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CITY OF WINNIPEG

HEALTH DEPARTMENT

A N N N U A L R E P O R T

of the

MEDICAL HEALTH OFFICER

YEAR 1956

--ooOoo--

M. S. LOUGHEED, M.D., D.P.H.

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CITY HEALTH DEPARTMENT

Winnipeg, 1957.

Chairman and Members,
Committee on Health.

Mesdames and Gentlemen:

I have the honour to present the annual report for the year of 1956. Recorded herein are the year's activities of the various divisions of the Health Department.

Respectfully submitted,

R. G. Cadham, M.D., D.P.H.,
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. Ponner
Alderman G. R. Fines
His Worship Mayor Juba (ex-officio)

STAFF

Medical Health Officer	M.S. Lougheed, M.D., D.P.H.
Deputy Medical Health Officer	R. G. Cadham, M.D., D.P.H.
Consultant, Child Care Services	H. Medovy, M.D.
Oculist	J. McGillivray, M.D.
Medical Supervisor in Nursing Homes	W. Turnbull, M.D.
" " " " "	J. B. Morison, MD.
Dental Officer	W. R. Morrison, D.D.S.
" "	R. W. Scott, D.D.S.
" "	E. L. White, D.D.S.
" "	W. W. Wright, D.D.S.
Director, Public Health Nursing	Miss L. MacKenzie, R.N., M.A., P.D.
Chief Health Inspector	E. J. Rigby, D.V.M.

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 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 Nursing Services.

The Child Health Services Board was set up to help the Department in a consultative manner, meetings being held at 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 1956 is 254,030, as determined by the Assessment Commissioner. This figure shows an increase of 4,961 over the 1955 figure of 249,069. However, the natural increase in 1956 (live births less deaths) shows an increase of 3,470.

Vital Statistics As Registered in Winnipeg, 1956

(Including Non-Residents)

	1956	1955
Live Births	8,747	8,991
Deaths	2,634	2,590
Infant Deaths	216	222
Stillbirths	117	118
Puerperal Deaths	1	6

Summary of Vital Statistics, Residents, 1956

		1956	1955
Live Births	Male	3,025	3,046
	Female	2,883	2,970
	Total	5,908	6,016
Rate per 1,000 Population		23.3	24.2
Deaths	Male	1,467	1,376
	Female	971	956
	Total	2,438	2,332
Rate per 1,000 Population		9.6	9.6
Natural Increase		3,470	3,684
Infant Deaths (-1 yr.)	Male	75	97
	Female	69	50
	Total	144	147
Rate per 1,000 Live Births		24.4	24.4
Stillbirths	Male	47	50
	Female	35	29
	Total	82	79
Rate per 1,000 Live Births		13.9	13.0
Puerperal Deaths		1	4
Rate per 1,000 Live Births		.2	.7

(Population December 31, 1956 - 254,030)

Live Births, Residents Only

The number of live births occurring to Winnipeg residents during 1956 was 5,908 giving a rate of 23.3 per 1,000 population which is a decrease of 3.7% from 1955. Of the 5,908 children born there were 3,025 boys and 2,883 girls giving a ratio of 1,049 boys to 1,000 girls. First children accounted for 2,135 or 36.2% of the total births, second children 1,736 or 29.5% and third children 1,054 or 17.9%. In 1956, 5,795 or 98.3% included the fifth child and 5,751 or 97.5% were born to mothers between the ages of 15 and 39.

Infant Mortality

There were 144 deaths of infants under one year of age in 1956 giving a rate of 24.4 per 1,000 live births. This is the same rate that has prevailed during 1955 and 1954. The chief causes of infant deaths were Immaturity - 27, Congenital Malformations - 20, Injury at Birth - 19, Postnatal Asphyxia and Atelectasis - 16, and Pneumonia, all forms - 13. These causes comprised 66.0% of the total infant deaths. A detailed list of the causes of infant mortality is on page 13 of this report.

Neo-Natal Mortality

Deaths of infants in the first four weeks of life numbered 103 which comprised 71.5% of the total infant deaths under one year of age as compared with 75.5% in 1955 and 65.5% in 1954. The neo-natal mortality rate for 1956 was 17.4 per 1,000 live births which is a decrease from the rate of 18.5 in 1955.

Maternal Mortality

There was one death from conditions pertaining to childbearing giving a rate of .2 per 1,000 live births as compared with .7 in 1955 and .5 in 1954. This rate of .2 equals the record low rate set in 1952.

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

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	388	1,022	483	172	60	10	2,135	36.2
2nd	78	599	584	321	123	31	1,736	29.5
3rd	12	221	336	324	124	37	1,054	17.9
4th	2	65	150	190	106	26	539	9.1
5th		8	64	99	47	13	231	3.9
6th & over		2	35	78	58	28	201	3.4
Total	480	1,917	1,652	1,184	518	145	≠ 5,908	100.0

≠ Unknown, included in above total - 12

Table Showing Number of Births, Deaths, Infant Deaths And Maternal Mortality With Rates For Winnipeg For Years 1911-1956 /

Average	Births	Rate per 1,000 pop.	Deaths	Rater 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	4,037	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

/1911-130 include non-residents
1931-1956 residents only

Table Showing Number of Deaths and Rate Per 100,000 Population From Certain Diseases For Winnipeg For The Years 1911 To 1956/

	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	676	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	876	359	418	167
1956	11	5	2	0.8	867	341	464	182

*Measles, Scarlet Fever, Diphtheria, Whooping Cough
/1911-1930 include non-residents (1931-1956 residents only).

Leading Causes of Death, 1956, Residents Only

Cause of Death	1956		1955	
	Number of Deaths	% of Total Deaths	Number of Deaths	% of Total Deaths
Heart Diseases (410-443)	867	35.5	876	37.6
Malignant Neoplasms (140-205)	464	19.0	418	17.9
Vascular Lesions Affecting Central Nervous System (330-334)	288	11.8	305	13.1
Malformations and Diseases of Early Infancy (750-776)	112	4.6	118	5.1
Accidents, Poisonings and Violent Deaths (E800-E999)	136	5.6	125	5.4
Pneumonia (490-493)	107	4.4	113	4.8
Acute Poliomyelitis (080)	.	.	.	.
Diabetes Mellitus (260)	39	1.6	29	1.2
Ulcer of stomach and duodenum (540-541)	12	.5	13	.5
Nephritis and Nephrosis (590-594)	22	.9	18	.8
Intestinal Obstruction and Hernia (560-561, 570)	15	.6	15	.6
Pulmonary Tuberculosis (002)	11	.5	18	.8
Hypertension without mention of Heart (444-447)	17	.7	12	.5
Cirrhosis of Liver (581)	26	1.1	19	.8
Bronchitis (500-502)	15	.6	6	.3
All Other Causes	307	12.6	247	10.6
	2,438	100.0	2,332	100.0

Causes of Death

The following pages give particulars of the number of deaths of Winnipeg residents for the year 1956, 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.

Leading Causes of Death, 1938, Metropolitan Unit

Causes of Death	1938 Number of Deaths	1938 % of Total Deaths	1938 Number of Deaths	1938 % of Total Deaths
Heart Diseases (410-448)	847	34.5	829	37.4
Malignant Neoplasms (140-205)	364	14.9	418	17.9
Vascular Lesions Affecting Central Nervous System (330-334)	288	11.8	305	13.4
Malformations and Diseases of Early Infancy (750-776)	112	4.6	118	5.1
Accidents, Poisonings and Violent Deaths (1800-1899)	134	5.5	125	5.4
Pneumonia (490-493)	107	4.4	115	4.8
Acute Poliomyelitis (080)	.	.	.	.
Diabetes Mellitus (260)	39	1.6	29	1.3
Ulcer of Stomach and Duodenum (540-541)	12	.5	14	.5
Nephritis and Nephrosis (590-594)	22	.9	18	.8
Intestinal Obstruction and Hernia (560-561, 590)	15	.6	15	.5
Pulmonary Tuberculosis (001)	14	.5	18	.8
Hypertension without mention of Heart (444-447)	17	.9	12	.5
Cirrhosis of Liver (581)	26	1.1	15	.6
Meningitis (500-502)	15	.6	6	.3
All other Causes	307	12.5	247	10.6
	2,458	100.0	2,325	100.0

Causes of Death

The following pages give particulars of the number of deaths of Jamaica residents for the year 1938, classified according to cause and sex. The causes of death are coded according to the 6th Revision of the International List of Diseases and Causes of Death.

DEATHS TO WINNIPEG RESIDENTS BY CAUSE, SEX AND AGE - 1956

Cause	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. +	Total
T.B. of respiratory system (001-008)	7	4							3	2	1	2		2	1		11
T.B., other forms (010-019)	1	2									1			2			3
Syphilis and its sequelae (020-029)	3	1										2	1		1		4
Diphtheria (055)	1	1					2										2
Meningococcal infections (057)	1													1			1
All other diseases classified as infective and parasitic (030-138)	1									1							1
Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues (140-205)	263	201				2	5	3	5	19	53	102	66	147	56	6	464
Benign and unspecified neoplasms (210-239)	4	3			1						2	2	2	2			7
Diabetes Mellitus (260)	16	23							1	1	3	6	10	15	3		39
Anaemias (290-293)	2	4								1			2	1	1	1	6
Vascular lesions affecting central nervous system (330-334)	153	135							1	3	11	27	37	122	75	12	288

Cause	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. +	Total
Nonmeningococcal Meningitis (340)	1	1							1			1					2
Rheumatic Fever (400-402)	1									1							1
Chronic rheumatic heart disease (410-416)	12	8							1	1	2	8	3	3	2		20
Arteriosclerotic and degenerative heart diseases (420-422)	478	245		2					3	17	36	111	111	268	152	23	723
Other diseases of heart (430-434)	24	21					1			1	5	8	7	9	9	5	45
Hypertension with heart disease (440-443)	42	37						1		2	3	16	6	23	23	5	79
Total Heart Diseases (410-443)	556	311		2			1	1	4	21	46	143	127	303	186	33	867
Hypertension without mention of heart (444-447)	13	4								1	3	3	2	3	4	1	17
Influenza (480-483)	2														1	1	2
Pneumonia (490-493)	67	40		7	3	1	1		2	3	5	12	3	31	31	8	107
Bronchitis (500-502)	8	7		4	1							2	1	4	2	1	15

