

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

Contributors

Winnipeg (Man.). Health Department.

Publication/Creation

[Winnipeg, [1955]

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CITY OF WINNIPEG
HEALTH DEPARTMENT



A N N U A L R E P O R T
of the
M E D I C A L H E A L T H O F F I C E R

YEAR 1955

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

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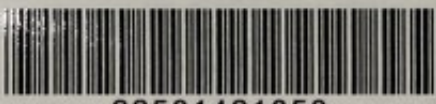


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CITY HEALTH DEPARTMENT

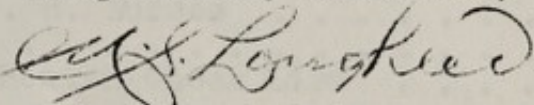
Winnipeg, 1956.

Chairman and Members,
Committee on Health.

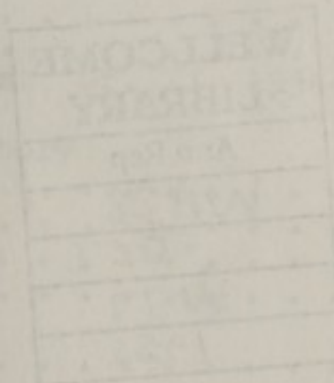
Mesdames and Gentlemen:

I have the honour to present
the annual report for the year of 1955. Recorded
herein are the year's activities of the various
divisions of the Health Department.

Respectfully submitted,



M.S. Lougheed, M.D., D.P.H.,
Medical Health Officer.



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Committee on Health

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I have the honor to present

the annual report for the year of 1955. Attached

hereto are the yearly activities of the various

divisions of the Health Department.

Respectfully submitted,

[Signature]

Director, Health Department
Winnipeg, Manitoba, Canada

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COMMITTEE ON HEALTH

Alderman Maude J. McCreery, Chairman
Alderman H.B. Scott
Alderman J. Cowan
Alderman D. Orlikow
Alderman Lillian Hallonquist
Alderman J. Penner
His Worship Mayor Sharpe (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.

Medical Officers

D. Besant, M.D.	C. S. Livingstone, M.D.
F. J. Coodin, M.D.	R. W. MacNeil, M.D.
A. J. DePape, M.D.	M. H. Markovits, M.D.
R. B. Devlin, M.D.	H. Marlatt, M.D.
N. Doupe, M.D.	R. Millar, M.D.
N. Gemmell, M.D.	R. Okumura, M.D.
W. Grant, M.D.	S. Steinberg, M.D.
D. Grewar, M.D.	H. Sirkis, M.D.
H. Harrop, M.D.	L. Sotolov, M.D.
D. O. Hollenberg, M.D.	J. A. Swan, M.D.
P. Katz, M.D.	M. Weidman, M.D.
D. Kerr, M.D.	K. Wylie, M.D.
M. H. Kowall, M.D.	

Oculist J. McGillivray, M.D.
Medical Supervisor in Nursing Homes . . . W. Turnbull, M.D.
" " " " " . . . J. B. Morison, M.D.
Dental Officer W. R. Morrison, D.D.S.
" " R. W. Scott, D.D.S.
" " E. L. White, 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.

COMMITTEE ON HEALTH

- Albion W. H. ...
- Albion W. H. ...
- Albion W. H. ...
- Albion W. H. ...
- Albion W. H. ...
- Albion W. H. ...
- Albion W. H. ...

STAFF

- Medical Health Officer M.S. ...
- Deputy Medical Health Officer R. G. ...
- Consultant, Child Care Services H. ...

Medical Officers

- | | |
|-----------|--------|
| C. E. ... | E. ... |
| F. ... | F. ... |
| G. ... | G. ... |
| H. ... | H. ... |
| I. ... | I. ... |
| J. ... | J. ... |
| K. ... | K. ... |
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| Y. ... | Y. ... |
| Z. ... | Z. ... |

- ... M.C. ...
- ... M.D. ...
- ... M.D. ...
- ... D.D.S. ...
- ... D.D.S. ...
- ... D.D.S. ...
- Director, Public Health ...
- Chief Health Inspector ...

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 250,00 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 increased 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 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 1955 is 249,069, as determined by the Assessment Commissioner. This figure shows an increase of 5,036 over the 1954 figure of 244,033. However, the natural increase in 1955 (live births less deaths) shows an increase of 3,684.

History

From a historical viewpoint, the City of St. Louis has been a part of the growth and development of the State of Missouri. The city's location on the Mississippi River has made it a major center of commerce and industry. The city's population has grown steadily over the years, and it has become one of the largest cities in the United States.

The present health department was established in 1903. At that time, the health department was a part of the Board of Health, which was created by the City Council. The Board of Health was responsible for the health of the city, and it was the first health department in the city.

The Board of Health was replaced by the Health Department in 1903. The Health Department was created by the City Council, and it was the first health department in the city. The Health Department was responsible for the health of the city, and it was the first health department in the city.

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Land and Population

The City of St. Louis covers a total area of 23 square miles. The city's population is approximately 300,000. The city's location on the Mississippi River has made it a major center of commerce and industry. The city's population has grown steadily over the years, and it has become one of the largest cities in the United States.

The City of St. Louis has a long history of growth and development. The city's location on the Mississippi River has made it a major center of commerce and industry. The city's population has grown steadily over the years, and it has become one of the largest cities in the United States. The city's history is a testament to its resilience and ability to overcome adversity.

Vital Statistics As Registered in Winnipeg, 1955

(Including Non-Residents)

	<u>1955</u>	<u>1954</u>
Live Births	8,991	8,930
Deaths	2,590	2,787
Infant Deaths	222	225
Stillbirths	118	128
Puerperal Deaths	6	5

Summary of Vital Statistics, Residents, 1955

		<u>1955</u>	<u>1954</u>
<u>Live Births</u>	Male	3,046	3,052
	Female	2,970	2,868
	Total	6,016	5,920
Rate per 1,000 Population		24.2	24.3
<u>Deaths</u>	Male	1,376	1,388
	Female	956	940
	Total	2,332	2,328
Rate per 1,000 Population		9.6	9.6
Natural Increase		3,684	3,592
<u>Infant Deaths (-1 year)</u>	Male	97	88
	Female	50	57
	Total	147	145
Rate per 1,000 Live Births		24.4	24.4
<u>Stillbirths</u>	Male	50	41
	Female	29	45
	Total	79	86
Rate per 1,000 Live Births		13.0	14.5
<u>Puerperal Deaths</u>		4	3
Rate per 1,000 Live Births		.7	.5

(Population December 31, 1955 - 249,069)

Vital Statistics as Reported in Michigan, 1922

(Continued from Page 1)

1924	1922	
8,950	8,981	Live Births
2,787	2,590	Deaths
555	525	Infant Deaths
158	118	Stillbirths
2	6	Fetuses Deaths

Summary of Vital Statistics, Michigan, 1922

1924	1922		
8,950	8,981	Male	Live Births
5,888	5,970	Female	
3,062	3,011	Total	
24.3	24.3		Rate per 1,000 Population
1,788	1,776	Male	Deaths
1,040	956	Female	
2,828	2,732	Total	
9.6	9.6		Rate per 1,000 Population
5,592	5,684		Infant Deaths
88	97	Male	Stillbirths
37	50	Female	
125	147	Total	
24.4	24.4		Rate per 1,000 Live Births
41	50	Male	Stillbirths
45	59	Female	
86	109	Total	
14.5	13.0		Rate per 1,000 Live Births
2	6		Fetuses Deaths
2	2		Rate per 1,000 Live Births

Live Births, Residents Only

The number of live births occurring to Winnipeg residents during 1955 was 6,016, the highest number ever recorded. The rate per 1,000 population was 24.2 which is a slight decrease from the record high rate of 24.3 recorded in 1954. Of the 6,016 children born there were 3,046 boys and 2,970 girls, giving a ratio of 1,022 boys to 1,000 girls. First children accounted for 2,270 or 37.8% of the total, second children 1,812 or 30.2% and third children 995 or 16.6%. In 1955, 5,822 or 97.1% included the fifth child and 5,865 or 97.8% were born to mothers between the ages of 15 and 39.

Infant Mortality

There were 147 deaths of infants under one year of age in 1955 giving a rate of 24.4 per 1,000 live births which is the same rate as that recorded last year. The chief causes of infant deaths were Immaturity 40, Post-natal asphyxia and atelectasis 19, Congenital Malformations 15, Pneumonia all forms 18, and Injury at Birth 21. These causes comprised 76.9% 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 111 which comprised 75.5% of the total of infant deaths under one year of age as compared with 65.5% in 1954 and 77.7% in 1953. The neo-natal mortality rate for 1955 was 18.5 per 1,000 live births which is an increase from the rate of 16.0 in 1954.

Maternal Mortality

There were four deaths from conditions pertaining to childbearing giving a rate of .7 per 1,000 live births as compared to 3 with a rate of .5 in 1954.

Of the four maternal deaths one was due to abortion after 10 weeks of pregnancy and one due to an ectopic pregnancy with hemorrhage after 8 weeks of pregnancy.

When the maternal death rate of .7 per 1,000 live births is being established it is based on the total number of live births and does not include stillbirths or conditions of pregnancy of less than 28 weeks gestation. These conditions include abortion, miscarriage, etc., all of which are associated with pregnancy. However since it is not known how many abortions or miscarriages, etc. occur in a year it is impossible to use the total figure. The maternal death rate from conditions pertaining to childbearing after 28 weeks was .35 per 1,000 live births.

Live Births, Residents Only

The number of live births occurring to Winnipeg residents during 1955 was 6,016, the highest number ever recorded. The rate per 1,000 population was 24.5 which is a slight decrease from the record high rate of 24.8 recorded in 1954. Of the 6,016 children born there were 3,046 boys and 2,970 girls, giving a ratio of 1,022 boys to 1,000 girls. First children accounted for 2,270 or 37.8% of the total, second children 1,812 or 30.2% and third children 995 or 16.6%. In 1955, 2,822 or 47.1% included the fifth child and 2,865 or 47.8% were born to mothers between the ages of 15 and 39.

Infant Mortality

There were 147 deaths of infants under one year of age in 1955 giving a rate of 24.4 per 1,000 live births which is the same rate as that recorded last year. The chief causes of infant deaths were tuberculosis 40, Post-natal sepsis and pneumonia 19, Congenital Malformations 15, Pneumonia all forms 18, and Injury of birth 31. These causes comprised 76.9% 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 111 which comprised 75.2% of the total of infant deaths under one year of age as compared with 65.5% in 1954 and 77.7% in 1955. The neo-natal mortality rate for 1955 was 18.9 per 1,000 live births which is an increase from the rate of 16.3 in 1954.

Maternal Mortality

There were four deaths from conditions pertaining to childbearing giving a rate of .7 per 1,000 live births as compared to 5 with a rate of .5 in 1954.

Of the four maternal deaths one was due to abortion after 10 weeks of pregnancy and one due to an ectopic pregnancy with hemorrhage after 8 weeks of pregnancy.

When the maternal death rate of .7 per 1,000 live births is being calculated it is based on the total number of live births and does not include stillbirths or conceptions of pregnancy of less than 28 weeks gestation. These conditions include abortion, miscarriages, etc., all of which are associated with pregnancy. However since it is not known how many abortions or miscarriages, etc., occur in a year it is impossible to set the total figure. The maternal death rate from conditions pertaining to childbearing after 28 weeks was .55 per 1,000 live births.

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

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	372	1,011	580	219	68	20	2,270	37.8
2nd	76	630	625	335	124	22	1,812	30.2
3rd	13	204	323	299	134	22	995	16.6
4th	1	50	142	183	100	37	513	8.6
5th		17	54	94	57	10	232	3.9
6th & over		6	43	54	51	22	176	2.9
Total	462	1,918	1,767	1,184	534	133	6,016	100.0

∕ Unknown, included in above total - 18

Live Births, Residents Only

Year	Number of Births	Rate per 1,000 Population	Deaths	Rate per 1,000 Births
1922	6,016	24.2	147	24.4
1923	7,000	28.5	147	21.4
1924	7,186	28.9	140	19.4
1925	7,344	29.4	131	17.9
1926	7,646	30.1	119	15.6
1927	7,908	30.7	104	13.1
1928	8,208	32.4	92	11.2
1929	8,508	33.2	80	9.4
1930	8,810	34.0	68	7.7
1931	9,112	34.8	56	6.1
1932	9,414	35.6	44	4.7
1933	9,716	36.4	32	3.3
1934	10,018	37.2	20	1.9
1935	10,320	38.0	8	0.8
1936	10,622	38.8	0	0.0
1937	10,924	39.6	0	0.0
1938	11,226	40.4	0	0.0
1939	11,528	41.2	0	0.0
1940	11,830	42.0	0	0.0
1941	12,132	42.8	0	0.0
1942	12,434	43.6	0	0.0
1943	12,736	44.4	0	0.0
1944	13,038	45.2	0	0.0
1945	13,340	46.0	0	0.0
1946	13,642	46.8	0	0.0
1947	13,944	47.6	0	0.0
1948	14,246	48.4	0	0.0
1949	14,548	49.2	0	0.0
1950	14,850	50.0	0	0.0
1951	15,152	50.8	0	0.0
1952	15,454	51.6	0	0.0
1953	15,756	52.4	0	0.0
1954	16,058	53.2	0	0.0
1955	16,360	54.0	0	0.0
1956	16,662	54.8	0	0.0
1957	16,964	55.6	0	0.0
1958	17,266	56.4	0	0.0
1959	17,568	57.2	0	0.0
1960	17,870	58.0	0	0.0
1961	18,172	58.8	0	0.0
1962	18,474	59.6	0	0.0
1963	18,776	60.4	0	0.0
1964	19,078	61.2	0	0.0
1965	19,380	62.0	0	0.0
1966	19,682	62.8	0	0.0
1967	19,984	63.6	0	0.0
1968	20,286	64.4	0	0.0
1969	20,588	65.2	0	0.0
1970	20,890	66.0	0	0.0
1971	21,192	66.8	0	0.0
1972	21,494	67.6	0	0.0
1973	21,796	68.4	0	0.0
1974	22,098	69.2	0	0.0
1975	22,400	70.0	0	0.0
1976	22,702	70.8	0	0.0
1977	23,004	71.6	0	0.0
1978	23,306	72.4	0	0.0
1979	23,608	73.2	0	0.0
1980	23,910	74.0	0	0.0
1981	24,212	74.8	0	0.0
1982	24,514	75.6	0	0.0
1983	24,816	76.4	0	0.0
1984	25,118	77.2	0	0.0
1985	25,420	78.0	0	0.0
1986	25,722	78.8	0	0.0
1987	26,024	79.6	0	0.0
1988	26,326	80.4	0	0.0
1989	26,628	81.2	0	0.0
1990	26,930	82.0	0	0.0
1991	27,232	82.8	0	0.0
1992	27,534	83.6	0	0.0
1993	27,836	84.4	0	0.0
1994	28,138	85.2	0	0.0
1995	28,440	86.0	0	0.0
1996	28,742	86.8	0	0.0
1997	29,044	87.6	0	0.0
1998	29,346	88.4	0	0.0
1999	29,648	89.2	0	0.0
2000	29,950	90.0	0	0.0
2001	30,252	90.8	0	0.0
2002	30,554	91.6	0	0.0
2003	30,856	92.4	0	0.0
2004	31,158	93.2	0	0.0
2005	31,460	94.0	0	0.0
2006	31,762	94.8	0	0.0
2007	32,064	95.6	0	0.0
2008	32,366	96.4	0	0.0
2009	32,668	97.2	0	0.0
2010	32,970	98.0	0	0.0
2011	33,272	98.8	0	0.0
2012	33,574	99.6	0	0.0
2013	33,876	100.4	0	0.0
2014	34,178	101.2	0	0.0
2015	34,480	102.0	0	0.0
2016	34,782	102.8	0	0.0
2017	35,084	103.6	0	0.0
2018	35,386	104.4	0	0.0
2019	35,688	105.2	0	0.0
2020	35,990	106.0	0	0.0
2021	36,292	106.8	0	0.0
2022	36,594	107.6	0	0.0
2023	36,896	108.4	0	0.0
2024	37,198	109.2	0	0.0
2025	37,500	110.0	0	0.0

