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VOL. LXVII.—PART IV.

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FIRST SESSION

OF THE

NINETEENTH LEGISLATURE

OF THE

PROVINCE OF ONTARIO

---

SESSION 1935

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TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty  
1936

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## FOR PART IV.

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### REPORTS

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BIRTHS, MARRIAGES AND DEATHS  
DEPARTMENT OF HEALTH  
HOSPITALS FOR MENTALLY ILL  
HOSPITALS AND SANATORIA  
PRISONS AND REFORMATORIES  
PUBLIC WELFARE





Ont.

# REPORT

RELATING TO THE REGISTRATION OF

# BIRTHS, MARRIAGES AND DEATHS

IN THE

## PROVINCE OF ONTARIO

FOR THE

YEAR ENDING 31st DECEMBER

# 1934

(BEING THE SIXTY-FIFTH ANNUAL REPORT)

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PRINTED BY ORDER OF  
THE LEGISLATIVE ASSEMBLY OF ONTARIO  
SESSIONAL PAPER No. 13, 1935



TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty  
1936



TO HIS HONOUR THE LIEUTENANT-GOVERNOR OF THE PROVINCE OF ONTARIO.

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Sixty-Fifth Annual Report of the Registrar-General, relating to the Registration of Births, Marriages and Deaths in the Province of Ontario during the year 1934.

Respectfully submitted,

H. C. NIXON,  
*Registrar-General of Ontario.*



SIR:

I have the honour to submit for your approval the Sixty-Fifth Annual Report made in conformity with and under the provisions of the Act respecting the Registration of Births, Marriages and Deaths in the Province of Ontario, for the year ending December 31st, 1934.

I have the honour to be, Sir,

Your obedient servant,

F. V. JOHNS,

*Deputy Registrar-General.*

TO THE HON. H. C. NIXON,

*Registrar-General of Ontario.*



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REPORT UPON

# Births, Marriages and Deaths

For the Year 1934

BEING THE SIXTY-FIFTH ANNUAL REPORT OF THE  
REGISTRAR-GENERAL

ESTIMATED POPULATION, 1934

	Males	Females	Totals
<b>Totals</b> .....	<b>1,815,700</b>	<b>1,747,300</b>	<b>3,563,000</b>
Under 1.....	30,867	29,879	60,746
1- 2.....	31,048	30,054	61,102
2- 3.....	33,046	32,150	65,196
3- 4.....	33,409	32,849	66,258
4- 5.....	33,772	32,325	66,097
<b>Totals under 5 years</b> .....	<b>162,142</b>	<b>157,257</b>	<b>319,399</b>
5- 9.....	175,215	170,536	345,751
10-14.....	167,771	162,674	330,445
15-19.....	169,586	161,451	331,037
20-24.....	153,245	149,045	302,290
25-29.....	141,080	133,668	274,748
30-34.....	133,635	128,077	261,712
35-39.....	130,549	125,631	256,180
40-44.....	122,560	114,797	237,357
45-49.....	112,210	101,868	214,078
50-54.....	94,961	89,462	184,423
55-59.....	72,991	69,368	142,359
60-64.....	59,918	59,408	119,326
65-69.....	47,934	48,225	96,159
70-74.....	36,677	37,567	74,244
75-79.....	20,517	21,142	41,659
80-84.....	9,623	10,833	20,456
85-89.....	3,450	4,543	7,993
90 and over.....	1,089	1,398	2,487
Not stated.....	547	350	897

The population is distributed as follows:—

City municipalities, 1,570,000; Towns (over 5,000 population), 186,358; Rural (including all other) municipalities, 1,806,419.

## BIRTHS

The number of living births registered was 62,234, being again a numerical decrease, on this occasion of 1,412. This, however, is less than 45% of the numerical decrease of a year ago, and it is hoped that the smaller decrease indicates a turn to an upward trend.

The rate per 1,000 of population was 17.5, which again constitutes the lowest rate since 1875. In all probability, however, it is a low record in the history of registration in the Province, for, it is a recognized fact that, registration in the early years was notoriously bad.

There were 31,850 boys, or 51.2% of the total number; and 30,384 girls, or 48.8% which represents 104.8 male to 100 female births.

#### NUMBER OF BIRTHS AND RATE PER 1,000 OF POPULATION

	1934		1933	
	Number	Ratio	Number	Ratio
Province.....	62,234	17.5	63,646	18.1
Cities.....	30,589	19.5	31,107	20.1
Towns.....	3,710	19.9	4,114	21.1
Rural.....	27,935	15.5	28,425	15.8

#### NUMBER OF BIRTHS AND RATE FOR 10 YEARS

Year	Number	Ratio	Year	Number	Ratio
1925.....	70,122	22.4	1930.....	71,263	21.0
1926.....	67,617	21.3	1931.....	69,209	20.2
1927.....	67,671	20.9	1932.....	66,842	19.2
1928.....	68,510	20.9	1933.....	63,646	18.1
1929.....	68,458	20.5	1934.....	62,234	17.5

#### STILL BIRTHS

Year	Registered as Births	Ratio per 1,000 Total Births	Year	Registered as Births	Ratio per 1,000 Total Births
1915.....	2,246	32.4	1925.....	2,780	38.1
1916.....	2,055	30.5	1926.....	2,812	39.9
1917.....	1,425	22.2	1927.....	2,758	39.5
1918.....	2,198	32.9	1928.....	2,793	39.2
1919.....	2,091	32.2	1929.....	2,730	38.8
1920.....	2,495	33.3	1930.....	2,713	36.6
1921.....	3,234	41.7	1931.....	2,652	38.3
1922.....	3,015	40.5	1932.....	2,377	35.5
1923.....	3,028	41.4	1933.....	2,161	33.9
1924.....	2,594	34.9	1934.....	2,091	33.6

#### BIRTHS

##### AGE OF MOTHER

Year	12	13	14	15	16	17	18	19	20	21	22	23	24	25	12-25	Others
1925...	1	8	25	63	278	662	1334	2092	2719	3101	3439	3569	3861	4144	25318	44804
1926...	1	3	13	85	250	685	1340	1898	2559	3002	3438	3432	3685	3714	24107	43510
1927...	1	2	20	87	280	685	1452	2070	2503	3100	3551	3623	3777	3715	24879	42792
1928...	1	4	19	100	293	773	1472	2189	2767	3165	3547	3765	3987	3777	25861	42649
1929...	2	3	29	103	321	766	1586	2270	2890	3283	3749	3806	3974	3897	26677	41781
1930...	5	33	101	349	835	1636	2498	3042	3441	4004	4129	4176	4010	28262	43001	
1931...	2	6	24	104	361	847	1720	2457	2937	3401	3820	3984	4118	4017	27800	41409
1932...	3	12	106	308	783	1647	2400	2946	3422	3596	3787	4058	3850	26909	39933	
1933...	5	24	97	318	750	1661	2334	2843	3220	3421	3631	3765	3791	25350	38296	
1934...	5	16	79	288	709	1476	2276	2783	3221	3471	3484	3688	3507	25003	37231	
Total	7	44	215	949	3046	7495	15319	22484	27989	32356	36036	37210	39189	38422	259166	416406

40.2% of living births were of mothers under 25 years of age and 59.8% of mothers 25 years and over.

## ILLEGITIMATE BIRTHS

Rate per 1,000 living Births

1904.....10.8	1912.....21.3	1920.....20.5	1928.....31.7
1905.....13.8	1913.....21.6	1921.....21.5	1929.....34.6
1906.....10.4	1914.....22.1	1922.....21.2	1930.....37.2
1907.....14.8	1915.....21.9	1923.....22.5	1931.....40.0
1908.....14.9	1916.....20.9	1924.....24.0	1932.....42.3
1909.....13.9	1917.....19.5	1925.....26.8	1933.....43.8
1910.....19.3	1918.....21.0	1926.....26.9	1934.....40.2
1911.....19.4	1919.....19.8	1927.....29.0	

There were 2,500 illegitimate births registered, being 40.2 per 1,000 living births. The rate of illegitimacy has fallen to 40.2 which is the first appreciable decline since 1919. True there was a slight decline in 1922 of 0.3 of no significance in the general trend.

## ILLEGITIMATE BIRTHS

By Ages of Mothers

Year	12	13	14	15	16	17	18	19	20	21	22	23	24	25	12-25	Over 25	Total	Rate
1925..	1	7	18	48	127	167	195	214	185	146	127	85	77	79	1476	405	1881	26.8
1926..	1	3	11	49	104	174	202	183	181	161	122	89	75	69	1424	399	1823	27.0
1927..	1	2	13	55	106	190	229	200	194	167	147	106	75	62	1547	411	1958	29.0
1928..	4	16	56	119	197	233	233	216	173	157	136	86	73	1699	471	2170	31.7	
1929..	2	3	25	60	125	193	256	268	227	202	164	138	114	83	1860	516	2376	34.6
1930..	5	27	72	146	198	249	294	293	200	207	143	145	97	2076	575	2651	37.2	
1931..	2	6	21	71	152	235	292	313	233	229	202	171	137	90	2154	619	2773	40.0
1932..	3	10	53	124	212	310	320	286	257	172	165	151	103	2166	668	2834	42.5	
1933..	4	17	52	144	209	314	331	268	256	200	144	128	97	2164	622	2786	43.8	
1934..	5	12	38	96	190	226	272	251	233	198	139	123	104	1887	613	2500	40.2	
Total.	7	42	170	554	1243	1965	2506	2628	2334	2024	1696	1316	1111	857	18453	5299	23752	.....

In the case of illegitimate births 75.5% of the mothers were under 25 years and of the total 2,500 such births, 1,272 or 50.9% were boys and 1,228 or 49.1% girls.

## MULTIPLE BIRTHS

There were 682 cases of twin births. Of these 696 were males and 668 females.

There were 6 cases of triplets, 6 boys and 12 girls.

1 case quintuplets—5 girls.

Table 15 will give a detailed explanation of the multiple births.

## QUINTUPLETS

The most famous case of multiple birth in the written history of the world took place in the Township of East Ferris, in the District of Nipissing, about 212 miles north of the City of Toronto. Here, on May 28th, 1934, were born five female children to one Oliva Dionne, a farmer, age 30, and his wife Elzire Legros, age 25. This couple were already the parents of five children. The total weight of the children was 13 pounds, 6 ounces.

These children were later named Annette, Cecile, Yvonne, Emelie and Marie.

The mother was attended by Dr. Allan Roy Dafoe, a physician residing at Callander, about two miles distant. When he arrived at the home at 4.00 a.m. one of the children had already been born.

The home was typical of that part of the Province, a frame building heated with wood stoves, and furnished as might be expected, not at all luxuriantly, and it is a tribute to the general practitioner that in such circumstances, assisted by two women only, without any provision for such a contingency, these children were all born alive and are living at this date.

It is stated that in about 500 years some 30 cases of quintuplet births have taken place, none of which lived beyond an hour.

These children have been taken into the paternal care of this Government which has spared no effort to make it possible for them to survive and Dr. Dafoe states that there is no reason why they should not reach maturity.

#### CONFINEMENTS

Multiple births.....	689
Single living births.....	60,940
Single still births.....	1,998
	63,627

Other tables dealing with births will be found from Table No. 1 to Table No. 15.

#### MARRIAGES

##### NUMBER AND RATE PER 1,000 OF POPULATION

	1934		1933	
	Number	Ratio	Number	Ratio
Province.....	25,874	7.3	22,587	6.4
Cities.....	14,948	9.5	13,084	8.4
Towns.....	1,626	8.7	1,421	7.8
Rural.....	9,300	5.1	8,082	4.5

##### NUMBER AND RATIO PER 1000 POPULATION FOR 10 YEARS

Year	Marriages	Ratio	Year	Marriages	Ratio
1925.....	23,074	7.4	1930.....	25,605	7.6
1926.....	23,632	7.4	1931.....	23,771	6.9
1927.....	24,677	7.6	1932.....	22,224	6.4
1928.....	25,728	7.8	1933.....	22,587	6.4
1929.....	27,605	8.3	1934.....	25,874	7.3

The tables dealing with marriages from various angles are numbered 16 to 22.

#### DIVORCES

There were 365 Decrees of Absolute Divorce granted by the Courts of Ontario in 1934. This was an increase of 57 over the preceding year.

The reason for the small number granted in 1931 is that the Divorce laws became effective for the first time in the Province, and as six months must

elapse between the decrees nisi and absolute, all decrees nisi granted after July 1st, would not be effective until after January 1st of the following year.

The following Table shows the Decrees Absolute granted by the Provincial Courts since the institution of the law:

## DIVORCES—YEARS AT MARRIED LIFE

Years Married	1931	1932	1933	1934	Years Married	1931	1932	1933	1934
1	1	..	..	3	19	1	7	10	11
2	1	10	7	7	20	4	7	13	5
3	2	9	8	9	21	1	6	10	11
4	3	14	14	13	22	..	7	2	7
5	3	17	17	16	23	2	4	1	4
6	5	17	22	23	24	..	2	5	4
7	4	19	17	21	25	..	5	1	4
8	4	19	23	28	26	1	5	3	4
9	7	22	16	23	27	1	2	6	5
10	10	20	16	34	28	..	3	3	1
11	4	21	14	19	29	..	2	1	1
12	9	22	21	16	30	..	1	..	1
13	8	17	20	12	31	..	3	..	..
14	5	12	12	21	32	1	1	..	1
15	3	14	12	16	33	..	1	1	3
16	4	16	10	14	34	..	1	1	..
17	4	16	13	13	41	..	..	..	1
18	4	30	9	14					
					Total...	91	343	308	365

Of these divorces 105 were granted to men and 260 to women.

## AGES OF DIVORCEES FOR THE PROVINCE OF ONTARIO—1934

## AGES OF WOMEN

Ages of Men	Total Men	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	
20	1		1																																				
21	1																																						
22	1	1																																					
23	2		2																																				
24	7		3	1																																			
25	14		3	3	1	1	3	2																															
26	10		1	1	3	2	1	3	1																														
27	10				1	3	1	4	2	2																													
28	13				1	3	1	2	2	1	2																												
29	11				1	1		1	2	1	1	2																											
30	15							1	5	2	3	2																											
31	16							1	3	2	6	2																											
32	19							1	1	1	6	2																											
33	15							1	1	1	3	4																											
34	15							1	1	1	3	2	2																										
35	17							1	2	1	2	2	4																										
36	14							1	2	1	1	2	3	5																									
37	19							2	1	2	4	2	2	2	2																								
38	8							1			1	1	1	1	1																								
39	9											2	2	1									2	2															
40	8											2	2	1								1	1	1															
41	8											1	2	2								1	1	1															
42	7											1	2	1								1	2	1															
43	9													2	1							1	1	1	1														
44	2																					1																	
45	4																					1																	
46	11																					1	2	1	1	1	1												
47	7																					1	1	1	1	1													
48	6																					1	1	1	1	1													
49	5																					1	1	1	1	1													
50	2																					1	1	1	1														
51	6																					1	1	1	1														
52	3																					1	1	1	1														
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54	1																																						
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64	1																																						
Total women	302	1	10	7	11	8	13	10	11	19	20	20	21	19	16	10	11	12	12	7	4	10	4	8	4	8	6	8	2	1	1	1	1	1	2	1	2		

Total Number of Divorces.....	365
Number Married in Ontario.....	302
Number Married outside Ontario.....	63
	365

## DEATHS

	1934		1933	
	Number	Ratio	Number	Ratio
Province.....	35,119	9.9	35,301	10.0
Cities.....	16,953	10.7	16,823	10.9
Towns.....	2,405	12.9	2,368	12.5
Rural.....	15,761	8.7	16,110	8.9

## DEATHS AND RATE PER 1,000 OF POPULATION FOR 10 YEARS

Year	Deaths	Ratio	Year	Deaths	Ratio
1925.....	33,960	10.8	1930.....	37,313	11.0
1926.....	35,909	11.3	1931.....	35,705	10.4
1927.....	34,775	10.7	1932.....	36,469	10.5
1928.....	37,128	11.3	1933.....	35,301	10.0
1929.....	38,123	11.4	1934.....	35,119	9.9

There was a numerical decrease of 182 deaths and a decrease of 0.1 in the rate. This is the lowest death rate since 1879 when the death rate was 9.6, but again we may reasonably assume that there was carelessness in respect to registration, if not as great as in the case of births, sufficiently great, nevertheless, to say that 9.9 is an all-time low record. It is exceeded as a low rate only in New Zealand (7.3), Australia (8.8), the Netherlands (9.0) and South Africa (8.6).

## TEN HIGHEST CAUSES OF DEATH IN EACH YEAR PER 100,000 OF POPULATION

	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
Organic heart disease.....	4,416	5,132	5,295	5,609	5,891	5,634	5,818	6,679	6,619	7,066
	141.9	163.1	164.6	171.0	176.7	166.1	169.2	192.1	187.6	198.3
Pneumonia (all forms).....	2,468	2,872	2,447	2,736	2,402	2,279	2,305	2,388	2,175	2,145
	79.3	91.3	76.1	83.4	78.1	67.3	67.1	68.7	61.7	60.2
Influenza.....	1,004	1,598	959	1,711	2,394	854	1,084	1,544	1,240	580
	32.1	50.8	29.8	52.1	71.9	25.2	31.6	44.4	35.1	16.3
Tuberculosis.....	1,842	1,835	1,803	1,832	1,703	1,791	1,728	1,604	1,465	1,337
	59.3	58.3	55.1	55.9	51.1	52.8	50.4	46.1	41.4	37.5
Cancer.....	2,951	3,116	3,177	3,441	3,402	3,635	3,726	3,825	4,044	4,034
	94.9	99.0	98.5	104.9	102.1	107.2	108.6	110.0	114.7	113.2
External causes.....	2,136	2,170	2,315	2,638	2,706	2,774	2,344	2,094	1,873	2,133
	68.7	69.0	71.9	80.4	81.2	81.8	68.3	60.2	51.1	59.8
Apoplexy.....	1,340	1,405	1,329	1,395	1,319	1,219	1,268	1,259	1,262	1,229
	43.1	44.6	41.3	42.5	39.6	36.0	37.0	36.2	35.8	34.5
Diseases of the arteries.....	2,610	2,718	2,738	3,111	3,270	3,628	3,165	3,559	3,574	3,793
	83.9	86.3	85.0	94.8	98.2	107.1	92.2	102.4	101.4	106.4
Infantile diarrhoea.....	883	615	573	643	740	943	821	483	571	509
	28.4	19.5	17.8	19.7	22.2	27.8	23.9	13.9	16.2	14.3
Nephritis.....	1,436	1,568	1,629	1,743	1,760	1,759	1,341	1,810	1,754	1,700
	46.2	49.0	50.6	53.1	52.8	51.9	39.0	52.1	49.7	47.7

In regard to the above causes it may be noted that the total for 1934 is 25,590 and accounts for 73.9% of all deaths.

Organic Heart maintains its upward direction. Tuberculosis again reflects the result of public health education by its new low rate of 37.5. Diseases of the arteries shows the highest rate it has ever reached.

## COMMUNICABLE DISEASES

	1925		1926		1927		1928		1929		1930		1931		1932		1933		1934	
Typhoid fever	137	4.4	76	2.4	109	3.4	78	2.4	97	2.9	78	2.3	99	2.9	58	1.67	51	1.5	49	1.4
Smallpox....	5	0.1	5	0.1	3	0.0	2	0.0	1	0.0	1	0.0	1	0.0	1	0.0	1	0.0	...	...
Measles....	80	2.5	156	4.9	82	2.5	62	1.9	143	4.3	95	2.8	29	0.8	118	3.39	37	1.0	5	0.1
Scarlet fever..	134	4.3	91	2.9	87	2.7	67	2.0	74	2.2	111	3.3	54	1.5	40	1.15	43	1.2	18	1.4
Whooping cough.....	273	8.7	245	7.8	181	5.6	175	5.4	194	5.9	180	5.4	174	5.0	132	3.79	119	3.3	178	4.7
Diphtheria....	251	8.0	227	7.2	297	9.3	213	6.5	262	8.0	202	6.1	157	4.5	89	2.56	40	1.1	23	0.6
Influenza....	1004	32.3	1588	50.5	959	30.0	1711	52.9	2394	73.2	854	25.7	1084	31.6	1544	44.4	1240	35.1	580	16.2

## TUBERCULOSIS

The death-rate from Tuberculosis establishes a new low record of 37.5.