Cause	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 yrs. +	Total
Ulcer of stomach and duodenum (540-541)	9	3								2		2	2	4	1	1	12
Appendicitis (550-553)	2												1	1			2
Intestinal obstruction and hernia (560-561,570)	11	4	1								1	4	2	3	4		15
Gastritis, duodenitis, enteritis and colitis, except diarrhoea of the newborn (543,571-572)	4	4		4									2	2			8
Cirrhosis of liver (581)	19	7							2	7	5	5	1	5	1		26
Nephritis and nephrosis (590-594)	14	8		1					2		2	3	2	5	6	1	22
Hyperplasia of prostate (610)	9											2		6	1		9
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689)	1	1	2														2

Cause	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 yrs. +	Total
Congenital Malformations (750-759)	18	13	16	8	2		3			1				1			31
Birth Injuries, postnatal asphyxia and atelectasis (760-762)	17	18	35														35
Infections of the newborn (763-768)	5	4	8	1													9
Other diseases peculiar to early infancy and immaturity unqualified (769-776)	20	17	37														37
Totals, Early Infancy (750-776)	60	52	96	9	2		3			1				1			112
Senility without mention of psychosis, ill defined and unknown causes (780-795)	6	9								1			2	3	4	5	15
All other diseases (residual)	139	103	2	7	2	1	1	2	4	5	13	36	17	88	50	14	242

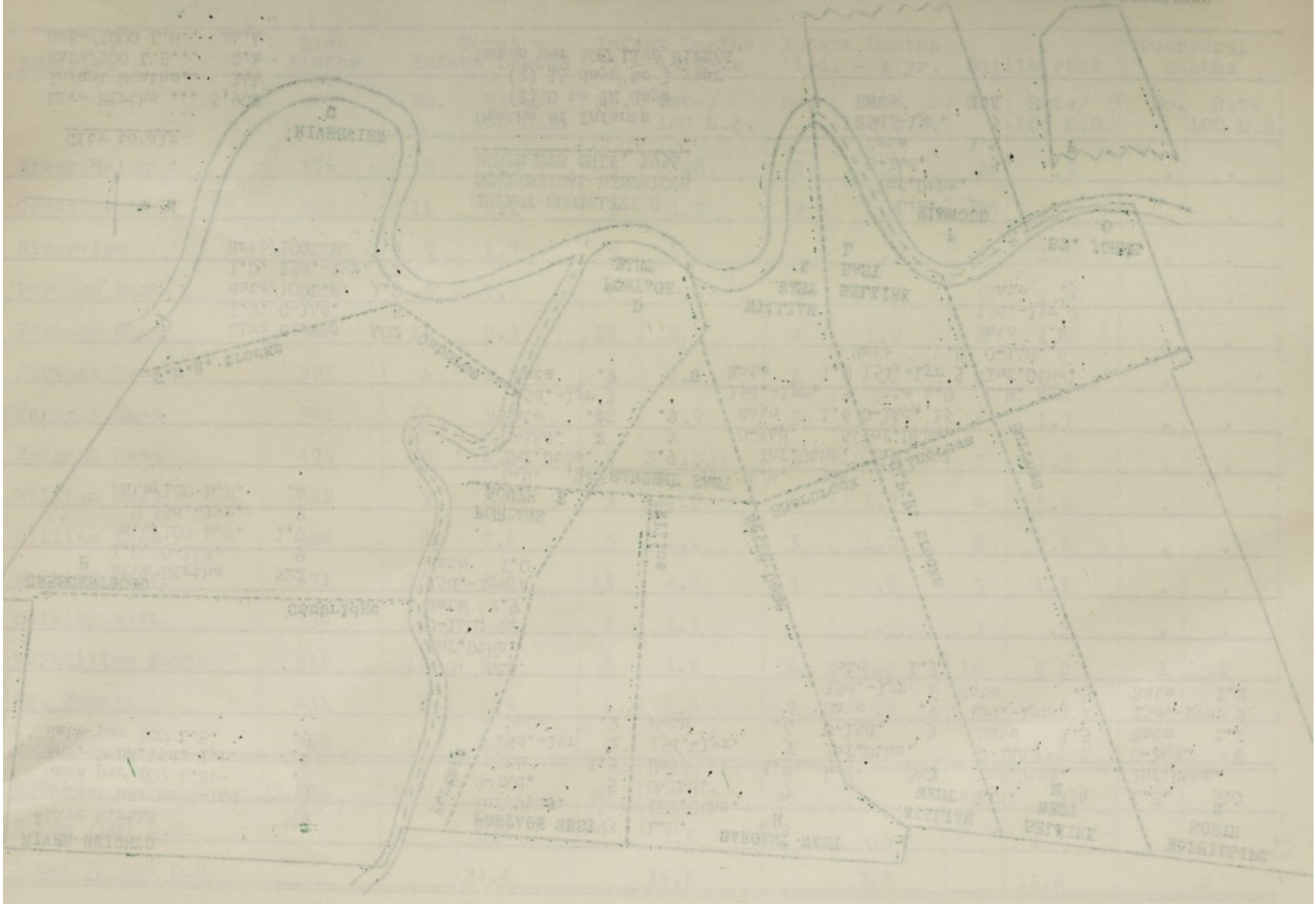
Cause	Male	Female	0 - 28 days	29d. - 1 yr.	1 - 2 yr.	3 - 4 yr.	5 - 14 yr.	15 - 24 yr.	25 - 34 yr.	35 - 44 yr.	45 - 54 yr.	55 - 64 yr.	65 - 69 yr.	70 - 79 yr.	80 - 89 yr.	90 yrs. +	Total
Accidents, Poisonings and Violence (External Cause)																	
Motor vehicle accidents (E810-E835)	26	9					4	6	1	3	5	6	3	7			35
All other accidents (E800-E802, E840-E965)	44	25	1	9	3	1	2	4	6	9	3	5	5	11	7	3	69
Suicide and self-inflicted injury (E970-E979)	20	7						1	3	6	5	4	6	1	1		27
Homicide and operations of war (E980-E999)	3	2					4			1							5
Total Violent Deaths (E800-E999)	93	43	1	9	3	1	10	11	10	19	13	15	14	19	8	3	136
GRAND TOTALS	1,467	971	102	43	12	5	23	17	35	88	159	369	294	768	436	87	2,438

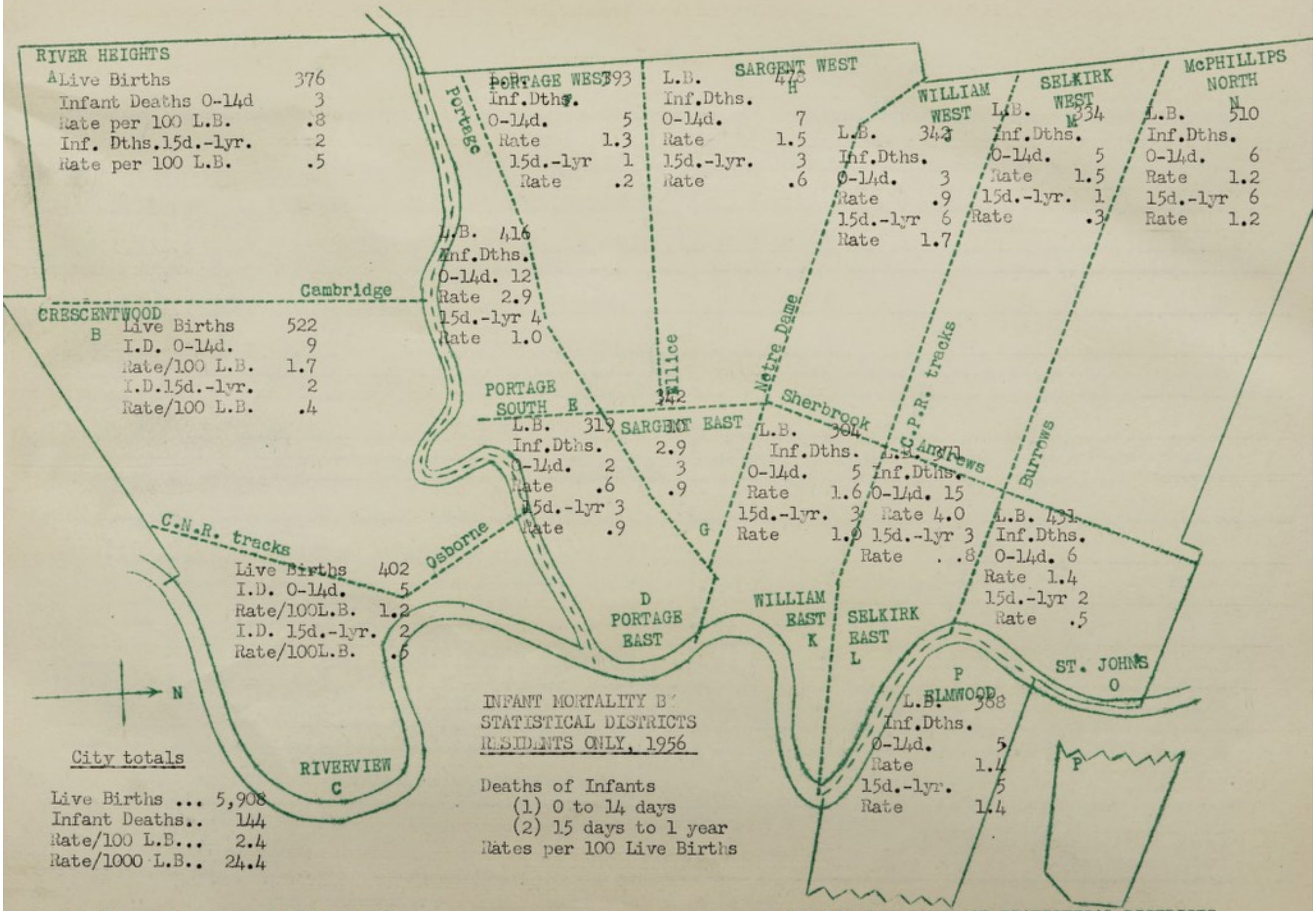
INFANT DEATHS, WINNIPEG RESIDENTS, FOR THE YEAR 1956 - BY CAUSE, AGE AND SEX

Code Number	Cause of Death	Total	Male	Female	0-7 Days		8-14 Days		15-21 Days		22da. -1mo.		1mo. -1yr.	
					M	F	M	F	M	F	M	F	M	F
751	Spina bifida and meningocele	4	1	3	1	3								
754	Congenital malformations, circulatory system	10	6	4	3		1						2	4
750,752,753,755-759	All other congenital malformations	10	7	3	4	1	1		1			1	1	1
760-761	Birth Injuries	19	4	15	4	15								
762	Postnatal asphyxia and atelectasis	16	13	3	13	3								
763	Pneumonia of newborn	7	4	3	4	1		1				1		
764	Diarrhoea of newborn	1		1		1								
768	Other sepsis of newborn	1	1						1					
770	Haemolytic disease of newborn (Erythroblastosis)	1		1		1								
769,771,772	All other defined diseases of early infancy	9	3	6	3	6								
774-776	Immaturity with subsidiary condition or unqualified	27	17	10	17	10								
	All other causes	39	19	20	4	1					1		14	19
	TOTALS	144	75	69	53	42	2	1	2		1	2	17	24