Order of Birth by Age of Mother

Age of Mother	Number of Births	Rate per 1,000	Total
15-19	702	1,011	702
20-24	70	230	70
25-29	15	204	15
30-34	1	20	1
35-39	47	64	47
40-44	43	57	43
45-49	55	73	55
50-54	154	202	154
55-59	454	552	454
60-64	60	78	60
65-69	20	27	20
70-74	10	13	10
75-79	5	7	5
80-84	2	3	2
85-89	1	1	1
90-94	0	0	0
95-99	0	0	0
Total	1,466	1,916	1,466

* Unknown, included in above totals.

Table Showing Number of Births, Deaths, Infant Deaths And

Maternal Mortality With Rates For Winnipeg For Years 1911-1955

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	4,037	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	115	21.9	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	2,328	9.6	145	24.4	3	.5
1955	6,016	24.2	2,332	9.6	147	24.4	4	.7

†1911-1930 include non-residents
1931-1955 residents only

Table Showing Number Of Deaths And Rate Per 100,000 Population
From Certain Diseases For Winnipeg For The Years 1911 To 1955

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	142	78	117	64	87	48
1916-1920	136	135	72	138	73	135	72
1921-1925	94	65	33	174	88	178	90
1926-1930	86	37	18	233	115	209	103
1931-1935	65	15	7	308	141	268	123
1936-1940	52	11	5	450	205	283	129
1941-1945	51	8	4	613	270	324	143
1946-1950	34	4	2	676	291	333	143
1951	27	1	0.4	704	294	355	148
1952	23	-	-	754	315	411	172
1953	16	2	0.8	817	336	435	179
1954	17	1	0.4	876	358	442	182
1955	18	1	0.4	876	359	418	167

†Measles, Scarlet Fever, Diphtheria, Whooping Cough
†1911-1930 include non-residents (1931-1955 residents only).

Item	QTY	UOM	Description	Lot No.	Exp Date	Unit Cost	Total Cost
1000	1	EA	1000			1.00	1.00
1001	1	EA	1001			1.00	1.00
1002	1	EA	1002			1.00	1.00
1003	1	EA	1003			1.00	1.00
1004	1	EA	1004			1.00	1.00
1005	1	EA	1005			1.00	1.00
1006	1	EA	1006			1.00	1.00
1007	1	EA	1007			1.00	1.00
1008	1	EA	1008			1.00	1.00
1009	1	EA	1009			1.00	1.00
1010	1	EA	1010			1.00	1.00
1011	1	EA	1011			1.00	1.00
1012	1	EA	1012			1.00	1.00
1013	1	EA	1013			1.00	1.00
1014	1	EA	1014			1.00	1.00
1015	1	EA	1015			1.00	1.00
1016	1	EA	1016			1.00	1.00
1017	1	EA	1017			1.00	1.00
1018	1	EA	1018			1.00	1.00
1019	1	EA	1019			1.00	1.00
1020	1	EA	1020			1.00	1.00
1021	1	EA	1021			1.00	1.00
1022	1	EA	1022			1.00	1.00
1023	1	EA	1023			1.00	1.00
1024	1	EA	1024			1.00	1.00
1025	1	EA	1025			1.00	1.00
1026	1	EA	1026			1.00	1.00
1027	1	EA	1027			1.00	1.00
1028	1	EA	1028			1.00	1.00
1029	1	EA	1029			1.00	1.00
1030	1	EA	1030			1.00	1.00

Item	Description	Quantity	Unit Cost	Total Cost
1031	1031	1	1.00	1.00
1032	1032	1	1.00	1.00
1033	1033	1	1.00	1.00
1034	1034	1	1.00	1.00
1035	1035	1	1.00	1.00
1036	1036	1	1.00	1.00
1037	1037	1	1.00	1.00
1038	1038	1	1.00	1.00
1039	1039	1	1.00	1.00
1040	1040	1	1.00	1.00
1041	1041	1	1.00	1.00
1042	1042	1	1.00	1.00
1043	1043	1	1.00	1.00
1044	1044	1	1.00	1.00
1045	1045	1	1.00	1.00
1046	1046	1	1.00	1.00
1047	1047	1	1.00	1.00
1048	1048	1	1.00	1.00
1049	1049	1	1.00	1.00
1050	1050	1	1.00	1.00
1051	1051	1	1.00	1.00
1052	1052	1	1.00	1.00
1053	1053	1	1.00	1.00
1054	1054	1	1.00	1.00
1055	1055	1	1.00	1.00
1056	1056	1	1.00	1.00
1057	1057	1	1.00	1.00
1058	1058	1	1.00	1.00
1059	1059	1	1.00	1.00
1060	1060	1	1.00	1.00
1061	1061	1	1.00	1.00
1062	1062	1	1.00	1.00
1063	1063	1	1.00	1.00
1064	1064	1	1.00	1.00
1065	1065	1	1.00	1.00
1066	1066	1	1.00	1.00
1067	1067	1	1.00	1.00
1068	1068	1	1.00	1.00
1069	1069	1	1.00	1.00
1070	1070	1	1.00	1.00
1071	1071	1	1.00	1.00
1072	1072	1	1.00	1.00
1073	1073	1	1.00	1.00
1074	1074	1	1.00	1.00
1075	1075	1	1.00	1.00
1076	1076	1	1.00	1.00
1077	1077	1	1.00	1.00
1078	1078	1	1.00	1.00
1079	1079	1	1.00	1.00
1080	1080	1	1.00	1.00

Leading Causes of Death, 1955, Residents Only

Cause of Death	1955		1954	
	Number of Deaths	% of Total Deaths	Number of Deaths	% of Total Deaths
Heart Diseases (410-443)	876	37.6	876	37.6
Malignant Neoplasms (140-205)	418	17.9	442	19.0
Vascular Lesions Affecting Central Nervous System (330-334)	305	13.1	299	12.9
Malformations and Diseases of Early Infancy (750-776)	118	5.1	112	4.8
Accidents, Poisonings and Violent Deaths (E800-E999)	125	5.4	101	4.3
Pneumonia (490-493)	113	4.8	74	3.2
Acute Poliomyelitis (080)	.	.	3	.1
Diabetes Mellitus (260)	29	1.2	30	1.3
Ulcer of stomach and duodenum (540-541)	13	.5	18	.8
Nephritis and Nephrosis (590-594)	18	.8	22	.9
Intestinal Obstruction and Hernia (560-561, 570)	15	.6	14	.6
Pulmonary Tuberculosis (002)	18	.8	17	.7
Hypertension without mention of Heart (444-447)	12	.5	14	.6
Cirrhosis of Liver (581)	19	.8	21	.9
Bronchitis (500-502)	6	.3	9	.4
All Other Causes	247	10.6	276	11.9
	2,332	100.0	2,328	100.0

Causes of Death

The following pages give particulars of the number of deaths of Winnipeg residents for the year 1955, 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, 1955, Residents Only

Group of Death	Number of Deaths	Percentage of Total Deaths	Rate per 1000
Heart Diseases (410-449)	275	13.5	10.5
Malignant Neoplasms (140-209)	248	12.0	9.2
Vascular Lesions Affecting Central Nervous System (310-334)	205	10.0	7.6
Malformations and Diseases of Early Infancy (170-199)	148	7.2	5.5
Poisonings, Toxicology and Violence (800-899)	125	6.1	4.6
Pneumonia (490-499)	113	5.5	4.2
Acute Poliomyelitis (080)	1	0.0	0.0
Diabetes Mellitus (250)	29	1.4	1.1
Ulcer of Stomach and Duodenum (570-584)	15	0.7	0.5
Septicemia and Nephritis (590-599)	18	0.9	0.7
Intestinal Obstruction and Hernia (560-569, 570)	15	0.7	0.5
Pulmonary Tuberculosis (000)	18	0.9	0.7
Myocardial Infarction without previous History of Heart (410-449)	15	0.7	0.5
Cirrhosis of Liver (580)	19	0.9	0.7
Bronchitis (480-489)	5	0.2	0.2
All Other Causes	294	14.4	11.1
Total	2,032	100.0	75.0

Group of Death

The following pages give percentages of the number of deaths of White residents for the year 1955, classified according to sex, age and sex. The causes of death are coded according to the revision of the International List of Diseases and Causes of Death.

DEATHS TO WINNIPEG RESIDENTS BY CAUSE, SEX AND AGE - 1955

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 yr. +	Total
	Male	Female															
T.B. of respiratory system (001-008)	12	9							2	6	2	1	2	1	4		18
T.B., other forms (010-019)	2	1		1							1				1		3
Syphilis and its sequelae (020-029)	2	2								1	1		1		2		4
Whooping Cough (056)	1			1													1
All other diseases classified as infective and parasitic (030-138)		1							1								1
Malignant neoplasms, includ- ing neoplasms of lymphatic and haematopoietic tissues (140-205)	235	183		2	1	1	1	1	8	20	48	92	75	120	45	6	418
Benign and unspecified neoplasms (210-239)	3											1	1	1			3
Diabetes Mellitus (260)	7	22									2	6	5	11	5		29
Anaemias (290-293)	3													3			3
Vascular lesions affecting central nervous system (330-334)	144	161	1					1	1	7	14	39	37	112	81	12	305

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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 yr. +	Total
	Male	Female															
Nonmeningococcal Meningitis (340)	2	1		1									2				3
Rheumatic Fever (400-402)		1					1										1
Chronic rheumatic heart disease (410-416)	6	9			1					1	6	5	2				15
Arteriosclerotic and degenerative heart diseases (420-422)	494	277		1				4	12	45	135	132	262	156	24		771
Other diseases of heart (430-434)	14	15						1	1	2	1	5	13	1			29
Hypertension with heart disease (440-443)	30	31						1	1	1	7	12	28	10	2		61
Total Heart Diseases (410-443)	544	332		1		1		2	5	13	148	151	295	179	27		876
Hypertension without mention of heart (444-447)	6	6									1	1	5	4	1		12
Influenza (480-483)		1													1		1
Pneumonia (490-493)	69	44		9	4		1	2	2	6	7	12	37	26	7		113
Bronchitis (500-502)	3	3		3			1			1				1			6

1. *Chlorophyta* (green algae)
 2. *Phaeophyta* (brown algae)
 3. *Rhodophyta* (red algae)
 4. *Charophyta* (charophytes)
 5. *Embryophyta* (land plants)

6. *Chlorophyta* (green algae)
 7. *Phaeophyta* (brown algae)
 8. *Rhodophyta* (red algae)
 9. *Charophyta* (charophytes)
 10. *Embryophyta* (land plants)

11. *Chlorophyta* (green algae)
 12. *Phaeophyta* (brown algae)
 13. *Rhodophyta* (red algae)
 14. *Charophyta* (charophytes)
 15. *Embryophyta* (land plants)

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 yrs. +
Ulcer of stomach and duodenum (540-541)	11	2									3	2	2	4	2	13
Appendicitis (550-553)	1													1		1
Intestinal obstruction and hernia (560-561, 570)	8	7	2						2			4		3	4	15
Gastritis, duodenitis, enteritis and colitis, except diarrhoea of the newborn (543, 571-572)	5	5			1			1			1	1		2	4	10
Cirrhosis of liver (581)	11	8			1				2		5	5	1	5		19
Nephritis and nephrosis (590-594)	12	6			3							2	1	7	4	18
Hyperplasia of prostate (610)	5											1	4			5
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689)	1	4	1					3								5

CLIN	CHARGE	REAS	DATE	AMOUNT	DEBIT	CREDIT	REMARKS
11	5	0	1952-01-01	100.00			Balance forward
11	5	0	1952-01-15	100.00			Balance forward
11	5	0	1952-01-31	100.00			Balance forward
11	5	0	1952-02-15	100.00			Balance forward
11	5	0	1952-02-28	100.00			Balance forward
11	5	0	1952-03-15	100.00			Balance forward
11	5	0	1952-03-31	100.00			Balance forward
11	5	0	1952-04-15	100.00			Balance forward
11	5	0	1952-04-30	100.00			Balance forward
11	5	0	1952-05-15	100.00			Balance forward
11	5	0	1952-05-31	100.00			Balance forward
11	5	0	1952-06-15	100.00			Balance forward
11	5	0	1952-06-30	100.00			Balance forward
11	5	0	1952-07-15	100.00			Balance forward
11	5	0	1952-07-31	100.00			Balance forward
11	5	0	1952-08-15	100.00			Balance forward
11	5	0	1952-08-31	100.00			Balance forward
11	5	0	1952-09-15	100.00			Balance forward
11	5	0	1952-09-30	100.00			Balance forward
11	5	0	1952-10-15	100.00			Balance forward
11	5	0	1952-10-31	100.00			Balance forward
11	5	0	1952-11-15	100.00			Balance forward
11	5	0	1952-11-30	100.00			Balance forward
11	5	0	1952-12-15	100.00			Balance forward
11	5	0	1952-12-31	100.00			Balance forward