Year	Death-rate
1884.....	2506 126.5
1894.....	2379 111.4
1904.....	2877 125.9
1914.....	2340 85.1
1924.....	1823 59.5
1934.....	1337 37.5

## TUBERCULOSIS

## DEATHS IN ONTARIO FROM TUBERCULOSIS BY AGES, 1925-1934

Year	Total	Ratio per 100,000	Under 5 years													80 and over	Not stated	Total deaths from all causes.	
			0-5					5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69				70-79
			0-1	1	2	3	4												
1925	1,842	59.3	50	32	22	22	7	43	46	146	471	361	257	182	132	56	13	2	33,960
1926	1,835	58.3	39	38	21	13	13	36	67	147	428	363	256	181	142	75	15	1	35,909
1927	1,803	55.1	30	27	13	7	11	37	59	171	417	365	279	160	127	72	15	13	34,775
1928	1,832	55.9	29	22	7	15	9	42	61	154	465	338	278	208	125	59	13	7	37,128
1929	1,703	51.1	31	37	15	12	9	42	46	164	415	306	261	157	131	66	9	2	38,123
1930	1,791	52.8	39	30	10	16	7	55	55	159	463	312	238	182	140	72	13	...	37,313
1931	1,728	50.4	25	33	11	16	5	33	46	132	458	337	228	178	134	75	15	2	35,705
1932	1,604	46.1	26	22	14	8	6	32	32	130	387	290	218	212	132	79	16	...	36,469
1933	1,465	41.5	23	28	15	10	10	30	32	101	375	259	223	168	111	68	11	1	35,301
1934	1,337	37.5	14	13	8	14	5	29	23	93	337	267	202	149	135	73	11	1	35,119

## TUBERCULOSIS

## NUMBER OF DEATHS IN EACH AGE GROUP AND RATE PER 100,000 POPULATION

	1929		1930		1931		1932		1933		1934	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate
Under 1 yr.	18 48.4	13 36.3	27 71.7	12 33.1	16 57.2	9 31.4	14 46.5	12 41.4	13 42.5	10 34.0	6 19.4	8 26.7
1 "	24 70.2	13 39.3	15 43.3	15 45.0	20 67.1	13 44.7	14 46.2	8 27.1	18 58.6	10 33.4	6 19.3	7 23.2
2 yrs.	8 21.2	7 19.0	4 10.4	6 16.3	4 12.6	7 22.6	7 21.7	7 22.3	9 27.5	6 18.8	5 15.1	3 9.3
3 "	7 18.3	5 13.6	5 13.1	11 29.4	7 21.7	9 28.4	4 12.2	4 12.4	7 21.1	3 9.2	7 20.9	7 21.3
4 "	4 10.6	5 13.6	1 2.6	6 16.2	2 6.0	3 9.6	4 12.2	2 6.3	8 23.9	2 6.2	4 11.8	1 3.0
5 to 9	23 12.5	19 10.6	28 15.0	27 14.9	13 7.6	20 12.1	10 5.8	22 13.2	16 9.2	14 8.3	14 7.9	15 8.7
10 " 14	16 9.0	30 17.6	20 11.2	35 20.2	19 11.6	27 17.1	12 7.3	20 12.6	13 7.8	19 11.8	10 5.9	13 7.9
15 " 19	67 39.7	97 58.0	49 22.8	110 65.0	49 30.0	83 53.3	51 30.8	79 50.1	36 21.4	65 40.7	27 15.9	66 40.8
20 " 24	93 58.9	106 65.6	120 75.2	136 83.2	84 56.9	147 102.3	77 51.5	113 77.8	73 48.1	119 80.6	62 40.4	85 57.0
25 " 29	103 75.4	113 82.6	99 71.6	108 78.0	112 82.4	115 89.2	94 68.3	103 79.0	70 50.1	113 85.5	79 56.0	81 60.6
30 " 34	88 73.2	79 69.0	74 62.3	93 80.1	101 78.4	86 69.7	93 71.3	76 60.8	70 52.9	62 48.8	67 50.1	74 57.8
35 " 39	88 82.3	53 51.9	82 75.7	63 61.1	68 54.0	82 67.8	80 62.8	41 33.4	72 55.7	55 44.2	78 59.7	41 32.6
40 " 44	90 97.3	48 54.3	75 80.1	56 62.4	75 63.6	46 41.6	78 65.3	48 42.8	60 49.5	46 40.5	64 52.2	36 31.3
45 " 49	74 92.6	49 65.3	59 72.8	48 63.4	77 71.2	30 30.5	55 50.2	37 37.3	67 60.4	50 49.6	63 56.1	39 31.4
50 " 59	108 87.9	49 42.3	119 95.7	63 53.8	121 74.7	57 37.3	133 81.1	79 51.1	109 65.6	59 37.5	101 60.1	48 28.5
60 " 69	78 95.5	53 70.5	100 120.9	40 52.6	72 69.2	62 59.8	75 71.2	57 54.3	62 58.1	49 46.0	85 78.8	50 46.3
70 " 79	33 83.2	33 89.0	43 107.4	29 76.9	46 83.5	29 51.3	39 69.9	40 103.8	32 56.5	36 61.7	39 68.1	34 59.4
80 yrs. and over...	4 32.1	7 58.6	6 47.6	7 57.2	6 43.9	9 55.7	5 36.6	11 65.9	6 42.8	5 30.0	2 14.1	9 63.5
Not stated.	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....
Total.....	924 55.9	779 48.0	926 55.5	865 52.9	894 51.1	834 49.1	845 47.7	759 44.5	741 41.2	724 41.8	720 39.6	617 35.3



## DEATHS FROM TUBERCULOSIS, 1934

"PLACE OF OCCURRENCE" AND "PLACE OF RESIDENCE" COMPARED

Counties (Exclusive of Cities and Towns of 5,000 and over.)	Place of Occurrence		Place of Residence		Cities and Towns of 5,000 and over.	Place of Occurrence		Place of Residence	
	Number	Rate	Number	Rate		Number	Rate	Number	Rate
Addington.....	3	42.0	3	42.0	Barrie.....	2	25.5	2	25.5
Algoma.....	5	20.2	16	64.7	Belleville.....	6	42.4	8	56.5
Brant.....	8	32.4	9	36.5	Brampton.....	2	36.4	3	54.6
Bruce.....	12	27.3	14	31.9	Brantford.....	13	42.0	11	35.5
Carleton.....	8	24.8	16	49.7	Brockville.....	8	81.2	8	81.2
Cochrane.....	19	45.2	24	55.2	Chatham.....	4	24.8	7	43.4
Dufferin.....	2	14.2	4	26.0	Cobourg.....	6	10.3	6	10.3
Dundas.....	6	35.8	10	59.7	Collingwood.....	3	53.6	4	71.5
Durham.....	10	37.4	11	41.1	Cornwall.....	11	91.8	8	66.7
Elgin.....	4	13.7	5	17.1	Dundas.....	1	20.0	1	20.0
Essex.....	9	14.5	15	24.3	Eastview.....	2	29.4	4	58.9
Frontenac.....	8	34.1	6	25.6	East Windsor.....	3	20.2	6	40.5
Glengarry.....	8	41.5	10	51.9	Fort Erie.....	1	18.3	1	18.3
Grenville.....	5	29.2	7	40.9	Fort Frances.....	3	56.7	2	37.8
Grey.....	8	17.0	11	23.4	Fort William.....	10	40.9	12	49.1
Haldimand.....	2	9.0	3	13.5	Galt.....	4	28.8	5	36.0
Haliburton.....	1	16.5	3	49.5	Guelph.....	3	14.2	9	42.7
Halton.....	4	10.9	7	25.5	Hamilton.....	25	16.2	60	38.9
Hastings.....	9	22.0	14	34.3	Hawkesbury.....	2	36.4	4	72.9
Huron.....	8	17.0	10	21.2	Ingersoll.....	..	..	..	..
Kenora.....	15	97.9	20	130.6	Kenora.....	9	120.2	4	53.4
Kent.....	13	26.4	19	38.7	Kingston.....	15	62.5	13	54.2
Lambton.....	15	38.6	22	56.7	Kitchener.....	4	12.5	13	40.6
Lanark.....	9	33.7	10	37.4	Lindsay.....	1	14.3	1	14.3
Leeds.....	12	44.6	11	40.9	London.....	24	32.1	35	46.8
Lennox.....	1	8.0	1	8.0	Midland.....	1	14.5	2	29.0
Lincoln.....	22	74.1	5	16.8	Mimico.....	..	..	3	43.9
Manitoulin.....	8	72.4	10	90.5	New Toronto.....	34	421.6	6	74.3
Middlesex.....	77	179.6	17	35.2	Niagara Falls.....	2	10.9	4	21.8
Muskoka.....	47	216.2	7	32.2	North Bay.....	5	30.7	4	24.6
Nipissing.....	10	37.7	14	52.8	Orillia.....	1	11.7	3	35.1
Norfolk.....	4	14.8	7	25.9	Oshawa.....	8	34.3	12	51.5
Northumberland.....	2	7.4	2	7.4	Ottawa.....	85	61.6	63	45.7
Ontario.....	8	23.9	7	20.9	Owen Sound.....	3	23.0	3	23.0
Oxford.....	5	14.9	7	20.9	Pembroke.....	4	39.2	8	78.5
Parry Sound.....	8	29.9	11	41.1	Peterborough.....	8	34.9	8	34.9
Peel.....	2	8.4	5	21.0	Port Arthur.....	10	50.2	11	55.2
Perth.....	5	13.9	8	22.2	Port Colborne.....	1	17.4	1	17.4
Peterborough.....	4	17.6	5	22.0	Preston.....	1	15.9	4	63.6
Prescott.....	7	34.7	8	39.6	Renfrew.....	3	56.8	3	56.8
Prince Edward.....	10	58.4	10	58.4	St. Catharines.....	3	11.2	11	41.3
Rainy River.....	3	23.2	5	38.8	St. Thomas.....	2	12.4	5	31.0
Renfrew.....	9	23.2	12	31.0	Sandwich.....	15	135.2	3	27.0
Russell.....	7	36.3	8	41.5	Sarnia.....	10	56.0	11	61.6
Simcoe.....	13	22.3	11	18.9	Sault Ste. Marie.....	7	29.9	5	21.3
Stormont.....	5	22.8	8	36.5	Simcoe.....	1	18.4	1	18.4
Sudbury.....	12	29.3	20	48.9	Smiths Falls.....	3	39.8	3	39.8
Thunder Bay.....	3	12.8	11	47.1	Stratford.....	1	5.7	7	39.9
Temiskaming.....	29	75.3	16	41.5	Sudbury.....	13	66.0	13	66.0
Victoria.....	2	10.1	2	10.1	Thorold.....	..	..	3	59.8
Waterloo.....	27	82.6	5	15.2	Timmins.....	6	32.8	16	87.6
Welland.....	7	17.1	13	31.8	Toronto.....	143	22.6	249	39.4
Wellington.....	7	17.7	12	30.3	Trenton.....	..	..	1	15.6
Wentworth.....	80	209.2	8	20.9	Walkerville.....	8	78.5	2	19.6
York.....	151	65.5	58	25.1	Waterloo.....	2	23.4	4	46.9
Outside of Ontario.....	..	..	9	..	Welland.....	2	19.0	5	47.6
					Whitby.....	2	37.8	1	18.9
					Windsor.....	11	17.4	26	41.1
					Woodstock.....	2	18.1	4	36.2
					From outside Ontario.....	..	..	3	..

CANCER

The following Table shows how deaths and the death rate from Cancer have increased in the last half century:

1884.....	422— 21.3
1894.....	621— 29.1
1904.....	1,253— 54.8
1914.....	1,872— 69.6
1924.....	2,946— 95.8
1934.....	4,034—113.2

CANCER

NUMBER OF DEATHS AND RATE PER 100,000 POPULATION BY AGE GROUPS

	1930				1931				1932				1933				1934			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Under 5 yrs.	5	2.6	5	2.7	7	4.4	5	3.3	7	4.4	5	3.2	10	6.2	10	6.4	9	5.5	5	3.1
5 to 9 yrs.	1	0.5	1	0.5	2	1.1	1	0.6	3	1.7	1	0.6	8	4.6	3	1.7	3	1.7	3	1.7
10 " 14 "	2	1.1	3	1.7	4	2.4	5	3.1	2	1.2	2	1.2	7	4.2	5	3.0	3	1.7	3	1.8
15 " 19 "	2	1.1	3	1.7	10	6.1	4	2.5	12	7.4	5	3.1	6	3.5	3	1.8	4	2.3	4	2.4
20 " 24 "	11	6.8	5	3.0	16	10.8	7	4.8	10	6.1	6	4.1	7	4.6	8	5.4	12	7.8	7	4.6
25 " 29 "	6	4.3	16	11.5	15	11.0	13	10.1	11	7.9	13	9.9	9	6.4	20	15.1	10	7.0	18	13.4
30 " 34 "	27	22.7	27	22.8	14	10.8	19	15.4	15	11.5	32	25.6	15	11.3	28	22.0	25	18.7	32	24.9
35 " 39 "	32	29.4	61	59.1	25	19.8	69	57.0	44	34.5	59	48.1	36	27.8	69	55.5	20	15.3	64	50.9
40 " 44 "	54	57.7	128	142.8	49	41.5	116	104.9	64	53.6	106	94.6	50	41.2	103	90.7	54	44.0	108	94.1
45 " 49 "	68	83.9	150	198.0	111	102.7	162	165.1	86	78.6	149	160.4	93	83.8	176	174.5	82	73.0	143	140.4
50 " 54 "	123	176.0	192	377.0	130	141.9	174	202.1	136	146.4	207	239.2	132	140.4	216	243.6	142	149.4	234	261.5
55 " 59 "	144	191.8	248	589.0	182	258.9	232	347.1	170	238.7	253	373.0	174	241.0	227	331.7	188	257.5	229	310.1
60 " 64 "	212	242.8	259	585.8	235	406.9	251	438.8	236	402.6	252	435.9	237	399.8	275	467.9	254	423.9	280	471.3
65 " 69 "	294	868.6	296	930.3	265	573.4	245	526.8	283	605.3	286	607.4	318	670.6	294	615.6	296	617.5	263	545.3
70 " 74 "	281	1425.6	231	982.7	297	839.5	241	665.6	280	782.7	264	716.3	325	896.0	321	858.8	326	889.0	321	854.6
75 " 79 "	218	1360.1	185	1303.0	229	1162.4	225	1109.3	236	1179.4	197	954.3	231	1138.4	218	1041.4	255	1243.2	226	1068.9
80 " 84 "	111	1348.4	112	1399.6	137	1475.6	105	1002.8	107	1139.9	123	1143.0	134	1407.1	143	1319.4	140	1456.6	130	1200.3
85 " 89 "	43	1421.9	49	1479.9	43	1264.6	58	1350.3	63	1872.1	67	1565.3	52	1524.0	50	1151.8	44	1275.3	59	1298.6
90 " +.....	12	892.8	19	1949.9	9	918.3	13	932.5	12	1354.4	19	1154.3	15	1392.7	15	1079.1	18	1652.8	20	1430.6
Not stated.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Total.....	1644	97.8	1991	121.9	1781	101.8	1945	115.6	1778	100.4	2047	120.1	1859	103.5	2185	126.4	1885	103.8	2149	122.8

CANCER

Table showing the distribution of deaths from various types according to class and rates per 100,000 of population as follows:

	1925		1926		1927		1928		1929		1930		1931		1932		1933		1934	
Buccal cavity...	142	4.6	134	4.3	141	4.4	132	4.1	155	4.7	124	3.7	183	5.3	155	4.4	192	5.4	172	4.8
Stomach.....	1050	33.8	1111	35.4	1115	34.9	1205	37.3	1139	34.8	1200	36.2	1889	55.0	1979	56.9	2063	58.5	2092	59.7
Peritoneum....	481	15.5	513	16.3	526	16.5	605	18.7	627	19.2	629	18.9	.....	.....	.....	.....	.....	.....	.....	.....
Female genital organs.....	333	10.7	353	11.2	348	10.9	337	10.4	355	10.8	400	12.3	367	10.7	398	11.4	439	12.4	490	13.7
Breast.....	331	10.7	307	9.8	310	9.8	344	10.7	333	10.2	415	12.5	389	11.3	415	11.9	407	11.5	401	11.2
Skin.....	81	2.6	88	2.8	75	2.3	72	2.2	75	2.3	87	2.6	104	3.0	85	2.4	72	2.0	84	2.3
Other or Un-specified.....	533	17.2	610	19.4	622	20.8	746	23.1	718	22.0	780	23.5	794	23.1	793	22.8	871	24.7	795	22.3
Total.....	2951	94.9	3116	99.0	3177	98.5	3441	104.9	3402	102.1	3635	107.2	3726	108.6	3825	110.0	4044	114.7	4034	113.2

## CANCER

Rates per 100,000 of population

	1931		1932		1933		1934	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Buccal cavity.....	183	5.3	155	4.4	192	5.4	172	4.8
Digestive tract.....	1,889	55.0	1,979	56.9	2,063	58.5	2,092	59.7
Respiratory organs.....	142	4.1	133	3.8	146	4.1	114	3.1
Uterus.....	281	8.1	321	9.2	325	9.2	374	10.4
Female genital organs.....	86	2.5	77	2.2	114	3.2	116	3.2
Breast.....	389	11.3	415	11.9	407	11.5	401	11.2
Male genito-urinary organs.....	280	8.1	298	8.5	324	9.1	320	8.9
Skin.....	104	3.0	85	2.4	72	2.0	84	2.3
Not specified organs.....	572	10.8	362	10.4	401	11.3	361	10.1
Total.....	3,726	108.6	3,825	110.0	4,044	114.7	4,034	113.2

## CANCER

Rates per 100,000 of population

	1931				1932				1933				1934			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Buccal cavity.....	147	4.2	36	1.0	129	3.7	26	0.7	158	4.4	34	0.9	146	4.0	26	0.7
Digestive tract.....	1,020	29.6	869	25.3	1,038	29.8	941	26.8	1,068	30.2	995	28.2	1,121	31.4	971	27.2
Respiratory organs.....	97	2.8	45	1.3	91	2.6	42	1.2	94	2.6	52	1.4	72	2.0	42	1.1
Uterus.....	281	8.1	.....	.....	.....	.....	321	9.2	.....	.....	325	9.2	.....	.....	374	10.4
Female genital organs.....	86	2.5	.....	.....	.....	.....	77	2.2	.....	.....	114	3.2	.....	.....	116	3.2
Breast.....	6	0.7	383	11.1	6	0.7	409	11.7	5	0.1	402	11.4	5	0.1	396	11.1
Male genito-urinary organs.....	280	8.1	.....	.....	298	8.5	.....	.....	324	9.1	.....	.....	320	8.9	.....	.....
Skin.....	60	1.7	44	1.2	54	1.5	31	0.8	44	1.2	28	0.7	56	1.5	28	0.7
Not specified organs.....	171	4.9	201	5.8	162	4.6	200	5.7	166	4.7	235	6.6	165	4.6	196	5.5
Total.....	1,781	51.8	1,945	56.6	1,778	51.1	2,047	58.9	1,859	52.7	2,185	61.9	1,885	52.8	2,149	60.3

The following table shows the difference in rates for the years 1914, 1924 and 1934:

	1914		1924		1934	
	No. of Deaths	Rate	No. of Deaths	Rate	No. of Deaths	Rate
Total.....	1,872	68.0	2,946	96.2	4,034	113.2
Buccal cavity.....	113	4.1	162	5.2	172	4.8
Stomach and liver.....	628	22.8	1023	33.4	2,092	59.7
Peritoneum and intestines.....	271	9.8	462	15.0	.....	.....
Female genital organs.....	144	5.2	323	10.5	490	13.7
Breast.....	126	4.5	320	10.4	401	11.2
Skin.....	25	0.9	85	2.7	84	2.3
Other organs.....	565	20.5	571	18.6	795	22.3

SPECIFIC DEATH RATES PER 100,000 POPULATION FROM CANCER  
BY AGE GROUPS

	1929-1933		1934	
	No. of Deaths	Ratio	No. of Deaths	Ratio
Under 30.....	388	4.0	81	4.2
30-39.....	710	29.5	141	27.2
40-49.....	2,016	101.0	387	85.7
50-59.....	3,603	250.9	793	242.7
60-69.....	5,232	552.7	1,093	507.3
70-79.....	4,841	979.3	1,128	973.2
80 and over.....	1,842	1,410.3	411	1,291.1

INFANT MORTALITY

DEATHS OF CHILDREN UNDER ONE YEAR—STATED CAUSES OF DEATH

(A) TOTAL DEATHS

	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	Mean
Total.....	5,530	5,302	4,812	4,880	5,204	5,260	4,833	4,133	3,804	3,523	4,728.1
1. Whooping cough....	169	153	121	114	121	127	117	86	84	122	121.4
2. Influenza.....	123	164	96	144	208	85	130	102	108	49	120.9
3. Convulsions.....	107	102	84	89	64	57	55	39	32	34	66.3
4. Respiratory diseases..	643	687	510	588	576	595	557	485	419	411	547.1
5. Diseases of digestive tract.....	767	594	564	690	795	989	815	509	544	507	677.4
6. Malformations.....	567	481	439	430	459	454	463	481	455	410	463.9
7. Congenital weakness..	2,440	2,501	2,414	2,323	2,460	2,403	2,276	2,051	1,813	1,660	2,234.1
8. All others.....	714	620	584	502	521	550	420	380	349	330	497.0

(B) RATE PER 1,000 LIVING BIRTHS

	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	Mean
Total.....	78.9	78.5	71.0	71.2	76.0	73.7	71.0	61.0	59.6	56.6	69.4
1. Whooping cough....	2.4	2.2	1.8	1.7	1.8	1.8	1.6	1.2	1.3	1.9	1.7
2. Influenza.....	1.8	2.4	1.4	2.1	3.0	1.2	1.8	1.3	1.7	0.7	1.7
3. Convulsions.....	1.5	1.5	1.2	1.3	0.9	0.8	0.7	0.5	0.5	0.5	0.9
4. Respiratory diseases..	9.2	10.3	7.5	8.6	8.4	8.3	8.0	7.2	6.5	6.6	8.0
5. Diseases of digestive tract.....	10.9	8.8	8.3	10.0	11.6	13.8	11.7	7.5	8.5	8.1	9.9
6. Malformations.....	8.1	7.1	6.5	6.3	6.7	6.4	8.4	7.1	7.1	6.6	7.0
7. Congenital weakness..	34.8	37.0	35.7	33.9	35.9	33.7	32.8	30.6	28.5	26.9	32.9
8. All others.....	10.2	9.2	8.6	7.3	7.7	7.7	6.0	5.6	5.5	5.3	7.3

Of these infant deaths:

- 756 or 21.45 per cent. lived less than one day.
- 756 or 21.45 per cent. lived less than one week.
- 441 or 12.52 per cent. lived less than one month.
- 533 or 15.13 per cent. lived less than three months.
- 499 or 14.17 per cent. lived less than six months.
- 340 or 9.65 per cent. lived less than nine months.
- 198 or 5.62 per cent. lived less than one year.