Details of Infant Deaths Listed in "All other causes" for 1956, Residents

No.	Cause of Death	Total	Male	Female	0-7 Days M	0-7 Days F	8-14 Days M	8-14 Days F	15-21 Days M	15-21 Days F	22da. Days M	22da. Days F	1mo. Days M	1mo. Days F
344	Late effects of intracranial abscess or pyogenic infection	1	1		1									
422	Other myocardial degeneration	2		2										2
474	Acute laryngitis and tracheitis	3	3								1		2	
490	Lobar pneumonia (over 4 weeks)	2	1	1									1	1
491	Bronchopneumonia (over 4 weeks)	2	1	1									1	1
492	Primary atypical pneumonia (over 4 weeks)	2		2										2
493	Pneumonia, other and unspecified	1	1										1	
501	Bronchitis unqualified	4	2	2									2	2
525	Other chronic interstitial pneumonia	1		1										1
527	Other diseases of lung and pleural cavity	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 and over	4	2	2									2	2
578	Other diseases of intestines and peritoneum	1	1										1	
592	Chronic nephritis	1		1										1
650	Abortion without mention of sepsis or toxaemia	2	1	1	1	1								
744	Other diseases of muscle, tendon, and fascia	1		1										1
E910	Blow from falling object	1		1										1
E917	Accident caused by hot substance, corrosive liquid, and steam	1		1										1
E921	Inhalation and ingestion of food causing obstruction or suffocation	3	1	2									1	2
E923	Foreign body entering other orifice	1	1		1									
E924	Accidental mechanical suffocation in bed and cradle	3	2	1									2	1
E925	Accidental mechanical suffocation in other and unspecified circumstances	1	1										1	
	TOTALS	39	19	20	4	1					1		14	19





CITY HEALTH DEPARTMENT, WINNIPEG, MAN.
DIVISION OF STATISTICS

LETTERS AND NAMES OF STATISTICAL DISTRICTS
APPEAR IN CAPITALS

INFANT MORTALITY, 1956, 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.
River Heights	376	5	1.3	3	.8	2	.5	2	.5	.	.
Crescentwood	522	11	2.1	9	1.7	2	.4	7	1.3	.	.
Riverview	402	7	1.7	5	1.2	2	.5	6	1.5	.	.
Portage East	319	5	1.5	2	.6	3	.9	6	1.9	.	.
Portage South	416	16	3.9	12	2.9	4	1.0	6	1.4	.	.
Portage West	393	6	1.5	5	1.3	1	.2	4	1.0	.	.
Sargent East	342	13	3.8	10	2.9	3	.9	6	1.7	.	.
Sargent West	478	10	2.1	7	1.5	3	.6	7	1.5	.	.
William West	342	9	2.6	3	.9	6	1.7	4	1.2	.	.
William East	304	8	2.6	5	1.6	3	1.0	8	2.6	.	.
Selkirk East	371	18	4.8	15	4.0	3	.8	5	1.3	.	.
Selkirk West	334	6	1.8	5	1.5	1	.3	3	.9	.	.
McPhillips North	510	12	2.4	6	1.2	6	1.2	10	2.0	1	.2
St. John's	431	8	1.9	6	1.4	2	.5	4	.9	.	.
Elmwood	368	10	2.8	5	1.4	5	1.4	4	1.1	.	.
TOTALS	5,908	144		98		46		82		1	
Rates /100 L.B.			2.4		1.6		.8		1.4		.01
Rates /1,000 L.B.			24.4		16.6		7.8		13.8		.2

NURSING HOMES:	1956	1955
Number of nursing homes visited.....	26	26
Number of medical examinations.....	5194	4934

MEDICAL RELIEF AND OTHER CALLS:		
Patients visited by district physicians.....	1668	1720
Glasses supplied to school children.....	344	339
Number of persons receiving insulin.....	229	220
Number of persons receiving liver extract.....	23	20
Number of children receiving free milk.....	350	350

WELFARE INSTITUTIONS REPORT:		
Number of visits of inspection and supervision to:		
Nursing Homes, Institutions, Hospitals....	468	559
Day Nurseries.....	34	14
Children's Boarding Homes.....	1	-
Number of interviews with supervisors.....	32	39
Number of personal interviews.....	437	498
Number of calls to patients homes.....	231	266
Number of interviews with doctors.....	363	511
Number of new cases.....	231	200
Number of deaths.....	128	138
Number of closed cases.....	120	77
Meetings.....	11	18

WELFARE INSTITUTIONS - CITY OF WINNIPEG

	CAPACITY	No. of children Dec. 31, 1956
Isabel Anderson - 549 Clare Ave.	21	14
Children's Foster Home - Pre Delinquent	10	10
Children's Aid Receiving - 422 Assiniboine	28	9
Children's Aid Nursing Unit - 426 Assiniboine	23	15
Grace Hospital - Evanson & Portage	32	15
	20 infants	4
Ukrainian Children's Day Nursery - 631 Flora	28	10
McMasters - 151 Bannerman Ave.	15	15
St. Joseph's Vocational School - 1051 Portage	70	40
Sir Hugh J. MacDonald - 175 Mayfair	20	19
Day Nursery Centre - 378 Stella Avenue	30	33
Joan of Arc Day Nursery - 159 Jarvis Ave.	75 in winter	39
	100 in summer	-
Idell Robinson, 264 Roslyn Road	34	34
Children's Aid Foster Homes		200
Jewish Welfare Foster Home		2
Private Placements		9
Eastern Manitoba Foster homes		1
Health and Public Welfare Foster Homes		29

DIVISION OF COMMUNICABLE DISEASES

SUMMARY OF IMMUNIZATIONS FOR 1956

DIPHTHERIA TOXOID AND TETANUS VACCINE COMBINED:

	1	2	3	4	Augmenting
Under 1 year	183	169	146	3	23
1 year	150	79	35	11	139
2 - 5 years	704	301	104	45	1016
6 - 16 years	1768	123	29	31	9637
Over 16 years	58	7	7	-	161
	2863	679	321	90	10976

Total doses by department 15,449
Total doses by physicians 1,071

DIPHTHERIA, TETANUS AND PERTUSSIS COMBINED:

	1	2	3	4	Augmenting
Under 1 year	1241	955	866	230	15
1 year	453	293	211	218	191
2 - 5 years	285	222	110	68	448
6 - 16 years	15	17	23	26	28
Over 16 years	4	-	-	-	-
	1998	1387	1210	542	682

Total doses by department 6,258
Total doses by physicians 39,558

SMALLPOX VACCINE:	VACCINATIONS	RE-VACCINATIONS
Under 1 year	480	1
1 year	315	5
2 - 5 years	259	14
6 - 16 years	74	3
Over 16 years	-	56
	1128	79

Total doses by department 1,177
Total doses by physicians 7,412

DIVISION OF COMMUNICABLE DISEASES

SUMMARY OF IMMUNIZATIONS FOR 1956

DIPHTHERIA TOXOID AND TETANUS VACCINE COMBINED:

	1	2	3	4	Augmenting
Under 1 year	1853	1897	1456	[illegible]	[illegible]
1 year	1352	1[illegible]	[illegible]	1[illegible]	1[illegible]
2 - 5 years	7044	3[illegible]1	1[illegible]4	[illegible]	1018
6 - 16 years	1766	1253	129	31	56[illegible]
Over 16 years	58	7	7	4	16[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Total doses by department 15,442
Total doses by physicians 1,671

DIPHTHERIA, TETANUS AND PERTUSSIS COMBINED:

	1	2	3	4	Augmenting
Under 1 year	1241	975	[illegible]	990	[illegible]
1 year	453	297	213	213	191
2 - 5 years	289	242	110	54	443
6 - 16 years	15	47	23	26	29
Over 16 years	4	[illegible]	-	-	-
	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]

Total doses by department 6,258
Total doses by physicians 39,558

SMALLPOX VACCINE:

	VACCINATIONS	RE-VACCINATIONS
Under 1 year	480	1
1 year	413	1
2 - 5 years	5[illegible]5	1[illegible]
6 - 16 years	74	[illegible]
Over 16 years	-	5[illegible]
	1[illegible]	[illegible]

Total doses by department 1,177
Total doses by physicians 7,[illegible]

DIVISION OF COMMUNICABLE DISEASES

CASES AND DEATHS REPORTED:	1956 CASES	1956 DEATHS	1955 CASES	1955 DEATHS
Cerebrospinal Fever	-	-	-	-
Chickenpox	226	-	280	-
Diphtheria	47	2	-	-
Diphtheria Carriers	10	-	-	-
Diarrhoea, Infantile	46	-	10	-
Dysentry, Bacillary	10	-	30	-
Encephalitis, Infectious	-	-	-	-
Erysipelas	4	-	6	-
Hepatitis, Infectious	83	-	65	-
Influenza	-	-	-	-
Measles	292	-	958	-
Mumps	198	-	294	-
Ophthalmia, Neon.	-	-	-	-
Poliomyelitis	2	-	3	-
Paratyphoid Fever	2	-	-	-
Scarlet Fever	52	-	71	-
Smallpox	-	-	-	-
Tetanus	-	-	-	-
Tuberculosis, Pulmonary	49	12	52	18
Typhoid Fever	-	-	-	-
Typhoid Fever Carriers	-	-	-	-
Undulant Fever	3	-	-	-
Whooping Cough	65	-	165	-
	1089	14	1934	20

SERA AND VACCINE DISTRIBUTED

	1956	1955
Smallpox Vaccine.....	8558	8402
Scarlet Fever Toxin (1 person pkts.).....	118	100
Dick Test Toxin Pkts.....	-	19
Diphtheria Toxoid (1 person pkts).....	640	150
(9 person pkts).....	16	-
Schick Test Toxin pkts.....	325	50
Tetanus Antitoxin (1,500 unit pkts.).....	121	119
(10,000 unit pkts.).....	-	-
Typhoid Toxoid (1 person pkts.).....	157	27
Pertussis Vaccine (1 person pkts.).....	63	86
Pertussis & Diphtheria com. (1 person).....	139	163
Diphtheria & Tetanus (1 person Conn.).....	358	24
Diphtheria, Tetanus & Pertussis-Conn.....	195	300
Diphtheria, Tetanus & Pertussis (1.5ccP.D)..	540	499
Diphtheria, Tetanus & Pertussis (7.5ccP.D)..	4224	1719