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 yrs. +
Congenital Malformations (750-759)	13	11	13	5	4				1					1		24
Birth Injuries, postnatal asphyxia and atelectasis (760-762)	31	9	40													40
Infections of the newborn (763-768)	5	5	8	2												10
Other diseases peculiar to early infancy and immaturity unqualified (769-776)	30	14	44													44
Totals, Early Infancy (750-776)	79	39	105	7	4			1						1		118
Senility without mention of psychosis, ill defined and unknown causes (780-795)	8	18	1									1		7	12	26
All other diseases (residual)	107	74	1	9	1		2	8	4	10	16	25	53	44	8	181

811	1	1	8	4	10	21	25	22	44	8	181
95	1	1	8	1	1	1	1	1	1	1	95
45	1	1	8	1	1	1	1	1	1	1	45
10	1	1	8	1	1	1	1	1	1	1	10
44	1	1	8	1	1	1	1	1	1	1	44
04	1	1	8	1	1	1	1	1	1	1	04
54	1	1	8	1	1	1	1	1	1	1	54

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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 yrs. +
<u>Accidents, Poisonings and Violence (External Cause)</u>																	
Motor vehicle accidents (E810-E835)	16	2			1			3	3	2	5	2	1	1		18	
All other accidents (E800-E802, E840-E965)	52	17	1	4	2	2	1	6	5	5	8	6	7	7	12	2	69
Suicide and self-inflicted injury (E970-E979)	24	8					1	2	6	4	11	4	1	3		32	
Homicide and operations of war (E980-E999)	3	2						2		2			1			5	
Total Violent Deaths (E800-E999)	95	29	1	4	3	2	2	11	16	13	24	12	10	11	12	2	124
GRAND TOTALS	1,376	956	111	35	15	5	12	15	48	71	172	336	328	683	431	69	2,332

* 1 Male (E929) - age unknown

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DAVID LLOYD

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INFANT DEATHS, WINNIPEG RESIDENTS, FOR THE YEAR 1955 - BY CAUSE, AGE AND SEX

Code Number	Cause of Death	Total	0-7 Days		8-14 Days		15-21 Days		22da. - 1 mo.		1 yr. - 1 yr.	
			M	F	M	F	M	F	M	F	M	F
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
751	Spina bifida and meningocele	3	2	1			1					1
754	Congenital malformations, circulatory system	10	6	3	2		2					3
750, 752, 753, 755-759	All other congenital malformations	5	2	1	1		2					1
760-761	Birth Injuries	21	14	7								
762	Postnatal asphyxia and atelectasis	19	17	2								
763	Pneumonia of newborn	8	5	2	1			1	2			2
764	Diarrhoea of newborn	2		2	1				1			
770	Haemolytic disease of newborn (Erythroblastosis)	2	2		2							
769, 771, 772	All other defined diseases of early infancy	2	1	1	1							
774-776	Immaturity with subsidiary condition or unqualified	40	27	13	13	1						
	All other causes	35	21	3				2				1 16 13
	TOTALS	147	97	50	69	29	1	4	3	3	1	1 23 13

	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661709	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661710	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661711	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661712	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661713	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661714	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661715	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661716	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661717	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661718	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661719	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661720	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661721	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661722	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661723	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661724	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661725	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661726	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661727	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661728	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661729	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661730	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661731	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661732	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661733	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661734	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661735	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661736	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661737	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661738	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661739	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12
661740	774	83	10	06	05	1	2	3	4	5	6	7	8	9	10	11	12

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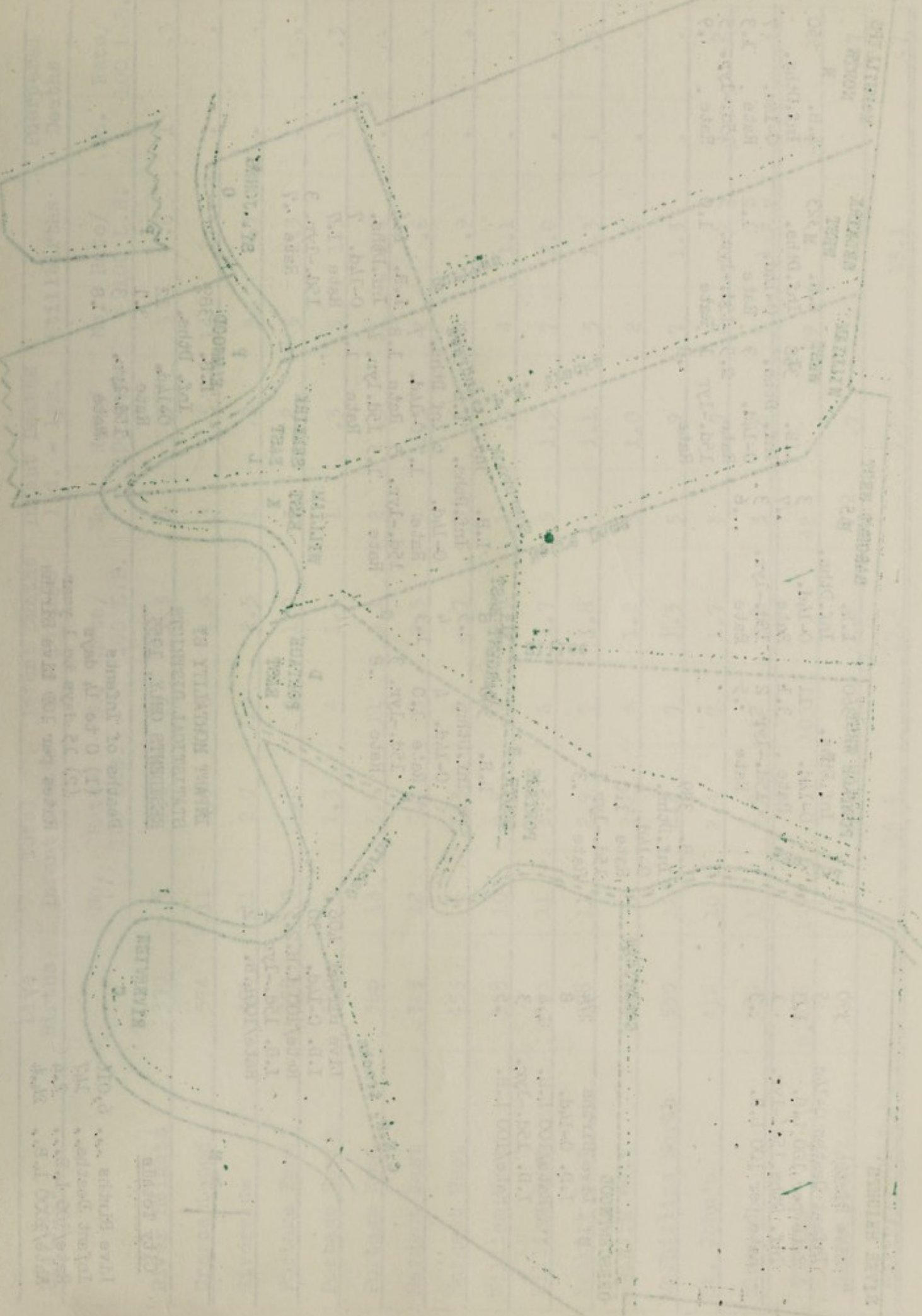
Details of Infant Deaths Listed in "All other causes" for 1955, Residents

No.	Cause of Death	Total	Male		Female		0-7 Days			8-14 Days			15-21 Days			22 days - 1 mo.			1 mo. - 1 yr.			
							M	F	M	F	M	F	M	F	M	F	M	F	M	F		
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
042	Other Salmonella infections	1	1																		1	
053	Septicaemia and pyaemia	2	1	1																		1
096	Other diseases attributable to viruses	2	2																			2
253	Myxoedema and cretinism	1	1																			1
331	Cerebral hemorrhage	1	1																			1
340	Meningitis, except meningococcal and tuberculous	1			1																	1
422	Other myocardial degeneration	1	1																			1
473	Acute tonsillitis	1	1																			1
474	Acute laryngitis and tracheitis	1	1																			1
490-3	Pneumonia (over 4 weeks)	10	4	6																		4
500	Acute bronchitis	1	1																			1
501	Bronchitis unqualified	2	1	1																		1
560	Hernia of abdominal cavity without mention of obstruction	1	1																			1
561	Hernia of abdominal cavity with obstruction	1	1																			1
587	Diseases of pancreas	1	1																			1
650	Abortion without mention of sepsis or toxæmia	1	1																			1
730	Osteomyelitis and periostitis	1	1																			1
795	Ill-defined and unknown causes of morbidity and mortality	1	1																			1
921	Inhalation and ingestion of food causing obstruction or suffocation	3	1	2																		1
922	Inhalation and ingestion of other object causing obstruction or suffocation	1		1																		1
924	Accidental mechanical suffocation in bed and cradle	1	1																			1
TOTALS		35	21	14																		1
																						16
																						13

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151		Balance forward								
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THESE TWO MAPS OF CIVILILIT DISTRICTS



RIVER HEIGHTS

A Live Births 370
 Infant Deaths 0-14d 5
 Rate per 100 L.B. 1.3
 Inf. Dths. 15d.-lyr. 1
 Rate per 100 L.B. .3

CRESCENTWOOD

B Live Births 574
 I.D. 0-14d. 8
 Rate/100 L.B. 1.4
 I.D. 15d.-lyr. 3
 Rate/100 L.B. .5

Cambridge

L.B. 389
 Inf. Dths. 4
 O-14d. 4
 Rate 1.0
 15d.-lyr 1
 Rate .3

PORTAGE SOUTH B

L.B. 300
 Inf. Dths. 4
 O-14d. 4
 Rate 1.0
 15d.-lyr. 3
 Rate .8

PORTAGE WEST

L.B. 360
 Inf. Dths. 11
 O-14d. 11
 Rate 3.1
 15d.-lyr 2
 Rate .5

SARGENT WEST

H.55
 L.B. 3
 Inf. Dths. 7
 O-14d. 3
 Rate .6
 15d.-lyr. 6
 Rate

WILLIAM WEST

M.323
 L.B. 358
 Inf. Dths. 9
 O-14d. 9
 Rate 2.5
 15d.-lyr 1
 Rate .3

SELKIRK WEST

L.B. 416
 Inf. Dths. 7
 O-14d. 7
 Rate 1.2
 15d.-lyr. 3
 Rate 1.0

MCPHILLIPS NORTH

N 550
 L.B. 7
 Inf. Dths. 1.3
 O-14d. 5
 Rate 1.3
 15d.-lyr. 5
 Rate .9

C.N.R. tracks

Live Births 406
 I.D. 0-14d. 10
 Rate/100 L.B. 2.5
 I.D. 15d.-lyr 1
 Rate/100 L.B. .2

City Totals

Live Births ... 6,016
 Infant Deaths... 147
 Rate/100 L.B... 2.4
 Rate/1000 L.B... 24.4

INFANT MORTALITY BY STATISTICAL DISTRICTS RESIDENTS ONLY, 1955

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

PORTAGE EAST

D L.B. 312
 Inf. Dths. 8
 O-14d. 8
 Rate 2.5
 15d.-lyr. 4
 Rate 1.3

WILLIAM EAST

K L.B. 345
 Inf. Dths. 6
 O-14d. 6
 Rate 1.7
 15d.-lyr. 5
 Rate 1.5

SELKIRK EAST

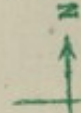
L L.B. 416
 Inf. Dths. 7
 O-14d. 7
 Rate 1.1
 15d.-lyr. 4
 Rate 1.1

ELMWOOD

P L.B. 389
 Inf. Dths. 12
 O-14d. 12
 Rate 3.1
 15d.-lyr. 3
 Rate .8

RIVERVIEW

C



INFANT MORALITY, 1955, 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	370	1.6	5	1.3	1	.3	3	.8	1	.3		
Crescentwood	574	1.9	8	1.4	3	.5	14	2.4				
Riverview	406	2.7	10	2.5	1	.2	3	.7				
Portage East	390	1.8	4	1.0	3	.8	5	1.3				
Portage South	389	1.3	4	1.0	1	.3	5	1.3	1	.3		
Portage West	360	3.6	11	3.1	2	.5	11	3.1				
Sargent East	313	3.8	8	2.5	4	1.3	2	.6				
Sargent West	455	1.3	3	.7	3	.6	4	.9				
William West	358	2.8	9	2.5	1	.3	4	1.1				
William East	345	3.2	6	1.7	5	1.5	7	2.0				
Selkirk East	378	2.9	7	1.8	4	1.1	5	1.3	1	.3		
Selkirk West	323	2.2	4	1.2	3	1.0	2	.6				
McPhillips North	550	2.2	7	1.3	5	.9	7	1.3				
St. John's	416	2.4	7	1.7	3	.7	2	.5	1	.2		
Elmwood	389	3.9	12	3.1	3	.8	5	1.3				
TOTALS	6,016	147	105	42	79	4						
Rates /100 L.B.		2.4		1.7		.7		1.3				.07
Rates/1,000 L.B.		24.4		17.4		7.0		13.1				.7

HOME VISITS OF PUBLIC HEALTH NURSES

- 16 -

	<u>1955</u>	<u>1954</u>
Total home visits re: Acute communicable diseases.....	556	370
Exclusions from school - suspect communicable diseases...	383	363
Skin conditions.....	429	248
Pediculosis.....	210	112

HOSPITALIZATIONS:

Number of regular authorizations for hospital admission..	743	739
Number of emergency admissions to hospital approved.....	5287	4709
Number of venereal disease cases hospitalized to date....	-	4

NURSING HOMES:

Number of Nursing Homes visited.....	26	26
Number of medical examinations.....	4934	5088

WELFARE INSTITUTIONS REPORT:

Number of visits of inspection and supervision to:

Nursing Homes, Institutions, Hospitals.....	559	574
Day Nurseries.....	14	20
Children's Boarding Homes.....	-	1
Number of interviews with supervisors.....	39	98
Number of personal interviews.....	498	510
Number of calls to patients homes.....	266	256
Number of interviews with doctors.....	511	510
Number of new cases.....	200	246
Number of deaths.....	138	154
Number of closed cases.....	77	76
Meetings.....	18	54