## DEATHS OF FEMALES FROM PUERPERAL CAUSES AND FROM ALL CAUSES BY AGES—1934

Ages 10-49	Deaths from		Deaths from puerperal causes per 100 deaths from all causes
	All causes	Puerperal causes	
10-14.....	150	1	0.66
15-19.....	231	19	8.22
20-24.....	325	63	19.38
25-29.....	355	80	22.53
30-34.....	385	78	20.26
35-39.....	421	67	13.33
40-44.....	531	35	6.59
45-49.....	609	5	0.82

## NUMBER OF PUERPERAL DEATHS AND RATE PER 1,000 LIVING BIRTHS

	Province			Cities			Towns			Rural		
	Births	Deaths	Rate	Births	Deaths	Rate	Births	Deaths	Rate	Births	Deaths	Rate
1925...	70,122	388	5.5	30,938	200	6.5	5,536	33	6.0	33,639	155	4.6
1926...	67,617	381	5.6	29,633	226	7.6	3,980	30	7.5	34,004	125	3.7
1927...	67,671	403	6.0	30,393	246	8.1	4,041	32	7.9	33,237	125	3.8
1928...	68,510	396	5.8	31,602	260	8.2	5,939	29	4.9	30,969	105	3.4
1929...	68,485	368	5.4	32,478	224	6.9	6,288	38	6.0	29,692	106	3.6
1930...	71,263	440	6.2	34,380	242	7.0	6,456	37	5.7	30,380	161	5.3
1931...	69,209	372	5.4	33,217	213	6.4	5,998	49	8.1	29,994	110	3.6
1932...	66,842	343	5.0	33,018	208	6.3	4,178	36	8.6	29,646	99	3.3
1933...	63,646	346	5.4	31,107	203	6.5	4,114	25	6.0	28,425	118	4.1
1934...	62,234	348	5.6	30,309	210	6.9	3,876	27	6.9	28,049	111	3.9

DEATHS OF WOMEN NOT CLASSIFIED TO PREGNANCY OR CHILD-BEARING BUT  
RETURNED AS ASSOCIATED THEREWITH, ONTARIO, 1934

Int. List No.	Causes of Death	Number
8	Scarlet fever.....	1
10	Diphtheria.....	1
11	Influenza.....	9
17	Lethargic or epidemic encephalitis.....	1
23	Tuberculosis of the respiratory system.....	3
26	Tuberculosis of the vertebral column.....	1
34	Syphilis.....	2
46c	Cancer of the rectum.....	1
48a	Cancer of the uterus.....	1
85	Epilepsy.....	1
92a	Endocarditis specified as chronic and other valvular diseases.....	4
93c	Chronic myocarditis and myocardial degeneration.....	1
107a	Bronchopneumonia.....	3
108	Lobar pneumonia.....	6
117a	Ulcer of the stomach.....	1
121	Appendicitis.....	1
125a	Yellow atrophy of the liver.....	1
163	Suicide by solid or liquid poisons or by absorption of corrosive substances.....	2
175	Homicide.....	3
179	Acute accidental poisonings (except by gas).....	1
182	Accidental mechanical suffocation.....	1
	Total.....	45

## DEATHS FROM EXTERNAL CAUSES (EXCLUDING SUICIDES)

## RATES PER 100,000 OF POPULATION

	1925		1926		1927		1928		1929		1930		1931		1932		1933		1934	
Automobiles..	256	8.17	242	7.60	387	11.97	437	13.3	556	16.18	517	15.29	574	16.72	497	14.30	416	11.80	528	14.81
Burns.....	122	3.89	130	4.81	104	3.22	143	4.38	124	3.72	117	3.46	117	3.41	124	3.56	114	3.23	115	3.22
Drowning....	326	10.41	298	9.36	313	9.37	373	11.36	302	9.06	341	10.08	369	10.75	361	10.38	314	8.91	271	7.68
Falls.....	190	6.06	259	8.14	266	8.23	325	9.91	384	11.52	450	13.31	.....	.....	.....	.....	.....	.....	.....	.....
Fractures....	196	6.26	199	6.25	192	5.94	191	5.82	43	1.29	63	1.86	.....	.....	.....	.....	.....	.....	.....	.....
Railroads....	115	3.67	208	6.54	160	5.95	168	5.12	159	4.77	163	4.82	105	3.06	97	2.79	86	2.44	91	2.55
Other Acci- dents.....	666	21.2	565	17.7	575	17.8	718	21.9	768	23.0	719	21.22	1179	34.36	1015	29.20	943	26.75	1128	31.65

The following "Special Classes of Accidental Deaths" is supplemental to the foregoing Table and includes the first item in the foregoing, that is "Deaths from Automobiles" and the last item, that is "Other Accidents," and shows the manner in which these deaths occurred.

There has been an increase of 185 deaths from external causes, the majority of which (112) are attributed to automobiles.

SPECIAL CLASSES OF ACCIDENTAL DEATHS  
ONTARIO—1934

Int. List No.	Causes of Death	Male	Female
	A.—Accidents in mines and quarries.....	24	..
178	Accidental absorption of toxic gases.....	1	..
185	Accidental injury by cutting or piercing instruments.....	2	..
186	Accidental injury by fall, crushing or landslide.....	13	..
194	Other accidents.....	8	..
	B.—Accidents caused by machines.....	42	3
181	Accidental burns (conflagration excepted).....	..	2
182	Accidental mechanical suffocation.....	..	1
185	Accidental injury by cutting or piercing instruments.....	2	..
186	Accidental injury by fall, crushing or landslide.....	26	..
194	Other accidents.....	14	..
	C.—Railway accidents.....	79	12
178	Accidental absorption of toxic gases.....	2	..
186	Accidental injury by fall, crushing or landslide.....	76	12
194	Other accidents.....	1	..
	D.—Street car accidents.....	11	9
186	Accidental injury by fall, crushing or landslide.....	11	9
	E.—Automobile and motorcycle accidents.....	402	126
178	Accidental absorption of toxic gases.....	9	..
181	Accidental burns (conflagration excepted).....	2	1
182	Accidental mechanical suffocation.....	1	..
183	Accidental drowning.....	8	2
185	Accidental injury by cutting or piercing instruments.....	7	..
186	Accidental injury by fall, crushing or landslide.....	375	123
	F.—Other land transportation.....	58	5
182	Accidental mechanical suffocation.....	1	..
183	Accidental drowning.....	3	..
185	Accidental injury by cutting or piercing instruments.....	2	..
186	Accidental injury by fall, crushing or landslide.....	51	5
194	Other accidents.....	1	..
	G.—Water transportation.....	80	8
183	Accidental drowning.....	76	8
186	Accidental injury by fall, crushing or landslide.....	2	..
190	Excessive cold.....	1	..
194	Other accidents.....	1	..
	H.—Air transportation.....	7	..
186	Accidental injury by fall, crushing or landslide.....	7	..



## SUICIDES

In 1934 there were 360 suicides. The rate per 100,000 of population was 10.1, just 0.02 less than for 1933.

Of these, 267 or 74.93 were males and 93 or 26.10 females.

	Total		Under 20		20-39		40-59		60 and over	
	No.	%	No.	%	No.	%	No.	%	No.	%
Males . . .	267	100	7	2.62	81	30.33	116	43.44	63	23.59
Females . .	93	100	4	4.30	31	33.33	40	43.01	18	19.35
Total . .	360	100	11	4.05	112	31.11	156	43.33	81	22.49

Method of suicide over a ten-year period is shown in the following table:

	Total	Rate	Poison	Gas	Hanging	Drowning	Shooting	Cutting	Jumping	Crushing	Others
1924	259	8.5	68	24	53	36	48	15	13	1	7
1925	239	8.5	50	30	62	26	40	22	7	1	6
1926	271	8.6	60	10	68	33	61	26	2	2	5
1927	318	10.0	77	28	71	56	45	31	6	1	5
1928	285	8.7	61	25	78	33	55	22	4	2	2
1929	320	9.6	68	25	74	60	53	21	7	5	2
1930	404	11.9	02	38	90	50	70	33	12	4	2
1931	426	12.4	103	33	95	68	74	24	13	3	3
1932	423	12.2	192	53	74	66	92	29	23	4	.....
1933	366	10.3	86	41	88	38	68	29	12	1	3
1934	360	10.1	90	31	61	55	71	32	11	4	5



**Table 1—General Summary of Births, Deaths and Marriages in the Province of Ontario by County Municipalities (including Cities and Towns), 1934**

COUNTIES	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS								Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population	
		Total	M	F		All ages			Under 1 year		1-4 years		5 years and over					
						Total	M	F	M	F	M	F	M					F
<b>Total.....</b>	<b>*3,563,000</b>	<b>62,234</b>	<b>31,850</b>	<b>30,384</b>	<b>17.5</b>	<b>35,119</b>	<b>18,731</b>	<b>16,388</b>	<b>1,989</b>	<b>1,534</b>	<b>522</b>	<b>351</b>	<b>16,220</b>	<b>14,503</b>	<b>9.9</b>	<b>2,091</b>	<b>25,874</b>	<b>7.3</b>
Addington.....	7126	128	50	78	17.9	66	40	26	4	1	2	...	34	25	9.9	3	62	8.6
Algoma.....	48101	1004	546	458	21.6	408	251	157	39	25	10	7	202	125	8.4	34	348	6.3
Brant.....	55582	905	435	470	16.2	569	284	285	22	19	9	4	253	262	10.2	28	424	7.6
Bruce.....	43825	777	391	386	17.7	525	278	247	20	21	7	3	251	223	11.9	25	292	6.6
Carleton.....	176725	3337	1678	1659	18.8	1904	1028	876	143	103	38	18	847	755	10.7	110	1274	7.2
Cochrane.....	60214	1842	976	866	30.5	514	320	194	85	62	24	15	211	117	8.5	47	522	8.6
Dufferin.....	15330	232	127	105	15.1	167	89	78	7	4	3	...	79	74	10.8	14	94	6.1
Dundas.....	16747	253	140	113	15.1	185	112	73	12	4	2	...	98	69	11.0	5	109	6.5
Durham.....	26722	362	195	167	13.5	303	173	130	8	4	3	1	162	125	11.3	17	161	6.0
Elgin.....	45250	681	374	307	15.0	510	250	260	19	16	1	3	230	241	11.2	22	310	6.8
Essex.....	166035	2934	1479	1455	17.6	1274	645	629	68	67	22	20	555	542	7.6	64	1141	6.8
Frontenac.....	47387	905	431	474	19.1	661	375	286	25	32	11	4	339	250	13.9	37	335	7.0
Glengarry.....	19240	328	174	154	17.0	168	83	85	16	8	3	5	64	72	8.7	13	90	4.6
Grenville.....	17103	240	129	111	14.0	200	97	103	10	6	3	2	84	95	11.6	3	92	5.3
Grey.....	59858	1034	497	537	17.2	649	333	316	26	22	4	5	303	289	10.8	32	352	5.8
Haldimand.....	22090	306	156	150	13.8	257	139	118	4	6	4	2	131	110	11.6	15	156	7.0
Haliburton.....	6057	145	65	80	23.9	39	23	16	5	2	...	...	18	14	6.4	4	32	5.2
Halton.....	27436	269	141	128	9.7	196	101	95	5	4	4	1	92	90	6.9	7	155	5.6
Hastings.....	61283	1257	650	607	20.5	688	354	334	42	32	8	8	304	294	11.2	41	490	7.9
Huron.....	47031	691	360	331	14.6	521	264	257	11	8	2	2	251	247	11.0	28	268	5.6
Kenora.....	22803	471	247	224	20.1	182	115	67	16	14	7	3	92	50	7.9	12	172	7.5
Kent.....	65203	1235	636	599	18.9	719	406	313	42	33	9	2	355	278	11.8	41	500	7.6
Lambton.....	56651	952	507	445	16.8	579	309	270	28	25	7	5	274	240	10.2	27	311	5.4
Lanark.....	34205	611	312	299	17.8	357	175	182	18	9	5	1	152	172	10.4	17	209	6.1
Leeds.....	36699	586	311	275	15.9	479	243	236	21	15	5	1	217	220	13.0	26	194	5.2
Lennox.....	12471	158	72	86	11.8	131	72	59	4	3	1	1	67	55	10.4	1	70	5.6
Lincoln.....	56296	900	457	443	15.8	522	258	264	27	15	5	3	226	246	9.2	23	402	7.1
Manitowlin.....	11046	280	138	142	25.3	134	65	69	14	20	5	6	46	43	12.1	9	86	7.7
Middlesex.....	122922	1842	961	881	15.0	1554	793	761	45	41	15	15	733	705	12.6	62	955	7.7
Muskoka.....	21734	382	194	188	17.5	255	153	102	13	13	4	2	136	87	11.7	11	193	8.9
Nipissing.....	42756	1159	574	585	27.1	416	248	168	51	43	23	8	174	117	9.7	48	375	8.8
Norfolk.....	32424	666	334	332	20.5	371	188	183	13	13	2	5	173	165	11.4	16	192	5.9
Northumberland.....	32779	511	266	245	15.5	381	192	189	20	11	4	4	168	174	11.6	24	194	5.9
Ontario.....	61996	918	489	429	14.8	649	349	300	32	20	6	5	311	275	10.4	28	404	6.5
Oxford.....	49525	769	387	382	15.5	615	313	302	16	14	4	4	293	284	10.3	24	313	6.3
Parry Sound.....	26722	619	335	284	23.1	248	150	98	27	16	11	4	112	78	9.2	24	211	7.8
Peel.....	29216	401	214	187	13.7	233	134	99	9	6	...	...	125	93	7.9	12	172	5.8
Perth.....	53445	809	396	413	15.1	523	258	265	19	19	4	6	235	240	9.7	30	344	6.4
Peterborough.....	45606	778	388	390	17.0	558	317	241	22	16	11	7	284	218	12.2	39	312	9.0
Prescott.....	25653	630	331	299	24.5	266	152	114	46	29	12	4	94	81	10.3	14	154	6.0
Prince Edward.....	17103	248	137	111	14.5	203	96	107	8	5	3	...	85	102	11.8	5	74	4.8
Rainy River.....	18172	374	197	177	20.5	122	72	50	11	14	...	...	61	34	6.7	4	96	5.2
Renfrew.....	54157	1119	548	571	20.6	539	308	231	47	30	18	7	243	194	9.9	43	288	5.3
Russell.....	19240	422	212	210	21.9	154	79	75	28	17	4	4	47	54	8.0	8	93	4.8
Simcoe.....	86936	1512	751	761	17.3	1044	542	502	63	48	15	9	464	445	12.0	62	526	6.0
Stormont.....	33848	888	439	449	26.2	425	240	185	50	39	10	3	180	143	12.5	29	285	8.4
Sudbury.....	60571	1786	894	892	29.4	490	297	193	79	55	13	9	205	129	8.0	69	581	9.5
Thunder Bay.....	67696	1113	580	533	16.4	476	292	184	35	28	17	10	240	146	7.0	39	468	6.9
Timiskaming.....	38481	1081	536	545	28.0	300	183	117	42	30	7	3	134	84	7.7	34	383	9.9
Victoria.....	26723	427	214	213	15.9	333	191	142	21	14	5	3	165	125	12.4	21	181	6.7
Waterloo.....	93350	1635	808	827	17.5	895	460	435	50	36	6	10	404	389	9.5	49	668	7.1
Welland.....	85868	1343	689	654	17.6	752	425	327	46	34	6	9	373	284	8.7	44	607	7.0
Wellington.....	60571	989	524	465	16.3	647	368	279	30	19	8	9	330	251	10.6	50	369	6.0
Wentworth.....	197390	3021	1558	1463	15.3	1939	975	964	87	69	22	17	866	878	9.8	113	1473	7.4
York.....	889681	13969	7220	6749	15.7	7824	4074	3750	338	275	88	70	3648	3405	8.7	483	7312	8.2

\*Including 3,919 in the District of Patricia.