DIVISION OF COMMUNICABLE DISEASES

CASES AND DEATHS REPORTED:	1956 CASES	1956 DEATHS	1955 CASES	1955 DEATHS
Cerebrospinal Fever	-	-	-	-
Chickenpox	224	-	480	-
Diphtheria	47	2	-	-
Diphtheria Carriers	10	-	-	-
Diarrhoea, Infantile	44	-	10	-
Dysentery, Bacillary	10	-	30	-
Encephalitis, Infectious	-	-	-	-
Erysipelas	4	-	6	-
Hepatitis, Infectious	83	-	63	-
Influenza	-	-	-	-
Measles	892	-	520	-
Mumps	148	-	294	-
Ophthalmia, Neon.	-	-	-	-
Poliomyelitis	2	-	2	-
Paratyphoid Fever	2	-	-	-
Scarlet Fever	52	-	23	-
Smallpox	-	-	-	-
Tetanus	-	-	-	-
Tuberculosis, Pulmonary	47	12	52	18
Typhoid Fever	-	-	-	-
Typhoid Fever Carriers	-	-	-	-
Undulant Fever	2	-	-	-
Whooping Cough	5	-	46	-
	1069	14	1534	20

SERA AND VACCINES DISTRIBUTED

Smallpox Vaccine	2956	3875
Scarlet Fever Toxin (1 person pkts.)	8878	3802
Dick Test Toxin Pkts.	139	120
Diphtheria Toxoid (1 person pkts)	-	19
(2 person pkts)	646	150
Schick Test Toxin pkts.	1	-
Tetanus Antitoxin (1,500 unit pkts.)	325	30
(10,000 unit pkts.)	121	116
Typhoid Toxoid (1 person pkts.)	-	-
Pertussis Vaccine (1 person pkts.)	189	27
Pertussis & Diphtheria con. (1 person)	6	36
Diphtheria & Tetanus (1 person Conn.)	14	163
Diphtheria, Tetanus & Pertussis-Conn.	326	24
Diphtheria, Tetanus & Pertussis (1 person)	193	206
Diphtheria, Tetanus & Pertussis (2 person)	314	149
	424	3172

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1956

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 12 deaths in Winnipeg due to tuberculosis. This corresponds to a death rate of 4.7 per 100,000 population and is the lowest death rate ever recorded in Winnipeg. The following table illustrates the gradual but steady decline in the death rate since 1930.

Year	No. of Deaths	Rate per 100,000 population
1930	106	51.
1940	52	23.
1950	21	8.8
1954	17	7.
1955	17	7.
1956	12	4.7

Hospitalization

There was a monthly average of 147 patients hospitalized in the various Sanatoria during the year 1956. This is a substantial reduction in the monthly average of patients hospitalized during 1952 (214 patients), in 1953 (199 patients), in 1954 (191 patients) and 1955 (166 patients). The monthly average number of patients in the various Sanatoria were:

Ninette.....	59
St. Boniface Sanatorium.....	75
Central Tuberculosis Clinic..	13
Total.....	147

X-ray Surveys

During 1956 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 58,422 individuals.

WINNIPEG & DISTRICT HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1954

Continued progress in the control of Tuberculosis in Winnipeg is evidenced in the following reports of the Tuberculosis Division of the City Health Department.

Death Rate

There were 19 deaths in Winnipeg due to tuberculosis. This corresponds to a death rate of 4.3 per 100,000 population and is the lowest death rate ever recorded in Winnipeg. The following table illustrates that proved our steady decline in the death rate since 1920.

Year	No. of Deaths	Rate per 100,000 population
1920	106	62.
1930	58	33.
1940	21	8.8
1944	17	7.
1950	17	7.
1954	19	4.3

Hospitalization

There was a monthly average of 147 patients hospitalized in the various Sanatoria during the year 1954. This is a considerable reduction in the monthly average of patients hospitalized during 1953 (214 patients), in 1952 (199 patients), in 1951 (191 patients) and in 1950 (198 patients). The monthly average number of patients in the various Sanatoria was:

Ninette	56
St. Boniface Sanatorium	77
Central Tuberculosis Unit	14
Total	147

X-ray Survey

During 1954 the chest X-ray survey programme continued to expand. The mobile 70mm. machine previously purchased by the Manitoba Sanatorium Board and loaned with staff to the City Health Department, the equivalent of 4 full X-ray units at the City Hall and two other 70mm. 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 88,424 individuals.

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1956

Industrial Surveys

One thousand, one hundred and eighty-four (1,184) 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 76 sites where the X-ray machines were set up. Ninety-seven point four per cent (97.4%) 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.....	76
No. of industries X-rayed.....	1,184
Average Attendance.....	97.4%

No. of industrial X-rays taken.....	36,463
No. of school children X-rayed.....	8,821
No. of private school children X-rayed.....	1,245
Total 70 mm. X-rays.....	46,529

4 x 5 Unit at City Hall

No. of survey, contact, and patients X-rayed.....	7,348
No. of pre-employment X-rays.....	4,545
Total 4 x 5 X-rays.....	11,893

TOTAL X-RAYS TAKEN DURING 1956..... 58,422

Nine new cases of pulmonary tuberculosis were discovered during the year which is 18.3% 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

Year	By all means	By City Health Surveys	% of Total found by City Health Surveys
1951	77	22	28.6%
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%

There was a ratio of one new case discovered for every 6,491 individuals X-rayed. Once again the progress that is being made in eradicting this disease is evident in Table III which shows that in 1950, out of every 2,042 individuals X-rayed one new unsuspected case of Tuberculosis was discovered compared to one out of every 6,491 individuals X-rayed in 1956.

DIVISION OF HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1964

Industrial Survey:

The Division, one hundred and eighty-four (1,184) offices, business and industrial concerns were provided with the opportunity for their employees to have a chest survey at one or other of the 76 sites where the X-ray machines were set up. Thirty-seven hundred and four (3,704) of the employees of these business concerns attended for an X-ray.

Table I lists the activities of the Survey Units.

Table I - Survey Units

No. of operational sites	76
No. of industries X-Rayed	1,184
Average attendance	37.4%
No. of industrial X-Ray units	34,463
No. of school children X-rayed	9,847
No. of private school children X-rayed	1,542
Total 70 mm. X-Rays	45,852
No. of survey, contacts, and patients X-rayed	7,342
No. of pre-employment X-rays	4,242
Total 4 x 5 X-Rays	11,893
TOTAL X-RAYS TAKEN DURING 1964	56,445

Nine new cases of pulmonary tuberculosis were discovered during the year which is 16.3% of the total number of new active pulmonary cases discovered by all agencies such as private physicians, hospitals, Hospitals, private and public clinics. (See Table II)

Table II - Active Cases of Pulmonary Tuberculosis Discovered Annually

Year	By all agency	By Div. Health Survey	Chest Health Survey
1959	79	44	35.5%
1960	81	44	54.3%
1961	94	44	47.8%
1962	87	40	53.1%
1963	49	37	25.4%
1964	40	31	22.5%

There was a total of 40 new case discoveries for every 5,420 individuals examined. Once again the phenomenon was in being made in municipalities this disease is evident in Table III which shows that in 1964, one of every 2,634 individuals X-rayed was found to have tuberculosis - one discovered compared to one of every 4,541 individuals X-rayed in 1963.

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1956

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
1950	44,916	22	.5 or 1 every 2,042 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

In addition to these new unsuspected case 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 1,134 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 1,134 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 5 of the 9 new cases discovered during the year were discovered by the X-ray Unit at City Hall among 11,893 X-rays, while only 4 new cases were discovered by the Mobile Units in a total of 36,463 X-rays.

Table IV Source of Active Cases Discovered by the Health Department

Surveys (Industrial and at City Hall)	5
Pre-employment	1
Referred by Private Physician	1
Individuals	2
Total	9

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. Seven cases or 78% of the 9 new cases were discovered in the 20 to 60 age group.

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

	0-19 yrs.		20-39 yrs.		40-59 yrs.		60 yrs.		
Year	No.	%	No.	%	No.	%	No.	%	Total Cases
1950	1	4%	18	82%	3	14%	-	-	22
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

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1956

The extent of disease on discovery for the 9 new cases found was:

Extent	No. of Cases	
	1955	1956
Minimal	3	6
Moderately Advanced	7	2
Far Advanced	1	1

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.

R. G. Cadham, M.D., D.P.H.,
Deputy Medical Health Officer.

TUBERCULOSIS CONTROL

TUBERCULOSIS CASES AND SUPERVISION

New diagnosis reported in 1956 (Pulmonary, non-pulmonary and Pleurisy with effusion):

Female	61	
Male	68	128

New cases of Tuberculosis reported to City Health Department in 1956

New Diagnosis - Active and Inactive:			
Pulmonary	90		
Non-pulmonary	24		
Pleurisy with effusion	14	128	
Old cases transferred from outside points into City		62	190

No. of active cases among new diagnosis in 1956:

Pulmonary t.b. active	49	
Pulmonary t.b. activity doubtful	8	
Pleurisy with effusion active	14	
Non-pulmonary tuberculosis	19	90

Known cases transferred into City during 1956	62
Known cases transferred out of City during 1956	35

Average No. Patients in Sanatoria during 1956.....147

Average No. cases under supervision during 1956.....1,327

No. Deaths from Tuberculosis during 1956:

Pulmonary	12	
Non-pulmonary	3	15

Reports from Chest Clinics and Sanatoria during 1956:

Regarding Tuberculosis Cases	2,381	
Regarding Tuberculosis Contacts	1,138	3,519

TUBERCULOSIS CONSULTANT - 1956

Personal interviews in office	17
Individual conferences with nurses on phone or in office	205
Conferences with Doctors re patients	18
Conferences with Agencies	116
Visits to Sanatoria	16
Visits with patients in Sanatoria	335
Meetings	1
Visits to place of business	1

Visits of Public Health Nurses to homes of Tb. cases during 1956 - 1,004

Tuberculosis control

TUBERCULOSIS CASES AND SUPERVISION

New diagnosis reported in 1956 (Pulmonary, non-pulmonary and Pleurisy with effusion):

Female.....	81	
Male.....	58	139

New cases of Tuberculosis reported to Sterilisation Department in 1956

New Diagnosis - Active and Inactive:

Pulmonary.....	90	
Non-pulmonary.....	24	
Pleurisy with effusion.....	14	128
Old cases transferred from outside points into City	62	190

No. of active cases among new diagnosis in 1956:

Pulmonary t.b. active.....	49	
Pulmonary t.b. activity doubtful.....	0	
Pleurisy with effusion active.....	14	
Non-pulmonary tuberculosis.....	19	82

Known cases transferred into City during 1956..... 62
Known cases transferred out of City during 1956..... 32

Average No. Patients in Sanatoria during 1956.....1,[illegible]

Average No. cases under supervision during 1956.....1,[illegible]

No. Deaths from Tuberculosis during 1956:

Pulmonary.....	12	
Non-pulmonary.....	5	17

Reports from Chest Clinics and Sanatoria during 1956:

Reporting Tuberculosis Cases.....	[illegible]	
Reporting Tuberculosis Contacts.....	1,[illegible]	[illegible]

THE TUBERCULOSIS DEPARTMENT - 1956

Personal interviews in office.....	17
Individual conferences with nurses on duty in office.....	[illegible]
Conferences with doctors re patients.....	16
Conferences with specialists.....	116
Visits to Quarters.....	16
Visits with patients in Sanatoria.....	231
Meetings.....	1
Visits to place of business.....	1

Visits of Public Health Nurses to homes of Dr. cases during 1956 - 1,004

TUBERCULOSIS CONTROL

X-RAY EXAMINATIONS

Surveys at City Hall - 4 x 5 Unit:

Amalgamated Needletrade	1,245	Main Fish Market	3
Ashdown's Retail	85	Manitoba Cap	9
Ashdown's Wholesale	198	Manitoba Telephone System	25
Baker-Nicholson	13	Manitoba Wholesale Grocers	31
Brill Hat & Cap	31	McCaine Electric	12
Buffalo Cap	26	McColl-Frontenac Oil Company	25
Canadian Industrial Limited	3	McLaren Hotel	34
Canadian John Manville	24	National Employment	201
Canadian Wheat Board	41	Olympic Togs	119
Chan's Cafe	2	Oretzke Store	20
Children's Aid Society	88	Original Food Bar	10
Chinese League	44	Pre-Natal	42
City Dray	40	Quality Pant	5
Civic Lunch	13	R. L. Crain	11
Claude Neon-Ruddy Kester	74	Rainbow Lunch	8
Clay Law	10	Redwing Cartage	7
Confederation Life Building	120	Riteway Limited	13
Cronkhite Company	7	Robinson Weber	22
Deloitte, Plender, Haskins & Sells	26	Royal Bank Building	105
Dominion Envelope	2	St. Regis Hotel	4
Donald Hart	21	Service Sportswear	11
Dressler's	84	Sharpe's Auto-Electric Limited	27
Eaton's of Canada	1	Shop-Easy	151
Gerb Manufacturing	11	Stall Fur	19
Great West Life	1	Stall Sportswear	87
Hargrave Furniture	2	Standard Machine Works	26
Harman Drugs	21	Superior Children's Wear	2
Immigration	375	Topper's Grill	11
Imperial Tobacco	8	University of Manitoba	182
Individuals	3,325	W. L. McKenzie	9
Industrial Catering	2	Waverley Hotel	8
Jacob Fashion	47	Westinghouse Limited	1
Labour Temple	21	Winnipeg Bible Institute	45
Leland Cafe	7	Young Ideas	26
Leland Hotel	19		

Total number of X-rays taken at City Hall during 1956 for Surveys and Individuals..... 7,348

Total number of visits to terms on City Hall during 1954 for Surveys and Individuals 1,348

PRE-EMPLOYMENT FILMS TAKEN AT CITY HALL

British American Oil	1	International Harvester	34
Bristol Aircraft Limited	114	Kimberley-Clark	18
Canada Packers	8	Lever Brothers	6
Canadian Aviation Electronics	56	Manitoba Club	18
Canadian Fire Insurance	27	Manitoba Power Commission	2
Canadian Garment	3	Manitoba Telephone System	158
Canadian Industries Limited	8	Marshall Wells Limited	41
Canadian Oil	1	Merchants' Consolidated	1
Canadian Pacific Railway	1,166	Moore Business Forms	32
Canadian Westinghouse	10	McColl Frontenac	6
Canadian Wheat Board	136	Paulin Chambers	117
Christie Brown	27	Prudential Assurance	1
Ciba Company	2	Royal Bank of Canada	143
Civic Employees	450	Royal Trust	10
Department of National Revenue	51	School Board	247
Dupont Company Limited	4	Shop-Easy	3
Eaton's of Canada	1,185	Sun Life Assurance Company	1
Federated Co-operatives	1	Thomas Rathwell	1
General Electric X-ray	1	Trans Canada Fur Limited	12
Great West Life	20	Tuckett's Tobacco	2
Greater Winnipeg Transit Commission	177	Victorian Order of Nurses	7
Greater Winnipeg Water District	6	Weston's	16
Hudson Bay House	18	Winnipeg Brass	2
Hudson Bay Store	1	Winnipeg & Central Gas Company	98
Imperial Tobacco	8	Winnipeg Electric Company	88

Total number of Pre-employment films taken at City Hall during 1956... 4,545

Total X-rays taken at City Hall for surveys, Individuals and referred by Doctor during 1956..... 7,348

Total X-rays taken at City Hall during 1956..... 11,893

TUBERCULOSIS CONTROL

X-RAY EXAMINATIONS

OUTSIDE AND INDUSTRIAL SURVEYS - 70 mm. Unit

Building Products	191
Burns & Company	606
Canada Cycle & Motor	179
Canada Wire & Cable	61
Canadian Aviation Electronics	211
Canadian Cellucotton	74
Canadian National Inst. for Blind	129
C.N.R. - Depot	1,178
C.N.R. - Freight	385
C.N.R. - Fort Garry	238
C.N.R. - Fort Rouge	1,737
C.N.R. - Telegraphs	307
C.N.R. - Transcona	2,488
C.N.R. - Stores	273
C.P.R. - Depot	498
C.P.R. - Express	157
C.P.R. - Freight	375
C.P.R. - Royal Alexandra	266
C.P.R. - Telegraphs	262
C.P.R. - Weston Shops	1,691
C.P.R. - Yards	801
Canadian Westinghouse	118
Canadian Wheat Board	525
Cancer Research	116
Carter Motors	227
Christie Brown	152
Civil Servants	371
Commercial Building	407
Dickson Motors	277
Department of Health and Welfare	128
Dominion Bridge	289
Drewery's	207
Eaton's of Canada	6,631
Eaton's of Canada - Warehouse	415
Fairbanks Morse	392
Four Province Insurance	500
Free Press Site	854
G. McLean Company Limited	102
General Theatre Supply	341
Grain Exchange	1,332
Great West Life	872
H. D. Houde	275
Hamilton Building	387
Hercules Manufacturing	102
Hudson Bay Company	811
Hudson Bay Company - Service	99
Liquor Control	256
Manitoba Blue Cross	122
Manitoba Bridge	339
Manitoba Technical Institute	481
Manitoba Telephone System	256
Marshall Wells	163
Master Textiles	92
Motor Coach Industries	220
Minneapolis Moline	137
Monarch Wear Manufacturing	364
Moore Business Forms	176
McIntyre Block	810
Normal School	494
Ogilvie Flour Mills	267
Paulin Chambers	294
Pellesier's	281
Phillips Paint	408
Power Building	461
Rice Sportswear	109
St. Regis Hotel	114
Salvation Army	125
Scarfe's Paint	364
Sherwin Williams	154
Silverwood's Dairies	144
Simon's Limited	108
Toronto General Trust Building	496
Victory Building	140
W. T. Raleigh	117
Western Glove Works	164
Western Paper Box	206
Western Shoe	163
Weston's	152
Young Men's Hebrew Association	249

Total X-rays taken on Industrial Surveys (70 mm. Unit) - Industries.....36,463
Schools.....10,066

Total X-rays taken at City Hall (4 x 5 Unit).....11,893

Total No. Chest X-ray films taken in City during 1956.....58,422

TUBERCULOSIS CONTROL

X-RAY EXAMINATIONS

OUTSIDE AND INDUSTRIAL SURVEYS - 70 mm. Unit

PUBLIC SCHOOL CHILDREN

Carpathia	654
Churchill High	827
Daniel McIntyre	1,020
Gordon Bell	598
Isaac Newton	587
Kelvin	1,061
Lord Selkirk	1,088
River Heights	996
St. John's Tech	1,001
Technical Vocational	989

SEPARATE SCHOOLS & COLLEGES

Manitoba Technical Institute	674
Mennonite Brethren College	290
Success Commercial College	281

Total number of Public School Children X-rayed	8,821
Total number of Private School Children X-rayed	1,245
Total number of School Children X-rayed during 1956	10,066

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MEDICAL AND NURSING SERVICES

Supervisory Report

Conference in District Office (staff)	1,983
Conference in District Office (other than staff)	178
Supervisory visits (home, school, child health centre, pre-natal class).	332
Meetings (District Office staff)	84
Meetings (Supervisory or other)	111
Inspection for licensing of boarding homes	79

Children Examined for Fresh Air Camps

Camp Morton	179
Camp Manitou	157
Anglican Camp	8
Salvation Army Camp	197
C.G.I.T.	64
TOTAL	605

MEDICAL AND NURSING SERVICES

Supervisory Reports

Conferences in District Office (staff)	4,383
Conferences in District Office (other than staff)	172
Supervisory visits (home, school, child health centre, pre-natal clinic)	232
Meetings (District office staff)	84
Meetings (Supervisory or other)	133
Inspection for licensing of boarding homes	72

Children Examined For Fresh Air Camps

Camp Norton	179
Camp Manitou	127
Anglican Camp	8
Salvation Army Camp	192
O.C.I.T.	34
TOTAL	605

VICTORIAN ORDER OF NURSES SERVICE SUMMARY FOR THE YEAR 1956

Total number of new cases	2,443
Nursing Care Visits:	
Pre-Natal	25
Post-Natal	69
Newborn	761
Infant	128
Pre-School	96
School	113
Adult	34,793
Health Instruct Visits:	
Pre-Natal	28
Post-Natal	630
Newborn	700
Infant	818
Pre-School	203
School	26
Adult	648
Not Seen	630
On behalf of patient	16
TOTAL	42,127

VITAL STATISTICS OF MEMBERS DEPENDING ATTACHED FOR THE YEAR 1944

Total number of new cases	2,462
Nursing Care Visits:	
Pre-Natal	25
Post-Natal	59
Newborn	781
Infant	128
Pre-School	96
School	112
Adult	34,793
Health Instruct Visits:	
Pre-Natal	38
Post-Natal	630
Newborn	780
Infant	843
Pre-School	242
School	26
Adult	548
Met Death	690
On behalf of patient	16
TOTAL	40,127