MEDICAL RELIEF AND OTHER CALLS:

Patients visited by district physicians.....	1720	1402
Calls received from Public Health Nurses.....	300	261
Glasses supplied to school children.....	339	254
Number of persons receiving insulin.....	220	218

WELFARE INSTITUTIONS - CITY OF WINNIPEG

<u>Name</u>	<u>Capacity</u>	<u>No. of children at Dec. 31, 1955</u>
Isabel Anderson, 349 Clare Avenue	21	18
Children's Foster Home - Pre Delinquent	10	9
Children's Aid Receiving - 422 Assiniboine	28	14
Children's Aid Nursing Unit - 426 Assiniboine	23	15
Grace Hospital, Evanson & Portage Avenue	32	15 girls
	20	5 infants
Ukrainian Children's Day Nursery, 613 Flora Avenue	28	15
Misericordia Hospital - 20 Sherbrook Street	21	23 girls
		38 infants
McMasters, 151 Bannerman	15	15
St. Joseph's Vocational School, 1051 Portage Ave.	159	47
Sir Hugh J. MacDonald, 175 Mayfair	20	17
Day Nursery Centre - 378 Stella Avenue	30	10
Joan of Arc Day Nursery - 159 Jarvis Avenue	75 in winter	24
	100 in summer	
Idell Robinson, 264 Roslyn Road	34	34
Children's Aid - Foster Homes		219
Jewish Welfare Foster Home		4
Private Placements		9
Eastern Manitoba, Foster Homes		5
Health and Public Welfare Foster Homes		31

STATE OF TEXAS

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DIVISION OF COMMUNICABLE DISEASES

- 17 -

Summary of Immunizations for 1955

DIPHTHERIA TOXOID AND TETANUS VACCINE COMBINED:

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>Augmenting</u>
Under 1 year	33	20	14	2	-
1 year	33	31	20	1	-
2 - 5 years	298	233	167	33	406
6 - 16 years	67	62	42	13	145
	<u>431</u>	<u>346</u>	<u>243</u>	<u>49</u>	<u>551</u>

Total doses by Department 1620
Total doses by physicians 1057

DIPHTHERIA TOXOID, TETANUS AND PERTUSSIS COMBINED:

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>Augmenting</u>
Under 1 year	1397	1248	1078	5	-
1 year	269	301	246	13	-
2 - 5 years	121	81	99	48	162
6 - 16 years	6	3	5	11	13
Over 16 years	1	-	-	-	-
	<u>1794</u>	<u>1633</u>	<u>1428</u>	<u>77</u>	<u>175</u>

Total doses by department 5107
Total doses by physicians 11,293

SMALLPOX VACCINE:

VACCINATIONS

RE-VACCINATIONS

Under 1 year	543	-
1 year	405	-
2 - 5 years	316	24
6 - 16 years	122	10
Over 16 years	<u>38</u>	<u>16</u>
	<u>1424</u>	<u>50</u>

Total doses by department 1474
Total doses by physicians 6389

TYPHOID FEVER VACCINE 173

PERTUSSIS VACCINE 228

DIVISION OF EPIDEMIOLOGICAL SERVICES

Summary of Vaccinations for 1952

DIPHTHERIA TOXOID AND TETANUS VACCINE (D&T)

Age Group	1	2	3	4
Under 1 year	21	20	14	1
1 year	93	71	20	1
2 - 5 years	298	232	187	33
6 - 15 years	62	62	46	13
Over 15 years	131	110	245	18
Total	605	535	520	54

Total doses by Department: 1520
Total doses by physicians: 1027

DIPHTHERIA TOXOID, TETANUS AND POLIO (DTP)

Age Group	1	2	3	4
Under 1 year	132	124	102	2
1 year	262	211	86	13
2 - 5 years	101	81	39	48
6 - 15 years	1	3	5	11
Over 15 years	1	-	-	-
Total	507	429	232	74

Total doses by Department: 2107
Total doses by physicians: 11,292

SMALLPOX VACCINE

Age Group	1	2	3	4
Under 1 year	142	142	142	142
1 year	142	142	142	142
2 - 5 years	142	142	142	142
6 - 15 years	142	142	142	142
Over 15 years	142	142	142	142
Total	714	714	714	714

Total doses by Department: 714
Total doses by physicians: 638

TYPHOID FEVER VACCINE

258

PNEUMONIA VACCINE

177

DIVISION OF COMMUNICABLE DISEASES

- 18 -

<u>CASES AND DEATHS REPORTED:</u>	1955		1954	
	<u>CASES</u>	<u>DEATHS</u>	<u>CASES</u>	<u>DEATHS</u>
Cerebrospinal Fever	-	-	5	-
Chickenpox	280	-	409	-
Diphtheria	-	-	-	-
Diphtheria Carriers	-	-	-	-
Diarrhoea, Infantile	10	-	21	2
Dysentery, Bacillary	30	-	6	-
Encephalitis, Infectious	-	-	-	-
Erysipelas	6	-	10	-
Hepatitis, Infectious	65	1	51	-
Influenza	-	-	-	-
Measles	958	-	259	-
Mumps	294	-	299	-
Ophthalmia, Neon.	-	-	-	-
Poliomyelitis	3	-	23	3
Paratyphoid Fever	-	-	-	-
Scarlet Fever	71	-	117	-
Smallpox	-	-	-	-
Tetanus	-	-	-	-
Tuberculosis, Pulmonary	52	18	69	15
Typhoid Fever	-	-	-	-
Typhoid Fever Carriers	-	-	-	-
Undulant Fever	-	-	-	-
Whooping Cough	165	1	174	1
	<u>1934</u>	<u>20</u>	<u>1443</u>	<u>21</u>

SERA AND VACCINE DISTRIBUTED

	<u>1955</u>	<u>1954</u>
Smallpox Vaccine.....	8402	10,053
Scarlet Fever Toxin (1 person pkts).....	100	129
Dick Test Toxin pkts.....	19	9
Scarlet Fever Antitoxin (for prophylaxis).....	-	3
(for treatment).....	-	6
Diphtheria Antitoxin (1,000 unit pkts.).....	-	-
(5,000 unit pkts.).....	-	-
(10,000 unit pkts.).....	-	1
(20,000 unit pkts.).....	-	5
Diphtheria Toxoid (1 person pkts.).....	150	232
(36cc pkts.).....	-	-
Schick Test Toxin pkts.....	50	42
Tetanus Antitoxin (1,500 unit pkts.).....	119	93
(10,000 unit pkts.).....	-	-
Typhoid Toxoid (1 person pkts.).....	27	152
Pertussis Vaccine (1 person pkts.).....	86	86
Pertussis and Diphtheria combined (1 person pkt). ..	163	176
Diphtheria and Tetanus (1 person Conn.).....	24	45
Diphtheria and Tetanus (1.5 cc P.D.).....	117	55
Diphtheria, Tetanus and Pertussis Vaccine, Conn..	300	288
Diphtheria, Tetanus and Pertussis (1.5 cc P.D.)..	499	371
Diphtheria, Tetanus and Pertussis (7.5 cc P.D.)..	1719	1896

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WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1955

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

Death Rate

There were 17 deaths in Winnipeg due to tuberculosis. This corresponds to a death rate of 7.0 per 100,000 population and is the same as was recorded in 1954. The following table illustrates the gradual but steady decline in the death rate since 1920.

<u>Year</u>	<u>No. of Deaths</u>	<u>Rate per 100,000 population</u>
1920	138	71.7
1930	106	51.
1940	52	23.
1950	21	8.8
1954	17	7.
1955	17	7.

Hospitalization

There was a monthly average of 166 patients hospitalized in the various Sanatoria during the year 1955. This is a substantial reduction in the monthly average of patients hospitalized during 1951 (238 patients), in 1952 (214 patients), in 1953 (199 patients), and 1954 (191 patients). The monthly average number of patients in the various Sanatoria were:

Ninette	78
St. Boniface Sanatorium	75
Central Tuberculosis Clinic	<u>13</u>
Total	166

X-ray Surveys

During 1955 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 49,150 individuals.

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1933

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

Death Rate

There were 14 deaths in Winnipeg due to tuberculosis. This corresponds to a death rate of 7.0 per 100,000 population and is the same as was reported in 1932. The following table illustrates the gradual but steady decline in the death rate since 1929.

Year	No. of Deaths	Rate per 100,000 population
1929	138	71.7
1930	108	57
1931	52	27
1932	41	21.5
1933	14	7
1934	14	7

Hospitalization

There was a monthly average of 182 patients hospitalized in the various sanatoria during the year 1933. This is a considerable reduction in the monthly average of patients hospitalized during 1932 (192 patients), in 1931 (212 patients), in 1930 (222 patients), and 1929 (192 patients). The monthly average number of patients in the various sanatoria were:

Sanatorium A	78
Sanatorium B	75
Sanatorium C	15
Total	168

X-ray Surveys

During 1933 the first X-ray survey program continued to expand. The mobile X-ray machine previously purchased by the health department, and loaned with funds by the City Health Department, was used for a X-ray unit at the City Hall. In the early 10 am sessions (provided by the health department) held for the survey of all school children) were all utilized in X-raying a total of 45,130 individuals.

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1955

- 20 -

Industrial Surveys

One thousand, seven hundred and sixteen (1,716) 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 85 sites where the X-ray machines were set up. Ninety-four per-cent (94%) 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	85
No. of industries X-rayed	1,716
Average Attendance	94%
No. of industrial X-rays taken	28,170
No. of school children X-rayed	5,122
No. of private school children X-rayed	1,634
Total 70 mm. X-rays	34,926
<u>4 x 5 Unit at City Hall</u>	
No. of survey, contact, and patients X-rayed	9,819
No. of pre-employment X-rays	4,374
Total 4 x 5 X-rays	14,193
X-rays taken with Portable San. Unit ..	31
TOTAL X-RAYS TAKEN DURING 1955	49,150

Eleven new cases of pulmonary tuberculosis were discovered during the year which is 22.9% 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>
1950	95	28	29.5%
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%

There was a ratio of one new case discovered for every 4,468 individuals X-rayed. Once again the progress that is being made in stamping out this disease is evident in Table III which shows that in 1949, out of every 1,118 individuals X-rayed one new unsuspected case of tuberculosis was discovered compared to one out of every 4,468 individuals X-rayed in 1955.

STATEMENT OF THE BOARD OF DIRECTORS
FOR THE YEAR 1932

Income Statement

The Board of Directors has the honor to acknowledge the cooperation and assistance of the various departments of the company in the preparation of this statement. The figures shown herein are based on the books and records of the company and are subject to audit.

The following is a statement of the income and expenses for the year 1932:

Income Statement

Income from operations	10,000,000
Income from investments	5,000,000
Income from other sources	2,000,000
Total income	17,000,000
Operating expenses	(12,000,000)
Income tax	(1,000,000)
Dividends	(2,000,000)
Retained earnings	2,000,000

Balance Sheet

Assets	Liabilities
Current assets	Current liabilities
Fixed assets	Long-term liabilities
Total assets	Total liabilities

The Board of Directors has the honor to acknowledge the cooperation and assistance of the various departments of the company in the preparation of this statement. The figures shown herein are based on the books and records of the company and are subject to audit.

Statement of Retained Earnings

Year	Retained Earnings
1931	2,000,000
1932	2,000,000
1933	2,000,000
1934	2,000,000
1935	2,000,000
1936	2,000,000
1937	2,000,000
1938	2,000,000
1939	2,000,000
1940	2,000,000

The Board of Directors has the honor to acknowledge the cooperation and assistance of the various departments of the company in the preparation of this statement. The figures shown herein are based on the books and records of the company and are subject to audit.

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1955

Table III Active Cases of Pulmonary TB Discovered Annually by Surveys

<u>Year</u>	<u>No. of X-rays</u>	<u>Total Active Cases</u>	<u>Active Cases Rate per 1,000 X-rays</u>
1949	31,311	28	.9 or 1 every 1,118 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

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 1,006 individuals referred to the City Hall by private physicians for chest X-rays and that 2 new active cases were discovered among this group or one case for every 503 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 6 of the 11 new cases discovered during the year were discovered by the X-ray Unit at City Hall among 14,193 X-rays, while only 5 new cases were discovered by the Mobile Units in a total of 34,926 X-rays.

Table IV Source of Active Cases Discovered by the Health Department

Surveys (Industrial and at City Hall)	7
Pre-employment	-
Referred by Private Physician	2
Individuals	<u>2</u>
Total	
11	

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. Eight cases or 73% of the 11 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

<u>Year</u>	<u>0-19 yrs.</u>		<u>20-39 yrs.</u>		<u>40-59 yrs.</u>		<u>60 yrs.</u>		<u>Total Cases</u>
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	
1949	3	11%	17	60%	7	25%	1	4%	28
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

FURNISHING CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1953

Table III
Active Cases of Tuberculosis Discovered Annually by Survey

Year	No. of X-rays	Total Active Cases	Active Cases Rate per 1,000 X-rays
1949	46,100	11	2.4 or 1 every 4,182 X-rays
1950	44,814	21	4.7 or 1 every 2,086 X-rays
1951	73,704	37	5.0 or 1 every 1,473 X-rays
1952	82,482	33	4.0 or 1 every 2,077 X-rays
1953	92,209	32	3.5 or 1 every 2,635 X-rays
1954	82,932	17	2.0 or 1 every 4,113 X-rays
1955	46,100	11	2.4 or 1 every 4,182 X-rays

In addition to those now unreported 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 1,004 individuals referred to the City Health Department by private physicians for chest X-rays and that 2 new active cases were discovered during this group of one case for every 502 chest X-rays. These referrals were in the main for pre-arranged chest X-rays, routine chest X-rays in connection with physical examination or suspect lung pathology. It is interesting to speculate the reason why 6 of the 11 new cases discovered during the year were discovered by the Unit at City Hall among 14,192 X-rays, while only 5 new cases were discovered by the Mobile Unit in a total of 34,916 X-rays.

Table IV
Source of Active Cases Discovered by the Health Department

Surveys (Industrial and at City Hall)	7
Pre-arrangement	7
Referred by Private Physicians	3
Individuals	1
Total	11

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. Eight cases of 75% or the 11 new cases were discovered in the 20 to 50 age group.

