transit Commission	681	Trans Canada Fur Dressers	114
Gypsum, Lime & Alabastine	159	Tribune	242
Headingly Goal	337	Underwood	965
Hecht, J. H. & Son	94	Victoria Leather	126
Hercules Manufacturing	96	Vulcan Iron	268
Hilton Brothers	205	Walter Woods	71
Hudson Bay House	277	Western Flyer Coach	156
Imperial Oil	163	Western Furnace & Roofing	197
International Harvesters	157	Western Glove	160
Kimberley-Clark	60	Western Gypsum Products	103
Kingdon Printing	140	Weston's Bakeries	182
Liquor Control Commission	247	Winnipeg & Central Gas	679
Manitoba Hospital Service Assoc.	122	Wood, J.	118
Manitoba Power Commission	456	Woods Manufacturing	126
Manitoba Technical Institute	417	Y.M.C.A.	571
Total X-rays taken on Industrial Surveys (70 mm. Unit)-Industries.			38,200
		Schools....	7,405
Total X-rays taken at City Hall (4 x 5 Unit).....			<u>15,459</u>
Total No. Chest X-ray films taken in City during 1957.....			<u>61,064</u>





MEDICAL AND NURSING SERVICES

SUPERVISORY REPORT

Conference in District Office (staff) .....	2,579
Conference in District Office (other than staff) .....	286
Supervisory visits (home, school, child health centre, pre-natal class .....	298
Meetings (District Office Staff) .....	79
Meetings (Supervisory or other) .....	100
Inspection for licensing of boarding homes .....	89

CHILDREN EXAMINED FOR FRESH AIR CAMPS

Camp Morton .....	278
Anglican Camp .....	53
Salvation Army Camp .....	265
C.G.I.T. ....	105
Y.M.C.A. ....	235
Y.W.C.A. ....	145
Camp Playmore .....	174
United Church Camp .....	486
Camp Funland .....	172
Camp Frailach .....	159
Logan Neighbourhood House .....	84
Lakeside Camp .....	<u>162</u>

TOTAL ..... 2,248





VICTORIAN ORDER OF NURSES SERVICE SUMMARY FOR THE YEAR 1958

Total number of new cases .....	2,341
Nursing Care Visits:	
Pre-Natal .....	57
Post-Natal .....	56
Newborn .....	559
Infant .....	81
Pre-School .....	88
School .....	72
Adult .....	36,222
Health Instruct Visits:	
Pre-Natal .....	32
Post-Natal .....	531
Newborn .....	546
Infant .....	618
Pre-School .....	80
School .....	28
Adult .....	596
Not Seen .....	631
On behalf of patient .....	<u>26</u>
TOTAL .....	40,223



THE HEALTH OF THE PEOPLE OF THE DISTRICT OF COLUMBIA

Total number of new cases .....

During Case Visits:

Pre-Natal	.....
Post-Natal	.....
Newborn	.....
Infant	.....
Pre-School	.....
School	.....
Adult	.....

Health Inspectors' Visits:

Pre-Natal	.....
Post-Natal	.....
Newborn	.....
Infant	.....
Pre-School	.....
School	.....
Adult	.....

Not seen .....

On basis of reports .....

Total .....

DIVISION OF CHILD MEDICAL SERVICES

Accidents Reviewed

Total accidents reported by Principal and Nurse ..... 959

<u>Communicable Diseases in School Children</u>	<u>1956</u>	<u>1957</u>
Total number of Chickenpox .....	141	146
Total number of Measles .....	147	387
Total number of Mumps .....	143	60
Total number of Scarlet Fever .....	27	37
Total number of Whooping Cough .....	25	8
Total number of Poliomyelitis .....	1	2

Report on Health Inspection of School Children by Public Health Nurse

Pupils examined in Health Service Rooms by nurses .....		32,625
Exclusion from school .....	4,007	
Miscellaneous .....	2,481	
Pediculosis .....	176	
Skin conditions .....	623	
Suspect communicable disease .....	727	
Others for admission and re-admission .....	2,336	
Treatments given, accidents, etc. ....	14,794	
Children prepared for complete physical .....	11,488	
Classroom inspections by school nurse .....		2,290
General .....	2,140	
Acute Communicable .....	150	
Conferences re pupils by nurse .....		89,810
With pupil .....	55,000	
With parent .....	15,823	
With teacher .....	2,883	
With others .....	15,270	
District Conferences .....	106	
Group teaching in classroom .....	728	
Home visits to school children made by nurses (exclusive of communicable disease visits) .....		4,940





DIVISION OF PUBLIC HEALTH NURSES

Personal Services to Patients by Public Health Nurses  
(Including visits and instruction by telephone from District Office)

	<u>HOME</u>	<u>DISTRICT OFFICE</u>
Health: Newborn .....	5,440	124
Under 1 year .....	4,766	734
Pre-school children .....	8,532	715
School children .....	5,841	1,029
Adults .....	5,437	560
Pre-Natal .....	515	213
Post-Natal .....	5,381	109
Attendance at Pre-Natal Class .....	-	2,628
Morbidity: Tuberculosis .....	888	301
Acute Communicable .....	404	39
Non-communicable .....	688	42
Unclassified: Not found .....	4,113	105
Not taken under care .....	125	2
Special activity .....	<u>507</u>	<u>61</u>
TOTALS	42,637	6,662



DIVISION OF PUBLIC HEALTH SERVICE

Annual Report of the Division of Public Health Service for the year ending 1914  
(Including Statistics of Diseases and Mortality in the State of New York)

Year	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900
Deaths	12,500	12,800	13,200	13,500	13,800	14,100	14,400	14,700	15,000	15,300	15,600	15,900	16,200	16,500	16,800
Under 1 year	4,500	4,600	4,700	4,800	4,900	5,000	5,100	5,200	5,300	5,400	5,500	5,600	5,700	5,800	5,900
Pre-school children	3,000	3,100	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	4,000	4,100	4,200	4,300	4,400
School children	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Adults	6,500	6,700	7,000	7,200	7,400	7,600	7,800	8,000	8,200	8,400	8,600	8,800	9,000	9,200	9,400
Male	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	4,000	4,100	4,200	4,300	4,400	4,500	4,600
Female	3,300	3,400	3,600	3,700	3,800	3,900	4,100	4,100	4,200	4,300	4,400	4,500	4,600	4,700	4,800
Post-natal	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Pre-natal	3,500	3,700	4,000	4,200	4,400	4,600	4,800	5,000	5,200	5,400	5,600	5,800	6,000	6,200	6,400
Infants	1,500	1,600	1,700	1,800	1,900	2,000	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900
Children	2,000	2,100	2,300	2,400	2,500	2,600	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400	3,500
Adults	1,000	1,100	1,300	1,400	1,500	1,600	1,700	1,800	1,900	2,000	2,100	2,200	2,300	2,400	2,500
Male	500	500	600	600	600	600	600	600	600	600	600	600	600	600	600
Female	500	600	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600	1,700	1,800	1,900
Unclassified	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Total	12,500	12,800	13,200	13,500	13,800	14,100	14,400	14,700	15,000	15,300	15,600	15,900	16,200	16,500	16,800