DIVISION OF CHILD MEDICAL SERVICES

Accidents Reviewed

Total Accidents reported by Principal and Nurse 929

Communicable Diseases in School Children	1955	1956
Total Number of Chickenpox	178	141
Total Number of Measles	614	147
Total Number of Mumps	232	143
Total Number of Scarlet Fever	43	27
Total Number of Whooping Cough	54	25
Total Number of Poliomyelitis	2	1

Report on Health Inspection of School Children by Public Health Nurse

Pupils examined in Health Service Rooms by nurses 32,636

- Exclusion from school 3,492
  - Miscellaneous 2,207
  - Pediculosis 153
  - Skin conditions 507
  - Suspect communicable disease 625
- Others for admission and re-admission 2,636
- Treatments given, accidents, etc.....13,655
- Children prepared for complete physical 12,850

Classroom inspections by school nurse 2,284
- General 1,791
- Acute communicable 383

Conferences re pupils by nurses 75,979
- With pupil 45,036
- With parent 13,365
- With teacher 2,160
- With others 14,460
- District Conferences 233

Group teaching in classroom 906

Home visits to school children made by nurses (exclusive of communicable disease visits).... 5,051

DIVISION OF CHILD HEALTH SERVICES

Accidents Reviewed

Total Accidents reported by Patrolmen and Nurses 929

Communicable Diseases in School Children

	1922	1926
Total Number of Chickenpox	178	142
Total Number of Measles	614	147
Total Number of Mumps	292	143
Total Number of Scarlet Fever	43	27
Total Number of Whooping Cough	54	25
Total Number of Poliomyelitis	2	1

Report on Health Inspection of School Children by Public Health Nurse

Pupils examined in Health Service Rooms by nurses 32,636

Exclusion from school 3,492
Miscellaneous 2,207
Pediculosis 157
Skin conditions 307
Suspect communicable disease 629

Others for admission and re-admission 2,596
Treatments given, accidents, etc. 13,655
Children prepared for complete physical 12,350

Classroom inspections by school nurse 2,284
General 1,791
Acute communicable 383

Conferences re pupils by nurses 75,979
With pupil 45,036
With parent 13,365
With teacher 2,160
With others 14,460
District Conferences 23

Group teaching in classroom 906

Home visits to school children made by nurses (exclusive of communicable disease visits) 5,051

DIVISION OF PUBLIC HEALTH NURSES

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

		HOME	DISTRICT OFFICE
Health:	Newborn	5,242	153
	Under 1 year	4,801	828
	Pre-school children	7,429	466
	School children	5,886	821
	Adults	5,081	458
Pre-Natal		685	223
Post-Natal		4,850	101
Attendance at Pre-Natal Class		2,372	-
Morbidity:	Tuberculosis	1,089	348
	Acute communicable	406	41
	Non-communicable	858	53
Unclassified:	Not found	4,172	101
	Not taken under care	228	-
	Special activity	485	105
	TOTALS	43,584	3,698

Hospital Health Service Report

No. of meetings attended	20
No. of clinics attended	341
No. of interviews (on wards and at clinics)	2,736
No. of conferences with doctors	543
No. of conferences with nurses (provincial and city)	2,007
No. of conferences with agencies	601
Miscellaneous conferences on behalf of patients	2,018
Referral of cases to O.P.D. by District, Province and Agencies	1,677
Referral of cases by O.P.D. to District, Province and Agencies	1,355
No. of social histories taken	25
No. of Child Health Centres attended	26

DIVISION OF PUBLIC HEALTH NURSING

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

		Number overall
Health:	Newborn	5,942
	Infant 1 year	4,600
	Pre-school children	5,929
	School children	5,305
	Adults	3,021
Pre-Natal		222
Post-Natal		1,028
Attendance at Pre-Natal Clinics		5,372
Morbidity:	Tuberculosis	1,089
	Acute communicable	406
	Non-communicable	858
Unclassified:	Not found	4,172
	Not taken under care	228
	Special activity	1,894
TOTALS		23,484

Mental Health Service Record

No: of meetings attended	20
No: of clinics attended	341
No: of interviews (on wards and at clinics)	2,720
No: of conferences with doctors	543
No: of conferences with nurses (provincial and city)	2,007
No: of conferences with agencies	600
Miscellaneous conferences on behalf of patients	2,618
Referral of cases to O.T.D: by District, Province and Agencies ..	1,677
Referral of cases by O.T.D: to District, Province and Agencies ..	1,655
No: of social histories taken	45
No. of child Health Centres attended	36

DIVISION OF CHILD MEDICAL SERVICES

OCULIST'S REPORT

Number of clinics held			263
Number of children examined:	New	531	
	Re-examined	599	1,110
1. Refractions completed		571	
2. Refractions not completed		373	
3. Refractions not needed		99	
4. Returned for observation		67	
Completed refractions			571
Not needing glasses		120	
Glasses prescribed		398	
No change in prescription		53	
Children found with 1/3 or less of normal vision with glasses			6
Glasses discontinued			11
Out-Patient Consultations			1,500
Referred to Orthoptic Clinic			24

AUDIOMETER REPORT

Number of children tested 5,202

First tests 4,449

Re-tests 693

Number of defects 241

Teachers and others tested 111

DIVISION OF CHILD DENTAL SERVICES

Dental Services Rendered:

No. of extractions 2,254

No. of fillings 2,276

No. of prophylaxis 84

No. of treatments (other than above) 2,662

No. of patients entering clinic 3,977

No. of completed cases 1,999

No. of emergencies 2,231

No. of new patients entering clinic 1,236

AUDIOMETER REPORT

Number of children tested 5,202

Ears tests 4,414

Re-tests 593

Number of defects 281

Tonsils and others tested 141

DIVISION OF ORAL DENTAL SERVICES

Dental Service Department

No. of extractions 2,254

No. of fillings 2,276

No. of prophylaxis 84

No. of treatments (other than above) 2,662

No. of patients entering clinic 3,277

No. of completed cases 1,259

No. of emergencies 2,234

No. of new patients entering clinic 1,256

DIVISION OF PUBLIC HEALTH NURSING

Child Health Centres

No. of Child Health Centres 11
No. of Child Health Centre sessions held 484

No. of new babies admitted 1,783
Infants 1,463
Pre-School 320

Total attendance at sessions 26,659
Infant 10,006
Pre-School 16,425

No. of doctors' examinations 2,043
Infant 1,570
Pre-School 383

No. of doctors' consultations with mothers 252

No. of home visits re child hygiene (birth registration, etc.).23,347

No. of cases referred to private doctor or hospital clinic 399

No. of immunizations by doctors at Child Health Centres 19,657

ATTENDANCE AT CHILD HEALTH CENTRES

Harrow United	4,071	for 44 afternoons
St. Matthews	3,745	for 45 afternoons
St. Pauls (Jan. - June)	1,314	for 20 afternoons
St. Judes (July - Dec.)	2,115	for 26 afternoons
Sparling	1,402	for 45 afternoons
St. Andrews	2,010	for 45 afternoons
Holy Trinity	2,129	for 47 afternoons
Grey St. United (Jan. - Sept.)	570	for 33 afternoons
Chalmers (Oct. - Dec.)	1,045	for 12 afternoons
Children's Hospital (Jan. - Nov.)..	1,957	for 42 afternoons
Mount Carmel Clinic (Dec.)	75	for 3 afternoons
Robertson House	4,220	for 46 afternoons
Stella	1,473	for 44 afternoons
St. Barnabus (Jan.- Aug.)	287	for 27 afternoons

Physical Examinations of School Children

1. Total number of children examined by medical examiners 9,075
2. Total number of children with one or more defects 4,669
3. Total number of children with defects for which treatment has been completed or provided for 1,182
4. Total number of children examined by doctor for special reasons ... 1,621
5. Total number of parents invited to physical examination 3,653
6. Total number of parents present at physical examination 2,438

DIVISION OF TOWN MEDICAL HEALTH MUSEUMS

Child Health Centres

No. of Child Health Centres 11
No. of Child Health Centres receiving meals 444

No. of new babies registered 1,763
Infants 1,463
Pre-School 320

Total attendance at sessions 26,629
Infant 10,006
Pre-School 16,623

No. of doctors' examinations 2,043
Infant 1,570
Pre-School 383

No. of doctors' consultations with mothers 232

No. of home visits by child hygiene (birth registration, etc.) 23,447

No. of cases referred to private doctor or hospital clinic 399

No. of immunisations by doctors at Child Health Centres 19,557

ATTENDANCE AT CHILD HEALTH CENTRES

Barrow United ..... 4,078 for 44 attendances
St. Matthews ..... 3,743 for 45 attendances
St. Paul's (Jan. - June) ..... 1,724 for 20 attendances
St. Jude (July - Dec.) ..... 2,115 for 26 attendances
Gawler ..... 1,402 for 45 attendances
St. Andrews ..... 2,048 for 45 attendances
Holy Trinity ..... 2,124 for 47 attendances
Grey St. United (Jan. - June) .... 370 for 39 attendances
Gilmore (Jan. - June) ..... 1,045 for 12 attendances
Children's Hospital (Jan. - Nov.) ..... 1,027 for 42 attendances
Infant Welfare Clinic (June) ..... 75 for 3 attendances
Enfield Road ..... 4,220 for 44 attendances
Kilkenny ..... 1,272 for 44 attendances
St. Bernadine (Jan. - Aug.) ..... 487 for 27 attendances

Physical Examinations of School Children

1. Total number of children examined by medical examiners 9,079
2. Total number of children with one or more defects 4,009
3. Total number of children with defects for which treatment has been not provided for 1,122
4. Total number of children examined by doctor for special reasons 1,423
5. Total number of persons invited to physical examination 3,653
6. Total number of persons present at physical examination 3,438

I 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)

Late in 1955 the work load formerly carried by the Division of Housing and Sanitation was divided by making two divisions, one for Housing and one for Sanitation. This coupled with the addition of nine inspectors to the staff set the stage for a busy year for the Inspections Branch. During the year a number of events took place which all had some effect on the work.

Five inspectors resigned during the year and were not replaced due to difficulty encountered in obtaining qualified applicants.

The Liquor Control Act was amended in July making it mandatory that fruit juices, sandwiches etc. be served in beer parlors. Suitable arrangements had to be made for the storage and serving of foodstuffs in these liquor outlets. A vote later in the year paved the way for the serving of liquor in approved restaurants, dining rooms etc.

In August new regulations respecting Rooming Houses were enacted under the Public Health Act. These regulations permitted definite action being taken to improve sanitary conditions in rooming houses, and to provide that such rooming houses have adequate toilet facilities, hot water etc. Considerable improvement in the sanitary condition of rooming houses had been effected by the end of the year.