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

Year	No. of Cases	Age Group			Total Cases
		20-39	40-59	60+	
1949	11	8	2	1	11
1950	21	16	3	2	21
1951	37	20	12	5	37
1952	33	18	10	5	33
1953	32	18	10	4	32
1954	17	10	5	2	17
1955	11	8	2	1	11

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1955

The extent of disease on discovery for the 11 new cases found was:

<u>Extent</u>	<u>No. of Cases</u>	
	<u>1954</u>	<u>1955</u>
Minimal	6	3
Moderately Advanced	10	7
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 for various equipment and supplies.

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

WINDING CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1933

The extent of disease on discovery for the 11 new cases found was:

No. of Cases		Extent
1933	1932	
1	1	Far Advanced
7	10	Modestly Advanced
3	0	Minimal

In connection with 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 Sanitary Separation Board through the Central Tuberculosis Clinic for carrying the survey program; for the loan to the City Health Department of mechanical staff when required; for the interpretation of X-ray films, and for various equipment and supplies.

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

TUBERCULOSIS CONTROL

TUBERCULOSIS CASES AND SUPERVISION

New diagnosis reported in 1955 (Pulmonary, non-pulmonary and Pleurisy with effusion):

Female	56	
Male	73	129

New cases of Tuberculosis reported to City Health Department in 1955

New Diagnosis - Active and Inactive:		
Pulmonary	110	
Non-pulmonary	15	
Pleurisy with effusion	4	129
Old cases transferred from outside points		
into City <u>27</u>		156

No. of active cases among new diagnosis in 1955:

Pulmonary t.b. active	48	
Pulmonary t.b. activity doubtful	4	
Pleurisy with effusion active	4	
Non-pulmonary tuberculosis	<u>14</u>	70

Known cases transferred into City during 1955 27

Known cases transferred out of City during 1955 48

Average No. Patients in Sanatoria during 1955166

Average No. cases under supervision during 1955 1,601

No. Deaths from Tuberculosis during 1955:

Pulmonary	17	
Non-pulmonary	<u>9</u>	26

Reports from Chest Clinics and Sanatoria during 1955:

Regarding Tuberculosis cases	2,503	
Regarding Tuberculosis contacts	<u>967</u>	3,470

TUBERCULOSIS CONSULTANT - 1955

Personal interviews in office	22
Individual conferences with nurses on phone or in Office ...	642
Conferences with Doctors re patients	114
Conferences with Agencies	182
Visits to Sanatoria	40
Visits with patients in Sanatoria	393
Meetings	2

Visits of Public Health Nurses to homes of Tb. cases during 1955 - 1,110

TUBERCULOSIS CONTROL

X-RAY EXAMINATIONS

Surveys at City Hall - 4x5 Unit:

Individuals	2513	Town N' Country	22
Immigration	205	Standard Machines	23
Pre-Natal	54	Searle Grain	94
Children's Aid	102	Marshall Wells	20
Civic Employees	2322	Winter Seal Windows	11
University of Manitoba	181	Thomas Rathwell	16
Leland Hotel	15	Tuckett's Limited	13
Alberta Hotel	7	Brewery Products	136
Northern Electric	43	Dominion Cloak	29
McColl-Frontenac	35	Hy-Fashion	10
Macdonald Shoe Store	9	Charm Apparell	28
Hudson Paper Co.	54	Jacob Crowley	102
Birt Saddlery	15	National Cloak	89
American House of Beauty	22	Junior Wear	95
Star Cleaners	11	Sterling Cloak	131
Victoria Leather	2	Brill Cap	38
Uni-Craft	18	Weston Beauty Bar	2
Ukrainian Canadian Legion	4	South Seas Restaurant	22
Ashdown's Retail	88	Jacob Fashions	60
Ashdown's Wholesale	188	Ladies Kraft	32
Great West Life	5	Winnipeg Electric Co.	2
T. Eaton Company	58	Stall Sportswear	91
G.F. Stephens	57	Julliard Limited	19
Royal Bank	380	Stall & Son	136
Pilkington Glass	9	Dressler's Headwear	96
Claude Neon Ruddy Kester	75	Buffalo Cap	32
J.M. Sinclair	27	Gerb Limited	14
St. Regis Hotel	15	Manitoba Cap	21
Federated Mutual	38	Young Ideas	38
Canada Packers	15	Royal Trust	39
Amalgamated Needletrade	1253	Canadian Red Cross	14
McLaren Hotel	40	Winnipeg Bible Institute	69
Labour Temple	24	CBC	4
C. I. L.	1	W. L. McKenzie Co.	6
National Drugs	162	Town House	15
Service Sports	9	Administration of the Estates	
Blue Ribbon	68	of the Mentally Incompetent	15
Claydon Construction	54	Shanghai Restaurant	1
Cotter Bros.	7	Victorian Order of Nurses	1
Keystone Fisheries	1	Canadian Cellucotton	7

Total number of X-rays taken at City Hall during 1955 for Surveys
and Individuals 9,819

INDIVIDUALS

INDIVIDUALS

1951 - 1952

Number	Name	Number	Name
1	John W. Gentry	1	Individuals
2	General Services	2	Individuals
3	General Services	3	Individuals
4	General Services	4	Individuals
5	General Services	5	Individuals
6	General Services	6	Individuals
7	General Services	7	Individuals
8	General Services	8	Individuals
9	General Services	9	Individuals
10	General Services	10	Individuals
11	General Services	11	Individuals
12	General Services	12	Individuals
13	General Services	13	Individuals
14	General Services	14	Individuals
15	General Services	15	Individuals
16	General Services	16	Individuals
17	General Services	17	Individuals
18	General Services	18	Individuals
19	General Services	19	Individuals
20	General Services	20	Individuals
21	General Services	21	Individuals
22	General Services	22	Individuals
23	General Services	23	Individuals
24	General Services	24	Individuals
25	General Services	25	Individuals
26	General Services	26	Individuals
27	General Services	27	Individuals
28	General Services	28	Individuals
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32	General Services	32	Individuals
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34	General Services	34	Individuals
35	General Services	35	Individuals
36	General Services	36	Individuals
37	General Services	37	Individuals
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39	General Services	39	Individuals
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87	General Services	87	Individuals
88	General Services	88	Individuals
89	General Services	89	Individuals
90	General Services	90	Individuals
91	General Services	91	Individuals
92	General Services	92	Individuals
93	General Services	93	Individuals
94	General Services	94	Individuals
95	General Services	95	Individuals
96	General Services	96	Individuals
97	General Services	97	Individuals
98	General Services	98	Individuals
99	General Services	99	Individuals
100	General Services	100	Individuals

Total number of 1-1000 taken on 1-1-52 during 1952 for Bureau of Census

PRE-EMPLOYMENT FILMS TAKEN AT CITY HALL

Aluminum Goods	1	Keystone Fisheries	1
British American Oil	5	Knowles School for Boys	1
Brotham Painting	3	Lever Bros.	6
Canadian Aviation Electronics	60	Lipton Tea	1
Canadian Bank of Commerce	2	Manitoba Power Commission	1
Canadian Cellucotton	14	Manitoba Telephone System	273
Canadian Fire Insurance	13	Manufacturers Life Association	1
Canadian Garments	2	Marshall Wells	26
Canadian Pacific Railway	777	Moore Business Forms	12
Canada Packers	30	McCull Frontenac	13
Christie Brown	28	McDonald Bros. Aircraft Ltd.	288
Civic Employees	285	Paulin Chambers	122
Clayton Company	8	Royal Bank	145
Cotter Brothers	5	Royal Trust	3
Dept. of National Revenue	44	Salada Tea	1
Dupont	1	School Board	239
T. Eaton Company	1578	Trans Canada Fur Dressers	6
Great West Life	7	Thomas Rathwell	3
Greater Winnipeg Transit	132	Tucketts	3
Greater Winnipeg Water District	9	Uni-Craft	13
Hudson Bay House	23	Victorian Order of Nurses	15
Hudson Bay Store	3	Winnipeg & Central Gas	51
Ideal Sheet Metal & Roofing	1	Winnipeg Electric Company	80
Imperial Tobacco	3	Weston Bakeries	22
International Harvesters	14		

Total number of Pre-employment films taken at City Hall during 1955 - 4,374

Total X-rays taken at City Hall for surveys, Individuals and referred
by Doctor during 1955 9,819

Total X-rays taken at City Hall during 195514,193

INTERNATIONAL RIVERS

1	Albania	1	Albania
1	Algeria	2	Algeria
2	Algeria	3	Algeria
3	Algeria	4	Algeria
4	Algeria	5	Algeria
5	Algeria	6	Algeria
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96	Algeria	97	Algeria
97	Algeria	98	Algeria
98	Algeria	99	Algeria
99	Algeria	100	Algeria

Total number of 170-employment lines shown on City Hall during 1935 - 1,124

Total 170-employment lines shown on City Hall for various 170-employment lines and returned by Person during 1935 - 1,124

Total 170-employment lines shown on City Hall during 1935 - 1,124

X-RAY EXAMINATIONS

OUTSIDE AND INDUSTRIAL SURVEYS - 70 mm. Unit

Silverwood Dairies Ltd.	165	Western Glove	146
Fairfield & Sons	156	Canwest Shoe	176
Ford Motor Company	37	Lorne Manufacturing	104
T. Eaton Company	6946	Monarch Wear	159
Victoria Leather Co.	149	Northern Shirt	142
Wester Flyer Coach	146	Rice Sportswear	69
Federal Building	555	Winnipeg Tribune	271
C.N.A. Hangar #5	298	People's Co-op	85
Administration Building	37	Bank of Nova Scotia	573
MacDonald Bros. Aircraft	1076	Drewery's	206
Canadian Cellucotton Co.	52	McDonald Sheet Metal	224
Carter's Motors	214	Marlborough Hotel	316
Weston's Bread	163	Paris Building	329
Russell Motors	224	Parkhill Bedding Ltd.	158
St. Regis Hotel	76	Moore's Taxi	72
Brown & Rutherford	111	Somerset Building	314
Empire Sash & Door	123	Stovel-Advocate	208
Moore Business Forms	156	Bank of Montreal	201
International Harvester	67	Goldberg Bros.	60
Hudson's Bay House	238	Manitoba Cold Storage	164
Burns & Company	595	J.H. Hecht	77
Merchant's Consolidated	140	M.H.S.A.	111
Canada Building	601	Greater Winnipeg Transit	788
Manitoba Co-op Wholesale	234	Gypsum Lime Albastine	129
Powell Equipment	110	Western Gypsum	107
Hercules Manufacturing	180	Winnipeg & Central Gas	464
Christie & Brown	164	Stevens & Sons	270
A.C.T. (Auditorium)	44	National Motors	214
Canadian Westinghouse	99	Shea's Brewery	225
General Electric	91	Vulcan Iron	299
Ideal Brass & Plating	329	Cranes Limited	530
Kraft Foods	72	Perth's Limited	382
Manitoba Power Commission	275	Manitoba Telephone System	1197
Winnipeg Street Cleaning	460	M.T.S. (Fort Rouge)	260
Fort Garry Breweries	147	Quinton's Limited	98
Y.M.C.A.	779	C.B.C. Winnipeg	247
Post Office	418	Coca Cola Company	155
Curry Building	510	Bonar & Bemis Limited	269
Central Police Station	309	Hilton Bros.	182
City Hydro (Point du Bois)	283	North-West Laundry	76
Dominion Motors	439	Legislative Buildings	577
Huron & Erie Building	268		
Total X-rays taken on Industrial Surveys (70 mm.) - Industries ...			28,170
		Schools	6,756
Total X-rays taken at City Hall (4X5 Unit)			14,193
Total X-rays taken with Portable San. Unit			<u>31</u>
Total No. chest X-ray films taken in City during 1955			<u><u>49,150</u></u>

MEMORANDUM FOR THE RECORD

DATE: _____

SUBJECT: _____

100	_____	100	_____
101	_____	101	_____
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146	_____	146	_____
147	_____	147	_____
148	_____	148	_____
149	_____	149	_____
150	_____	150	_____

Total _____

TUBERCULOSIS CONTROL

X-RAY EXAMINATIONS

OUTSIDE AND INDUSTRIAL SURVEYS - 70 mm. Unit

PUBLIC SCHOOL CHILDREN

Lord Selkirk	691
St. John's Tech	636
Isaac Newton	586
Daniel MacIntyre	958
Technical Vocational	794
Gordon Bell	557
Kelvin	900

SEPARATE SCHOOLS & COLLEGES

Manitoba Technical Institute	1098
Mennonite Brethren College	241
Success Commercial College	295

Total number of Public School Children X-rayed	5,122
Total number of Private School Children X-rayed	<u>1,634</u>
Total number of School Children X-rayed during 1955	<u><u>6,756</u></u>

MEDICAL AND NURSING SERVICES

Supervisory Report

Consulting doctor, hospital or agency on patients' behalf.....	1211
Record supervision or analysis (all service)	3965
Individual contacts with nurse	2201
New nurse on district	28
Other nurse on district	17
Undergraduate and post-graduate nurses	133
Supervision in schools and Child Health Centres	192
Substitution in schools and on District	71
Inspection for licensing Boarding Homes	110
Group conferences (staff)	42

Children Examined for Fresh Air Camps

United Church Camps	556
Camp Morton	297
Lakeside Fresh Air Camps	169
Camp Stephens	124
Camp Manitou	233
Anglican Camp	70
Y.W.C.A.	160
Y.M.C.A.	165
Y.M.H.A.	244
Salvation Army Camp	290
C.G.I.T.	144
Logan Neighborhood House	146
TOTAL	<u>2598</u>

Victorian Order of Nurses Service Summary for the Year 1955

Total number of new cases	2641
Nursing Care Visits:	
Prenatal	11
Postnatal	59
Newborn	851
Infant	152
Pre-school	148
School	135
Adult	34,107
Health Instruct Visits:	
Prenatal	84
Postnatal	722
Newborn	825
Infant	922
Pre-school	140
School	74
Adult	958
Not seen	754
On behalf of patient	51
TOTAL	<u>42,634</u>

DIVISION OF CHILD MEDICAL SERVICES

Accidents Reviewed

Total accidents reported by Principal and Nurse 991

Communicable Diseases in School Children

	<u>1954</u>	<u>1955</u>
Total number of Chickenpox	345	178
Total Number of Measles	111	614
Total number of Mumps	231	232
Total number of Scarlet Fever	60	43
Total number of Whooping Cough	65	54
Total number of Poliomyelitis	11	2

Report on Health Inspection of School Children by Public Health Nurses.