Table 2—Number of Births, Deaths and Marriages, and the ratio per 1,000 of population in each county (excluding cities and towns of 5,000 population and over), Ontario, 1934

COUNTIES	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS								Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population	
		Total	M	F		All ages			Under 1 year		1-4 years		5 years and over					
						Total	M	F	M	F	M	F	M					F
Total, including all municipalities.....	3,563,000 (*)	62,234	31,850	30,384	17.5	35,119	18,731	16,388	1,989	1,534	522	351	16,220	14,503	9.9	2,091	25,874	7.3
Total, excluding cities and towns of 5,000 and over.....	1,806,419	27,935	14,260	13,675	15.4	15,761	8,558	7,203	918	716	213	155	7,427	6,332	8.7	835	9,300	5.1
Addington.....	7126	128	50	78	17.9	66	40	26	4	1	2	1	34	25	9.2	3	62	8.6
Algoma.....	24716	511	276	235	20.6	194	123	71	23	14	5	3	95	54	7.8	10	139	5.6
Brant.....	24630	330	164	166	13.3	219	121	98	9	6	6	3	106	91	8.8	11	112	4.5
Bruce.....	43825	777	391	386	17.7	525	278	247	20	21	7	3	251	223	11.9	25	292	6.6
Carleton.....	32132	380	183	197	11.8	231	113	118	13	17	1	2	99	99	7.1	8	153	4.7
Cochrane.....	41958	1252	667	585	29.8	344	215	129	52	35	15	11	148	83	8.1	28	317	7.5
Dufferin.....	15330	232	127	105	15.1	167	89	78	7	4	3	1	79	74	10.8	14	94	6.1
Dundas.....	16747	253	140	113	15.1	185	112	73	12	4	2	1	98	69	11.0	5	109	6.5
Durham.....	26722	362	195	167	13.5	303	173	130	8	4	3	1	162	125	11.3	17	161	6.0
Elgin.....	29156	358	198	160	12.2	286	141	145	10	8	1	2	130	135	9.8	6	166	5.6
Essex.....	61709	919	464	455	14.8	363	183	180	19	25	4	6	160	149	5.9	15	220	3.5
Frontenac.....	23416	296	137	159	12.6	209	119	90	8	12	1	2	111	76	8.9	12	89	3.8
Glengarry.....	19240	328	174	154	17.0	168	83	85	16	8	3	5	64	72	8.8	13	90	4.6
Grenville.....	17103	240	129	111	19.8	200	97	103	10	6	3	2	84	95	11.6	3	92	5.3
Grey.....	46827	711	332	379	15.1	485	258	227	17	16	4	5	237	206	10.3	20	223	4.7
Halidamand.....	22090	306	156	150	13.8	257	139	118	4	6	4	2	131	110	11.6	15	156	7.0
Haliburton.....	6057	145	65	80	23.9	39	23	16	5	2	1	1	18	14	6.4	4	32	5.2
Halton.....	27436	269	141	128	9.8	196	101	95	5	4	4	1	92	90	7.1	7	155	5.6
Hastings.....	40737	768	402	366	18.8	404	210	194	27	21	2	4	181	169	9.9	19	222	5.4
Huron.....	47031	691	360	331	14.6	521	264	257	11	8	2	2	251	247	11.0	28	268	5.6
Kenora.....	15316	278	139	139	18.1	112	70	42	12	9	5	2	53	31	7.1	3	90	5.8
Kent.....	49083	729	377	352	14.8	454	258	196	29	20	6	1	223	175	9.2	22	320	6.5
Lambton.....	38797	552	302	250	14.2	359	200	159	17	15	2	2	181	142	9.2	12	182	4.6
Lanark.....	26677	470	240	230	17.6	254	122	132	10	8	4	1	108	123	9.5	12	147	5.7
Leeds.....	26853	345	179	166	12.8	317	166	151	13	9	2	1	151	141	12.1	10	108	3.7
Lennox.....	12471	158	72	86	12.6	131	72	59	4	3	1	1	67	55	10.5	1	70	5.6
Lincoln.....	29682	295	148	147	9.9	251	128	123	11	3	2	1	115	120	8.4	6	168	5.5
Manitoulin.....	11046	280	138	142	25.3	134	65	69	14	20	5	6	46	43	12.1	9	86	7.7
Middlesex.....	48240	505	266	239	10.4	549	304	245	15	7	4	6	285	232	11.3	16	263	5.4
Muskoka.....	17134	382	194	188	17.5	255	153	102	13	13	4	2	136	87	11.7	11	193	8.8
Nipissing.....	26496	791	390	401	29.8	240	139	101	37	33	14	5	88	63	9.0	32	211	7.9
Norfolk.....	27014	417	207	210	15.4	255	138	117	7	8	2	4	129	105	9.4	9	119	4.4
Northumberland.....	26970	373	181	192	13.8	289	153	136	14	6	3	3	136	127	10.7	14	147	5.4
Ontario.....	33413	370	191	179	11.0	296	168	128	11	6	2	1	155	122	8.8	7	146	4.3
Oxford.....	33359	432	224	208	12.9	324	174	150	8	9	1	4	165	137	9.7	14	178	5.3
Parry Sound.....	26722	619	335	284	23.0	248	150	98	27	16	11	4	112	78	9.2	24	211	7.8
Peel.....	23726	224	126	98	9.4	164	92	72	4	3	1	1	88	69	6.9	6	120	5.0
Perth.....	35903	489	243	246	13.6	332	164	168	11	14	1	6	152	148	9.2	22	213	5.9
Peterborough.....	22685	233	98	135	9.8	205	119	86	7	8	1	2	111	76	8.6	12	82	3.4
Prescott.....	20171	475	252	223	23.5	204	117	87	38	25	7	3	72	59	11.1	12	124	6.1
Prince Edward.....	17103	248	137	111	14.5	203	96	107	8	5	3	1	85	102	11.8	5	74	4.3
Rainy River.....	12883	268	144	124	20.8	77	43	34	7	7	2	2	36	25	5.9	4	40	3.1
Renfrew.....	38696	692	333	359	17.8	322	192	130	30	20	10	4	152	106	8.3	26	163	4.2
Russell.....	19240	422	212	210	21.9	154	79	75	28	17	4	4	47	54	8.0	8	93	4.8
Simcoe.....	78696	766	366	400	13.1	563	302	261	35	24	8	4	259	233	9.6	31	276	4.7
Stormont.....	21863	454	229	225	20.7	185	104	81	23	13	5	1	76	68	8.4	11	63	2.8
Sudbury.....	40890	1019	527	492	24.9	261	165	96	51	38	7	5	107	53	6.4	38	294	7.1
Thunder Bay.....	23358	162	85	77	6.9	101	70	31	8	7	6	5	56	19	4.3	5	36	1.5
Timiskaming.....	38481	1081	536	545	28.0	300	183	117	42	30	7	3	134	84	7.7	34	383	9.9
Victoria.....	19759	240	118	122	10.3	200	107	93	8	11	1	2	98	80	10.1	10	96	4.8
Waterloo.....	32689	459	211	248	14.0	295	159	136	14	13	3	3	144	120	5.9	10	185	5.6
Welland.....	40867	423	228	195	7.1	246	138	108	16	17	1	2	121	89	6.0	5	138	3.3
Wellington.....	39541	662	356	306	16.7	405	234	171	17	15	3	5	214	151	10.2	31	177	4.4
Wentworth.....	38242	258	123	135	6.7	401	192	209	4	3	2	1	186	206	10.4	9	101	2.6
York.....	230463	3108	1602	1506	13.4	1313	660	653	45	39	7	11	608	603	5.6	91	842	3.6

\* Including 3,919 in the District of Patricia.

Table 3—General Summary of Births, Deaths and Marriages in the Province of Ontario for Cities and Towns of 10,000 and Over, 1934

CITIES	Estimated Population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS								Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population	
		Total	M	F		All ages			Under 1 year		1-4 years		5 years and over					
						Total	M	F	M	F	M	F	M					F
Total.....	1,570,223	30,589	15,679	14,910	19.5	16,953	8,927	8,026	941	726	274	177	7,712	7,123	10.7	1,116	14,948	9.5
Belleveille.....	14155	367	194	173	25.9	209	106	103	10	7	4	3	92	93	14.7	18	175	12.3
Brantford.....	30952	575	271	304	18.5	350	163	187	13	13	3	3	147	171	11.3	17	312	10.0
Chatham.....	16120	506	259	247	21.3	265	148	117	13	13	3	1	132	103	16.4	20	180	11.1
Cornwall.....	11985	434	210	224	36.2	240	136	104	27	26	5	3	104	75	26.0	18	222	18.5
East Windsor.....	14805	242	126	116	16.3	38	14	24	1	2	2	2	13	20	2.5	4	61	6.1
Fort William.....	24432	474	256	218	19.4	186	116	76	12	8	7	3	91	65	7.6	20	223	9.1
Galt.....	13886	289	145	144	20.8	196	102	94	10	6	2	2	89	86	14.1	8	80	5.7
Guelph.....	21030	327	168	159	15.5	242	134	108	13	4	5	4	116	100	11.5	19	192	9.1
Hamilton.....	154148	2730	1420	1310	17.7	1462	748	714	83	65	20	17	645	632	9.4	104	1323	8.5
Kingston.....	23971	609	294	315	25.4	452	256	196	17	26	11	2	228	174	18.8	25	246	10.6
Kitchener.....	31966	727	370	357	22.7	510	148	162	21	15	2	3	125	144	9.6	25	282	9.2
London.....	74682	1337	695	642	17.9	1005	489	516	30	34	11	9	448	473	13.4	46	692	9.8
Niagara Falls.....	18294	405	207	198	22.1	202	117	85	12	16	2	3	103	72	11.6	17	182	9.0
North Bay.....	16260	368	184	184	22.6	176	109	67	14	10	6	3	86	54	10.8	16	164	10.0
Oshawa.....	23302	516	282	228	21.8	195	102	93	26	14	4	4	78	75	8.5	21	217	9.3
Ottawa.....	137808	2824	1426	1398	20.4	1618	887	731	121	79	35	15	531	637	11.7	95	1063	7.6
Owen Sound.....	13031	323	165	158	24.7	164	75	89	9	6	1	1	66	83	12.5	12	139	8.2
Pembroke.....	10180	280	136	144	27.5	145	77	68	12	5	5	1	60	62	14.2	12	89	8.8
Peterborough.....	22921	545	290	255	23.7	353	198	155	15	8	10	5	173	142	15.4	27	230	10.5
Port Arthur.....	19906	477	239	238	25.9	189	112	77	15	13	4	2	93	62	9.4	14	209	10.0
St. Catharines.....	26614	605	309	296	22.7	271	130	141	16	12	3	3	111	126	10.1	17	234	8.3
St. Thomas.....	16094	323	176	147	20.0	224	109	115	9	8	1	1	100	106	13.9	16	144	8.9
Sandwich.....	11099	160	77	83	14.4	54	23	31	1	8	1	1	22	27	4.8	8	38	4.3
Sarnia.....	17854	400	205	195	22.4	220	109	111	11	10	5	3	63	98	12.3	15	129	7.2
Sault Ste. Marie.....	23385	493	270	223	21.6	214	128	86	16	11	5	4	107	71	10.8	24	209	9.9
Stratford.....	17542	320	153	167	18.2	191	94	97	8	5	3	3	83	92	10.8	31	131	7.4
Sudbury.....	19681	767	367	400	38.9	229	132	97	28	17	6	4	98	76	16.3	19	205	14.5
Timmins.....	18256	590	309	281	32.3	170	105	65	33	27	9	4	63	34	9.3	19	205	11.2
Toronto.....	630921	10615	5490	5125	16.6	6266	3295	2971	286	231	81	58	2928	2682	9.9	387	6317	17.0
Walkerville.....	10195	377	185	192	26.9	186	101	88	15	9	6	3	80	76	18.5	16	105	10.3
Welland.....	10498	254	130	124	24.2	152	89	63	12	5	2	3	75	55	14.4	15	151	14.3
Windsor.....	63215	1122	566	556	17.7	581	293	288	31	27	16	10	252	253	9.1	22	606	9.4
Woodstock.....	11035	214	105	109	19.4	195	88	107	7	3	1	1	86	104	17.6	6	96	8.1

Table 4—General Summary of Births, Deaths and Marriages for Towns of 5,000 to 10,000 Population, in the Province of Ontario, 1934

TOWNS 5,000 to 10,000 population	Estimated Population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS								Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population	
		Total	M	F		All ages			Under 1 year		1-4 years		5 years and over					
						Total	M	F	M	F	M	F	M					F
Total.....	186,358	3,710	1,911	1,799	19.9	2,405	1,246	1,159	130	92	35	19	1,081	1,048	12.9	149	1,626	8.7
Barrie.....	7840	204	99	105	26.0	127	61	66	9	4	1	2	51	60	16.1	9	71	8.9
Brampton.....	5490	177	88	89	32.2	69	42	27	5	3	1	1	37	24	12.4	6	52	9.4
Brockville.....	9846	241	132	109	24.4	162	77	85	6	6	3	3	66	79	16.4	16	86	8.7
Cobourg.....	5809	138	85	53	23.7	92	39	53	6	5	1	1	32	47	15.8	10	47	8.0
Collingwood.....	5588	123	63	60	22.0	104	54	50	2	6	2	2	50	44	18.6	3	47	8.4
Dundas.....	5000	33	15	18	6.6	76	35	41	1	1	1	1	35	40	17.2	2	49	9.8
Eastview.....	6785	133	69	64	19.5	55	28	27	9	7	2	1	17	19	8.9	1	61	8.9
Forest Hill.....	8021	11	5	6	11.4	26	15	11	1	1	1	1	15	11	3.2	2	9	1.1
Fort Erie.....	5448	82	42	40	15.0	67	35	32	1	1	1	1	33	32	12.2	3	38	6.9
Fort Frances.....	5289	106	53	53	20.0	45	29	16	4	7	1	1	25	9	8.5	5	56	10.5
Hawkesbury.....	5482	155	79	76	28.2	62	35	27	8	4	5	1	22	22	11.3	2	30	5.4
Ingersoll.....	5131	123	58	65	23.9	96	51	45	1	2	2	1	48	43	18.7	4	45	8.7
Kenora.....	7487	193	108	85	25.7	70	45	25	4	5	2	1	39	19	9.3	9	82	10.9
Leamington.....	5012	114	61	53	22.7	49	31	18	1	1	2	1	28	17	9.7	5	68	13.5
Lindsay.....	6964	187	96	91	26.8	133	84	49	13	3	4	1	67	45	19.0	11	85	12.2
Midland.....	6885	183	102	81	26.5	103	54	49	9	9	3	2	42	38	14.9	10	34	4.9
Mimico.....	6824	113	57	56	16.5	28	12	16	4	4	1	1	8	11	4.1	3	62	9.0
New Toronto.....	8074	104	56	48	12.8	166	81	85	2	1	1	1	79	84	20.5	2	98	11.4
Orillia.....	8544	236	121	115	27.6	147	71	76	8	5	1	1	62	70	17.2	9	49	6.0
Port Colborne.....	5745	113	54	59	19.6	38	21	17	4	2	2	1	17	14	6.6	4	50	8.7
Preston.....	6281	78	43	35	12.4	44	23	21	3	2	2	1	20	18	7.0	4	42	6.6
Renfrew.....	5281	147	79	68	27.8	72	39	33	5	5	3	2	31	26	13.6	5	36	6.8
Simcoe.....	5410	249	127	122	46.0	116	50	66	6	5	1	1	44	60	21.4	4	73	13.4
Smiths Falls.....	7528	141	72	69	18.7	103	53	50	8	1	1	1	44	49	13.6	5	62	8.2
Swansea.....	5378	18	10	8	3.3	25	11	14	1	1	1	1	10	14	4.6	1	33	6.1
Thorold.....	5016	66	28	38	13.1	47	25	22	1	1	1	1	24	22	9.3	3	48	9.5
Trenton.....	6391	122	54	68	19.0	75	38	37	5	4	2	1	31	32	11.7	4	93	14.5
Waterloo.....	8528	82	39	43	9.6	50	28	22	2	2	1	1	26	21	5.8	2	79	7.2
Whitby.....	5281	38	16	22	7.1	158	79	79	1	1	1	1	78	78	29.9	1	41	7.7

Table 5—General Summary of Births, Deaths and Marriages in the Province of Ontario for Towns of 1,000 Population and Under 5,000—1934

Towns 1,000 and over and under 5,000	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000	DEATHS										Ratio per 1,000	Still- births	Marriages	Ratio per 1,000
		Total	M	F		All ages			Under 1 year		1-4 years		5 years and over						
						Total	M	F	Total	M	F	M	F	M	F				
Total	238,540	5,511	2,844	2,667	23.1	3,102	1,614	1,488	149	134	53	31	141	12	13,233	13.0	189	2,758	11.5
Alexandria	1,937	44	23	21	22.7	24	12	12	3	1	2	1	7	10	12.3	1	23	11.8	
Alliston	1,412	61	29	32	43.2	32	17	15	2	2	1	1	14	13	22.6	1	17	12.0	
Almonte	2,487	95	49	46	38.1	24	7	17	1	1	1	1	6	16	9.6	2	16	6.4	
Amherstburg	2,965	49	25	24	16.5	19	8	11	1	1	1	1	7	11	6.4	1	21	7.0	
Arnprior	4,176	67	35	32	16.0	38	19	19	3	2	2	2	14	17	9.0	5	39	9.3	
Aurora	2,817	20	11	9	7.0	21	13	8	1	1	1	1	13	8	7.4	1	23	8.1	
Aylmer	2,277	25	12	13	10.9	35	15	20	1	1	1	1	15	18	15.3	3	30	13.1	
Blenheim	1,664	23	13	10	13.8	28	14	14	1	1	1	1	14	13	16.8	3	16	9.6	
Blind River	2,701	124	72	52	35.9	28	17	11	6	4	1	1	11	7	10.3	3	36	13.3	
Bowmanville	3,608	97	45	52	26.8	50	30	20	2	1	1	1	27	19	13.8	5	44	12.1	
Bracebridge	2,567	77	35	42	29.9	50	34	16	1	2	1	1	33	14	19.4	2	55	21.4	
Burlington	35,433	28	15	13	7.9	25	11	14	1	1	1	1	10	14	7.0	3	33	9.3	
Cache Bay	1,195	40	18	22	33.4	2	2	2	2	2	2	2	1	1	1.6	1	15	12.5	
Campbellford	2,767	31	19	12	11.2	29	16	13	2	1	1	1	14	11	10.4	4	29	10.4	
Capreol	1,740	46	22	24	26.4	41	7	4	1	3	1	1	6	1	6.3	1	11	6.3	
Carleton Place	4,218	52	25	27	11.9	40	20	20	1	2	2	2	19	18	9.4	2	26	6.1	
Chesley	1,765	32	16	16	18.1	23	11	12	1	1	1	1	11	11	13.0	1	13	7.3	
Clinton	1,868	67	38	29	35.8	38	18	20	1	1	1	1	17	18	20.3	1	21	11.2	
Cobalt	3,274	71	36	35	21.6	16	11	5	1	1	1	1	11	4	4.8	3	36	19.0	
Cochrane	3,264	162	73	89	49.6	60	36	24	3	4	1	1	32	19	18.3	6	50	15.3	
Copper Cliff	3,550	74	41	33	20.8	18	15	3	3	1	1	1	11	2	5.0	2	54	15.2	
Deseronto	1,379	25	15	10	18.1	20	8	12	3	1	1	1	4	12	14.5	1	12	8.7	
Dresden	1,471	24	14	10	16.3	25	19	6	3	1	1	1	16	6	16.9	3	31	21.0	
Dryden	1,466	91	47	44	62.7	19	13	6	2	1	1	1	10	4	12.9	2	35	23.8	
Dunnville	3,827	85	40	45	22.3	67	39	28	1	1	1	1	37	27	17.5	5	49	12.8	
Durham	1,824	47	16	31	25.7	28	8	20	1	1	1	1	8	18	15.3	1	11	6.0	
Elmira	2,525	23	12	11	9.1	19	10	9	1	1	1	1	10	8	7.5	1	24	9.5	
Englehart	1,169	79	48	31	67.5	18	8	10	1	2	1	1	6	7	15.3	4	30	25.6	
Essex	1,718	21	10	11	12.2	14	9	5	1	1	1	1	9	4	8.1	2	10	5.8	
Forest	1,479	21	14	7	14.1	17	8	9	1	1	1	1	8	9	11.4	1	22	14.8	
Gananoque	3,377	53	24	29	15.6	43	21	22	1	1	1	1	20	20	12.7	7	38	11.2	
Georgetown	2,253	16	7	9	7.1	21	12	9	1	1	1	1	11	9	9.3	1	12	5.3	
Goderich	4,351	87	44	43	20.4	69	40	29	3	3	1	1	40	26	15.8	7	40	9.1	
Gravenhurst	1,976	40	17	23	20.2	54	32	22	2	1	1	1	29	21	27.3	2	30	15.1	
Grimsby	1,996	34	16	18	17.0	17	9	8	2	1	1	1	7	8	8.5	2	25	12.5	
Haileybury	2,733	67	35	32	24.5	59	37	22	5	1	1	1	32	20	21.5	5	26	9.5	
Hanover	3,020	54	27	27	17.8	33	16	17	2	1	1	1	14	16	10.9	1	31	10.2	
Harriston	1,327	18	12	6	13.5	6	3	3	1	1	1	1	3	2	4.5	1	13	9.7	
Hespeler	2,829	36	15	21	12.7	27	14	13	1	3	1	1	12	10	9.5	1	61	21.5	
Huntsville	2,684	57	34	23	21.2	29	15	14	3	4	1	1	11	9	10.8	1	60	22.3	
Iroquois Falls	1,253	45	26	19	35.9	16	11	5	4	1	1	1	7	3	12.7	3	33	26.3	
Kapuskasing	3,277	147	83	64	44.8	23	14	9	5	2	3	2	6	5	7.0	4	49	14.9	
Keewatin	1,430	8	6	2	5.5	7	3	4	1	1	1	1	3	4	4.8	1	13	9.0	
Kincardine	2,426	10	4	6	4.1	27	16	11	3	3	1	1	13	11	11.1	1	22	9.0	
Kingsville	2,239	46	24	22	20.5	28	12	16	1	2	1	1	10	14	12.5	5	25	11.1	
Listowel	2,778	93	43	50	33.4	43	16	27	3	4	1	3	12	20	15.4	7	45	16.1	
Little Current	1,151	25	14	11	21.7	10	3	7	1	1	1	1	3	6	8.6	1	16	13.9	
Long Branch	3,941	60	25	35	15.2	24	13	11	1	2	2	1	12	9	6.0	1	31	7.8	
Mattawa	1,769	62	36	26	35.0	26	16	10	1	2	1	1	14	7	14.6	2	25	14.1	
Meaford	2,733	41	19	22	15.0	39	17	22	1	2	1	1	16	20	14.2	1	15	5.4	
Merriton	2,561	22	12	10	8.5	14	3	11	2	1	1	1	3	9	5.4	2	16	6.2	
Milton	1,777	31	16	15	17.4	18	8	10	1	1	1	1	8	9	10.1	1	15	8.4	
Mitchell	1,546	20	9	11	12.9	39	19	20	1	1	1	1	18	20	25.2	2	16	10.3	
Mount Forest	1,784	25	18	7	14.0	39	28	11	3	1	1	1	24	11	21.8	3	21	11.7	
Napanee	2,989	48	22	26	16.0	41	21	20	2	1	1	1	19	19	13.7	7	38	12.7	
New Liskeard	2,851	60	31	29	21.0	24	13	11	2	4	1	1	11	7	8.4	1	45	15.7	
Newmarket	3,416	141	66	75	41.2	69	31	38	2	1	1	1	28	37	20.1	4	38	11.1	
Niagara	1,589	27	15	12	16.9	16	7	9	1	1	1	1	7	9	10.0	1	14	8.8	
Oakville	3,860	44	22	22	11.3	25	12	13	1	1	1	1	12	13	6.4	2	34	8.8	
Orangeville	2,798	70	41	29	25.0	65	34	31	3	2	1	1	30	29	23.2	4	32	11.4	
Palmerston	1,470	40	20	20	27.2	16	13	3	1	1	1	1	13	3	10.8	1	16	10.8	
Paris	4,329	105	53	52	24.2	58	24	34	2	2	3	1	19	32	13.3	4	33	7.6	
Parkhill	1,026	10	5	5	9.7	18	7	11	1	1	1	1	10	17	17.5	1	16	15.5	
Parry Sound	5,577	168	102	66	30.1	82	45	37	7	3	3	2	35	32	14.7	5	63	11.2	
Penetanguishene	4,538	127	58	69	27.9	67	35	32	4	7	3	1	28	24	14.7	5	30	6.6	
Perth	4,119	122	65	57	29.6	64	29	35	3	1	1	1	25	34	15.5	2	47	11.4	
Petrolia	2,684	84	48	36	31.2	62	37	25	3	2	2	2	34	23	23.0	3	37	13.7	
Pictou	3,438	105	59	46	30.5	79	39	40	2	3	1	1	37	37	32.9	2	40	11.6	
Port Hope	4,448	89	52	37	20.0	88	50	38	1	1	1	1	50	38	19.7	5	49	11.0	
Prescott	3,012	40	25	15	13.2	38	23	15	1	1	1	1	21	15	12.6	1	41	13.6	
Rainy River	1,367	50	22	28	36.5	11	9	2	1	1	1	1	9	1	8.0	1	15	10.9	
Ridgetown	1,999	19	10	9	9.5	24	13	11	1	1	1	1	11	10	12.0	1	25	12.5	
Riverside	4,943	63																	