DIVISION OF CHILD MEDICAL SERVICES

OCULIST'S REPORT

Number of clinics held .....	262
Number of children examined:	
New .....	591
Re-examined .....	418 .....
	1,009
1. Refractions completed .....	583
2. Refractions not completed .....	298
3. Refractions not needed .....	50
4. Returned for observation .....	92
Completed refractions .....	569
Not needing glasses .....	138
Glasses prescribed .....	370
No change in prescription .....	61
Children found with 1/3 or less of normal vision with glasses .....	5
Glasses discontinued .....	6
Out-Patient Consultations .....	1,385
Referred to Orthoptic Clinic .....	41

AUDIOMETRY REPORT

Number of children tested .....	5,743
First tests .....	4,806
Re-tests .....	937
Number of defects .....	276
Teachers and others tested .....	1,078



DIVISION OF CHILD MEDICAL SERVICES

OCULIST'S REPORT

Number of clinics held .....

Number of children examined: .....

Re-examined .....

1. Refractions completed .....

2. Refractions not completed .....

3. Refractions not needed .....

4. Returned for observation .....

Completed refractions .....

Not needing glasses .....

Glasses prescribed .....

No change in prescription .....

Children found with (A) or loss of normal vision with glasses .....

Glasses discontinued .....

Out-patient consultation .....

Referred to Orthoptic Clinic .....

AUDITION REPORT

Number of children tested .....

First tests .....

Number of defects .....

Teachers and others tested .....

DIVISION OF PUBLIC HEALTH NURSING

Child Health Centres

No. of Child Health Centres .....	10
No. of Child Health Centre sessions held .....	426
No. of new babies admitted .....	1,664
Infants .....	1,248
Pre-school .....	416
Total attendance at sessions .....	19,649
Infants .....	9,228
Pre-School .....	10,421
No. of doctors' examinations .....	1,932
Infants .....	1,493
Pre-school .....	439
No. of doctors' consultations with mothers .....	216
No. of home visits re child hygiene (birth registrations, etc.)	24,867
No. of immunizations by doctors at Child Health Centres .....	14,438

ATTENDANCE AT CHILD HEALTH CENTRES

Harrow United .....	2,398 for 41 afternoons
St. Matthews .....	2,630 for 42 afternoons
St. Judes .....	2,326 for 44 afternoons
Sparling .....	897 for 41 afternoons
St. Andrews .....	2,190 for 43 afternoons
Holy Trinity .....	1,743 for 45 afternoons
Chalmers .....	1,571 for 42 afternoons
Mount Carmel Clinic .....	1,004 for 42 afternoons
Robertson House .....	3,164 for 44 afternoons
Stella Mission .....	1,726 for 42 afternoons

Physical Examinations of School Children

1. Total number of children examined by medical examiners .....	6,856
2. Total number of children with one or more defects .....	3,401
3. Total number of children with defects for which treatment has been completed or provided for .....	576
4. Total number of children examined by doctor for special reasons .....	635
5. Total number of parents invited to physical examination .....	3,668
6. Total number of parents present at physical examination .....	2,223



Table 1. Summary of data for the year 1955

TABLE 1

No. of investigations by doctors in Public Health Centers	1,000
No. of cases which resulted from these investigations	150
No. of doctors' consultations with patients	2,500
No. of hospital examinations	1,200
Local prevalence of disease	10%
No. of hospital admissions	300
No. of deaths	50
No. of cases which resulted from these investigations	150
No. of investigations by doctors in Public Health Centers	1,000

Table 2. Summary of data for the year 1956

Public Health Centers	100
Investigations by doctors	1,000
Local prevalence of disease	10%
Investigations by doctors	1,000
Local prevalence of disease	10%
Investigations by doctors	1,000
Local prevalence of disease	10%
Investigations by doctors	1,000
Local prevalence of disease	10%
Investigations by doctors	1,000
Local prevalence of disease	10%

Table 3. Summary of data for the year 1957

Public Health Centers	100
Investigations by doctors	1,000
Local prevalence of disease	10%
Investigations by doctors	1,000
Local prevalence of disease	10%
Investigations by doctors	1,000
Local prevalence of disease	10%
Investigations by doctors	1,000
Local prevalence of disease	10%
Investigations by doctors	1,000
Local prevalence of disease	10%

ANNUAL REPORT 1957  
CHILD DENTAL SERVICES  
HEALTH DEPARTMENT CITY OF WINNIPEG

During the Spring of 1957 the Health Committee of the City Council and a Committee of Dentists, appointed by the Winnipeg Dental Society, reviewed the operation of the School Dental Clinic located in the School Board Office building. Recommendations were made for the appointment of a full time dental director with public health training, to re-organize and establish the School Dental Service on a more efficient and satisfactory working basis, and to take full advantage from the benefits of the expenditure of this service, in promoting and improving the dental health of the City's school children. In mid-August of 1957 Dr. C.H. McCormick was appointed full time director of Child Dental Services for the City of Winnipeg.

A review of the dental services resulted in the following program being instituted. In order to establish a definite plan for dental treatment in the City, a policy was adopted to give as complete as possible coverage of all indigent children in Grade I throughout the City, and all other indigent children to be treated on an emergency basis only. This policy was adopted as a result of the present shortage of dentists on staff and also to expand the benefits of a dental program on a systematic basis. With this scheme dental appointments are booked three weeks in advance and a long waiting list of this age group await allocation of appointment times.

The staff of the Child Dental Services consists of a Director, seven dentists hired on a three hour session basis per day, three clerks and one part-time dental assistant.





The dentists on staff are all members of the Winnipeg Dental Society, three who have retired from private practice (Drs. Morrison, White and Wright); the remaining four have been generous enough to allot time from their private practices (Drs. O.R. Sarchuk, J. Slogan, A. LaChance, and A. Pommer). Dr. R.W. Scott retired from the staff of the Dental Services in June of this year. The Child Dental Services budget for 1957 provided for 942 dentist sessions.

The Winnipeg School District includes some 45,000 school children, with a Central Dental Clinic located in the School Board Offices Building, to attend to the needs of all indigent and underprivileged children of this group. As of October, 1957, there were 6,300 dental charts on file (kindergarten to Grade VI inclusive). A review of the patients submitting for treatment during the month of September, revealed 81% classified to be eligible, as indigents, for treatment in the Clinic. Beginning in October, all patients accepted for treatment were indigent as classified by the school nurse and by a signed statement by the parents.