A sanitary survey of all public schools in the City was completed and a report on same prepared for submission to the School Board.

After considerable discussion several amendments were made to the Zoning By-law, chief of which was transferring the enforcement of the by-law from the Health Officer to the Building Commissioner. At the same time the establishment for inspectors was reduced by three positions.

The following pages give in detail the activities of each Division of the Branch for the year.

E.J. Rigby, D.V.M.,
Chief Health Inspector.

FOOD DIVISION

Food inspection service entails the supervision of all food outlets wherein food is prepared, served, stored or sold whether retail, wholesale or produced. This supervision is carried out in order that all food partaken by the public is not injurious to the health.

During 1956 twelve new food handling buildings were constructed; with major renovations carried out in thirty-five other food handling buildings. Numerous enquiries were dealt with pertaining to renovations to be carried out early in 1957 in restaurants, clubs, etc. in order to meet with requirements of the Manitoba Liquor Control Act to qualify for a license to serve liquor refreshments on or after March 1, 1957.

It will be noted that bacteriological swab testing which is used to demonstrate the efficiency of dish washing in restaurants, glass washing in beer parlors and equipment in food mixing plants was not carried on during the month of October, November and December due to the inspector who carried on this work resigning and joining the bacteriological laboratory staff of a large private firm.

This Division at the end of 1956 had a staff of one principal inspector and five inspectors; the establishment being short one inspector and one swab test operator.

The following pages list in detail the number and type of inspections carried out and show the condemnations of foodstuffs found to be unsuitable for human consumption during 1956.

R.C. Morrow, D.V.M.,
Principal Food Inspector.

FOOD DIVISION

Food inspection service entails the supervision of all food outlets wherein food is prepared, served, stored or sold whether retail, wholesale or produced. This supervision is carried out in order that all food partaken by the public is not injurious to the health.

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The following pages list in detail the number and type of inspections carried out and show the condemnations of foodstuffs found to be unsuitable for human consumption during 1956.

R.C. Morrow, D.V.M.,
Principal Food Inspector.

INSPECTIONS BRANCH

FOOD SECTION

January to December 1956

	Licensed Premises	Inspections	Contacts
Abattoirs	1	1	22
Bakeries		657	77
Beer parlors	51	206	151
Bottling plants		28	35
Candy manufacturers		71	36
Canteens and hotel kitchens		285	38
Caterers	47	249	48
Cereal mills		33	15
Dance halls (banquet)	58	73	1
Fish-filleting, cold storage, etc		72	121
Fish and chips stands	1	8	--
Frozen food locker plants	3	11	13
Ice cream parlors		30	10
Ice houses and depots	9	17	10
Pickle and vinegar factories	3	12	45
Poultry slaughterhouses	11	94	105
Puffed grain factories	1	1	--
Producer's markets, vegetable stalls	2	14	22
Restaurants	500	4,415	643
Retail food stores, grocers, butchers, etc		3,594	470
Sausage factories	14	135	110
Wholesale-groceries, vegetables		156	25
Vehicles		70	38
Fires in food establishments		62	96
Miscellaneous calls		162	--
Plans approved		40	--
Special calls		322	58
Lectures		2	

Complaints..... 271

Notices:
- Verbal..... 2,896
- Written..... 1,077

Samples examined:
- Food..... 1,493
- Ice..... 3
- Water..... 12

Bacteriological tests (Jan. 1 to Sept. 30)

	No. Premises	No. Utensils
Restaurants, Beer parlors, Hotel kitchens	1,052	3,256

I N S P E C T I O N S I N B A S E L

FOOD SECTION

January to December 1936

	Licensed Premises	Inspections	Contraventions
Abattoirs	1	1	2
Bakeries		697	17
Beer parlors	51	296	114
Bottling plants		28	3
Candy manufacturers		71	2
Canteens and hotel kitchens		225	36
Dairies	47	249	4
Cereal mills		23	3
Dance halls (banquet)	58	73	1
Fish-filleting, cold storage, etc.		72	101
Fish and chips stands	1	8	--
Frozen food locker plants	3	11	13
Ice cream parlors		30	1
Ice houses and depots	9	17	10
Pickle and vinegar factories	3	12	4
Poultry slaughterhouses	11	94	105
Rolled grain factories	1	1	--
Producers's markets, vegetable stalls	2	14	2
Restaurants	500	4,415	45
Retail food stores, grocers, butchers, etc.		3,234	47
Sausage factories	14	135	110
Wholesale groceries, vegetables		130	1
Vehicles		70	2
Fires in food establishments		62	2
Miscellaneous calls		162	--
Plans approved		40	--
Special calls		322	51
Lectures		2	

Complaints 271

Notices:

Verbal 2,896

Written 1,077

Samples examined:

Food 1,493

Ice ..... [illegible]

Water ..... [illegible]

Bacteriological tests (Jan. 1 to Sept. 30)

No. Premises	No. Inspections
Restaurants, Beer parlors, Hotel kitchens	1,052

Division of Inspections,
Food Section,
January to December 1956.
(continued)

Condemnations:

Bakery products	1,589	lbs.
Candy	290	"
Canned goods	8,001	"
Cereals	13,568	"
Dairy products	507	"
Eggs	48	"
Fish	107,612	"
Frozen food	5,300	"
Fruit	495	"
Jam	188	"
Meat and meat products	1,374½	"
Poultry	598	"
Proprietary medicine	2,149	"
Sugar	701	"
Tea and coffee	292	"
Vegetables	294	"
Miscellaneous	2,124	"

DAIRY DIVISION

In 1956 a new era came into being in that for the first time, milk was being kept in refrigerated stainless steel tanks on the farm and was being picked up by a tanker truck and delivered to Winnipeg. At the end of 1956, some 22 producers were shipping their milk in this fashion amounting to around 17,000 lbs. daily.

During the year milk was being received from some 1,318 producers amounting to 157,182,354 lbs. for the year. 4,736 contacts and inspections were made of the dairy farms. Each producers milk was tested twice each month for quality and 2,681 samples of milk, cream and ice cream being sold to the consumer were tested. The quality of the milk received from the producer continues to improve along with the quality of the milk received by the consumer.

R. Bentham,
Principal Dairy Inspector.

INSPECTIONS BRANCH

DAIRY DIVISION

January to December - 1956

		Inspections	Contacts
FARM:	Milk Producers.....	3,247	1,489
	Producer-Distributors.....	39	3
	Prospective Producers.....	135	17
	Milk Haulers Inspected.....	410	
CITY:	Pasteurization Plants.....	247	2,777
	Ice-cream Manufacturers Inspected	356	
	Counter Freezers Inspected.....	449	
	Butter Plants Inspected.....	142	
	Cheese Plants Inspected.....	129	
	Vehicles-Delivery Inspected.....	88	
	Cans Inspected.....	10,122	
SAMPLES TAKEN:	Swabs of Equipment.....	2	
	Water Samples.....	84	
	Milk Retail Samples.....	1,387	
	Milk Shippers, Samples.....	33,017	
	Cream Samples.....	573	
	Ice-cream Samples.....	633	
	Bottles for Sterility.....	66	
	Special Samples.....	1,292	
GENERAL:	Special Calls.....	1,419	
	New Permits Issued.....	56	
	Cancellations Made.....	110	
	Cans Condemned.....	1,253	
	Milk Condemned.....	4,260 lbs.	
	Complaints.....	12	
	Temperatures Taken.....	7,991	
	Samples Tested.....	1,958	
	Letters Sent: Premises.....	1,114	
	Notices Sent: Quality of Milk...	9,401	
	Notices Sent: Poor Cans.....	469	

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

BACTERIOLOGICAL LABORATORY

January to December - 1956

WATER ANALYSIS.....	Standard Plate Count.....	2,866
	Presumptive Test.....	2,866
	Confirmed Test.....	737
	Average No. Bacteria per/ml.....	303.23
MILK & CREAM.....	Standard Plate Count.....	2,126
	Babcock Test.....	1,985
	Coliform Test.....	2,139
	Phosphatase Test.....	2,102
	Breed Count Test.....	4
	Resazurin Test.....	32,769
ICE-CREAM.....	Standard Plate Count.....	439
	Coliform Test.....	643
MILK BOTTLES.....	Bacterial Test.....	66
DIAGNOSTIC.....	Diphtheria Swabs.....	380
	Sputa for T.B.....	2
	Smears for G.C.....	4
	Urinalysis.....	432
TOTAL TESTS.....		49,560

HOUSING AND ZONING DIVISION

This Division is concerned with the enforcing of the City Health By-law and the Regulations under the Public Health Act as they apply to dwellings, rooming houses, apartment blocks, hotels and welfare institutions in the City.

The new rooming house regulations came into effect in August and before the end of the year results were noticeable in the enforcement of these regulations. In the latter part of the year the enforcement of these new rooming house regulations resulted, in part, in the installation of additional plumbing fixtures in 33 rooming houses, the installation of adequate water heating facilities in 40 such buildings, and the repairing of walls, ceilings or floors in 109 rooming houses.

Enforcement of the by-law which requires that tenants be provided with sufficient heat in the colder months continued to require much of the inspectors' time. The inspectors were successful in getting the temperatures raised to comply with the by-law in 365 apartment blocks and rooming houses.

There were 172 zoning violations remedied during the year. At the end of the year the zoning enforcement work was transferred to the Engineering Department.

During the year 44 residential buildings were placarded as unsanitary. Police court summonses issued by the Division numbered 57 and the total fines imposed, including costs of Court, totalled $860.00

1,615 complaints were received and attended to.

The following page gives details regarding the achievements of the Division during the year 1956, and the next following page gives a break-down of our Police Court activities.

George Kelly,
Principal Inspector,
Housing and Zoning.