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban for the Province of Ontario by Counties—1934

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario.....	62234	5089	4928	5497	5119	5434	5430	5479	5344	5250	5084	4698	4882
Rural.....	22567	1877	1798	2035	1919	1935	1982	1951	1917	1928	1793	1667	1765
Urban.....	39667	3212	3130	3462	3200	3499	3448	3528	3427	3322	3291	3031	3117
Addington.....	128	15	7	6	15	11	9	14	6	16	11	8	10
Rural.....	128	15	7	6	15	11	9	14	6	16	11	8	10
Algoma.....	1004	70	84	83	77	92	89	72	96	84	93	75	89
Rural.....	313	20	28	29	25	24	25	27	23	33	29	25	25
Urban.....	691	50	56	54	52	68	64	45	73	51	64	50	64
Sault Ste. Marie, c.	493	33	35	42	41	47	46	32	47	37	46	38	49
Blind River.....	124	11	16	6	6	14	12	4	12	12	13	7	11
Thessalon.....	74	6	5	6	5	7	6	9	14	2	5	5	4
Brant.....	905	74	61	76	77	71	82	82	75	75	77	68	87
Rural.....	225	18	20	22	17	23	20	17	16	18	18	15	21
Urban.....	680	56	41	54	60	48	62	65	59	57	59	53	66
Brantford, c.	573	46	34	46	56	41	54	54	52	45	53	41	53
Paris.....	105	10	7	8	4	7	8	11	7	12	6	12	13
Bruce.....	777	56	62	74	71	73	69	69	69	64	61	54	55
Rural.....	573	37	44	51	56	60	51	49	56	47	43	43	36
Urban.....	204	19	18	23	15	13	18	20	13	17	18	11	19
Chesley, t.	32	1	3	4	3	4	2	3	2	3	2	3	2
Kincardine, t.	10	2	.....	.....	1	1	.....	.....	1	.....	1	1	2
Southampton, t.	29	4	3	5	2	2	5	2	4	1	1	.....	.....
Warkerton, t.	88	7	4	10	5	5	10	6	8	13	4	9	6
Warton, t.	45	5	4	4	4	3	5	2	2	2	2	.....	.....
Carleton.....	3337	244	267	283	241	326	259	309	293	267	295	282	271
Rural.....	380	30	36	25	28	41	27	38	32	24	38	32	29
Urban.....	2957	214	231	258	213	285	232	271	261	243	257	250	242
Ottawa, c.	2824	207	216	247	213	272	228	257	247	229	239	236	233
Eastview, t.	133	7	15	11	.....	13	4	14	14	14	18	14	9
Cochrane.....	1842	139	134	157	178	162	167	146	149	150	152	147	161
Rural.....	898	70	65	74	92	88	80	69	66	66	64	76	88
Urban.....	944	69	69	83	86	74	87	77	83	84	88	71	73
Cochrane, t.	162	10	12	8	14	11	18	15	13	12	19	12	18
Iroquois Falls, t.	45	5	6	15	19	10	15	14	14	13	10	8	.....
Kapuskasing, t.	147	8	9	12	15	12	2	3	4	5	3	4	.....
Timmins, t.	590	46	46	57	53	42	54	45	53	54	51	46	43
Dufferin.....	232	14	20	20	14	19	19	17	25	23	23	18	20
Rural.....	162	10	15	17	10	12	13	8	17	18	16	12	14
Urban.....	70	4	5	3	4	7	6	9	8	5	7	6	6
Orangeville, t.	70	4	5	3	4	7	6	9	8	5	7	6	6
Dundas.....	253	14	30	26	22	24	18	19	19	24	26	17	14
Rural.....	253	14	30	26	22	24	18	19	19	24	26	17	14
Durham.....	362	28	24	32	38	37	39	27	28	32	32	17	28
Rural.....	176	18	6	18	14	18	20	6	17	17	18	8	15
Urban.....	186	10	18	14	24	19	19	21	11	15	14	8	13
Bowmanville, t.	97	8	7	4	13	7	12	4	10	11	5	3	7
Port Hope, t.	89	2	9	10	11	12	12	9	7	5	3	6	.....
Elgin.....	681	52	59	61	57	66	44	49	57	50	68	55	63
Rural.....	333	30	30	29	27	33	25	20	25	23	35	33	33
Urban.....	348	22	29	32	30	33	19	29	32	27	33	22	30
St. Thomas, c.	323	20	27	29	27	19	27	30	26	30	31	31	30
Aylmer, t.	25	2	2	3	3	6	2	2	2	1	3	1	.....
Essex.....	2934	250	205	258	222	254	263	261	257	257	234	236	237
Rural.....	691	58	55	63	47	56	58	68	53	59	46	49	79
Urban.....	2243	192	150	195	175	198	205	193	204	198	188	187	158
East Windsor, c.	1122	90	76	102	95	92	95	83	107	109	93	101	79
Amherstburg, t.	242	24	15	16	13	24	23	17	26	23	21	21	19
Essex, t.	49	5	3	3	2	4	4	4	3	5	6	5	1
Kingsville, t.	21	.....	.....	4	.....	2	2	1	2	1	2	1	.....
Leamington, t.	46	4	2	3	4	2	4	7	4	3	4	4	5
Riverside, t.	114	13	3	10	6	13	7	9	13	10	13	7	10
Sandwich, t.	63	5	6	7	4	1	5	8	6	3	6	8	4
Tecumseh, t.	160	18	12	11	18	13	18	9	11	12	12	15	11
Walkerville, t.	49	5	7	4	2	4	4	9	1	4	4	1	.....
Frontenac.....	377	25	26	35	31	41	43	46	31	28	27	24	20
Rural.....	985	86	63	64	79	83	86	68	80	80	75	63	78
Urban.....	296	19	19	19	33	27	39	18	28	30	28	14	22
Kingston, c.	609	67	44	45	46	56	47	50	52	50	47	49	56
Glengarry.....	609	67	44	45	46	56	47	50	52	50	47	49	56
Rural.....	328	34	19	38	39	33	17	25	28	22	30	26	17
Urban.....	284	30	15	31	37	26	15	23	24	20	27	23	13
Alexandria, t.	44	4	4	7	2	7	2	2	4	2	3	3	4
Grenville.....	240	19	21	22	21	25	27	22	16	20	19	14	16
Rural.....	200	18	17	13	14	.....	24	14	14	16	14	13	16
Urban.....	40	1	4	9	5	.....	.....	3	2	4	5	1	.....
Prescott, t.	40	1	4	9	5	.....	.....	3	2	4	5	1	.....
Grey.....	1034	87	64	94	98	90	99	104	79	80	68	73	73
Rural.....	569	53	34	54	58	55	54	46	48	37	37	42	42
Urban.....	465	34	30	40	40	41	45	58	31	43	31	31	31
Owen Sound, c.	323	24	20	28	28	30	37	32	39	26	27	17	20
Durham, t.	47	2	4	5	3	4	3	4	1	6	8	3	.....
Hanover, t.	54	2	4	2	5	4	6	5	11	.....	3	5	7
Meaford, t.	41	6	2	5	4	3	.....	4	4	7	1	1	.....

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, for the Province of Ontario by Counties, 1934—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Haldimand	306	28	23	20	19	24	26	28	27	32	28	26	25
Rural	221	21	18	16	15	19	18	14	22	21	22	20	15
Urban	85	7	5	4	4	5	8	14	5	11	6	6	10
Dunnville, t.	85	7	5	4	4	8	8	14	5	11	6	12	10
Haliburton	145	9	7	13	14	8	13	15	14	12	17	12	11
Rural	145	9	7	13	14	8	13	15	14	12	17	12	11
Urban	145	9	7	13	14	8	13	15	14	12	17	12	11
Haltou	269	20	24	28	28	23	16	23	28	23	21	16	19
Rural	150	11	15	14	14	13	8	13	18	16	13	8	7
Urban	119	9	9	14	14	10	8	10	10	7	8	8	12
Burlington, t.	28	1	2	3	5	4	3	1	2	2	1	1	3
Georgetown, t.	16	1	1	5	2	1	1	1	2	1	1	1	3
Milton, t.	31	4	4	3	2	2	4	5	1	2	4	3	6
Oakville, t.	44	4	2	3	5	2	4	4	5	2	2	3	6
Hastings	1257	113	90	98	111	97	135	120	99	101	113	99	81
Rural	743	68	59	61	64	54	87	64	56	62	65	52	51
Urban	514	45	31	37	47	43	48	56	43	39	48	47	30
Belleville, c.	367	27	21	33	32	28	35	40	35	27	32	36	21
Deseronto, t.	25	4	1	2	2	3	5	1	2	4	1	1	9
Trenton, t.	122	14	9	4	13	13	10	11	7	10	12	10	9
Rural	691	54	42	74	51	55	61	67	59	74	59	51	44
Urban	422	35	33	38	32	41	39	46	32	35	29	32	30
Clinton, t.	269	19	9	36	19	14	22	21	27	39	30	19	14
Goderich, t.	67	4	4	8	5	5	2	10	11	6	7	2	2
Goderich, t.	87	4	3	14	9	1	9	11	8	11	4	5	5
Seaforth, t.	66	9	2	8	1	7	8	7	3	6	10	3	2
Wingham, t.	45	2	6	6	4	1	2	1	6	14	3	5	5
Kenora	471	39	49	43	46	45	36	37	49	39	28	31	29
Rural	119	15	16	18	20	9	9	5	4	3	4	11	5
Urban	352	24	33	25	26	36	27	32	45	36	24	20	24
Dryden, t.	91	5	8	5	8	14	6	7	11	14	4	2	7
Keewenaw, t.	8			1		3	1	1	1	1			
Kenora, t.	193	16	21	15	14	14	12	19	25	16	15	13	13
Sioux Lookout, t.	60	3	4	4	4	7	6	5	8	5	5	5	4
Kent	1235	86	112	97	90	116	124	99	108	105	103	91	104
Rural	548	40	45	43	46	52	54	46	57	54	43	34	34
Urban	688	46	67	54	44	64	70	53	51	51	60	57	70
Chatham, c.	500	34	48	43	33	47	52	36	40	39	40	42	52
Blenheim, t.	23	2	2	2	2	1	2	1	1	3	2	2	3
Dresden	24	2	2	1	3	3	2	1	1	1	2	4	5
Ridgetown, t.	19	1	4				2	2	2	3	2	2	3
Tilbury, t.	31	3	5	3	1	5	5	6	1	3	2	2	3
Wallaceburg, t.	84	8	6	5	5	13	7	14	3	7	8	4	4
Lambton	952	90	87	76	79	80	78	81	70	80	81	74	76
Rural	447	36	42	42	35	32	36	37	34	38	46	33	36
Urban	505	54	45	34	44	48	42	44	36	42	35	41	40
Sarnia, c.	400	44	34	28	36	31	35	35	31	35	23	34	34
Forest, t.	21	1	4	1	1	4	1	1	1	1	3		3
Petrolia, t.	84	9	7	5	7	13	6	8	4	6	9	7	3
Lanark	611	54	36	52	60	58	48	47	48	55	56	46	51
Rural	201	18	14	21	18	24	16	14	16	14	17	16	13
Urban	410	36	22	31	42	34	32	33	32	41	39	30	38
Almonte, t.	95	10	3	6	7	8	9	9	4	7	8	12	12
Carleton Place, t.	52	3	3	2	5	4	3	6	5	7	6	4	4
Perth, t.	122	11	7	5	16	11	7	6	11	13	15	8	12
Smiths Falls, t.	141	12	9	18	14	11	13	12	12	14	10	6	10
Leeds	586	50	53	52	44	50	62	40	50	46	49	36	54
Rural	292	27	26	23	24	27	32	18	26	32	19	14	24
Urban	294	23	27	29	20	23	30	22	24	14	30	22	30
Brockville, t.	241	19	23	24	16	18	24	21	20	11	22	19	24
Gananoque, t.	52	4	4	5	4	5	6	1	4	3	8	3	6
Lennox	158	12	12	14	15	19	11	15	15	15	10	9	11
Rural	110	9	6	10	12	14	9	11	10	8	8	5	8
Urban	48	3	6	4	3	5	2	4	5	7	2	4	3
Napanee, t.	48	3	6	4	3	5	2	4	5	7	2	4	3
Lincoln	900	60	70	92	73	73	72	72	81	78	88	74	67
Rural	212	15	18	25	15	20	25	8	20	22	19	15	10
Urban	688	45	52	67	58	53	47	64	61	56	69	59	57
St. Catharines, c.	605	38	46	58	55	47	45	55	50	46	64	51	50
Grimms, t.	34	2	2	6	1	2	1	3	6	4		3	4
Merritton, t.	22	4	3	1	1	1	1	3	3	2		3	1
Niagara, t.	27	1	1	2	1	4		3	2	4	5	2	2
Manitowlin	280	21	23	23	28	31	18	24	18	25	27	21	21
Rural	255	20	20	20	27	26	16	23	17	24	24	20	18
Urban	25	1	3	3	1	5	2	1	1	1	3	1	3
Little Current, t.	25	1	3	3	1	5	2	1	1	1	3	1	3
Middlesex	1842	143	161	154	145	153	169	153	149	164	139	148	164
Rural	409	32	33	46	30	41	28	34	28	38	34	32	33
Urban	1433	111	128	108	115	112	141	119	121	126	105	116	131
London, c.	1337	107	117	101	103	105	125	113	113	120	97	109	127
Parkhill, t.	10	2	1	1	3		1	2					
Strathroy, t.	86	2	10	7	9	7	15	4	8	6	7	7	4
Muskoka	382	30	45	39	30	36	28	25	32	36	34	17	30
Rural	208	15	24	21	15	22	15	11	18	17	23	11	16
Urban	174	15	21	18	15	14	13	14	14	19	11	6	14
Bracebridge, t.	77	5	8	10	4	9	2	6	9	6	6	3	9
Gravenhurst, t.	40	6	5	2	4	3	3	3	3	6	2	1	2
Huntsville, t.	57	4	8	6	7	2	8	5	2	7	3	2	3



Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, for the Province of Ontario by Counties, 1934—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Nipissing	1159	81	103	112	101	99	119	90	95	110	86	76	87
Rural	521	36	48	60	47	39	60	41	30	50	34	34	43
Urban	638	45	55	52	54	60	60	49	65	60	52	42	44
North Bay, c.	368	20	36	30	34	32	34	29	32	37	31	22	31
Cache Bay, t.	40	4	4	2	5	4	4	3	5	7	2	5	5
Mattawa, t.	62	7	5	6	4	5	7	5	7	6	2	5	7
Sturgeon Falls, t.	168	19	10	14	11	23	15	12	23	10	16	13	7
Norfolk	666	60	56	55	54	50	66	63	58	52	49	53	41
Rural	417	40	32	35	38	40	43	35	32	37	30	31	24
Urban	249	20	24	20	16	10	23	28	26	15	19	22	17
Simcoe, t.	240	29	24	20	16	10	23	28	26	15	19	22	17
Northumberland	511	46	33	49	57	46	36	41	36	40	43	43	43
Rural	342	32	18	32	36	33	28	27	27	25	25	29	30
Urban	169	14	15	17	21	13	8	14	14	11	15	14	13
Campbellford, t.	31	1	6	2	2	2	6	2	3	2	3	2	2
Cobourg, t.	138	13	14	11	19	11	6	9	12	8	13	11	11
Ontario	918	86	66	72	77	69	67	103	76	75	63	93	71
Rural	356	36	24	20	21	23	18	50	29	28	25	37	35
Urban	562	50	42	52	46	46	49	53	47	47	38	56	36
Oshawa, c.	511	44	39	51	42	42	44	49	45	42	36	48	28
Uxbridge, t.	14	3	1	1	3	1	1	1	2	2	2	2	2
Whitby, t.	38	5	3	1	3	4	3	2	3	2	6	6	6
Oxford	769	76	77	62	64	64	59	69	56	67	73	51	51
Rural	310	32	31	24	28	25	24	30	24	24	28	16	24
Urban	459	44	46	38	36	39	35	39	32	43	45	35	27
Woodstock, c.	214	17	23	22	18	19	15	12	15	22	22	19	10
Ingersoll, t.	123	13	16	6	11	11	10	12	6	10	13	9	6
Tilsonburg, t.	122	14	7	10	7	9	10	15	11	11	10	7	11
Parry Sound	619	51	44	57	43	57	52	58	55	52	53	47	50
Rural	451	39	36	39	36	43	34	39	37	45	41	34	28
Urban	168	12	8	18	7	14	18	19	18	7	12	13	22
Parry Sound, t.	168	12	8	18	7	14	18	19	18	7	12	13	22
Peel	401	48	24	39	32	27	36	43	35	31	35	25	26
Rural	224	33	16	21	18	7	20	26	17	17	21	12	16
Urban	177	15	8	18	14	20	16	17	18	14	14	13	10
Brampton, t.	177	15	8	18	14	20	16	17	18	14	14	13	10
Perth	809	69	75	69	60	63	92	66	74	62	53	68	58
Rural	336	31	31	31	22	18	42	31	28	24	24	34	20
Urban	473	38	44	38	38	45	50	35	46	38	29	34	38
Stratford, c.	320	26	28	26	27	29	34	21	34	23	18	27	27
Listowell, t.	93	8	10	7	4	12	13	10	4	10	6	2	7
Mitchell, t.	20	2	1	4	2	1	2	3	2	2	1	1	1
St. Mary's, t.	40	2	5	4	3	2	2	2	5	3	5	4	3
Peterborough	778	61	66	91	51	82	62	61	63	70	58	66	47
Rural	233	20	27	17	18	17	12	20	21	19	22	13	13
Urban	545	41	39	64	34	64	45	49	43	49	39	44	34
Peterborough, c.	545	41	39	64	34	64	45	49	43	49	39	44	34
Prescott	630	39	57	59	62	45	50	57	55	60	54	42	50
Rural	439	20	41	40	46	33	33	38	40	45	34	34	35
Urban	191	19	16	19	16	12	17	19	15	15	20	8	15
Hawkesbury, t.	155	15	13	15	15	8	14	16	12	11	16	7	13
Vankleek Hill, t.	36	4	3	4	1	4	3	3	3	4	4	1	2
Prince Edward	248	24	27	16	13	25	22	24	19	24	24	17	13
Rural	143	21	14	9	5	11	14	13	8	14	16	11	7
Urban	105	3	13	7	8	14	8	11	11	10	8	6	6
Picton, t.	105	3	13	7	8	14	8	11	11	10	8	6	6
Rainy River	374	19	31	39	43	24	41	31	29	36	27	25	29
Rural	218	11	16	21	29	12	26	16	17	27	15	17	11
Urban	156	8	15	18	14	12	15	15	12	9	12	8	18
Fort Frances, t.	106	6	9	14	11	9	12	8	9	5	7	5	11
Rainy River, t.	50	2	6	4	3	3	3	7	3	4	5	3	7
Renfrew	1119	86	89	118	91	93	107	119	90	92	80	79	75
Rural	625	55	55	60	44	60	65	64	48	50	39	46	39
Urban	494	31	34	58	47	33	42	55	42	42	41	33	36
Arnprior, t.	67	5	8	6	6	7	6	6	4	7	5	3	4
Pembroke, t.	280	15	17	36	21	16	26	27	26	23	26	22	25
Renfrew, t.	147	11	9	16	20	10	10	22	12	12	10	8	7
Russell	422	32	36	43	36	36	41	45	35	39	28	23	28
Rural	382	28	33	39	34	34	39	41	32	33	25	22	22
Urban	40	4	3	4	2	2	2	4	3	6	3	1	6
Rockland, t.	40	4	3	4	2	2	2	4	3	6	3	1	6
Simcoe	1512	135	94	140	133	145	130	118	138	128	110	125	116
Rural	563	52	41	48	57	56	50	39	63	41	35	47	34
Urban	949	83	53	92	76	89	80	79	75	87	75	78	82
Alliston, t.	61	6	3	5	6	7	4	5	4	7	3	5	6
Barrie, t.	204	18	10	19	17	16	13	19	17	22	17	16	20
Collingwood, t.	123	10	7	13	8	9	12	5	15	13	7	11	13
Midland, t.	183	14	14	18	12	17	20	12	9	19	15	20	13
Orillia, t.	236	24	15	21	25	18	19	19	21	18	20	21	15
Penetanguishene, t.	127	9	4	15	5	21	10	17	9	7	12	5	13
Stayner, t.	15	2	1	3	1	2	2	2	1	1	1	1	2
Stormont	888	72	64	72	57	82	74	83	86	77	81	68	72
Rural	454	36	37	39	24	41	33	43	49	39	38	34	41
Urban	434	36	27	33	33	41	41	40	37	38	43	34	31
Cornwall, t.	434	36	27	33	33	41	41	40	37	38	43	34	31