Results of a Grade I survey made during October and November, 1957, which included 22 schools selected at random and a total of 1,669 children examined, showed that 429 parents requested the City's treatment facilities. Screening of this group by the school nurse reduced this number to 329, leaving 19% still classed as eligible for City Dental Services. There are approximately 7,000 Grade I children in the City of Winnipeg. Using the above percentage it would suggest there are 1400 Grade I children alone needing financial assistance for dental work.

An average child of six years, having never visited a dentist, requires a minimum of 2 hours dental work (U.S.P.S.). This particular group of indigent children would require 933 dental sessions to be placed in a dentally fit condition;





the 1957 budget allows for 942 sessions for the entire elementary school system. On the basis that Grade I represents one sixth of the elementary school population, the established minimum number of sessions required would be 5,598 or the services of 12 full time dentists. Four times the present establishment would be necessary to give adequate coverage of the indigent group of children in the elementary grades.

During the school examinations in 1957 a dental education kit was distributed to the Grade I teachers, prepared and issued by the Department of Health and Welfare of the Province of Manitoba. The dentists of the school clinic availed themselves as consultants in aiding and promoting dental health programs that teachers cared to institute, in attending Home and School meetings, as well as in other speaking engagements. The school examinations also revealed that 57% of the Grade I children were visiting a family dentist, but not necessarily having all dental work done or completed.

School Dental Treatment Service, 1957

	<u>TOTAL</u>
Patients treated .....	3,572
Completed patients .....	2,136
Teeth filled .....	2,618
Teeth extracted .....	2,078
Deciduous 1,534 Permanent 544	
Missed appointments (Sept. - Dec.)...	108
New patients entering clinic .....	1,593

Prevention and control is the answer to the dental disease problem, and this must of necessity begin early with the young child. Most children, at present, are not receiving dental supervision in time to obtain the benefits of prevention. The objective of the School Dental Program is to foster and encourage





all aspects of improving the condition through dental education, motivation and early dental treatment, and supervision by the Family Dentist where possible, but when the child is indigent, through the facilities of the City's Dental Clinic.

Dental care, commencing at an early age, and furnished on an annual incremental basis, requires less service time than meeting accumulative needs, and therefore makes for more effective utilization of available dental personnel.

It is of little value, year after year, to discover and announce that a child has defective teeth, vision, hearing, etc., if nothing is done to correct the defect. With our present limited dental resources, it is important that one start out in an organized manner and one from which, as time passes, a larger and more effective dental program will develop.



Aspects of improving the condition through dental education, motivation and early dental treatment, and supervision by the family dentist where possible, was the only is inherent, through the facilities of the State dental

Dental care, commencing at an early age, and furnished on an annual or semi-annual basis, requires less service time than meeting accumulative needs, and therefore makes for more effective utilization of available dental personnel.

It is of little value, year after year, to discover and announce that a child has defective teeth, vision, hearing, etc., if nothing is done to correct the defect. With our present limited dental resources, it is important that one start out in an organized manner and one from which, as time passes, a larger and more effective dental program will develop.

REPORT OF SCHOOL MEDICAL SERVICES, 1957 - 1958

As pointed out in the previous report (1956-1957), the mass periodic examination of school children has been largely eliminated because we have felt it was wasteful of time and personnel and the results obtained were of comparatively little value. An examination done by the family physician is much more valuable and we have experienced first class cooperation with the medical profession in obtaining information which might affect the child's school health. This spirit of cooperation has been encouraged by relaying to the family doctor, information in regard to a child's health which has come to our attention and which we feel the child's physician should know.

The present program, in brief, includes:

- 1) Examination of all school entrants who have not been examined by a private physician. (approximately 50% of all entrants).
- 2) Yearly check of vision.
- 3) Hearing tests with department audiometer by City Health Department audiometrist on all Grade IV pupils and any others referred by teacher, principal or school nurse, or requested by private or school physician. More than 1,000 such tests were done from April 1 to June 30, 1958.
- 4) Medical interview of Grade VII and Grade X pupils selected from results of an annual medical questionnaire. Only those presenting health problems which might interfere with their school attendance or performance are seen. The emphasis is on problems of vision, hearing, heart disease, epilepsy, diabetes, physical disability and frequent illness causing an undue amount of absenteeism. It has been our experience that approximately 47% of all school children in Grades VII and X are seen by private doctors at least once a year.
- 5) Any school child referred by principal, teacher or school nurse.
- 6) A continuing program of immunization clinics against Diphtheria, Tetanus, Whooping Cough and Poliomyelitis.
- 7) An educational program including specially prepared articles for school teachers' bulletins and meetings with school teachers on the subject of school health.
- 8) A registry maintained in the City Health Department with the assistance of a Dominion-Provincial Health Grant of all handicapping conditions affecting school children.
- 9) Medical review by conference with public health workers, Child Guidance Clinic and appropriate medical specialists of school children with serious hearing and vision problems. Recommendation for special vision class has been made in eighteen cases and a special class for these seriously handicapped children is now in operation.

A statistical breakdown of the results of medical questionnaires and interviews by school nurse and doctor is attached.

Respectfully submitted,

Harry Medovy, M.D.  
Consultant Child Care Services.



REPORT OF THE COMMITTEE ON THE STATE OF THE STATE OF NEW YORK

As pointed out in the previous report (1926-1927), the most serious condition of the State is the lack of a comprehensive system of public health. The State has no organized health department, and the various health agencies are scattered and uncoordinated. The State has no organized system of public health, and the various health agencies are scattered and uncoordinated. The State has no organized system of public health, and the various health agencies are scattered and uncoordinated.

The present program, in brief, includes:

- 1) Examination of all school children who have not been examined by a private physician, approximately 50% of all children.
- 2) Early check of vision.
- 3) Health talks with department employees by Dr. J. J. Leonard, health officer of all State hospitals and any other health officer, municipal or school nurse, or physician on school grounds. One hour, 1:00 each week, were held from April 1 to June 30, 1928.
- 4) Medical histories of grade VII and grade VIII pupils selected from results of an annual medical examination. Only those presenting health problems were selected. The pupils were then taken to the health department for a complete physical examination. The pupils were then taken to the health department for a complete physical examination. The pupils were then taken to the health department for a complete physical examination.
- 5) How school child referred by principal; teacher or school nurse.
- 6) A continuing program of investigation clinics against tuberculosis, typhoid, scarlet fever, and diphtheria.
- 7) An inter-school program including specially prepared articles for school health officers and teachers with special emphasis on the subject of school health.
- 8) A register maintained in the State Health Department with the assistance of a school physician, listing first names of all participating conditions attending school children.
- 9) Health talks by conference with public health workers, State Health Department, and other health agencies of school children with various health and vision problems. Recommendation for special vision class has been made in the past and a special class for these children has been organized in the past.
- 10) A special program of the results of medical examinations and history of school children and doctors is attached.