Pupils examined in Health Service Rooms by nurses 30,022

Exclusion from school 2,796

Miscellaneous	1,774
Pediculosis	210
Skin conditions	429
Suspect communicable disease	383

Others for admission and re-admission 2,672

Treatments given, accidents, etc..... 11,849

Children prepared for complete physical 12,705

Classroom inspections by school nurse 1,625

General	1,515
Acute communicable	110

Conferences re pupils by nurses 66,491

With pupil	39,797
With parent	11,384
With teacher	1,837
With others	13,052
District conferences	421

Group teaching in classrooms 837

Home visits to school children made by nurses (exclusive of communicable disease visits)..... 4,964

Instructions re school children by District Office Telephone 1,068

REPORT OF THE HEALTH DEPARTMENT

Accidents Reported

Total accidents reported by Principals and Nurses

Communicable Diseases in School Children

1922	1923	Total number of Children
111	111	Total Number of Deaths
284	284	Total number of Nurses
60	60	Total number of School Boys
68	68	Total number of Whopping Cough
11	11	Total number of Pertussis

Report on Health Inspector of School Children in Public Health Division

Public examined in Health Service Rooms by nurses

2,775	Exclusion from school
2,775	Miscellaneous
210	Pertussis
209	Other conditions
209	Susceptible children

Orders for isolation and readmission
 Treatment given, including
 Children prepared for complete hospital

Classroom inspections by school nurses

1,000	General
118	Acute communicable

Contacts in public by nurses

1,000	With pupil
1,000	With parent
1,000	With teacher
1,000	With others
1,000	District contacts

Group teaching in classrooms

How visits to school children made by nurses (including of communicable)

Instructions school children by District Office

DIVISION OF PUBLIC HEALTH NURSING

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:	New Born	5,516	107
	Under 1 year	4,622	633
	Pre-school children	7,382	382
	School children	5,700	1,068
	Adults	4,844	403
Pre-Natal		1,212	50
Post-Natal		5,192	21
Attendance at Pre-Natal Classes		1,817	-
Morbidity:	Tuberculosis	1,110	351
	Acute communicable	556	79
	Non-communicable	1,096	135
Unclassified:	Not found	4,078	344
	Not taken under care	278	7
	Special activity	591	164
	TOTAL	<u>43,945</u>	<u>3,744</u>

Hospital Health Service Report

No. of meetings attended	31
No. of clinics attended	647
No. of interviews (on wards and at clinics)	3,140
No. of conferences with doctors	646
No. of conferences with nurses (provincial and city)	2,144
No. of conferences with agencies	787
Miscellaneous conferences on behalf of patients	2,189
Referral of cases to O.P.D. by District, Province and Agencies	807
Referral of cases by O.P.D. to District, Province and Agencies	2,513
No. of social histories taken	-
No. of Child Health Centres attended	42

Statistical Report on Tuberculosis

Particulars of Patients by District

(Including visits and inspections by telephone from District Office.)

DISTRICT	Male	Female	Total
101	1,110	1,110	2,220
102	1,110	1,110	2,220
103	1,110	1,110	2,220
104	1,110	1,110	2,220
105	1,110	1,110	2,220
106	1,110	1,110	2,220
107	1,110	1,110	2,220
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196	1,110	1,110	2,220
197	1,110	1,110	2,220
198	1,110	1,110	2,220
199	1,110	1,110	2,220
200	1,110	1,110	2,220
TOTAL	22,220	22,220	44,440

Statistical Report on Tuberculosis

1	.....	No. of meetings attended
2	.....	No. of clinics attended
3	.....	No. of interviews (on wards and at clinics)
4	.....	No. of conferences with doctors
5	.....	No. of conferences with nurses (hospital and out)
6	.....	No. of conferences with students
7	.....	Miscellaneous conferences on behalf of patients
8	.....	Referral of cases to C.T.O. by District, Province and Agencies
9	.....	Referral of cases by C.T.O. to District, Province and Agencies
10	.....	No. of social histories taken
11	.....	No. of Child Health Cards attended

PERCENTAGE RETURNS OF THE 1954 - 55 HEALTH CHECK LISTS

Name of School	Tec. Voc.	Kelvin	G. Bell	St. Johns	I. Newton	D. McIntyre	Ld. Selk.	TOTALS
Total No. Reporting in Each School	371	278	270	243	189	307	68	1726
Questions:	% Total	% Total	% Total	% Total	% Total	% Total	% Total	% TOTAL
1. Do you wear glasses? If "yes" when was your vision last checked?	25.1	4.7	32.6	33.7	25.9	28.3	35.3	25.3
2. Do you have visual difficulty? a. With glasses b. Without glasses	21.8	30.6	28.5	6.2	12.2	22.5	38.2	21.8
3. Do you have hearing difficulty?	1.1	1.8	1.5	2.9	1.6	2.3	2.9	1.9
4. Do you consider yourself overweight?	14.8	14.0	16.7	15.6	10.1	16.9	13.2	14.9
5. Do you consider yourself underweight?	24.3	16.5	14.8	21.4	13.2	20.8	8.8	18.7
6. Have you had a bone fracture within the last 6 months?	1.6	3.6	2.6	4.5	-	1.0	1.5	2.2
7. Have you been a patient in the hospital during the past year? If "yes" for what reason?	4.6	5.4	6.7	4.1	1.1	3.9	1.5	4.3
8. Has anyone suffering from T.B. visited or lived with you during past year?	1.3	1.8	1.1	1.2	.5	2.0	1.5	1.4
9. Has anyone in your home had Polio in the past year?	1.1	2.2	1.5	2.1	-	1.3	1.5	1.4
10. Have you had or do you have any of the following conditions: Asthma	1.9	1.8	1.9	2.5	1.1	1.6	1.5	1.8
Diabetes	-	-	.4	-	.5	-	-	.1
Heart Condition	.5	2.9	2.6	-	.5	.7	1.5	1.2
Rheumatic Fever	1.1	1.4	1.5	1.6	.5	.7	4.4	1.3
Hernia	1.3	1.8	1.9	1.6	3.2	2.6	-	1.9
Severe Headaches	3.2	4.7	9.6	7.0	5.8	3.9	2.9	5.4
Skin eruptions	11.9	7.2	18.9	8.2	5.8	14.0	8.8	11.3
Bone or muscle disorders	3.8	7.2	10.7	8.6	4.8	5.2	2.9	6.4
11. Have you been examined by Private Physician in the last year? Give name of Doctor.	45.8	41.0	48.9	51.4	37.6	52.1	38.2	46.2
12. Have you been advised to limit your activities? In what way?	2.7	3.2	7.8	4.1	2.1	3.3	5.9	3.9
13. Have you been examined by Dentist in the last year?	76.0	60.4	84.8	78.2	61.7	83.4	70.6	74.7
14. Do you wish to consult school physician for any reason not listed here?	1.3	-	1.5	4.9	6.9	4.6	1.5	2.8

1911-12

1912-13

1913-14

1914-15

1915-16

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1978-79

1979-80

1980-81

1981-82

DIVISION OF CHILD MEDICAL SERVICES

Oculist's Report

Number of clinics held		251
Number of children examined: New	607	
Re-examined.....	541	1,148
1. Refractions completed	541	
2. Refractions not completed	436	
3. Refractions not needed	131	
4. Returned for observation	21	
Completed refractions		541
Not needing glasses	145	
Glasses prescribed	343	
No change in prescription	53	
Children found with 1/3 or less of normal vision with glasses		5
Glasses discontinued		15
Out-Patient consultations		1,396
Referred to Orthoptic Clinic		9

Audiometer Report

Number of children tested		3,700
First tests	3,396	
Re-tests	304	
Number of defects		87
Teachers and others tested		71

Division of Child Dental Services

Dental Services Rendered:

No. of extractions		2,254
No. of fillings		3,186
No. of prophylaxis		201
No. of treatments (other than above)		2,465
No. of patients entering clinics		3,760
No. of completed cases		2,854
No. of emergencies		1,231
No. of new patients entering clinic		1,235

DIVISION OF PUBLIC HEALTH NURSING

Child Health Centres

No. of Child Health Centres	11
No. of Child Health Centre sessions held	512
No. new babies admitted	1,984
Infants	1,678
Pre-school	306
Total attendance at sessions	16,696
Infant	11,382
Pre-school	5,314
No. of doctors' examinations	2,601
Infant	2,136
Pre-school	465
No. of doctors' consultations with mothers	154
No. of home visits re child hygiene (birth registration, etc.)	23,230
No. of cases referred to private doctor or hospital clinic	875
No. of immunizations by doctors at Child Health Centres	8,347

ATTENDANCE AT CHILD HEALTH CENTRES

Harrow United	2,088	for	47	afternoons
St. Matthews	2,714	for	48	afternoons
St. Pauls	2,336	for	45	afternoons
Sparling	951	for	47	afternoons
St. Andrews	1,430	for	46	afternoons
Holy Trinity	1,354	for	48	afternoons
Grey St. United	983	for	47	afternoons
Children's Hospital	1,271	for	47	afternoons
Robertson House	1,752	for	44	afternoons
Stella	1,094	for	46	afternoons
St. Barnabus.....	723	for	47	afternoons
	<u>16,696</u>	for	<u>512</u>	afternoons

Physical Examinations of School Children

Total number of children examined by medical examiners	8,373
Total number of children with one or more defects	3,764
Total number of defects found in 8,373 children	4,257
Total number of children with defects for which treatment has been completed or provided for	984

(Many temporary defects cleared up unattended)

DIVISION OF PUBLIC HEALTH SERVICES

Child Health Centres

11	No. of Child Health Centres	11
212	No. of Child Health Centres sessions held	212
1,282	No. new babies admitted	1,282
	Infants	1,100
	Preschool	182
10,000	Total attendance at sessions	10,000
	Infants	11,000
	Preschool	2,000
2,500	No. of doctors' examinations	2,500
	Infants	1,500
	Preschool	1,000
150	No. of doctors' examinations with mothers	150
23,200	No. of home visits re child hygiene (diph. prevention, etc.)	23,200
875	No. of cases referred to private doctor or hospital clinic	875
8,347	No. of consultations by doctors at Child Health Centres	8,347

ATTENDANCE AT CHILD HEALTH CENTRES

11	afternoon	for 47	2,088	.....	Harrow United
48	afternoon	for 48	2,711	.....	St. Mary's
45	afternoon	for 45	2,750	.....	St. John's
47	afternoon	for 47	2,281	.....	St. Peter's
45	afternoon	for 45	1,450	.....	St. Andrew's
42	afternoon	for 42	1,700	.....	Holy Trinity
47	afternoon	for 47	1,950	.....	Grey St. United
47	afternoon	for 47	1,700	.....	Christie's Hospital
44	afternoon	for 44	1,700	.....	Robertson House
46	afternoon	for 46	1,000	.....	St. John's
47	afternoon	for 47	1,700	.....	St. Barnabas
413	afternoon	for 413	12,000	.....

Physical Examinations of School Children

2,373	Total number of children examined by medical examiners	2,373
2,764	Total number of children with one or more defects	2,764
4,237	Total number of defects found in 2,373 children	4,237
98	Total number of children with defects for which treatment has been requested or provided for	98
	(Many temporary defects cleared up unnoted)	

OBSERVATIONS ON HEALTH CHECK LIST - GRADE XI - WINNIPEG SCHOOLS
1954 - 55

For many years, the examination by the school physician of school children has consisted in the main of the recognition of infectious disease and the routine examination of all children in Grade I, Grade VII and Grade XI. This practice has serious drawbacks, the most important of which is that a great deal of medical time is wasted on cursory examination of large numbers of children who have either recently been examined by their own doctors, or who have no problems, either medical or school. It has been felt for some time that the object of the school medical examination is, in the main, as follows:

1. To detect cases of infectious disease in school children.
2. To recognize and assess those defects in school children which affect their attendance and their progress in school. Under this heading would come visual, hearing, and chronic disease or recurring disease such as rheumatic fever or diabetes.
3. To examine children who present problems in school adjustment or in progress in their school work as a result of inattention, tiredness or unusual behavior.

It has been felt, since the results of the Astoria study in New York State, that it is more important to concentrate medical time and effort on the recognition of these problems rather than on routine examination of large numbers of children. With this in mind, it has been our objective to work towards increasing emphasis on the recognition and early detection of defects in vision, hearing, ill health due to heart disease, diabetes and epilepsy, disturbances due to emotional problems in school children.

As a start, the practice was adopted at the end of 1953 of dispensing with the routine examination of all children in Grade XI, and substituting for it a check list which would be issued to the children at the beginning of the term. Decisions as to whether or not a child in Grade XI was to be examined by the school doctor, would depend on the analysis of the results of this check list. In addition, any children in Grade XI who present problems in the school, could be sent up for examination at the request of the school teacher or school principal.

The following is an analysis of and commentary on the results achieved in 1954-55. 1,726 forms were filled out in Winnipeg high schools. The results are summarized under the following headings:

DEFECTS IN VISION - 591

Referred to doctor	190
Regular supervision	383
Prescription for glasses	60
Prescription not necessary	8
New defects	113

This would indicate that 591 out of 1,726, or roughly one-third of school children in Grade XI, reported some problem relating to vision. About one-third of these children were already under regular supervision by their doctors. Three hundred and eighty-three were already wearing glasses and some of these were referred for re-examination because of problems in vision which still persisted. In 60 cases as a result of this survey, a prescription for glasses was found necessary by the

The first part of the report is devoted to a description of the school children who have been examined in the past. It is pointed out that the examination of school children has been conducted in the past in the examination of infectious diseases and that the examination of all children in Grades I, II, III and IV has been completed. It is stated that the examination of school children is a very important part of the work of the health department and that it is necessary to have a complete record of the health of all children in the school system.

- 1. To report cases of infectious diseases in school children.
- 2. To determine and record those children in school who are afflicted with infectious diseases and their progress in school. These children should be kept under special supervision and should be given special attention as to their health and general condition.
- 3. To examine children who present evidence of infectious diseases or other conditions in their school work as a basis of investigation, treatment or special instruction.

It has been found that the results of the health examination of school children in New York State are of great value in the control of infectious diseases. It is pointed out that the examination of school children is a very important part of the work of the health department and that it is necessary to have a complete record of the health of all children in the school system. The results of the examination of school children are of great value in the control of infectious diseases and in the determination of the cause of outbreaks of these diseases.