Housing and Zoning Division
(Continued)

Inspections and reinspections: 7,633

Complaints attended to: 1,615

Notices Issued:

Verbal warnings:	2,207
Letters of warning:	585
Mandatory:	737
Closing notices:	142
Sewer and water:	4

Premises placarded "Unsanitary": 44

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

Zoning By-law violations remedied:	172	
Overcrowding remedied:	84	families
Damp or dark cellars vacated:	22	cellars
Unsatisfactory attics vacated:	42	attics
Dirty buildings cleansed throughout:	197	buildings
Fly screens and/or storm sash provided:	149	buildings
Bed bugs exterminated:	108	buildings
Cockroaches exterminated:	93	buildings
Rats or mice exterminated:	99	residential properties
Defective plumbing repaired:	276	buildings
Additional plumbing installed to comply with roominghouse regulations	33	roominghouses
Hot water provided:	40	buildings
Walls, ceilings, floors repaired:	109	buildings
Redecorated:	25	buildings
Leaky roofs repaired:	139	buildings
Defective eavestroughing renewed:	111	buildings
Sufficient heat provided:	365	buildings
Defective cellars repaired:	44	cellars
Defective heating equipment renewed:	92	buildings
Miscellaneous defects remedied:	343	buildings

Housing and Zoning Division
(Continued)

Police Court Cases

	Convictions	Dismissals	Withdrawals	Total Fines
Zoning By-law	27	2	3	$590.plus costs of Court
Heating By-law	10	0	1	60. " " " "
Obstruction of inspectors in performance of duties	3	1	0	25. " " "
Plumbing Regulations	2	0	2	10. " " "
Vermin infestation	1	0	1	10. " " "
Failure to renew defective furnace	1	0	0	5. " " "
Failure to repair defective cellar	1	0	0	5. " " "
Failure to vacate condemned premises	0	0	1	-
Failure to repair leaky roof	0	0	1	-
	45	3	9	$705. plus costs of Court

SANITATION AND HYGIENE DIVISION

Previous to November 1, 1955 this Division was combined with the Housing and Zoning Division and was known as the Housing and Sanitation Division. On November 1, 1955 an order in Council was passed which divided the Housing and Sanitation Division and formed two Divisions called "Sanitation and Hygiene" and "Housing and Zoning". The year 1956 is, therefore, the first year in which our annual report covers a period of twelve months. The staff consists of one principal inspector, one assistant principal inspector and six district inspectors.

The division is charged with the rountine inspection of all 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, vacant lots, lanes and streets, workmen's closets, noises, smoke, fumes, dust and odors, infestations of mice, rats and squirrels, and on pigeons and poultry. The division is responsible for the collection of all water samples.

This year considerable work has been done in the inspection of factories and workshops. Many of these premises had insufficient sanitary fixtures. Especially lacking were wash-basins and drinking fountains. Some premises where originally an all male staff was employed there are now female clerks. It was necessary therefore to have installed plumbing fixtures for the use of females. Some ventilation problems were met. In one garage alone it was necessary for the firm to spend $850.00 to improve the ventilation system to keep the premises free of carbon monoxide. Smoke, fumes and dust problems were mostly confined to foundries and control measures are still proceeding. A number of noise complaints were dealt with and some measure of success was attained with this difficult problem.

All of the Winnipeg Schools were inspected during 1956 and the report dealt with cleanliness, lighting and the condition and number of sanitary fixtures.

Swimming pools receive periodic inspection with water samples being taken at least once per week.

To ensure the safety of our drinking water an average of 45 samples, for bacteriological analysis, were taken each week at strategic points throughout the City.

A perusal of the statistics following will show that the division made a total of 15,241 inspections and re-inspections, and that 5,483 defects were dealt with.

INSPECTIONS BRANCH

DIVISION OF SANITATION AND HYGIENE

January to December 1956.

Licensed:	Inspections
Billiard parlors	119
Bowling alleys	30
Dance halls	70
Dog kennels	8
Hatcheries, and pet shops	12
Junk yards	103
Laundries	104
Massage premises	67
Poultry keepers	25
Roller skating rinks	2
Second hand stores	316
Soap manufacturing	5
Stables - board, feed and sale	24
Tanneries and hide curing	5
Undertaking parlors	10
Total	900

Unlicensed:	
OFFICES, WORKSHOPS & FACTORIES	4,467
Comfort stations	59
Community clubs	1
Garbage and refuse	2,357
Lanes, streets, yards and vacant lots	2,438
Schools	114
Swimming pools	202
Workmen's closets	3,273
Zoning	359
Miscellaneous	1,071
Total	9,874

Total number of inspections..... 15,241
Interviews..... 2,245
Estimated value of repairs..... $12,418.00

Complaints..... 1,201

Notices:
- Verbal..... 4,565
- Letter..... 189
- Informal..... 269
- Specification.. 26
- Mandatory..... 53

Water samples and deliveries..... 6,180

INSPECTIONS BRANCH
DIVISION OF SANITATION AND HYGIENE.
January to December 1956
(continued)

Defects, discovered and dealt with:

Cleanliness, lack of	113
Common drinking cups	179
Covered waste receptacles	23
Dampness	13
Drinking facilities (water)	29
Garbage and refuse	1,959
Gas installations	2
Heating: Lack of	71
" Furnaces and equipment	6
" Chimneys, ducts and piping	5
Lanes, streets, yards and vacant lots	1,095
Lighting: Artificial or natural	32
Noises	40
Overcrowding	4
Plumbing: Lack of	13
" Defective	130
" Illegally installed	15
" Insufficient	82
" Dirty fixtures	168
" Lack of legible signs	35
" No water supply	24
" No hot water	6
Pigeons or poultry, illegal	66
Privacy, lack of	5
Rest rooms, lack of	10
" " dirty	14
" " furnishings	12
" " matron, lack of	--
Rodents, rats	204
" mice, other	23
Smoke, dust, fumes, odours	307
Soap and towels, lack of	116
Stables	3
Structural defects: Roofs	23
" " Eavestroughing & R.W.L.	18
" " Cellars, floors, walls	39
Swimming pools, wading pools	67
Unlawful occupation	11
Ventilation	37
Vermin: Roaches, other	27
Workmen's closets	121
Zoning	215
Miscellaneous	121
Total defects and irregularities	5,483

A. Cross,
Principal Inspector,
Sanitation and Hygiene.

EDUCATIONAL AND PUBLICITY PROGRAM - 1956

Films Shown by Public Health Nurses to Pre-Natal Classes

Films Shown	Times Shown	Approximate Attendance
Pre-Natal Care	25	263
Labour & Childbirth	30	350
Post-Natal Care	24	246
Human Reproduction	11	125
Care of the Newborn	9	90
Nine to Get Ready	10	105
Child Care & Development	1	8
Heredity & Pre-Natal Development	11	115
A Normal Birth	24	287
Safe Way To Making Formula	5	42
Why Won't Tommy Eat	10	113
Childbirth Without Fear	2	40
Know Your Baby	11	92
Preface to Life	12	131
Terminal Heat Sterilization	3	22
Human Growth	4	50
Bathing The Baby	8	65
Feeding Your Baby	3	28
Food As Children See It	2	28
Planning For Good Eating	2	21
Baby Care Series	1	9
Foods That Build Good Health	1	7
Frustrating Fours & Fascinating Fives	1	15
Baby Needs His Parents	1	11
Total	211	2,263

Films Shown to School Children, Parents, Teachers and Public Health Nurses -

Why Won't Tommy Eat	1	4
Childbirth Without Fear	4	47
Your Children's Eyes	2	77
Good Posture	1	316
Bathing The Baby	1	6
Feeding The Baby	1	6
Preparing a Formula	1	6
Teachers Observation of School Children	1	12
Total	11	470

Films Shown to Other Groups - Student Nurses, Service Clubs, etc.

Services of the City Health Department	9	369
A Normal Birth	1	42
Hashlinger to Foodhandler	2	129
Yours Children's Eyes	1	80
Total	13	620

CITY HEALTH DEPARTMENT

Summary of Expenditures, 1956
(to nearest dollar)

(a)	Personal Services	$298,540
(b)	Outside Services	65,980
(c)	Material, Supplies and Repairs . . .	29,698
(d)	Equipment, Additions, etc	5,615
(e)	Fuel, Water, Light and Power	284
(f)	Other Expenses	789
(h)	Auto Expenses	13,405
		$414,311

Expenditures by Branches, 1956
(to nearest dollar)

	Service	Total	Personal	Other
C1-1	Administration & Statistics	$23,714	$21,740	$1,974
C1-2	Communicable & Other Diseases . . .	52,267	24,374	27,893
C1-3	Inspection Services & Laboratory .	112,589	95,213	17,376
C1-4	Child Medical Services	44,941	3,346	41,595
C1-5	Child Dental Services	19,370	6,053	13,317
C1-6	Public Health Nursing	159,839	147,815	12,024
C1-7	National Health Grants	1,591	-	1,591
	Totals	$414,311	$298,541	115,770

Gross Cost per Capita ... $1.63

CITY HEALTH DEPARTMENT

Summary of Expenditures, 1956
(To nearest dollar)

(a) Personal Services	298,540
(b) Outside Services	66,880
(c) Material, Supplies and Repairs . . .	10,898
(d) Equipment, Additions, etc	5,845
(e) Fuel, Water, Light and Power	254
(f) Other Expenses	760
(h) Auto Expenses	12,404
	394,581

Expenditures by Programme, 1956
(To nearest dollar)

	Service	Total	Personal	Other
01-1	Administration & Statistics	295,714	221,740	73,974
01-2	Communicable & Other Diseases . . .	32,207	24,274	7,933
01-3	Inspection Services & Laboratory .	112,589	95,313	17,276
01-4	Child Medical Services	44,941	5,346	39,595
01-5	Child Dental Services	19,370	6,053	13,317
01-6	Public Health Nursing	179,839	147,215	32,624
01-7	National Health Grants	1,996	—	1,996
	Totals	686,657	499,941	186,716

Gross Cost per Capita ... $1.69

CITY HEALTH DEPARTMENT

Assistance to Health Services under National Health Grants

Summary of Expenditures, 1956
(to nearest dollar)

(a)	Personal Services	$61,531
(b)	Outside Services	4,425
(c)	Material, Supplies and Repairs	1,606
(d)	Equipment, Additions etc.	409
(h)	Auto Expenses	3,512
		$71,483

Expenditures by Projects, 1956
(to nearest dollar)

	Service	Total	Personal	Other
Cl-7(2)	Cardiac Survey	$4,574	$ 1,270	$3,304
Cl-7(3), Cl-7(4)	Assistance to Health Services .	66,909	60,261	6,648
	Totals . . .	$71,483	$61,531	$9,952

CHIEF HEALTH DEPARTMENT

Assistance to Health Services under National Health Grants

Summary of Expenditures, 1956
(to nearest dollar)

(a) Personal Services	[illegible]
(b) Outside Services	[illegible]
(c) Material, Supplies and Reports	[illegible]
(d) Equipment, Additions etc.	[illegible]
(b) Auto Expenses	[illegible]
	[illegible]

Expenditures by Programs, 1956
(to nearest dollar)

Service	Total	Federal	Other
C1-7(2) Cardiac Survey	[illegible]	[illegible]	[illegible]
C1-7(3), C1-7(4) Assistance to Health Services . .	[illegible]	[illegible]	[illegible]
Totals . . .	[illegible]	[illegible]	[illegible]