Respectfully submitted,

Larry Roberts, M.D.

RESULTS OF GRADE VII HEALTH CHECK LIST

	<u>NORTH</u>	<u>WEST</u>	<u>SOUTH</u>	<u>EAST</u>	<u>TOTAL</u>	<u>%</u>
No. of Grade VII pupils	875	742	785	701	3,103	100 %
No. having private doctor exam	394	285	538	262	1,479	47.7
No. parents requesting exam	67	102	-	36	205	9.6
No. reporting vision defects	110	63	69	56	298	9.6
No. pupils wearing glasses	186	98	74	112	470	15.1
No. having glasses changed	58	38	26	28	150	4.8
No. receiving new glasses	32	52	33	41	158	5.1
No. headaches due to vision	9	22	11	10	52	1.7
No. reporting hearing defects	32	11	17	16	76	2.4
Hearing defects found after test	9	5	4	1	19	.6

RESULTS OF GRADE X HEALTH CHECK LIST

	<u>NORTH</u>	<u>WEST</u>	<u>SOUTH</u>	<u>EAST</u>	<u>TOTAL</u>	<u>%</u>
No. of Grade X pupils	521	901	567	430	2,419	100 %
No. having private doctor exam	279	356	290	215	1,140	47.1
No. having private dental exam	351	461	410	293	1,515	62.6
No. wearing glasses	160	241	144	152	697	28.8
No. requiring new glasses	39	65	26	57	187	7.7
No. requiring glasses first time	45	63	20	21	149	6.2
Headaches due to vision	5	9	1	2	17	.7
Organic hearing defects	0	2	4	1	7	.3
Temporary hearing defects	2	1	3	2	8	.3

In addition, the following figures are also of interest:

Number of school children (excluding parochial)	41,000
Treatments given in schools, accidents, etc.	4,765
School children examined by school physician	4,168
Classroom inspections by City Health nurse	613
Accidents in schools	299
Children specially referred for school physician examination	197
No. of parents attending examination of child	909
No. of doctor's visits to schools (2 hour session)	196
No. of home visits by school nurse re school children	1,664
No. of parochial schools visited by nurse	11





REPORT OF WELFARE INSTITUTIONS 1957

I NURSING HOMES AND BOARDING CARE HOMES

No. of nursing homes 24

No. of boarding care homes 6

Total number of public cases in Nursing Homes and

Boarding Care Homes 521

II CHILD CARING INSTITUTIONS

No. of Day Nurseries 5

No. of Nursery Schools 13

No. of Foster Homes, Hostels, etc. 11

TOTAL 39

Average monthly attendance 1,153



THE UNIVERSITY OF CHICAGO

RESEARCH REPORT

No. of research papers  
No. of working days

Total number of results cases in working papers  
Working days

RESEARCH RESULTS

No. of results cases  
No. of research papers  
No. of working days, hours, etc.

Results cases

ANNUAL REPORT - 1957I N S P E C T I O N S   B R A N C H

Dairy	Principal Inspector	R. Bentham	Cert. R. San. 1.
Food	" "	R.C. Morrow	D.V.M., C.S.I.(C)
Housing	" "	G.W. Kelly	Cert. R. San. 1, C.S.I.(C)
Sanitation & Hygiene	" "	A. Cross	Cert. R. San.1, C.S.I.(C)
Laboratory	Senior Technician	H. Robinson	Cert. R. San. 1.
Chief Health Inspector		E.J. Rigby	D.V.M., B.S.A. C.S.I.(C)

The work of the Branch during the year was curtailed to some extent by a shortage of staff. The shortage existing at the start of the year was aggravated by the resignations of four experienced Health Inspectors. When it was found that qualified inspectors were not available for hire, authority was obtained to conduct a training course for sanitary inspectors. In co-operation with the Provincial Departments of Education and Health plans were made to conduct a course starting early in 1958 for fifteen students at the Manitoba Technical Institute.

HOUSING DIVISION:

Late in 1956 the Zoning By-law was amended to provide, effective January 1957, that enforcement of all provisions of the By-law would be the responsibility of the Commissioner of Buildings. Concurrent with this change the establishment for Health Inspectors was reduced by three. One Health Inspector, experienced in certain phases of the Zoning By-law was transferred to the Engineering Department. This transfer of work permitted this department to give closer attention to the enforcement of Public Health Act regulations respecting "rooming and lodging houses". These regulations enacted late in 1956 enabled the department to take measures to improve housing conditions in the City. The detailed report of the Housing Division will indicate that considerable progress was made.

DAIRY DIVISION:

Improvement in the quality of milk shipped and the sanitary condition of milk producer's premises continued. Frequent testing of samples of milk and cream sold in the City indicated that the supply is safe and of the highest quality. The handling of milk on producer's premises and hauling of it by bulk tanks was introduced with considerable success during the year. Probably due to the efficient cooling of the milk in bulks tanks and the keeping of contamination to a minimum the quality of milk handled in bulk by tanks and trucks has been very good. Regulations governing the installation and operation of bulk tanks were drafted in co-operation with the Dairy Commissioner of Manitoba.

All milk and cream sold for consumption in Winnipeg is now pasteurized. The only distributor of raw milk ceased operation as a producer-distributor and is now operating as a producer shipping his milk to a pasteurization plant.



ANNUAL REPORT - 1957

INSPECTOR'S BRANCH

Chief Health Inspector	E. J. Rigby	D.V.M., B.S.A. C.S.I.(C)
Senior Technician	H. Robinson	Cert. R. San. I.
Sanitation & Hygiene	A. Cross	Cert. R. San. I., G.S.I.(C)
	G.W. Kelly	Cert. R. San. I., G.S.I.(C)
	R.C. Morrow	D.V.M., G.S.I.(C)
	R. Bentham	Cert. R. San. I.

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Late in 1956 the Zoning By-law was amended to provide, effective January 1957, that enforcement of all provisions of the By-law would be the responsibility of the Commissioner of Buildings. Concurrent with this change the establishment for Health Inspectors was reduced by three. One Health Inspector experienced in certain phases of the Zoning By-law was transferred to the Engineering Department. This transfer of work permitted this department to give closer attention to the enforcement of Public Health Act regulations respecting "rooming and lodging houses". These regulations enacted late in 1956 enabled the department to take measures to improve housing conditions in the City. The detailed report of the Housing Division will indicate that considerable progress was made.