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, for the Province of Ontario by Counties, 1934—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Sudbury.....	1786	153	141	146	161	166	152	162	160	156	138	114	137
Rural.....	899	77	67	79	76	74	72	85	82	88	63	58	78
Urban.....	887	76	74	67	85	92	80	77	78	68	75	56	59
Sudbury, c.....	767	63	67	60	72	78	71	70	65	59	63	49	50
Capreol, t.....	46	5	1	3	7	2	4	3	7	4	4	2	
Coppercliff, t.....	74	8	6	4	6	12	5	4	6	5	8	3	7
Thunder Bay.....	1113	87	73	120	109	101	93	95	106	82	84	86	77
Rural.....	162	17	10	18	16	16	18	15	16	8	9	4	15
Urban.....	951	70	63	102	93	85	75	80	90	74	75	82	62
Fort William, c.....	474	29	32	45	50	46	43	38	49	41	39	41	21
Port Arthur, c.....	477	41	31	57	43	39	32	42	41	33	36	41	41
Timiskaming.....	1081	72	98	93	85	87	84	103	101	103	79	79	97
Rural.....	804	57	66	73	62	66	60	69	76	69	66	66	75
Urban.....	277	15	32	21	23	21	24	34	25	34	13	13	22
Cobalt, t.....	71	6	13	7	1	6	5	3	7	7	4	3	9
Englehart, t.....	79	5	5	7	7	6	8	13	5	11	3	3	6
Haileybury, t.....	67	2	6	4	9	4	9	12	3	9	2	5	2
New Liskeard, t.....	60	2	8	3	6	5	2	6	10	7	4	2	5
Victoria.....	427	39	39	30	34	45	34	41	40	31	38	24	32
Rural.....	240	25	19	15	22	21	22	23	20	19	23	13	18
Urban.....	187	14	20	15	12	24	12	18	20	12	15	11	14
Lindsay, t.....	187	14	20	15	12	24	12	18	20	12	15	11	14
Waterloo.....	1635	142	141	159	133	141	158	139	116	126	122	109	149
Rural.....	400	33	43	40	32	34	36	37	26	25	27	32	35
Urban.....	1235	109	98	119	101	107	122	102	90	101	95	77	114
Galt, c.....	289	27	26	37	19	22	31	17	16	24	25	17	28
Kitchener, c.....	727	56	60	63	67	70	67	63	56	64	46	50	65
Elmira, t.....	23	4	2	2	1	2	2	3	1	2	1	2	
Hespeler, t.....	36	4	4	1	2	3	3	4	3	7	1	1	2
Preston, t.....	78	8	2	7	4	2	12	11	8	3	10	4	7
Waterloo, t.....	82	10	4	9	8	8	7	5	5	6	4	11	
Welland.....	1343	110	97	117	110	118	110	103	122	130	120	91	115
Rural.....	423	36	23	38	29	33	42	36	38	45	34	33	36
Urban.....	920	74	74	79	81	85	68	67	84	85	86	58	79
Niagara Falls, c.....	405	28	37	39	37	39	28	39	37	40	30	17	34
Welland, c.....	254	24	12	20	21	24	25	10	19	23	28	22	26
Port Erie, t.....	82	8	7	6	5	7	5	8	5	6	7	10	8
Port Colborne, t.....	113	8	9	12	12	10	7	8	11	11	13	5	7
Thorold, t.....	66	6	9	2	6	5	3	2	12	5	8	4	4
Wellington.....	989	76	81	90	72	89	90	88	74	85	75	87	82
Rural.....	579	45	44	51	44	49	50	51	41	59	48	48	49
Urban.....	410	31	37	39	28	40	40	37	33	26	27	39	33
Guelph, c.....	327	24	31	31	21	37	31	26	24	22	23	29	28
Harriston, t.....	18	4	2	2	2	1	3	1	1	1	1	1	1
Mount Forest, t.....	25	2	3	1	1	1	3	2	4	2	1	4	1
Palmerston, t.....	40	1	1	5	4	2	5	6	4	1	2	5	4
Wentworth.....	3021	229	254	243	237	263	277	258	278	265	245	248	224
Rural.....	258	14	19	29	23	21	17	24	20	22	25	26	18
Urban.....	2763	215	235	214	214	242	260	234	258	243	220	222	206
Hamilton, c.....	2730	213	235	212	213	240	256	230	255	234	220	220	202
Dundas, t.....	33	2	2	1	2	2	4	3	3	9	2	4	
York.....	13969	1196	1108	1237	1122	1179	1201	1294	1193	1133	1140	1060	1106
Rural.....	2825	240	210	260	225	208	240	258	283	218	216	216	251
Urban.....	11144	956	898	977	897	971	961	1036	910	915	924	844	855
Toronto, c.....	10615	912	858	922	860	927	920	968	859	874	891	809	815
Aurora, t.....	20	6	4	5	4	4	3	3	1	1	1	1	1
Long Branch, t.....	60	2	4	7	3	2	2	13	5	6	3	4	9
Mimico, t.....	113	9	4	8	7	13	14	16	10	10	7	10	5
Newmarket, t.....	141	4	16	19	7	13	9	22	19	9	8	7	8
New Toronto, t.....	104	11	4	8	9	12	9	7	11	6	10	7	10
Weston, t.....	91	12	12	8	7	4	7	7	6	9	5	7	7

Table 7—Total Births (exclusive of Stillbirths) and Births in Institutions, Showing the Number of Mothers Non-resident in the Province of Ontario, 1934

	ALL BIRTHS		IN INSTITUTIONS	
	Total	Births to mothers non-resident in Province	Total	Births to mothers non-resident in Province
Total for the Province.....	62,234	332	26,506	274

Table 8—Births (exclusive of Stillbirths) to Resident and Non-Resident Mothers, and Births in Institutions, in the Cities and Towns of 5,000 Population and over, in the Province of Ontario, 1934.

Cities and Towns	ALL BIRTHS				BIRTHS IN INSTITUTIONS				BIRTHS ELSEWHERE THAN IN INSTITUTIONS				
	Total	To resident mothers	To mothers non-resident in city or town where birth occurred and		Total	To resident mothers	To mothers non-resident in city or town where birth occurred and		Total	To resident mothers	To mothers non-resident in city or town where birth occurred and		
			Resident in Province	Non-resident in Province			Resident in Province	Non-resident in Province			Resident in Province	Non-resident in Province	
<b>Cities:</b>													
Belleville . . . . .	367	228	137	2	259	130	127	2	108	98	10		
Brantford . . . . .	575	461	114		417	312	105		158	149	9		
Chatham . . . . .	506	292	211	3	365	160	202	3	141	132	9		
East Windsor . . . . .	242	241	1						242	241	1		
Fort William . . . . .	474	361	113		317	217	100		157	144	13		
Galt . . . . .	289	219	69	1	210	145	65		79	74	4	1	
Guelph . . . . .	327	249	78		192	120	72		135	129	6		
Hamilton . . . . .	2,730	2,428	297	5	1,884	1,602	277	5	846	826	20		
Kingston . . . . .	609	437	168	4	508	344	160	4	101	93	8		
Kitchener . . . . .	727	606	120	1	407	291	115	1	329	315	5		
London . . . . .	1,337	1,040	288	9	1,021	736	277	8	316	304	11	1	
Niagara Falls . . . . .	405	323	79	3	284	205	76	3	121	118	3		
North Bay . . . . .	368	290	77	1	166	109	56	1	202	181	21		
Oshawa . . . . .	510	447	63		265	211	54		245	236	9		
Ottawa . . . . .	2,824	2,326	371	127	2,141	1,667	353	121	683	659	18	6	
Owen Sound . . . . .	323	253	69	1	204	143	61		119	110	8	1	
Peterborough . . . . .	545	386	159		432	277	155		113	109	4		
Port Arthur . . . . .	477	321	155	1	384	235	148	1	93	86	7		
St. Catharines . . . . .	605	449	151	5	445	297	144	4	160	152	7	1	
St. Thomas . . . . .	323	234	84	5	233	154	74	5	90	80	10		
Sarnia . . . . .	400	316	79	5	277	198	74	5	123	118	5		
Sault Ste. Marie . . . . .	493	420	71	2	257	197	59	1	236	223	12	1	
Stratford . . . . .	320	267	51	2	227	174	51	2	93	93			
Sudbury . . . . .	767	560	207		317	154	163		450	406	44		
Toronto . . . . .	10,615	9,029	1,548	38	7,515	5,995	1,483	37	3,100	3,034	65	1	
Welland . . . . .	254	177	76	1	107	39	67	1	147	138	9		
Windsor . . . . .	1,122	919	187	16	427	239	174	14	695	680	13	2	
Woodstock . . . . .	214	152	62		134	74	60		80	78	2		
<b>Towns:</b>													
Barrie . . . . .	204	126	73	5	144	69	71	4	60	57	2	1	
Brampton . . . . .	177	92	85		127	46	81		50	46	4		
Brockville . . . . .	241	156	83	2	223	139	82	2	18	17	1		
Cobourg . . . . .	138	98	40		82	43	39		56	55	1		
Collingwood . . . . .	123	90	33		68	39	29		55	51	4		
Cornwall . . . . .	434	334	93	7	286	187	92	7	148	147	1		
Dundas . . . . .	33	32	1						33	32	1		
Eastview . . . . .	133	131		2					133	131		2	
Fort Erie . . . . .	82	64	16	2	50	34	14	2	32	30	2		
Fort Francis . . . . .	106	88	16	2	27	18	8	1	79	70	8	1	
Hawkesbury . . . . .	155	143	3	9	22	12	2	8	133	131	1	1	
Ingersoll . . . . .	123	82	40	1	85	48	36	1	38	34	4		
Kenora . . . . .	193	139	53	1	162	112	49	1	31	27	4		
Lindsay . . . . .	187	116	71		123	57	66		64	59	5		
Midland . . . . .	183	128	54	1	115	64	50	1	68	64	4		
Mimico . . . . .	113	75	38		60	25	35		53	50	3		
New Toronto . . . . .	104	101	3					1	103	101	2		
Orillia . . . . .	236	135	101		175	82	93		61	53	8		
Pembroke . . . . .	280	217	63		101	54	47		179	163	16		
Port Colborne . . . . .	113	107	6		5	2	3		108	105	3		
Preston . . . . .	78	73	4	1	5	4		1	73	69	4		
Renfrew . . . . .	147	90	55	2	85	34	49	2	62	56	6		
Sandwich . . . . .	160	156	2	2					160	156	2	2	
Simcoe . . . . .	249	111	137	1	199	66	132	1	50	45	5		
Smiths Falls . . . . .	141	100	41		107	71	36		34	29	5		
Thorold . . . . .	66	58	8		21	15	6		45	43	2		
Timmins . . . . .	590	546	41	3	119	89	27	3	471	457	14		
Trenton . . . . .	122	116	6		2		2		120	116	4		
Walkerville . . . . .	377	110	265	2	332	71	259	2	45	39	6		
Waterloo . . . . .	82	80	2						82	80	2		
Whitby . . . . .	38	29	8	1	4		4		34	29	4	1	

Table 9—Births (exclusive of Stillbirths) Classified as Legitimate or Illegitimate and as Single or Plural by Sex, for Cities and Towns of 5,000 and over, for the Province of Ontario—1934

Province, Cities and Towns	Total births			Legitimate			Illegitimate			Single births			Twin births			Triplets			Quintuplets			
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	
	31850	30384	62234	30578	29156	59734	1272	1228	2500	31218	29779	60997	628	592	610	4	8	4	4	5	1	1
Total for the Province.....																						
Cities and Towns of 5,000 and over:																						
Barrie.....	99	105	204	97	102	199	2	3	5	96	102	198	3	3	3							
Bellefleur.....	194	173	367	186	166	352	8	7	15	189	169	358	2	4	3							
Brantford.....	88	89	177	84	86	170	4	3	7	85	86	171	3	3	3							
Brantford (inc.).....	271	304	575	263	292	555	8	12	20	267	292	559	4	12	8							
Brockville.....	132	109	241	127	103	230	5	6	11	132	109	241										
Chatham.....	259	247	506	251	234	485	8	13	21	251	243	494	8	4	6							
Colborne.....	85	83	168	81	51	132	4	2	6	85	53	138										
Collingwood.....	63	60	123	57	58	115	9	8	17	61	58	119	2	2	2							
Cornwall.....	210	224	434	201	216	417	9	8	17	204	224	428	6	3	3							
Dundas.....	15	18	33	15	18	33				15	18	33										
Eastview.....	69	64	133	69	63	132	1	1	1	68	63	131	1	1	1							
East Windsor.....	126	116	242	125	114	239	1	2	3	124	116	240	2	1	1							
Port Erie.....	42	40	82	41	40	81	1	1	1	42	40	82										
Port Franks.....	53	53	106	52	52	104	1	1	1	28	24	52	1	3	2							
Port Williams.....	256	218	474	231	208	439	15	13	28	248	214	462	8	5	9							
Godfrin.....	148	144	292	150	153	303	6	6	12	142	155	297	3	4	5							
Godfrin (inc.).....	1408	1451	2859	1350	1243	2593	70	62	132	1395	1289	2684	25	21	23							
Hamilton.....	1470	1370	2840	1350	1243	2593	70	62	132	1395	1289	2684	25	21	23							
Hamilton (inc.).....	58	65	123	57	63	120	2	5	7	56	63	119	2	2	2							
Harvestburg.....	70	65	135	70	63	133	2	2	2	69	63	132	1	1	1							
Ingersoll.....	58	55	113	56	55	111	1	1	1	55	47	102	1	1	1							
Kenora.....	108	85	193	105	83	188	3	2	5	103	84	187	5	3	5							
Kimston.....	294	315	609	266	300	566	28	15	43	291	308	599	3	7	5							
Kitchener.....	376	357	727	352	346	698	18	11	29	365	354	719	5	3	4							
Lindsay.....	96	91	187	91	86	177	5	5	10	92	89	181	4	2	3							
London.....	695	642	1337	641	580	1221	54	62	116	684	627	1311	11	15	13							
Midland.....	102	81	183	91	80	171	11	11	1	12	100	79	170	2	2	2						
Mimico.....	57	56	113	56	55	111	1	1	1	55	47	102	1	1	1							
New Toronto.....	56	48	104	55	48	103	1	1	1	55	47	102	1	1	1							
Niagara Falls.....	207	198	405	197	198	395	10	9	22	170	181	351	6	4	5							
North Bay.....	184	184	368	171	175	346	13	9	22	170	181	351	6	4	5							
Orillia.....	121	115	236	118	110	228	3	5	8	121	113	234	2	2	1							
Oshawa.....	282	228	510	275	219	494	7	9	16	276	226	502	6	2	4							
Ottawa.....	1426	1398	2824	1335	1285	2620	91	113	204	1404	1380	2784	22	18	20							
Owen Sound.....	165	158	323	153	150	303	12	8	20	165	158	323										
Pembroke.....	136	144	280	131	134	265	5	10	15	136	142	278										
Peterborough.....	296	255	551	281	246	527	9	9	18	284	249	533	6	6	6							
Port Arthur.....	239	238	477	236	230	466	9	8	17	237	234	471	2	4	3							
Port Colborne.....	54	59	113	52	59	111	2	2	2	54	59	113										
Preston.....	43	35	78	43	34	77				43	35	78										
Renfrew.....	79	68	147	75	66	141	4	2	6	79	68	147										
St. Catharines.....	309	296	605	299	288	587	10	8	18	306	291	597	3	5	4							
St. Thomas.....	176	147	323	172	142	314	4	5	9	170	145	315	6	2	4							
Sandwich.....	77	83	160	73	81	154	4	2	6	77	77	154										
Sarnia.....	205	195	400	195	189	384	10	6	16	201	189	390	4	6	5							
Sault Ste. Marie.....	270	223	493	259	207	466	11	16	27	261	220	481	9	3	6							

Simcoe.....	1271	2491	121	115	236	61	7	13	127	118	245	4	2	.....
Smiths Falls.....	72	141	171	66	137	1	3	4	171	68	139	1	1	.....
Sturdivant.....	153	320	152	164	316	1	3	4	150	164	314	3	1	.....
Sturgeon.....	367	767	356	385	741	11	15	26	363	394	757	4	5	.....
Thorold.....	328	66	27	37	64	1	1	2	38	38	66	6	5	.....
Timmins.....	309	281	590	298	571	11	8	10	300	276	576	5	7	.....
Toronto.....	5490	10615	5174	4786	9966	316	339	655	5357	5010	10367	110	121	5
Trenton.....	54	68	122	65	117	2	3	5	54	68	122	2	1	.....
Walkerville.....	185	372	183	189	372	2	3	5	183	192	375	2	1	.....
Waterloo.....	30	82	39	43	82	2	5	7	39	43	82	6	3	.....
Welland.....	130	254	128	119	247	2	3	5	130	118	248	6	3	.....
Whitby.....	16	38	16	22	38	2	25	47	16	22	38	8	10	.....
Windsor.....	566	1122	544	531	1075	22	25	47	558	544	1102	12	10	.....
Woodstock.....	105	214	102	103	205	3	6	9	103	109	212	2	1	.....