As a result of the health examination of school children in New York State, it has been found that the results of the examination are of great value in the control of infectious diseases. It is pointed out that the examination of school children is a very important part of the work of the health department and that it is necessary to have a complete record of the health of all children in the school system. The results of the examination of school children are of great value in the control of infectious diseases and in the determination of the cause of outbreaks of these diseases.

The following is an analysis of the results of the examination of school children in New York State in 1913. The results are given in the following table:

Grade	Number of children examined	Number of children with infectious diseases
Grade I	100	5
Grade II	150	10
Grade III	200	15
Grade IV	250	20
Total	700	50

The results of the examination of school children in New York State in 1913 are of great value in the control of infectious diseases. It is pointed out that the examination of school children is a very important part of the work of the health department and that it is necessary to have a complete record of the health of all children in the school system. The results of the examination of school children are of great value in the control of infectious diseases and in the determination of the cause of outbreaks of these diseases.

examining physician. In 8 cases, after examination by the physician, it was decided that glasses were not necessary. Including the children who required re-examination or changing glasses, 113 children in this group were found to need medical examination or prescription regarding their vision.

Defects in vision constitute one of the most important health problems in the city schools. Because it is a continuing problem it is necessary for these children to be examined again and again in order to pick up defects as early as possible. The observation of parents in regard to vision is important. Observations by the school teacher during school time are even more important because she or he is in the ideal position to recognize problems in seeing the blackboard or headache following several hours in school. These cases should be referred for examination. Use of the Snellen eye chart is regarded, after investigation in other centers, as being the simplest and most effective method of picking up defects in vision in school children. It is recognized that, in the main, this will only pick up children who are short sighted. However, because there is emphasis on proper examination of the eyes in children who have headaches or other symptoms that may suggest eye strain, it should be possible to pick up other defects in vision as well. The school nurse at the present time does a vision check, using the Snellen eye chart, on all children in Grades 1, 4 and 7. In the intervening years it is important that the school teacher observe children who appear to have visual defects and to establish, by using the eye chart, whether this visual defect is real or not. If there is any suspicion or evidence of short sightedness, the child should be referred to the school nurse promptly.

SKIN - 139

Referred to doctor	4
Under medical care or treated	94
Seen by public health nurse only	38
New defects	19

Most of the defects under this heading are attributed to adolescent acne. It does not appear to be an important school problem, but advice from the school nurse in regard to skin care is important, and we are arranging to have a skin specialist address the school nurses at the next meeting, in regard to this problem. A memorandum will be issued to the School Board Office in regard to suggestions for skin care after this meeting.

TUBERCULOSIS - 19

Contacts	19
Known cases	15

In the remaining four cases, the students had been x-rayed and were negative. These reports would indicate that tuberculosis registry is functioning efficiently and that all cases of tuberculosis contacts are known at the Central Tuberculosis Clinic. Since infection of school children as a result of unrecognized tuberculosis in school personnel, crops up from time to time in various parts of the country, extreme caution must be taken to make sure that cases among teachers are detected as early as possible.

POLIOMYELITIS - 12

All cases noted were either under treatment or had been treated. Full follow-up program in regard to poliomyelitis is obviously efficient and all cases are

examined physician. In 5 cases, after examination of the patient, it was decided that glasses were not necessary. Including the children who required re-examination on changing glasses, 13 children in this group were found to need medical attention or prescription regarding their vision.

Defects in vision of children are of the most important health problems in the city schools. Because it is a condition which is necessary for these children to be examined again and again in order to check up defects as early as possible. The observations of parents in regard to vision in children. Observations of the school teacher during school time are even more important because the child is in the best position to recognize defects in vision. The placement of the child in the several hours in school. These hours should be arranged for examination of the child and not for other purposes. After investigation in other centers, we believe the most and most effective method of finding out defects in vision in school children is to have a vision check in the school. This will help us to find out the children who have defects in vision. However, because there are few funds for a regular examination of the children who have defects in vision, it is necessary to have a vision check in the school. The school nurse should be possible to give the vision check. The school nurse should be possible to give a vision check with the teacher's consent, as all children in Grades 1 - and 5. In the intervening years it is important that the school teacher observe children who appear to have vision defects and in addition, to give the eye check, which this vision check is not. If there is any suspicion or evidence of acute strabismus, the child should be referred to the school nurse immediately.

SKIN - 138

Referred to doctor
Under medical care or treated
Seen by public health nurse only
New defects

Most of the defects under this heading are attributed to adolescent years. It does not appear to be an important school problem, but advice from the school nurse in regard to this care is important, and we are planning to have a skin examination address the school nurses at the next meeting. In regard to this problem, a memorandum will be issued to the School Board Office in regard to suggestions for action after this meeting.

RESPIRATORY - 139

Contact
Local cases

In the respiratory group cases, the findings have been reviewed and we believe these reports would indicate that tuberculosis is being reported with increasing frequency and that the cases of tuberculous meningitis are being reported with increasing frequency. Since tuberculous meningitis is a fatal disease, it is important that it be reported in school records, and we are planning to have a memorandum issued to the school nurses in regard to this problem. A memorandum will be issued to the School Board Office in regard to suggestions for action after this meeting.

POLYMIOMYOSITIS - 140

All cases noted were reported under tuberculous meningitis and all cases are low-up program in regard to poliomyelitis in tuberculous meningitis and all cases are

under care.

HEARING - 27

Tested	13
Normal	11
Medical care	8
Referred to Doctor	3
New defects	2

Hearing defects constitute one of the most important of all defects among school children. It is important that these defects be recognized early, since non-recognition will lead to poor adjustment in school life, and to unsatisfactory progress. Routine audiometer testing has been established, using modern equipment, and will be carried out starting with this fall. All cases thought to have hearing defects by a mass screening will be tested individually and then promptly referred to either the school doctor, private doctor or hospital clinic for examination to determine the cause of the hearing defect. Those cases requiring special care and rehabilitation will be referred to the Child Guidance Clinic for evaluation and planning of their future educational life. It is important again, in this instance, that the school teacher refer to the school nurse, promptly, any children that in her opinion seem to be hard of hearing. It is quite true that many of these children will, on examination, prove to have normal hearing, and the apparent defect may be due to emotional block or to other causes. However, if we are to recognize cases of hearing defect in the early stages, it will be necessary to check all cases suspected of having this defect.

HEADACHES - 45

Under medical care or treatment	17
Referred to doctor	5
Improved with glasses	4
Improved with time of nurse's investigation	5

In this group of cases, it is important to recognize that the causes of headache among school children are:

- (1) Visual defect
- (2) Emotional tension
- (3) Organic disease

It is important that all school children having real complaint of headache be examined with mydriatics by the eye specialist to determine the presence or absence of astigmatism or other visual defect. A general medical examination by the school doctor, private physician or hospital clinic is necessary to rule out the possibility of organic disease of the kidney or nervous system. Following these examinations, the possibility of maladjustment or home problems as the cause of headache should be considered. It is noted that in this group, four cases were found to have visual defect and were improved by glasses.

D I V I S I O N O F I N S P E C T I O N SFOOD SECTIONJanuary to December 1955

	<u>Licensed Premises</u>	<u>Inspections</u>
Abattoirs.....	1	1
Bakeries.....		421
Beer parlours.....		91
Bottling plants.....		44
Candy manufacturers.....		64
Canteens and hotel kitchens.....		270
Caterers.....		87
Cereal and flour mills.....	25	22
Fish - filleting, cold storage, etc.....		80
Fish and chips stands.....	1	6
Frozen food locker plants.....		9
Ice cream parlours.....		30
Ice houses and depots.....		17
Pickle and vinegar factories.....	3	8
Poultry slaughterhouses.....	10	88
Puffed grain factories.....		1
Producers' markets, vegetable stalls.....	5	46
Restaurants.....	509	3,539
Retail food stores, grocers, butchers, etc....		3,084
Sausage factories.....	13	100
Wholesale-groceries, vegetables.....		200
Vehicles.....		93
Fires in food establishments.....		61
Miscellaneous calls.....		20
Plans approved.....		47
Special calls.....		64
Lectures.....		9

Contacts..... 1,849
Complaints..... 273

Notices:
Verbal..... 2,552
Written..... 1,156

Samples examined:
Food..... 1,461
Ice..... 6
Water..... 16

<u>Bacteriological tests</u>	<u>No. Premises</u>	<u>No. Utensils</u>
Restaurants, Beer Parlours, Hotel Kitchens	738	3,730

LIST OF INSPECTIONS

FOOD SERVICE

January to December 1952

Inspection	Location	Remarks
1	1	Atmosphere.....
2	1	Bacteria.....
3	1	Heat partitions.....
4	1	Bottling plants.....
5	1	Candy manufacturers.....
6	1	Canteens and hotel kitchens.....
7	1	Caterers.....
8	25	Cases and floor tiles.....
9	1	Fish - Chilling, cold storage, etc.....
10	1	Fish and chips stands.....
11	1	Frozen food freezer plants.....
12	1	Ice cream parlours.....
13	1	Ice houses and depots.....
14	3	Pickles and vinegar factories.....
15	10	Poultry slaughteries.....
16	1	Flour and grain factories.....
17	2	Producers' markets, vegetable stalls.....
18	209	Restaurants.....
19	13	Retail food stores, canteens, butchers, etc.....
20	1	Sausage factories.....
21	1	Wholesale-provision, vegetable.....
22	1	Vegetables.....
23	1	Fires in food establishments.....
24	1	Isosianovous cells.....
25	1	Firm approved.....
26	1	Special cells.....
27	1	Lactones.....

Continued.....
 Completed.....

Not listed
 Verbal.....
 Written.....
 Samples examined:
 Total.....
 Inspected.....
 Satisfactory.....

Bacteriological tests
 No. Inspected
 In. Unavailable
 Restaurants, Heat Partitions, Hotel Kitchens

Division of Inspections,
Food Section,
January to December 1955.
(continued)

Condemnations:

Bakery products.....	152 lbs.
Candy.....	3,278 "
Canned goods.....	13,016 "
Cereals.....	1,408 "
Coffee.....	5 "
Dairy products.....	695 "
Eggs.....	6 doz.
Fish.....	1,291 lbs.
Flour.....	276 "
Fruit and vegetables.....	24,125 "
Gum.....	12 "
Jello.....	100 "
Meat and meat products.....	1,190 "
Nuts.....	75 "
Poultry.....	1,283 "
Seasonings and spices.....	5 "
Soft drinks.....	6 cases
Tea.....	61 lbs.

Division of Inspections,
Food Section,
January to December 1955.
(continued)

Continued:

152 lbs.	Bakery products.....
3,278 "	Candy.....
13,216 "	Canned goods.....
1,408 "	Cereals.....
5 "	Coffee.....
895 "	Dairy products.....
8 doz.	Eggs.....
1,291 lbs.	Flour.....
276 "	Fruit and vegetables.....
24,125 "	Meat and meat products.....
12 "	Milk.....
100 "	Pastry.....
1,100 "	Poultry.....
75 "	Seasonings and spices.....
1,281 "	Soft drinks.....
5 "	Tea.....
0 cases	
61 lbs.	

D I V I S I O N O F I N S P E C T I O N S

DAIRY DIVISION

January to December - 1955

		<u>Inspections</u>	<u>Contacts</u>
<u>FARM:</u>	Milk Producers.....	3,290	1,085
	Producer-Distributors.....	48	---
	Prospective Producers.....	175	36
	Milk Haulers Inspected.....	497	---
<u>CITY:</u>	Pasteurization Plants.....	255	1,858
	Ice-cream Manufacturers Inspected...	428	
	Counter Freezers Inspected.....	341	
	Butter Plants Inspected.....	156	
	Cheese Plants Inspected.....	141	
	Vehicles-Delivery Inspected.....	91	
	Cans Inspected.....	10,180	
<u>SAMPLES</u>	Water Samples.....	82	
<u>TAKEN:</u>	Milk Retail Samples.....	1,481	
	Milk Shippers, Samples.....	34,061	
	Cream Samples.....	550	
	Ice-cream Samples.....	606	
	Bottles for Sterility.....	72	
	Special Samples.....	552	
<u>GENERAL:</u>	Special Calls.....	2,282	
	Samples Tested.....	3,022	
	Cans Condemned.....	1,887	
	Milk Condemned.....	160	lbs.
	Complaints.....	24	
	Temperatures Taken.....	3,103	

DIVISION OF INSPECTIONS

REPORT

MONTHLY TO DEPARTMENT - 1915

CONTACTS	INSPECTIONS			
1,085	3,230	Milk Producers	.....	TOTAL
—	—	Produce Distributors	.....
—	175	Prospective Producers	.....
—	497	Milk Dealers Inspected	.....
1,858	285	Pasteurization Plants	.....	CITY
	428	Ice-cream Manufacturers Inspected	.....
	311	Cream Producers Inspected	.....
	145	Butter Plants Inspected	.....
	111	Cheese Plants Inspected	.....
	91	Vehicle-Delivery Inspected	.....
	10,180	Cans Inspected	.....
		Water Samples	.....	SAMPLES
		Milk Retail Samples	.....	TAKEN
		Milk Samples, Samples	.....
		Cream Samples	.....
		Ice-cream Samples	.....
		Bottles for Sterilization	.....
		Special Samples	.....
		Special Cities	.....	CITIES
		Sanitary Inspected	.....
		Cans Contained	.....
		Milk Containers	.....
		Complaints	.....
		Temperature Taken	.....