DAIRY DIVISION:

Improvement in the quality of milk shipped and the sanitary condition of milk producer's premises continued. Frequent testing of samples of milk and cream sold in the City indicated that the supply is safe and of the highest quality. The handling of milk on producer's premises and hauling of it by milk tanks was introduced with considerable success during the year. Probably due to the efficient cooling of the milk in milk tanks and the keeping of containers to a minimum the quality of milk handled in bulk by tanks and trucks has been very good. Regulations governing the installation and operation of bulk tanks were drafted in co-operation with the Dairy Commissioner of Ontario. All milk and cream sold for consumption in Winnipeg is now pasteurized. The only distributor of raw milk ceased operation as a producer-distributor and is now operating as a producer shipping his milk to a pasteurization plant.

INSPECTIONS BRANCH  
FOOD DIVISION

January to December 1957

INSPECTIONS BRANCH  
(Cont'd)

Inspections    Contacts

Hotels.....	1	18
Restaurants.....	573	88
Beer parlors.....	284	101
Hotel kitchens.....	21	31
<b>FOOD DIVISION:</b>	86	20
.....	826	35

Effective March 1, 1957, the Liquor Control Act provided four types of liquor outlets in addition to beer parlors which had been in operation for many years. The amendments to the Act made provision for several types of outlets all of which were required to have food available for consumption on the premises. Arrangements were made with the Liquor Control Commission providing that all liquor outlets must meet satisfactory standards and be approved by the Medical Health Officer or his representatives before a license to operate was issued. This involved a considerable increase in work for the Food Division. Progress was made in improving sanitary conditions in restaurants and other food handling establishments. We are pleased to report that food poisoning outbreaks were limited to one or two persons at a time and no outbreaks occurred in the City involving a group of people.

SANITATION AND HYGIENE DIVISION:

The work of the division is covered in some detail in the report prepared by Principal Inspector A. Cross. A considerable number of complaints concerning nuisances created by pigeons were received during the year. Methods for combatting this alleged nuisance were given careful consideration by the Health Committee, who authorized late in 1957 that one of our inspectors be granted permission to shoot pigeons in localities where such birds were creating a nuisance.

Reports dealing with the activities of the various divisions follow.

E. J. Rigby,  
CHIEF HEALTH INSPECTOR.

Bacteriological tests (June 1 to Dec. 31)

No. Premises    No. Samples

Restaurants, Beer parlors, Hotel kitchens.....	405	2,626
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REPORTS BRANCH  
(cont'd)

FOOD DIVISION:

Effective March 1, 1957, the Liquor Control Act provided four types of liquor outlets in addition to beer parlors which had been in operation for many years. The amendments to the Act made provision for several types of outlets all of which were required to have food available for consumption on the premises. Arrangements were made with the Liquor Control Commission providing that all liquor outlets must meet sanitary standards and be approved by the Medical Health Officer or his representatives before a license to operate was issued. This involved a considerable increase in work for the Food Division. Progress was made in improving sanitary conditions in restaurants and other food handling establishments. We are pleased to report that food poisoning outbreaks were limited to one or two persons at a time and no outbreaks occurred in the City involving a group of people.

SAFETY AND HEALTH DIVISION:

The work of the Division is covered in some detail in the report prepared by Principal Inspector A. Cross. A considerable number of complaints concerning nuisances created by pigeons were received during the year. Methods for combating this alleged nuisance were given careful consideration by the Health Committee who authorized late in 1957 that one of our inspectors be granted permission to shoot pigeons in localities where such birds were creating a nuisance.

Reports dealing with the activities of the various divisions follow.

E. J. Mady,  
CHIEF HEALTH INSPECTOR.

I N S P E C T I O N S B R A N C H

FOOD DIVISION

January to December 1957

	<u>Inspections</u>	<u>Contacts</u>
Abattoirs.....	1	18
Bakeries.....	533	88
Beer parlors.....	264	101
Bottling plants.....	21	31
Candy manufacturers.....	56	20
Canteens.....	226	55
Caterers.....	157	59
Cereal mills.....	12	36
Dance halls (banquet).....	200	8
Fish and chips.....	11	7
Fish-filleting, cold storage, etc.....	36	56
Frozen food locker plants.....	19	9
Ice cream parlors.....	28	35
Ice houses and depots.....	14	5
Pickle and vinegar factories.....	12	11
Poultry slaughterhouses.....	61	44
Producer's markets, vegetable stalls.....	29	42
Restaurants.....	4,260	866
Retail food stores, grocers, butchers, etc.....	3,451	433
Sausage factories.....	155	79
Wholesale-groceries, vegetables.....	103	42
Vehicles.....	69	19
Fires in food establishments.....	47	87
Vending machines.....	44	6
Special calls.....	275	64
Hospital kitchens.....	2	5
Lectures.....	5	
Miscellaneous calls.....	86	50
Plans approved.....		111
Complaints.....		249
<u>Notices:</u>		
Verbal.....	3,059	
Written.....	617	
<u>Samples examined:</u>		
Food.....	1,534	
Ice.....	3	
Water.....	5	
Prosecutions.....		1
<u>Bacteriological tests (June 1 to Dec. 31)</u>		
Restaurants, Beer parlors, Hotel kitchens	465	2,626



INSPECTIONS

FOOD DIVISION

January to December 1937

Inspections	Contacts
1	18
233	88
204	101
21	31
26	20
226	22
157	29
12	36
200	8
11	7
26	26
19	9
28	32
14	2
12	11
61	44
29	42
4,260	866
3,431	433
152	79
103	42
69	19
47	87
44	6
275	64
2	2
2	2
86	50

- Abattoirs.....
- Bakeries.....
- Beer parlors.....
- Bottling plants.....
- Candy manufacturers.....
- Canteens.....
- Caterers.....
- Cereal mills.....
- Dance halls (banquet).....
- Fish and chips.....
- Fish-lifts, cold storage, etc.....
- Frozen food locker plants.....
- Ice cream parlors.....
- Ice houses and depots.....
- Pickle and vinegar factories.....
- Poultry slaughterhouses.....
- Producer's markets, vegetable stalls.....
- Restaurants.....
- Retail food stores, grocers, butchers, etc.....
- Sausage factories.....
- Wholesale-groceries, vegetable.....
- Vehicles.....
- Pies in food establishments.....
- Vending machines.....
- Special calls.....
- Hospital kitchens.....
- Lectures.....
- Miscellaneous calls.....