Table 10—Births (exclusive of Stillbirths Classified

Age of Father	Total	AGE OF																
		12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Under 16 years.....																		
16 years.....	15																	
17 ".....	99	1																
18 ".....	295																	
19 ".....	661	1																
20 ".....	1,437																	
21 ".....	1,627																	
22 ".....	2,495																	
23 ".....	2,102	1																
24 ".....	2,810																	
25 ".....	3,052																	
26 ".....	3,128	1																
27 ".....	3,202																	
28 ".....	3,315																	
29 ".....	3,363																	
30 ".....	2,954																	
31 ".....	2,895																	
32 ".....	2,872																	
33 ".....	2,827																	
34 ".....	2,244																	
35 ".....	2,220																	
36 ".....	2,002																	
37 ".....	1,943																	
38 ".....	1,789																	
39 ".....	1,603																	
40 ".....	1,244																	
41 ".....	1,348																	
42 ".....	1,086																	
43 ".....	930																	
44 ".....	794																	
45 ".....	663																	
46 ".....	507																	
47 ".....	452																	
48 ".....	376																	
49 ".....	315																	
50 ".....	214																	
51 ".....	223																	
52 ".....	143																	
53 ".....	127																	
54 ".....	89																	
55 ".....	91																	
56 ".....	57																	
57 ".....	61																	
58 ".....	47																	
59 ".....	32																	
60 ".....	24																	
61 ".....	26																	
62 ".....	20																	
63 ".....	12																	
64 ".....	47																	
65 and over.....	156																	
Not stated.....																		
Children born to married mothers.....	59,734		4	41	192	519	1250	2004	2532	2988	3273	3345	3565	3403	3650	3361	3345	
Children born to unmarried mothers.....	2,500		5	12	38	96	190	226	272	251	233	198	139	123	104	82	75	62
Children born to all mothers.....	62,234		5	16	79	288	709	1476	2276	2783	3221	3471	3484	3688	3507	3732	3436	3407

According to Age of Parents, for the Province of Ontario, 1934

MOTHER

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
1																						
1	1							1														
2		2	1									1										1
5	1	2			1						1											
14	6	8	1	1	2																	1
27	18	3	3	2	4																	2
32	22	9	8	7	3																	1
67	36	17	14	9	6	4	1	1	1						1		1					3
108	76	28	20	13	11	3	3	1	4	1				1	2							2
171	124	55	37	14	13	9	4	6	3													2
269	185	102	55	36	25	10	11	7	5	4	2	2		2								2
320	278	163	95	64	45	31	18	8	5	3	2			1								2
287	276	247	137	99	72	30	21	12	13	5	4	5	1	1								2
261	270	250	253	124	96	46	28	12	15	9	2	2	2	1								1
275	261	238	238	221	147	78	51	36	23	12	5	3	4	1								1
244	247	241	257	247	251	111	74	49	27	16	8	2	4	1	2				1			2
162	204	175	194	216	206	166	100	57	34	22	8	8	4	2			1				1	2
141	161	181	180	217	228	174	165	78	52	37	25	9	5		1						1	2
108	116	144	168	175	199	175	172	136	88	40	24	17	9	4	2							1
108	106	116	137	148	188	136	153	152	145	81	42	22	11	7	3							1
112	93	83	117	133	163	133	157	145	129	124	84	25	14	8	2	1			1			1
59	82	80	86	126	115	124	128	116	159	115	101	34	26	15	4	2	1					1
48	37	51	56	66	89	103	107	99	111	115	107	57	23	16	7	2	1					1
47	59	58	84	80	82	80	107	106	144	105	93	71	58	25	8	5		1			1	1
33	30	27	55	66	69	77	91	87	90	91	101	50	58	39	9	3	1	1				2
22	24	30	33	47	67	54	72	64	89	100	64	55	53	39	25	6	3	1		1		1
14	26	27	38	41	47	55	51	55	56	72	62	43	53	37	21	18	2		1			1
15	23	18	24	19	30	37	61	51	53	69	50	36	51	32	24	16	5		1			1
11	8	15	19	25	29	26	28	48	33	35	53	30	30	29	24	13	6	6	1			1
15	7	14	15	15	21	18	27	37	48	41	25	33	32	15	23	6	9	4	1			1
6	11	3	13	13	18	15	18	12	18	25	36	25	19	24	16	12	4	6	1	1		1
3	2	4	5	7	7	12	12	18	19	14	23	18	10	13	16	11	2	1				1
2	2	4	3	8	7	5	4	7	12	15	8	10	11	13	7	6	3	2				1
5	3		4	5	5	11	5	9	10	5	5	11	4	11	8		3					1
3	1	2	5	3	8	2	6	1	4	7	9	5	6	7	3	6	1	1				1
2	3	5	3	2	6	5	8	6	3	5	4	4	7	7	5	5	3		1			1
3	1		1	1	3		3	8	6	4	2	3	4	2	2	4	3		1			1
1	4		3		2	2	2	4	13	2	3	6	6	1	2		1	1	2			1
2		2	1	3	2	2	2	4	3	11	2	2	2	1	1	1	2	1	1			1
2	1	1	1	3	1	1		2	2	6	1	3	5	2	2	2		1	2	1		1
1	1	1			3	1	1	1	1		1	3	3		1	1	1					1
1	1	1			2	1		2	2	1		2	2		1							1
1	2		2			2	1	1	1				1		1	1						1
3		1			3	2	3	6		8	2	2	3	1	1	1			1	1		1
2			1			2		3	1		1				1							128
3027	2824	2413	2396	2280	2305	1777	1739	1471	1473	1267	1010	631	574	388	248	145	69	40	15	9	4	157
53	49	31	46	22	32	17	21	12	20	20	14	8	7	7	1	3	1	1	1	1		28
3080	2873	2444	2442	2302	2337	1794	1760	1483	1493	1287	1024	639	581	395	249	148	70	41	16	9	4	185

Table 11—Births (exclusive of Stillbirths) Classified According to Racial Origin of Parents, for the Province of Ontario, 1934

Racial Origin of Father	RACIAL ORIGIN OF MOTHER																			Total																	
	English	Irish	Scottish	Welsh	French	Armenian	Austrian	Belgian	Bulgarian	Chinese	Czech and Slovak	Danish	Dutch	Finnish	German	Greek	Hindu	Hungarian	Icelandic		Indian	Italian	Japanese	Jewish	Negro	Norwegian	Polish	Romanian	Russian	Serb and Croat	Swedish	Swiss	Syrian	Ukrainian*	Other	Not specified	
English	21,379	14,592	2,409	2,561	82	695	1	5	10	1	6	12	1,900	35	497	3	9	35	24	3	10	3	2	24	32	3	10	1	31	19	2	19	8	61			
Irish	10,281	2,685	4,549	1,672	33	715	5	4	1	3	3	7	1,088	14	330	1	1	13	23	1	5	1	1	15	29	4	9	1	17	8	1	12	6	17			
Scottish	8,450	2,757	1,508	3,251	51	326	3	2	1	1	2	8	1,222	16	276	1	1	10	16	1	2	1	2	24	11	3	5	2	18	7	1	12	1	16			
Welsh	332	132	39	64	58	6	1	1	1	1	1	2	14	9	2	14	1	19	13	2	1	1	4	21	1	2	3	6	2	1	1	1	1	2			
French	8,365	612	534	258	6,671	8	11	1	1	1	1	5	29	9	92	2	1	19	13	1	1	1	4	21	1	2	3	6	2	1	1	1	1	11			
Armenian	26	1	1	1	25	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	9	1	1	1	1	1	1	1	1	1	1	2		
Austrian	111	10	5	1	3	67	1	1	1	1	1	1	3	1	5	1	2	1	1	1	1	1	1	9	1	1	1	1	1	1	1	1	1	1	1	2	
Belgian	174	16	4	4	16	1	124	1	1	1	1	3	1	1	3	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	
Bulgarian	34	5	1	2	1	1	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	
Chinese	37	8	4	4	2	2	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Czech and Slovak	265	5	2	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Danish	136	40	18	14	7	1	5	1	1	1	1	41	1	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Dutch	705	204	121	110	4	36	1	1	1	1	2	178	2	28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Finnish	318	9	3	4	3	1	1	1	1	1	1	286	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
German	2,995	501	319	227	8	112	5	2	2	1	6	2	30	11	1,703	1	5	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Greek	99	14	7	2	4	4	2	1	1	1	1	1	1	1	62	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Hindu	316	4	1	1	1	1	1	1	1	1	2	1	1	1	5	1	285	3	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1
Hungarian	14	4	3	2	1	1	1	1	1	1	1	1	1	1	2	1	583	5	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2
Icelandic	636	27	5	3	11	1	1	1	1	1	1	1	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Indian	1,121	90	23	2	51	2	1	1	1	1	1	1	1	4	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Italian	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Japanese	868	12	3	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Jewish	112	3	2	2	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Negro	96	22	14	5	21	1	1	1	1	1	1	1	1	1	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Norwegian	867	19	3	3	21	1	1	1	1	1	1	1	1	1	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Polish	121	6	2	5	6	15	1	1	1	1	1	1	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Romanian	221	14	3	5	6	15	1	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Russian	208	42	19	16	17	13	1	1	1	1	1	1	1	1	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Serb and Croat	208	42	19	16	17	13	1	1	1	1	1	1	1	1	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Swedish	64	25	2	10	6	3	1	1	1	1	1	1	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Swiss	64	25	2	10	6	3	1	1	1	1	1	1	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Syrian	615	22	3	4	1	5	4	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ukrainian*	988	10	9	7	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Other	388	61	12	18	10	10	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Not specified	388	61	12	18	10	10	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Children born to married mothers	59,734	21,964	9,667	8,297	247	8,795	26	110	162	18	19	269	79	675	421	3,021	69	318	3,680	947	6,859	101	113	966	109	151	190	170	72	60	674	66	410	66	410	66	410
Mothers	30,578	11,223	49,30	4,237	1,30	4,518	18	58	100	8	6	139	34	340	236	1,492	28	105	3,351	495	4,444	50	70	490	61	75	100	94	33	28	362	34	222	34	222		
Fathers	29,156	10,741	47,37	4,060	117	4,277	8	52	62	10	13	130	45	335	1,885	15,29	41	153	3,29	452	2,415	51	43	476	48	76	90	76	39	32	312	32	188	32	188		



Children born to unmarried mothers.....T	2,500	930	379	326	8	315	...	6	2	2	...	3	4	35	23	114	1	...	3	...	124	18	1	12	18	2	32	7	3	6	8	...	1	41	3	64
M	1,272	482	199	158	3	152	...	4	2	1	...	1	1	17	10	62	1	...	2	...	57	8	1	5	13	...	19	5	2	3	2	...	1	27	1	33
F	1,228	457	180	168	5	163	...	2	...	1	...	2	3	18	13	52	...	...	1	...	67	10	...	7	5	2	13	2	1	3	6	...	...	14	2	31
Children born to all mothers.....T	62,234	22903	10036	8623	255	9110	26	116	164	20	19	272	83	710	444	3135	70	...	321	3	804	965	7	871	1119	115	698	116	154	196	178	72	61	715	69	474
M	31,850	11705	5129	4395	133	4670	18	62	102	9	6	140	35	357	246	1554	29	...	167	3	408	503	5	449	63	70	509	66	77	103	96	33	29	389	35	255
F	30,384	11198	4917	4228	122	4440	8	54	62	11	13	132	48	353	198	1581	41	...	154	...	396	462	2	422	50	45	489	50	77	93	82	39	32	326	34	219

\*Including "Galician" and "Bukovinian."

Table 12—Legitimate Births (exclusive of Stillbirths) Classified According

Racial Origin of Mother	Total	AGE OF															
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
English	21,964		15	82	184	508	788	985	1168	1278	1351	1312	1336	1311	1264	1212	
Irish	9,667		2	18	63	157	305	372	440	455	471	531	544	600	541	521	
Scottish	8,297		6	26	50	119	225	315	396	395	423	500	468	507	441	462	
Welsh	247				1	4	6	10	9	16	15	16	16	13	15	17	
French	8,795		3	12	37	115	225	322	397	476	521	536	540	437	499	468	
Armenian	26							1	1	4	2	2	1	2	3		
Austrian	110				1	1	1	3	6	4	5	11	8	5	6		
Belgian	162				1	2	7	9	8	12	2	11	3	8	5		
Bulgarian	18						3	1	1	3	1	1	1	1	2		
Chinese	19						2	2	2	2	2	1	3	1	1		
Czech and Slovak	269					1	5	8	3	12	12	15	19	20	16		
Danish	79				2	2	2	2	2	5	2	4	5	4	6		
Dutch	675			1	9	13	17	27	28	28	38	40	40	48	44		
Finnish	421			2	4	7	17	21	22	29	22	24	20	38	30		
German	3,021		2	11	22	48	96	102	142	149	168	184	158	190	180		
Greek	69					3	2	4	4	3	3	3	4	7	6		
Hungarian	318				1	8	13	11	13	10	14	13	15	18	16		
Icelandic	3										1				29		
Indian	680	1	1	5	20	25	24	44	38	49	35	39	37	38	25		
Italian	947				12	21	28	47	56	70	51	51	35	56	57		
Japanese	6				1		1						1		45		
Jewish	859				1	4	14	21	35	35	62	72	84	62	73		
Negro	101					6	5	9	3	5	5	6	5	5	3		
Norwegian	113					6	7	5	3	5	5	7	9	4	6		
Polish	966		1	2	5	28	20	41	55	47	28	68	63	75	62		
Roumanian	109				1	2	7	4	7	8	7	8	4	6	3		
Russian	151		1	1	1	5	6	5	5	9	10	7	9	7	14		
Serb and Croat	190				1	1	5	3	6	3	12	6	12	16	13		
Swedish	170			2	1	4	7	4	6	11	12	17	15	11	9		
Swiss	72					1	2	2	3	3	11	2	5	6	6		
Syrian	60						1	1	2	3	6	6	1	3	6		
Ukrainian*	674			1	2	13	31	41	50	32	54	38	52	34	39		
Other	66					2	2	6	6	2	3	7	7	6	4		
Not specified	410			1	8	7	25	21	16	21	18	16	11	14	21		
Total	59,734	4	41	192	519	1250	2004	2532	2988	3273	3345	3565	3403	3650	3361	3345	

\*Including "Galician" and "Bukovinian."

to Age and Racial Origin of Mothers, for the Province of Ontario, 1934

MOTHER

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
1076	986	869	802	799	862	639	588	507	497	424	356	216	212	127	94	53	25	14	6	4	3	11
472	478	436	404	410	414	329	353	271	257	237	168	123	104	86	51	26	9	8	3	2	6	5
466	443	373	396	327	332	284	261	226	230	182	160	99	71	51	21	26	8	3				
13	6	8	11	9	9	10	6	8	5	10	2	8	2	1	1							
418	388	319	324	330	320	240	241	208	245	210	155	100	107	63	40	24	10	9			1	20
1			3	1	1		2	1									1					
5	11	6	1	5	6		2	2	3			1		2	2							
8	3	11	6	13	3	9	8	5	7	6	1	2		2		1						
	2	1		1				1														
22	17	19	25	11	11	10	10	4	4	1	3	2	1									
7	6	2	3	1	7		4	2	1		1			1								
36	38	35	24	29	24	15	20	15	20	15	12	6	5	4		2	1					
21	20	15	15	18	14	12	12	7	9	6	2	2	1			2	1				1	
178	144	136	122	123	102	82	89	87	76	67	65	25	37	30	15	4	4	2	2			1
1	3	1	7	2	1	4	1		2	2		1	1									
27	19	8	16	19	16	9	14	4	6	5	3	4	4		2					1		
			1				1															
29	17	17	30	19	27	18	18	15	18	15	17	3	3	3	3	1	1			1	1	11
40	41	37	42	35	33	30	24	31	26	23	15	15	10	3	3	2	3	2		1	1	2
1	1																					
57	48	22	36	28	28	16	23	19	11	13	7	6	1	1	1	1						4
6	3	4	2	4	2	4	2	4	3	4	4	1		1			1					
3	6	11	4	3	3	1	4	3	3	1	1	2	1		1		1					
48	53	30	55	32	34	26	19	18	17	19	16	4	2	1	1	1	1	2	1			9
5	4	4	3	1	8		5	1		4	3	1	2	1	1		1					
4	8	9	2	8	5	3	5	4	3	4	2			2								
12	15	8	9	9	12	7	5	3	2	2	1					1						2
5	11	5	7	6	2	3	4	5	2	3	4	2	1									
2	3	6	1	6	2	2	3	3	3	1		1			2							
1	3	1	1	2		2		1	3		3	1	1	1		1						
45	34	14	21	15	11	15	8	9	6	6	8	4	5	4	5							2
1	2		5	4	4	1		3														1
17	11	6	18	12	8	7	5	4	12	5	6	2	2	4	2	1	2			1		83
3027	2824	2413	2396	2280	2305	1777	1739	1471	1473	1267	1010	631	574	388	248	145	69	40	15	9	4	157

Table 13—Births (exclusive of Stillbirths) Classified According

Birthplace of Father	Total	BIRTHPLACE														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other
Canada	42,382	12	207	157	2517	33614	332	238	98	78	54	2248	281	835	53	12
Prince Edward Island	42	4	2	1	1	26	1	1				2		1		
Nova Scotia	315	2	71	5	9	149	2		4	1		25	6	7		
New Brunswick	231		7	62	24	92		1				14	2		1	
Quebec	2980		8	16	1270	1412	18	13	6	1		71	10	29		1
Ontario	38,034	6	115	70	1187	31516	252	197	73	65	6	2070	254	770	52	11
Manitoba	343		1	1	10	198	48	6	6			29	3	8		
Saskatchewan	173		2		9	109	6	20	1	2		8	2	2		
Alberta	88				3	59	2		5	1		7	1	2		
British Columbia	68		1	2	2	40	2		2	8		2	3	3		
Province not specified	108				2	13	1		1		48	20	3	6		
British Isles	10,012	10	58	13	161	4219	80	46	15	15	42	2730	662	1499	114	12
England	6242	4	39	8	109	2909	51	27	10	9	20	2201	136	421	48	7
Ireland	1215	1	7	1	21	407	12	4		2	4	156	430	138	6	1
Scotland	2293	5	11	3	27	800	16	12	4	3	9	316	94	917	9	1
Wales	229		1		3	92	1	2	1	1		47	2	18	51	
Other	33			1	1	11		1				10		5		3
British Possessions	302	1	6		3	121	2	3				1	37	5	16	1
Newfoundland	170	1	6		2	66	1	3				1	14	3	11	1
Other	132				1	55	1					23	2	5	1	
Europe	5367	2	12	6	100	896	71	44	9	3	13	106	20	43	3	1
Austria	258				5	34	15	5	1			1	7		1	
Belgium	159				1	26	1					1	1	1		
Denmark	103		2		2	28	3					8	3	6	1	
Finland	275				2	43				1						
France	39		2		2	15						4	1	1		
Germany	203				4	67	3	1				4	4	4		
Holland	125	1	1		1	36		2				8	2	2		
Hungary	309				2	18	2	5		1	1	1	1	1		
Italy	908	1	1	1	16	233	3	2			4	25	4	8	1	1
Norway	70			2	2	22	1	1		1		3	1	5		
Poland	1262		1		19	163	19	11	2		2	13	3	3		
Roumania	224		1	1	10	26	4	8	2		2	2	1	4		
Russia (*)	601			1	16	70	8	5	2		4	11	1	1		
Sweden	117				4	45	2	1	2			4		2		
Other	714		4	1	16	70	10	3			1	15	2	5		
Asia	124		1		5	31	2			5	1	2		3		
China	40		1			14	2			4	1	2		3		
Japan	7															
Other	77				5	17				1						
United States	1402		7	7	81	877	22	8	5	3	3	97	12	32	2	
Various	12					6	1									
Not Specified	133				2	29			1		1	1	1			
Children born to married mothers	59,734	25	291	183	2869	39793	510	339	128	104	115	5221	981	2428	173	26
Children born to unmarried mothers	2,500		17	7	118	1855	11	26	11	5	12	150	36	72	5	1
Children born to all mothers	62,234	25	308	190	2987	41648	521	365	139	109	127	5371	1017	2500	178	27

\*Including the Ukraine.

to Birthplace of Parents, for the Province of Ontario, 1934

OF MOTHER

Newfoundland	Europe																			Asia				United States	Various	Not specified
	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other							
65	37	10	12	12	32	15	32	14	3	24	10	59	7	26	9	14	3	...	4	1227	6	25				
6	3	...	...	...	1	...	...	...	...	1	2	2	...	...	1	...	...	...	...	3	18	1	...			
1	1	...	1	2	...	5	1	2	1	1	1	2	1	1	1	3	...	...	1	14	97	5	5			
54	36	9	10	8	30	10	30	12	3	21	6	42	5	20	6	10	3	...	3	1054	5	19				
...	1	...	1	2	...	...	...	...	...	1	1	9	1	4	1	1	...	...	...	14	8	1				
...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	...	...	6	5	...				
1	...	...	...	1	...	1	1	...	...	...	2	1	1	...	...	...	...	...	...	8	...	...				
26	28	4	4	2	11	2	5	5	3	4	3	11	6	8	4	8	...	1	...	191	3	4				
22	18	3	4	1	7	2	4	4	2	2	2	8	5	5	2	6	...	...	...	134	1	2				
1	1	3	...	1	1	...	...	...	...	...	...	1	1	2	1	1	...	...	...	12	2	1				
5	7	...	...	...	1	...	1	1	1	2	...	1	1	1	2	...	1	...	...	41	...	...				
1	...	1	...	...	1	...	...	...	...	1	1	2	...	...	...	...	...	...	...	4	...	1				
60	36	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	7	1	...				
60	36	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...				
4	4	187	115	39	263	9	97	65	270	557	23	1084	148	434	34	548	1	...	3	143	7	3				
1	...	152	...	...	5	...	2	...	2	1	...	11	2	5	5	5	...	...	...	3	...	...				
...	...	1	...	36	3	...	1	5	...	...	...	1	...	...	1	...	...	...	...	9	...	...				
1	1	2	1	1	216	6	1	...	1	...	1	1	...	...	1	1	1	...	...	12	...	...				
...	...	...	...	...	1	...	...	...	...	...	...	4	2	6	1	6	...	...	...	3	2	1				
1	1	1	6	...	1	1	3	81	1	1	1	2	5	2	1	1	1	...	1	2	...	...				
1	1	...	...	...	2	1	1	...	251	...	1	2	5	2	6	6	...	...	...	2	...	...				
1	1	...	...	...	2	...	...	...	...	551	...	7	1	2	3	3	...	...	...	33	5	1				
1	1	4	...	...	3	...	3	...	1	1	1	921	10	54	3	12	...	...	...	4	...	...				
1	...	4	...	...	2	...	2	1	4	1	1	25	110	10	5	5	...	...	...	19	...	1				
...	...	24	...	...	3	...	3	...	...	...	6	81	14	339	3	3	...	...	...	18	...	...				
...	1	2	...	...	14	...	1	...	10	3	...	31	4	15	29	505	...	...	...	7	...	...				
1	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	1	9	5	44	9	2	...				
1	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	1	9	5	1	4	1	...				
2	3	1	2	1	2	2	5	...	2	1	...	3	3	6	3	...	...	...	4	204	1	1				
...	...	1	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	...	1	2	1	...				
161	108	202	134	54	309	28	140	84	278	588	36	1159	164	475	50	571	13	6	55	1784	21	128				
10	3	5	1	3	18	...	4	1	2	3	...	24	2	8	1	9	...	...	1	48	...	31				
171	111	207	135	57	327	28	144	85	280	591	36	1183	166	483	51	580	13	6	56	1832	21	159				