D I V I S I O N O F I N S P E C T I O N S

BACTERIOLOGICAL LABORATORY

January to December - 1955

<u>WATER ANALYSIS</u>	Standard Plate Count.....	2,703
	Presumptive Test.....	2,703
	Confirmed Test.....	427
	Average No. Bacteria per/ml.....	155.31
<u>MILK & CREAM</u>	Standard Plate Count.....	2,033
	Babcock Test.....	1,933
	Coliform Test.....	2,043
	Phosphatase Test.....	2,015
	Resazurin Test.....	31,423
<u>ICE-CREAM</u>	Standard Plate Count.....	394
	Coliform Test.....	621
	Phosphatase Test.....	17
<u>MILK BOTTLES</u>	Bacterial Test.....	73
<u>DIAGNOSTIC</u>	Diphtheria Swabs.....	214
	Sputa for T.B.	1
	Smears for G.C.	2
	Urinalysis.....	326
	Miscellaneous.....	4
<u>TOTAL TESTS</u>		47,016

DIVISION OF INSPECTIONS

BACTERIOLOGICAL LABORATORY

January to December 1922

Amount	Description	Category
2,703	Standard Plate Count	WATER ANALYSIS
2,703	Presumptive Test	WATER ANALYSIS
427	Confirmed Test	WATER ANALYSIS
122.31	Average No. Bacteria per ml.	WATER ANALYSIS
2,032	Standard Plate Count	MILK & CREAM
1,933	Snodcock Test	MILK & CREAM
2,013	Colliform Test	MILK & CREAM
2,012	Phosphatase Test	MILK & CREAM
21,423	Resazurin Test	MILK & CREAM
204	Standard Plate Count	ICE CREAM
621	Colliform Test	ICE CREAM
37	Phosphatase Test	ICE CREAM
73	Bacterial Test	MILK BOTTLES
214	Biphenyl Swabs	DIAGNOSTIC
1	Spore for T.S.	DIAGNOSTIC
2	Incubator for D.C.	DIAGNOSTIC
222	Ureapylis	DIAGNOSTIC
4	Miscellaneous	DIAGNOSTIC
47,016	TOTAL TESTS	TOTAL TESTS

V I S I O N O F I N S P E C T I O N S

SANITATION AND HOUSING SECTION

January to December 1955

<u>Licensed:</u>	<u>Total Premises</u>	<u>Inspections</u>
Bowling alleys and pool rooms.....	52	120
Cowkeepers.....	2	---
Dance halls.....	75	111
Dog kennels and pet shops.....	9	10
Hatcheries.....	9	9
Hotels.....	55	128
Junk yards.....	40	71
Laundries.....	40	135
Lodging houses.....	17	67
Massage Parlors.....	34	41
Poultry keepers.....	13	73
Roller rinks.....	1	45
Second hand premises.....	157	219
Soap manufacturers.....	4	58
Stables - livery, sale.....	3	6
Tanneries, hid curing.....	8	9
Undertakers.....	8	8
Welfare institutions.....	45	121
Miscellaneous.....		1
 <u>Unlicensed:</u>		
Dwellings, apartments, tenements.....		5,048
Factories, workshops, offices, stores.....		1,662
Theatres, public assembly places (not dance).....		5
Public garages, fillin stations.....		9
Public baths, swimming pools.....		320
Public comfort stations.....		40
Stables, unlicensed.....		11
Pit and chemical closets, septic tanks.....		205
Workmen's closets.....		4,653
Lanes, streets, yards, vacant lots.....		3,199
Noise By-law.....		32
Smoke By-law.....		296
Structural alterations.....		9
Wells.....		38
Zoning By-law.....		1,021
Miscellaneous.....		281

TABLE 1. INVESTMENT

BY TYPE OF INVESTMENT

BY TYPE OF INVESTMENT

Year	Investment	Investment
1950	100	100
1951	110	110
1952	120	120
1953	130	130
1954	140	140
1955	150	150
1956	160	160
1957	170	170
1958	180	180
1959	190	190
1960	200	200
1961	210	210
1962	220	220
1963	230	230
1964	240	240
1965	250	250
1966	260	260
1967	270	270
1968	280	280
1969	290	290
1970	300	300
1971	310	310
1972	320	320
1973	330	330
1974	340	340
1975	350	350
1976	360	360
1977	370	370
1978	380	380
1979	390	390
1980	400	400
1981	410	410
1982	420	420
1983	430	430
1984	440	440
1985	450	450
1986	460	460
1987	470	470
1988	480	480
1989	490	490
1990	500	500
1991	510	510
1992	520	520
1993	530	530
1994	540	540
1995	550	550
1996	560	560
1997	570	570
1998	580	580
1999	590	590
2000	600	600
2001	610	610
2002	620	620
2003	630	630
2004	640	640
2005	650	650
2006	660	660
2007	670	670
2008	680	680
2009	690	690
2010	700	700
2011	710	710
2012	720	720
2013	730	730
2014	740	740
2015	750	750
2016	760	760
2017	770	770
2018	780	780
2019	790	790
2020	800	800

Division of Inspections,
Sanitation and Housing Section,
January to December 1955.
(continued)

Defects, irregularities and nuisances dealt with:

Overcrowding.....	296
Lack of cleanliness in buildings.....	445
Lighting and ventilation.....	160
Structural defects, eaves, cellars, roofs.....	895
Fly screens.....	213
Storm sashes.....	151
Lack of heat.....	901
Furnaces, chimneys.....	65
Gas installations.....	4
Water services shut off.....	70
Plumbing illegally installed.....	22
Plumbing fixtures insufficient.....	170
Plumbing defects - other.....	686
Insect infestations.....	636
Rodent infestations.....	219
Noise By-law infractions.....	23
Smoke nuisances.....	261
Zoning By-law infractions.....	604
Workmen's closets - defective.....	488
Pit closets defective.....	44
Lanes, yards, vacant lots - dirty.....	1,303
Garbage - improper storage.....	1,782
Stables insanitary.....	1
Premises unlawfully occupied.....	101
Licensed premises (infractions of regulations.....	249
Factory defects.....	194
Miscellaneous.....	54
Complaints.....	2,691
Samples, deliveries and pick-ups...	8,146
Infectious Disease calls.....	22
Notices:	
Verbal.....	7,136
Written.....	694
Mandatory.....	631
Prosecutions.....	37
Fines.....	\$2,276.50

Division of Inspections,
Sanitation and Health Section,
January to December 1952.
(continued)

Delaware, Pennsylvania and Michigan State

288	Overcrowding.....
445	Lack of cleanliness in public places.....
180	Lighting and ventilation.....
895	Structural defects, eaves, eulax, rods, etc.....
213	Fly screens.....
151	Stomach canners.....
901	Lack of heat.....
65	Furnaces, chimneys.....
A	Gas installations.....
70	Water heaters that overflow.....
25	Plumbing fixtures installed.....
170	Plumbing fixtures installed.....
656	Plumbing defects - other.....
676	Insect infestations.....
219	Robot infestations.....
23	Noise by-law infestations.....
261	Smoke nuisances.....
604	Health by-law infestations.....
478	Workmen's disease - infectious.....
44	Ill effects of delivery.....
1,307	Lanes, yards, vacant lots - dirt.....
1,782	Garbage - improper storage.....
1	Stables - insanitary.....
101	Premises unlawfully occupied.....
219	Illegible premises (infestations of vermin).....
194	Factory defects.....
24	Miscellaneous.....

Complaints..... 2,491
 Samples, deliveries and pick-ups..... 8,146
 Infectious diseases cases..... 23

Michigan

Verbal..... 7,136
 Written..... 696
 Laboratory..... 1,031

Prosecutions..... 37
 Fines..... \$4,576.50

EDUCATIONAL AND PUBLICITY PROGRAM - 1955Films Shown by Public Health Nurses to Pre-Natal Classes

<u>Films Shown</u>	<u>Times Shown</u>	<u>Approximate Attendance</u>
Pre-Natal Care	21	248
Labor & Childbirth	25	322
Post-Natal Care	15	161
Human Reproduction	13	150
Care of the Newborn	9	115
Nine To Get Ready	12	122
Foods That Build Good Health	4	44
Child Care & Development	3	37
Preface To Life	3	51
Frustrating Fours & Fascinating Fives	1	18
Food For Freddie	5	59
Know Your Baby	9	99
Story of Menstruation	9	136
Principles of Development	2	22
The Miracle of Reproduction	1	16
Heredity & Pre-Natal Development	8	90
Planning For Good Eating	6	62
Clocking A Champion	1	21
Learning & Growth	1	21
Growth of Infant Behavior	1	21
A Normal Birth	16	191
Safe Way To Making Formula	3	31
Why Won't Tommy Eat	7	75
Carnation Milk Formula	3	21
Services of the City Health Department	1	5
Total	<u>179</u>	<u>2,138</u>

Films Shown to School Children, Parents and Teachers

Why Won't Tommy Eat	3	62
Frustrating Fours and Fascinating Fives	2	55
Teachers Observation of School Children	8	130
Story of Menstruation	2	160
Carnation Milk	2	21
Communicable Diseases	1	12
In Hot Water	1	12
Service With A Smile	1	12
Germs Take Pot Luck	1	12
Safe Food For Safe Health	1	12
Human Reproduction	1	4
Total	<u>23</u>	<u>492</u>

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

Hashlinger to Foodhandler	2	44
Story of Standards	2	44
Services of the City Health Department	4	93

EDUCATIONAL AND MULTIMEDIA PROGRAM - 1988

Times Shown by Public Health Nurses to Pre-Natal Classes

<u>Approximate Attendance</u>	<u>Times Shown</u>	<u>Times Shown</u>
248	21	Pre-Natal Care
322	25	Labor & Childbirth
161	15	Post-Natal Care
130	13	Human Reproduction
112	9	Care of the Newborn
122	12	Nine To Get Ready
44	4	Food That Build Good Health
37	3	Child Care & Development
21	2	Preface To Life
18	1	Frustrating Hours & Fascinating Times
29	2	Food For Freddie
99	9	Know Your Baby
156	9	Story of Menstruation
22	2	Principles of Development
16	1	The Miracle of Reproduction
90	8	Heredity & Pre-Natal Development
68	6	Planning For Good Eating
21	1	Glossing & Gearing
21	1	Learning & Growth
21	1	Growth of Infant Behavior
191	16	A Normal Birth
21	2	Safe Way To Making Formula
22	7	Why Don't Tommy Eat
21	2	Garbation Milk Formula
2	1	Services of the City Health Department
<u>2,138</u>	<u>179</u>	<u>Total</u>

Times Shown to School Children, Parents and Teachers

62	2	Why Don't Tommy Eat
22	2	Frustrating Hours and Fascinating Times
130	8	Teachers Observation of School Children
160	2	Story of Menstruation
21	2	Garbation Milk
12	1	Communicable Diseases
12	1	In Hot Water
12	1	Service With A Smile
12	1	Germs Take Pot Luck
12	1	Safe Food For Safe Health
4	1	Human Reproduction
<u>492</u>	<u>23</u>	<u>Total</u>

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

44	2	Resiliator to Foodhandler
44	2	Story of Scandinavia
22	4	Services of the City Health Department

CITY HEALTH DEPARTMENT

Summary of Expenditures, 1955
(to nearest dollar)

(a) Personal Services	\$271,641
(b) Outside Services	62,863
(c) Material, Supplies and Repairs	20,223
(d) Equipment, Additions, etc.	4,376
(e) Fuel, Water, Light and Power	272
(f) Other Expenses	902
(h) Auto Expenses	<u>11,669</u>
	<u>\$371,946</u>

Expenditures by Branches, 1955
(to nearest dollar)

	<u>Service</u>	<u>Total</u>	<u>Personal</u>	<u>Other</u>
Cl-1	Administration & Statistics	\$22,098	\$19,985	\$2,113
Cl-2	Communicable & Other Diseases	45,709	21,954	23,755
Cl-3	Inspection Services & Laboratory	96,485	83,554	12,931
Cl-4	Child Medical Services	38,599	3,201	35,398
Cl-5	Child Dental Services	20,828	5,570	15,258
Cl-6	Public Health Nursing	146,754	137,086	9,668
Cl-7	National Health Grants	<u>1,473</u>	<u>291</u>	<u>1,182</u>
	Totals	<u>\$371,946</u>	<u>\$271,641</u>	<u>100,305</u>

Gross Cost per Capita . . . \$1.49

CITY HEALTH DEPARTMENT

Summary of Expenditures, 1955
(in nearest dollar)

(a) Personal Services	\$271,041
(b) Outside Services	62,823
(c) Materials, Supplies and Repairs	20,223
(d) Equipment, Additions, etc.	4,876
(e) Fuel, Water, Light and Power	272
(f) Other Expenses	902
(g) Auto Expenses	11,499
	<u>\$371,646</u>

Expenditures by Branches, 1955
(in nearest dollar)

	Service	Total	Personal	Other
CI-1	Administration & Statistics	\$22,096	\$19,986	\$2,110
CI-2	Communicable & Other Diseases	48,709	41,984	6,725
CI-3	Inspection Services & Laboratory	66,483	63,264	3,219
CI-4	Child Medical Services	38,393	3,201	35,192
CI-5	Child Dental Services	20,823	2,270	18,553
CI-6	Public Health Nursing	148,724	137,082	11,642
CI-7	National Health Grants	1,473	291	1,182
	<u>Totals</u>	<u>\$371,646</u>	<u>\$341,841</u>	<u>\$29,805</u>

Grand Total per Capita . . . \$1.22

CITY HEALTH DEPARTMENT
Assistance to Health Services under
National Health Grants

Summary of Expenditures, 1955
(to nearest dollar)

(a) Personal Services	\$66,106
(b) Outside Services	3,092
(c) Materials, Supplies and Repairs	1,905
(d) Equipment, Additions, etc.	1,502
(h) Auto Expenses	<u>2,791</u>
	<u>\$75,396</u>

Expenditures by Projects, 1955
(to nearest dollar)

	<u>Service</u>	<u>Total</u>	<u>Personal</u>	<u>Other</u>
Cl-7(1)	Training of Sanitarians	\$13,749	\$12,136	\$1,613
Cl-7(2)	Cardiac Survey	2,249	359	1,890
Cl-7(3) } Cl-7(4) }	Assistance to Health Services	59,398	53,611	5,787
	Totals	<u>\$75,396</u>	<u>\$66,106</u>	<u>\$9,290</u>

CITY HEALTH DEPARTMENT
Assistance to Health Services under
National Health Grants

Summary of Expenditures, 1952
(in nearest dollar)

(a) Personal Services	266,108
(b) Outside Services	3,032
(c) Materials, Supplies and Repairs	1,902
(d) Equipment, Additions, etc.	1,202
(e) Audit Expenses	2,201
	<u>\$286,445</u>

Expenditures by Project, 1952
(in nearest dollar)

	<u>Service</u>	<u>Total</u>	<u>Personal</u>	<u>Other</u>
CI-2(1)	Training of Sanitationists	\$13,749	\$12,388	\$1,361
CI-2(2)	Cardiac Survey	2,262	339	1,923
CI-2(3)	Assistance to Health Services	28,208	23,611	2,787
CI-2(4)				
	<u>Totals</u>	<u>\$72,599</u>	<u>\$68,166</u>	<u>\$4,433</u>