Plans approved..... 111

Complaints..... 249

Notices:

Verbal..... 3,059

Written..... 617

Samples examined:

Food..... 1,231

Ice..... 3

Water..... 2

Inspections..... 1

Bacteriological tests (June 1 to Dec. 31)

No. Premises No. Utensils

465 2,626

Restaurants, Beer parlors, Hotel kitchens

DIVISION OF INSPECTIONS  
 FOOD DIVISION  
 January to December, 1957  
 (Cont'd)

Condemnations:

Bakery products.....	267 lbs.		
Candy.....	638 "		
Canned goods.....	3,424 "		
Cereals.....	7,491 "		
Eggs.....	18 dozen		
Fish.....	1,321 lbs.		
Fruit and vegetables.....	2,961 "	3,400	1,709
Meat and meat products.....	1,539 "	43	—
Poultry.....	1,354 "	97	33
Salt.....	10 "	327	—
Sauces.....	217 "		
Yeast.....	645 "	491	2,519
		439	
		652	
		215	
		160	
		48	
		2,996	
		2	
<u>SAMPLES</u>			
Milk.....	76		
Milk bottles.....	1,475		
Milk supports.....	28,312		
Cream.....	75		
Ice cream.....	72		
Devices for marketing.....	6		
Special Analysis.....	1,411		
<u>UNUSUAL</u>			
Special Calls.....	1,374		
New Permits Issued.....	2		
Cancellations.....	13		
Complaints.....	13		
Temperatures Taken.....	9,179		
Milk Condensed.....	371 lbs.		
Cans Condensed.....	1,000		
Samples Tested.....	1,400		
Lectures Sent Re: Permits.....	1,400		
Notices Sent Re: Quality of Milk.....	1,400		
Notices Sent Re: Poor Cans.....	70		



DIVISION OF INSPECTIONS  
FOOD DIVISION  
January to December, 1957  
(Cont'd)

Condemnations:

287 lbs.	Bakery products.....
" 838	Candy.....
" 1,454	Canned goods.....
" 7,491	Cereals.....
18 dozen	Eggs.....
1,321 lbs.	Fish.....
" 2,961	Fruit and vegetables.....
" 1,339	Meat and meat products.....
" 1,354	Poultry.....
" 10	Salt.....
" 219	Sauces.....
" 645	Yeast.....

INSPECTIONS BRANCH  
 BACTERIOLOGICAL LABORATORY  
 January to December - 1957

WATER ANALYSES..... I N S P E C T I O N S   B R A N C H  
 Confirmed DAIRY DIVISION  
MILK AND CREAM..... January to December - 1957

		<u>Inspections</u>		<u>Contacts</u>
<u>COUNTRY:</u>	Milk Producers.....	3,620		1,709
	Producer-Distributors.....	43		---
	Prospective Producers.....	97		15
	Milk Haulers.....	327		---
<u>CITY:</u>	Pasteurization Plants (10 licensed).....	491		2,519
	Ice-cream Manufacturers.....	439		
	Counter Freezers.....	652		
	Butter Plants.....	215		
	Cheese Plants.....	160		
	Vehicles-Delivery.....	85		
	Cans Inspected.....	7,946		
	Swabs of Equipment.....	2		
<u>SAMPLES TAKEN:</u>	Water.....	74		
	Milk Retail.....	1,475		
	Milk Shippers.....	28,512		
	Cream.....	574		
	Ice-cream.....	720		
	Bottles for Sterility.....	65		
	Special Samples.....	1,451		
<u>GENERAL:</u>	Special Calls.....	1,572		
	New Permits Issued.....	46		
	Cancellations.....	130		
	Complaints.....	10		
	Temperatures Taken.....	9,193		
	Milk Condemned.....	270	lbs.	
	Cans Condemned.....	539		
	Samples Tested.....	2,905		
	Letters Sent Re: Premises.....	1,586		
	Notices Sent Re: Quality of Milk....	8,468		
	Notices Sent Re: Poor Cans.....	305		





HOUSING DIVISION - WINNIPEG HEALTH DEPARTMENT

Inspections and re-inspections 6,192

Complaints attended to: 2,352

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NOTICES I N S P E C T I O N S   B R A N C H

BACTERIOLOGICAL LABORATORY

January to December - 1957

<u>WATER ANALYSIS</u> .....	Standard Plate Count.....	2,845
	Presumptive Test.....	2,845
	Confirmed Test.....	833
	Average No. Bacteria per/ml.....	7.61
<u>MILK AND CREAM</u> .....	Standard Plate Count.....	2,080
	Babcock Test.....	2,030
	Coliform Test.....	2,137
	Phosphatase Test.....	2,096
	Resazurin Test.....	29,095
<u>ICE CREAM</u> .....	Standard Plate Count.....	596
	Coliform Test.....	730
<u>MILK BOTTLES</u> .....	Bacterial Test.....	65
<u>DIAGNOSTIC</u> .....	Diphtheria Swabs.....	308
	Sputa for T.B.....	2
	Smears for G.C.....	1
	Urinalysis.....	444
	Miscellaneous.....	46
<u>TOTAL TESTS</u> .....		46,153

Convictions.....	34
Dismissals.....	1
Withdrawals.....	12
	<u>47</u>

Total fines, including costs of Court, \$1,025.00

George Kelly,  
Principal Inspector,  
Housing Division





Y E A R 1 9 5 7

HOUSING DIVISION - WINNIPEG HEALTH DEPARTMENT

Inspections and reinspections: 6,592

Complaints attended to: 1,352

Notices Issued:

Verbal warnings: 1,928

Letters of warning: 63

Mandatory notices: 802

Closing notices: 237

Sewer and water notices: 1

Premises placarded "Unsanitary": 99

Violations or defects remedied during the year under orders from the Division

Police Court summonses issued: 47

Overcrowding remedied: 61 families
Damp or dark cellars vacated: 19 cellars
Unsatisfactory attics vacated: 43 attics
Dirty buildings cleansed throughout: 219 buildings

Fly screens and/or storm sash provided: 187 buildings

Bed bugs exterminated: 116 buildings

Cockroaches exterminated: 90 buildings

Rats or mice exterminated: 39 residential properties

Defective plumbing repaired: 219 buildings

Additional plumbing installed to comply with roominghouse regulations: 229 roominghouses

Hot water provided: 95 buildings

Walls, ceilings, floors repaired: 176 buildings

Redecorated: 219 buildings

Leaky roofs repaired: 44 buildings

Defective eavestroughing renewed: 47 buildings

Sufficient heat provided: 267 buildings

Defective cellars repaired: 50 cellars

Defective heating equipment renewed: 69 buildings

Gas stoves removed from bedrooms: 119 rooming houses

Miscellaneous defects remedied: 213 buildings

Heating By-law..... 4
Rooming House Regulations..... 13
Failure to vacate condemned premises..... 9
Vermin infestation..... 5
Garbage regulations..... 1
Failure to provide fly screens. 6
Defective cellars..... 4
Defective plumbing..... 3
Hotel Regulations..... 2

47

Convictions..... 34
Dismissals..... 1
Withdrawals..... 12

47

Total fines, including costs of Court, \$1,025.00

George Kelly,
Principal Inspector,
Housing Division





I N S P E C T I O N S   B R A N C H

DIVISION OF SANITATION AND HYGIENE

January to December, 1957

Inspections

This Division is charged with the routine inspection of offices, workshops and factories; swimming pools; schools; comfort stations; and approximately 440 licensed premises. In addition the division inspects and reports on garbage and refuse in yards and vacant lots and on streets and lanes; workmen's closets; noises; smoke, fumes, dust and odours; infestations of insects and rodents; and on pigeons and poultry. This division collects all water samples for bacteriological analysis.

Routine inspection of workshops and factories is beginning to show good results. There has been considerable improvement in the sanitation and hygiene of workshops and factories. A great deal of defective plumbing has been repaired or has been removed then properly installed. Where plumbing fixtures were insufficient the number of fixtures was increased. Some problems in ventilation, often necessitating a great deal of expense to the proprietor, were solved. A few cases of overcrowding were abated. At present 2,817 workshops and factories receive routine inspections.

Swimming pools continue to receive weekly inspection. At each inspection orthotolidine tests are made for available chlorine; the pH is measured; and a sample of the pool water is taken for bacteriological analysis. This year one new pool - the hydrotherapy pool at the Princess Elizabeth Hospital - was added to our list.

To ensure the safety of our drinking water an average of 40 samples for bacteriological analysis were obtained weekly at strategic points throughout the City.

In the late fall permission was granted to one of our inspectors to shoot pigeons. This work will continue through the coming year.

Because of a shortage of inspectors one inspector was transferred in September from the Division of Sanitation and Hygiene to the Housing Division. At present the staff of the Sanitation and Hygiene Division consists of one principal inspector, one assistant principal inspector and five district inspectors. A perusal of the yearly statistics that follow, shows that the Division made a total of 17,454 inspections and re-inspections and dealt with 5,456 defects.

Verbal.....	A. Cross,
Letter.....	Principal Inspector.
Informal.....	
Specifications.....	
Sanitary.....	
Prosecutions.....	

Water samples and deliveries ..... 2,817



INSPECTION AND HYGIENE  
DIVISION OF SANITATION AND HEALTH

January to December, 1937

This Division is charged with the routine inspection of offices, workshops and factories; swimming pools; schools; comfort stations; and approximately 400 licensed premises. In addition the division inspects and reports on garbage and refuse in yards and vacant lots and on streets and lanes; workmen's closets; noises; smoke, fumes, dust and odors; infestations of insects and rodents; and on pigeons and poultry. This division collects air water samples for bacteriological analysis.

Routine inspection of workshops and factories is beginning to show good results. There has been considerable improvement in the sanitation and hygiene of workshops and factories. A great deal of defective plumbing has been repaired or has been removed and properly installed. More plumbing fixtures were installed the number of fixtures was increased. Some problems in ventilation, often necessitating a great deal of expense to the proprietor, were solved. A few cases of overcrowding were abated. At present 2,417 workshops and factories receive routine inspections.

Swimming pools continue to receive weekly inspection. At each inspection orthochlorine tests are made for available chlorine; the pH is measured; and a sample of the pool water is taken for bacteriological analysis. This year one new pool - the hydrotherapy pool at the Princess Elizabeth Hospital - was added to our list.

To ensure the safety of our drinking water an average of 40 samples for bacteriological analysis were obtained weekly at strategic points throughout the city.

In the late fall permission was granted to one of our inspectors to shoot pigeons. This work will continue through the coming year.

Because of a shortage of inspectors one inspector was transferred in September from the division of sanitation and hygiene to the housing division. At present the staff of the sanitation and hygiene division consists of one principal inspector, one assistant principal inspector and five district inspectors. A review of the yearly statistics that follow shows that the division made a total of 17,456 inspections and re-inspections and dealt with 5,456 defects.

Principal Inspector

INSPECTIONS BRANCH  
 DIVISION OF SANITATION AND HYGIENE  
 January to December, 1957.

<u>Licensed:</u>	<u>Inspections</u>
Billiard parlors.....	90
Bowling alleys.....	46
Dance halls.....	2
Dog kennels.....	24
Hatcheries and pet shops.....	50
Junk yards.....	101
Laundries.....	164
Massage premises.....	63
Poultry keepers.....	25
Roller skating rinks.....	2
Second hand stores.....	406
Soap manufacturing.....	2
Stables-board, feed and sale.....	10
Tanneries and hide curing.....	11
Undertaking parlors.....	20
Total	1,016

Unlicensed:

OFFICES, WORKSHOPS & FACTORIES.....	4,954
Comfort stations.....	80
Community clubs.....	11
Garbage and refuse.....	3,018
Lanes, streets, yards and vacant lots.....	4,638
Schools.....	51
Swimming pools.....	429
Wading pools.....	12
Workmen's closets.....	2,867
Zoning.....	56
Miscellaneous.....	322
Totals	11,484

Total number of inspections..... 17,454  
 Interviews..... 1,945  
 Estimated value of repairs..... \$30,629.00

Complaints..... 991

Notices:

Verbal..... 4,687  
 Letter..... 209  
 Informal..... 484  
 Specification..... 41  
 Mandatory..... 98  
 Prosecutions..... 7

Water samples and deliveries..... 2,835



INSPECTIONS BRANCH  
DIVISION OF SANITATION AND HYGIENE

January to December, 1937

Inspections

Licensed:

Billiard parlors.....	90
Bowling alleys.....	16
Dance halls.....	60
Dog kennels.....	24
Hatcheries and pet shops.....	50
Launderies.....	101
Laundries.....	144
Massage parlors.....	50
Pool keepers.....	2
Roller skating rinks.....	108
Second hand stores.....	12
Soap manufacturing.....	10
Stables-board, feed and sale.....	14
Tanneries and hide curing.....	20
Underlying parlors.....	101
<b>Total.....</b>	<b>1,012</b>

Unlicensed:

Offices, Workshops & Factories.....	4,924
Comfort stations.....	80
Community clubs.....	11
Garbage and refuse.....	3,026
Lanes, streets, yards and vacant lots.....	4,538
Schools.....	21
Swimming pools.....	124
Wading pools.....	32
Women's societies.....	2,897
Yoking.....	58
Miscellaneous.....	328
<b>Total.....</b>	<b>11,787</b>

Total number of inspections.....  
 Interviews.....  
 Licensed value of work..... \$30,629.00

Complaints.....  
 Political.....  
 Labor.....  
 Information.....  
 Special.....  
 Handbooks.....  
 Propaganda.....

Water samples and deliveries..... 2,832

INSPECTIONS BRANCH  
DIVISION OF SANITATION AND HYGIENE  
January to December, 1957.  
(Cont'd)

Defects discovered and dealt with:

Cleanliness, lack of.....	178
Common drinking cups.....	157
Covered waste receptacles.....	11
Dampness.....	9
Drinking facilities (water).....	22
Garbage and refuse.....	1,834
Gas installations.....	1
Heating: Lack of.....	124
"    Furnaces and equipment.....	4
"    Chimneys, ducts and piping.....	2
Lanes, streets, yards and vacant lots.....	1,370
Lighting: Artificial or natural.....	36
Noises.....	30
Overcrowding.....	5
Plumbing: Lack of.....	8
"    Defective.....	159
"    Illegally installed.....	28
"    Insufficient.....	158
"    Dirty fixtures.....	152
"    Lack of legible signs.....	12
"    No water supply.....	25
"    No hot water.....	10
Pigeons or poultry, illegal.....	83
Privacy, lack of.....	10
Rest Rooms, lack of.....	7
"    "    Dirty.....	8
"    "    Furnishings.....	8
"    "    No hot water.....	1
Rodents, rats.....	151
"    mice, other.....	6
Smoke, dust, fumes, odours.....	316
Soap and towels, lack of.....	84
Stables.....	4
Structural defects: Roofs.....	17
"    "    Eavestroughing & R.W.L.....	23
"    "    Cellars, floors, walls.....	28
"    "    Screen doors and windows.....	2
Swimming pools, wading pools.....	130
Unlawful occupation.....	9
Ventilation.....	34
Vermin: Roaches, other.....	30
Workmen's closets.....	101
Zoning.....	16
Miscellaneous.....	53
Total.....	<u>5,456</u>

A. Cross,  
Principal Inspector.





CITY HEALTH DEPARTMENT

Summary of Expenditures, 1957  
(to nearest dollar)

(a) Personal Services . . . . .	\$313,811
(b) Outside Services . . . . .	71,197
(c) Materials, Supplies and Repairs . . .	29,272
(d) Equipment, Additions, etc. . . . .	3,042
(e) Fuel, Water, Light and Power . . . . .	271
(f) Other Expenses . . . . .	780
(h) Auto Expenses . . . . .	<u>13,800</u>
	<u>\$432,173</u>

Expenditures by Branches, 1957  
(to nearest dollar)

	<u>Service</u>	<u>Total</u>	<u>Personal</u>	<u>Other</u>
Cl-1	Administration & Statistics . . . . .	\$26,764	\$23,233	\$3,531
Cl-2	Communicable & Other Diseases . . . . .	54,267	25,334	28,933
Cl-3	Inspection Services & Laboratory . . . . .	105,102	91,233	13,869
Cl-4	Child Medical Services . . . . .	50,227	4,149	46,078
Cl-5	Child Dental Services . . . . .	23,510	9,381	14,129
Cl-6	Public Health Nursing . . . . .	170,536	160,481	10,055
Cl-7	National Health Grants . . . . .	<u>1,767</u>	-	<u>1,767</u>
	Totals . . . . .	<u>\$432,173</u>	<u>\$313,811</u>	<u>\$118,362</u>

Gross Cost per Capita . . . . . \$1.70



CITY HEALTH DEPARTMENT

Summary of Expenditures, 1967  
(in nearest dollar)

(a) Personal Services . . . . .	\$213,811
(b) Outside Services . . . . .	71,197
(c) Materials, Supplies and Repairs . . . . .	29,272
(d) Equipment, Addition, etc. . . . .	3,042
(e) Fuel, Water, Light and Power . . . . .	271
(f) Other Expenses . . . . .	780
(h) Auto Expenses . . . . .	<u>13,800</u>
	<u>\$432,173</u>

Expenditures by Branches, 1967  
(in nearest dollar)

	<u>Service</u>	<u>Total</u>	<u>Personal</u>	<u>Other</u>
CI-7	National Health Grants . . . . .	1,767	-	1,767
CI-6	Public Health Nursing . . . . .	170,226	160,481	10,055
CI-5	Child Dental Services . . . . .	28,910	2,381	14,129
CI-4	Child Medical Services . . . . .	50,227	4,149	46,078
CI-3	Inspection Services & Laboratory . . . . .	102,102	91,233	10,869
CI-2	Communicable & Other Diseases . . . . .	24,227	22,324	1,903
CI-1	Administration & Statistics . . . . .	\$26,764	\$23,233	\$3,531
	<u>Totals . . . . .</u>	<u>\$432,173</u>	<u>\$313,811</u>	<u>\$118,362</u>

Gross Cost per Capita . . . . . \$1.70

CITY HEALTH DEPARTMENT  
Assistance to Health Services under  
National Health Grants

Summary of Expenditures, 1957  
(to nearest dollar)

(a) Personal Services . . . . .	\$64,695
(b) Outside Services . . . . .	5,695
(c) Materials, Supplies and Repairs . . . . .	164
(h) Auto Expenses . . . . .	<u>3,716</u>
	<u>\$74,270</u>

Expenditures by Projects, 1957  
(to nearest dollar)

<u>Service</u>	<u>Total</u>	<u>Personal</u>	<u>Other</u>
Cl-7(2) Registry for Handicapped Children	\$6,118	\$1,393	\$4,725
Cl-7(3) } Assistance to Health Services	68,152	63,302	4,850
Cl-7(4) }	<u>        </u>	<u>        </u>	<u>        </u>
Totals . . . . .	<u>\$74,270</u>	<u>\$64,695</u>	<u>\$9,575</u>



CITY HEALTH DEPARTMENT  
Assistance to Health Services under  
National Health Grants

Summary of Expenditures, 1957  
 (to nearest dollar)

(a)	Personal Services . . . . .	\$41,695
(b)	Outside Services . . . . .	5,695
(c)	Materials, Supplies and Repairs . . . . .	164
(d)	Auto Expenses . . . . .	3,476
		<u>\$51,030</u>

Expenditures by Project, 1957  
 (to nearest dollar)

	<u>Service</u>	<u>Total</u>	<u>Personal</u>
CI-2(2)	Registry for Handicapped Children \$6,118	\$6,118	\$1,539
CI-2(3)	Assistance to Health Services	66,152	64,502
CI-2(4)			
	Totals . . . . .	<u>\$72,270</u>	<u>\$66,041</u>
			<u>\$6,929</u>