Table 14—Legitimate Births (exclusive of Stillbirths) Classified According

Birthplace of Mother	Total	AGE OF																
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Canada.....	44,357	4	39	182	487	1138	1824	2263	2614	2683	2699	2640	2550	2688	2396	2286	2079	
Prince Edward Island.....	25							1	1		1	3	1				2	
Nova Scotia.....	291				2	5	9	13	14	17	20	19	9	22	18	10	11	
New Brunswick.....	183					3	2	10	7	12	18	11	13	8	10	6	6	
Quebec.....	2,869		5	8	21	56	105	104	135	145	147	172	150	152	147	164	134	
Ontario.....	39,793	3	34	171	450	1029	1642	2041	2353	2402	2416	2342	2298	2416	2139	2061	1882	
Manitoba.....	510				8	14	21	38	35	39	29	46	39	37	41	20	23	
Saskatchewan.....	339			3	4	10	26	25	33	43	34	24	25	32	24	12	8	
Alberta.....	128				1	11	11	17	16	8	17	3	3	8	6	6	6	
British Columbia.....	104					5	7	3	13	7	10	10	9	4	6	3	4	
Province not specified.....	115	1			1	5	1	11	7	10	7	10	4	8	5	4	3	
British Isles.....	8,829		1	4	16	54	100	131	185	279	357	506	483	512	547	584	544	
England.....	5,221			1	11	37	54	63	100	150	201	281	271	278	307	331	303	
Ireland.....	981					4	13	10	19	37	47	58	65	70	73	74	53	
Scotland.....	2,428		1	3	5	12	32	53	61	82	102	156	137	154	155	163	178	
Wales.....	173					1	1	5	4	10	7	9	9	10	10	13	10	
Other.....	26								1			2			2	3		
British Possessions.....	269				2	1	3	2	4	11	17	12	9	11	17	28	21	
Newfoundland.....	161				2	1	3			5	13	6	6	2	13	16	13	
Other.....	108							2	4	6	4	6	3	9	4	12	8	
Europe.....	4,272		1	3	5	28	39	73	104	210	167	278	240	307	270	352	284	
Austria.....	202		1			1	1	2	2	7	5	16	10	11	13	18	15	
Belgium.....	134						2	7	5	9	2	9	3	7	5	8	9	
Denmark.....	54					2	2	1		1	2	5	3	1	6	6	6	
Finland.....	309					2	3	6	8	15	13	14	15	29	24	27	19	
France.....	28					1			1			1	2	4	1	1	9	
Germany.....	140					2	2	2	4	3	11	11	9	9	11	9	9	
Holland.....	84					1	1	2	2	4	6			5	2	8	4	
Hungary.....	278					5	4	5	10	8	14	11	13	15	16	28	27	
Italy.....	588			2		5	6	11	20	29	21	28	20	27	33	29	32	
Norway.....	36					1		1	2		1	1	1	1	3	1	1	
Poland.....	1,159			1		4	5	15	27	62	53	91	81	104	84	120	79	
Roumania.....	164					2	2	4	13	3	18	6	16	6	15	11	11	
Russia*.....	475			2		2	3	7	9	27	20	31	29	31	34	39	32	
Sweden.....	50			2		1		1	2	3	2	3	3	2	2	2	2	
Other.....	571			1		3	8	15	13	29	25	38	42	44	36	37	37	
Asia.....	74							2	2	3	3	3	6	2	7	7	3	
China.....	13									1			1		1		1	
Japan.....	6							1					1				1	
Other.....	55							1	2	2	3	2	4	2	5	7	2	
United States.....	1,784			3	9	28	38	58	76	84	97	122	111	122	119	87	93	
Various.....	21							2	2	4	2	2	4	2	2	1	1	
Not specified.....	128					1		1	3	3	3	4	2	4	3	1	2	
Total.....	59,734	4	41	192	519	1250	2004	2532	2988	3273	3345	3565	3403	3650	3361	3345	3027	

\*Including the Ukraine.

to Age and Birthplace of Mothers, for the Province of Ontario, 1934

MOTHER

30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
1949	1658	1622	1554	1550	1176	1222	985	1037	870	668	410	395	278	169	108	46	28	9	4	3	44
1	1	1	1	1	2	3	1	4	2	1	2	2	2	1	1	1	1	1	1	1	1
17	24	14	13	7	4	6	4	12	6	4	5	2	2	1	1	1	1	1	1	1	2
5	10	9	7	12	10	4	6	4	3	3	1	1	1	1	1	1	1	1	1	1	2
132	109	111	113	128	101	89	68	92	83	64	42	41	23	13	7	2	1	1	1	1	4
1750	1484	1452	1398	1383	1043	1111	897	914	764	592	358	346	248	155	97	44	25	9	4	3	37
22	13	18	9	13	7	4	7	4	10	3	5	2	1	1	1	1	1	1	1	1	1
11	8	5	6	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	5	2	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
4	2	5	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	6	4	1	4	3	1	3	1	1	1	2	4	1	1	1	1	1	1	1	1
492	459	458	412	476	396	319	313	280	249	225	140	123	69	51	24	14	6	4	4	1	11
291	274	267	252	294	256	204	206	175	159	157	84	91	45	38	16	9	3	4	3	1	4
58	56	47	41	52	41	27	32	23	20	18	17	5	6	5	3	2	2	1	1	1	2
135	123	133	111	120	86	82	69	75	61	46	29	25	18	7	5	3	1	1	1	1	5
6	5	10	7	9	12	5	5	6	8	2	7	2	2	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1
14	14	14	9	12	15	6	5	9	10	5	8	4	4	1	1	1	1	1	1	1	1
6	7	8	8	7	11	3	1	5	8	4	4	3	4	1	1	1	1	1	1	1	1
8	7	6	1	5	4	3	4	4	2	1	4	1	1	1	1	1	1	1	1	1	1
273	200	223	218	192	151	138	107	100	94	66	45	33	18	18	10	5	5	2	1	1	12
16	9	7	12	6	6	6	5	5	4	2	2	2	4	5	1	1	1	1	1	1	1
3	10	5	13	3	8	6	4	6	4	1	2	2	2	1	1	1	1	1	1	1	1
6	1	3	6	4	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	15	16	17	13	13	12	7	8	6	1	2	1	1	2	1	1	1	1	1	1	1
8	6	5	12	3	10	1	5	5	4	3	1	2	1	1	1	1	1	1	1	1	1
7	6	6	3	4	3	4	2	3	4	3	1	1	1	1	1	1	1	1	1	1	1
14	10	14	19	14	9	14	3	6	6	3	4	3	4	3	2	1	1	1	1	1	1
32	29	32	33	29	30	22	26	24	21	13	12	9	3	3	2	2	2	2	2	2	1
3	7	2	1	2	1	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1
75	43	62	44	43	36	24	23	19	25	18	5	2	3	1	1	1	2	1	1	1	7
15	4	5	5	11	2	6	3	2	3	4	2	4	2	1	1	1	1	1	1	1	1
32	23	18	25	22	9	18	14	9	12	8	9	3	2	3	2	2	2	2	2	2	1
4	2	3	2	2	2	2	1	2	2	2	4	2	1	1	1	1	1	1	1	1	1
39	32	45	29	26	22	17	7	8	4	4	1	3	1	2	1	1	1	1	1	1	3
5	2	4	2	3	2	3	3	5	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	4	2	1	2	2	1	3	1	2	1	1	1	1	1	1	1	1	1	1	1
83	79	74	83	70	36	50	57	42	44	41	27	18	17	8	3	3	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2824	2413	2396	2280	2305	1777	1739	1471	1473	1267	1010	631	574	388	248	145	69	40	15	9	4	157

**Table 15—Plural Births Classified to Show Number of Children Born Alive and Stillborn by Sex, for the Province of Ontario, 1934**

CLASSIFICATION OF BIRTHS		Total
Cases of twins		682
Two males (both living)		206
One male and one female (both living)		216
Two females (both living)		188
One male living and one male stillborn		14
One male living and one female stillborn		7
One male stillborn and one female living		15
One female living and one female stillborn		19
Two males (both stillborn)		8
One male and one female (both stillborn)		2
Two females (both stillborn)		7
Cases of triplets		6
Three males (all living)		1
One male and two females (all living)		1
Three females (all living)		2
One male and one female living and one male stillborn		1
Three females (all stillborn)		1
Cases of quintuplets		1
Five females (all living)		1
Total multiple births	No.	689
	M.	702
	F.	685
Total single living births	No.	60,940
	M.	31,196
	F.	29,744
Total Single Stillbirths	No.	1,998
	M.	1,103
	F.	895
Total confinements		63,627

**MARRIAGES**

**Table 16—Marriages in the Province of Ontario by Months, 1934**

	Total Marriages	Months											
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total for the province	25,874	1,374	1,365	1,467	1,888	1,765	3,544	2,142	2,205	3,303	2,600	2,211	2,010

**Table 17—Marriages—Conjugal Condition of Contracting Parties, in the Province of Ontario, 1934**

	Total marriages	MARRIAGES BETWEEN									Per cent. of Bridegrooms who were			Per cent. of Brides who were		
		Bachelors and			Widowers and			Divorced men and			Bachelors	Widowers	Divorced	Spinsters	Widows	Divorced
		Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women						
Total for the Province	25,874	23,212	490	134	1,078	677	34	211	20	18	92.1	6.9	1.0	94.7	4.6	0.7



Table 18—Marriages Reported in Rural and Urban Parts of Counties, in the Province of Ontario, 1934

COUNTIES	Total	Rural	Urban	COUNTIES	Total	Rural	Urban
Total for the province.....	25,874	6,610	19,264	Manitoulin.....	86	70	16
Addington.....	62	62	.....	Middlesex.....	955	223	732
Algoma.....	348	89	259	Muskoka.....	193	48	145
Brant.....	424	79	345	Nipissing.....	375	122	253
Bruce.....	292	186	106	Norfolk.....	192	119	73
Carleton.....	1,274	153	1,121	Northumberland.....	194	118	76
Cochrane.....	522	185	337	Ontario.....	404	124	280
Dufferin.....	94	62	32	Oxford.....	313	129	184
Dundas.....	109	109	.....	Parry Sound.....	211	148	63
Durham.....	161	68	93	Peel.....	172	120	52
Elgin.....	316	136	174	Perth.....	344	125	219
Essex.....	1,141	132	1,009	Peterborough.....	312	82	230
Frontenac.....	335	89	246	Prescott.....	154	101	53
Glengarry.....	96	67	23	Prince Edward.....	74	34	40
Grenville.....	92	51	41	Rainy River.....	96	25	71
Grey.....	352	166	186	Renfrew.....	288	124	164
Haldimand.....	156	107	49	Russell.....	93	72	21
Haliburton.....	32	32	.....	Simcoe.....	526	212	314
Halton.....	155	61	94	Stromont.....	285	63	222
Hastings.....	496	210	280	Sudbury.....	581	229	352
Huron.....	268	178	90	Thunder Bay.....	468	36	432
Kenora.....	172	8	164	Timiskaming.....	383	246	137
Kent.....	506	162	338	Victoria.....	181	96	85
Lambton.....	311	123	188	Waterloo.....	668	100	568
Lanark.....	206	58	151	Welland.....	607	138	469
Leeds.....	194	70	124	Wellington.....	369	127	242
Lennox.....	76	32	38	Wentworth.....	1,473	101	1,372
Lincoln.....	402	113	289	York.....	7,312	690	6,622









Table 22—Marriages—Literacy of Bridegrooms and Brides in the Province of Ontario, Classified by Birthplace 1934

Birthplace	Bridegrooms			Brides		
	Total	Illiterate	Per cent. Illiterate	Total	Illiterate	Per cent. Illiterate
Total.....	25,874	149	0.6	25,874	96	0.4
Canada.....	18,674	109	0.6	20,645	52	0.3
Prince Edward Island.....	17			11		
Nova Scotia.....	157	3	1.9	84		
New Brunswick.....	90	1	1.1	82		
Quebec.....	922	18	2.0	849	11	1.3
Ontario.....	16,900	86	0.5	18,794	41	0.2
Manitoba.....	225			316		
Saskatchewan.....	149			219		
Alberta.....	79	1	1.3	126		
British Columbia.....	55			50		
Province not specified.....	80			114		
British Isles.....	4,212	3	0.1	3,108	1	†
England.....	2,665	2	0.1	1,840	1	0.1
Ireland.....	451	1	0.2	347		
Scotland.....	1,001			872		
Wales.....	94			49		
Other.....	1					
British Possessions.....	115	1	0.9	84		
Newfoundland.....	49	1	2.0	56		
Other.....	66			28		
Europe.....	1,987	36	1.8	1,340	40	3.0
Austria.....	90			57	1	1.8
Belgium.....	34	1	2.9	12		
Denmark.....	43			15	1	6.7
Finland.....	189	5	2.6	213	3	1.4
France.....	9			8		
Germany.....	95			42		
Holland.....	50			21		
Hungary.....	91	1	1.1	59	1	1.7
Italy.....	200	4	2.0	81	2	2.5
Norway.....	28			13	1	7.7
Poland.....	540	17	3.1	446	24	5.4
Roumania.....	96	3	3.1	52	2	3.8
Russia*.....	209	4	1.9	142	3	2.1
Sweden.....	56			9		
Other.....	257	1	0.4	170	2	1.2
Asia.....	36			14		
China.....	16			1		
Japan.....	2					
Other.....	18			13		
United States.....	842			674	3	0.4
Various.....	8			5		
Not specified.....				4		

\*Including the Ukraine.

†Less than 0.1 per cent.

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban by Counties, 1934

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario.....	3,523	307	279	366	315	293	274	218	280	339	325	254	273
Rural.....	1,354	122	121	132	115	112	105	86	96	134	130	97	104
Urban.....	2,169	185	158	234	200	181	169	132	184	205	195	157	169
Addington.....	5	1	1			2				1			
Rural.....	5	1	1			2				1			
Algoma.....	64	8	6	2	2	4	3	1	5	8	9	11	5
Rural.....	20	3	5			1		1		3	1	3	3
Urban.....	44	5	1	2	2	3	3		5	5	8	8	2
Sault Ste. Marie, c.....	27	4	1	2	1	3	2		1	2	5	5	1
Blind River, t.....	10	1				2			2	2	2	2	1
Thessalon, t.....	7				1		1		2	1	1	1	
Brant.....	41	3		2	2	6	1	4	6	5	7	4	1
Rural.....	11	1				3			2	1	2	2	
Urban.....	30	2		2	2	3	1	4	4	4	5	2	1
Brantford, c.....	26	1		2	1	2	1	4	4	4	5	1	1
Paris, t.....	4	1			1	1						1	
Bruce.....	41	4	6	5	4	3	5	2	1	7		3	1
Rural.....	29	4	1	4	3	3	4	2	1	5		1	1
Urban.....	12		5	1	1		1			2		2	
Chesley, t.....	1		1										
Kincairdine, t.....	3		2									1	
Southampton, t.....	2			1						1			
Walkerton, t.....	4		1		1					1		1	
Wiarton, t.....	2		1										
Carleton.....	246	19	17	29	21	16	11	15	24	24	29	14	27
Rural.....	30	2	3	1	1	2		3	1	4	6	3	4
Urban.....	216	17	14	28	20	14	11	12	23	20	23	11	23
Ottawa, c.....	200	14	13	23	20	14	11	12	19	19	22	11	22
Eastview, t.....	16	3	1	5					4	1	1		1
Cochrane.....	147	11	8	12	13	11	10	7	13	14	18	10	20
Rural.....	68	7	6	4	5	7	4	3	5	8	8	2	9
Urban.....	79	4	2	8	8	4	6	4	8	6	10	8	11
Cochrane, t.....	7				1		3		1		1		1
Iroquois Falls, t.....	5		1	1				1	1		1		
Kapuskasing, t.....	7			2		1	1	1	1	1		1	
Timmins, t.....	60	4	1	5	7	3	2	3	5	5	8	7	10
Dufferin.....	11	1	4	1					1	1		2	1
Rural.....	6		3	1					1	1			
Urban.....	5	1	1									2	1
Orangeville, t.....	5	1	1									2	1
Dundas.....	16	1	2		1	3	1	1		4	2		1
Rural.....	16	1	2		1	3	1	1		4	2		1
Durham.....	12	1	1		1	1	2	1	1		1	1	2
Rural.....	9		1		1		2	1	1			1	2
Urban.....	3	1				1					1		
Bowmanville, t.....	3	1				1					1		
Port Hope, t.....													
Elgin.....	35	4	2	3	3	2	2		1	2	6	4	6
Rural.....	17	1	2	2	1	1	2		1	1	4		2
Urban.....	18	3		1	2	1				1	2	4	4
St. Thomas, c.....	17	2		1	2	1				1	2	4	4
Aylmer, t.....	1	1											
Essex.....	135	11	8	16	15	12	6	7	21	10	11	10	8
Rural.....	36	4	2	3	4	1	1	2	5	4	3	5	2
Urban.....	99	7	6	13	11	11	5	5	16	6	8	5	6
Windsor, c.....	58	3	2	8	7	7	4	3	7	5	6	2	4
East Windsor, c.....	3		1	2									
Amherstburg, t.....	1			2									1
Essex, t.....													
Kingsville, t.....	3								1				1
Leamington, t.....	2				1			1					
Riverside, t.....	3	1			1	1							
Sandwich, t.....	4			2					2				
Tecumseh, t.....	1	1											
Walkerville, t.....	24	2	3	1	2	3	1	1	6	1	1	3	
Frontenac.....	57	2	7	6	2	8	6	2	2	8	4	4	6
Rural.....	20	1	3	2	2	2	3		1	2	1	1	2
Urban.....	37	1	4	4		6	3	2	1	6	3	3	4
Kingston, c.....	37	1	4	4		6	3	2	1	6	3	3	4

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban by Counties, 1934—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Glengarry.....	24	3	3	3	2	2	1	1	1	3	1	1	3
Rural.....	20	2	2	2	2	2	1	1	1	2	1	1	3
Urban.....	4	1	1	1						1			
Alexandria, t.....	4	1	1	1						1			
Grenville.....	16	2	1	1		2	4	3	1	1		1	
Rural.....	15	2	1	1		2	4	2	1	1		1	
Urban.....	1							1					
Prescott, t.....	1							1					
Grey.....	48	5	2	4	3	1	4	5	1	7	6	3	7
Rural.....	26	4		4	1		4	4		3	1	2	3
Urban.....	22	1	2		2	1		1	1	4	5	1	4
Owen Sound, c.....	15	1	1		2	1		1	1	3	3		2
Durham, t.....	1												1
Hanover, t.....	3		1							1			1
Meaford, t.....	3										2	1	
Haldimand.....	10	1	1	1		1	1	2	1		1	1	
Rural.....	9	1	1	1		1	1	1	1		1	1	
Urban.....	1							1					
Dunnville, t.....	1							1					
Haliburton.....	7		1		1		1		1				1
Rural.....	7		1		1		1		1				1
Halton.....	9	1			1	1		1	3	1	1		
Rural.....	6	1			1	1		1	3	1	1		
Urban.....													
Burlington, t.....													
Georgetown, t.....													
Milton, t.....													
Oakville, t.....													
Hastings.....	74	11	6	11	3	9	8	1	6	5	3	6	5
Rural.....	45	7	4	7	2	3	6	1	4	3	2	2	4
Urban.....	29	4	2	4	1	6	2		2	2	1	4	1
Belleville, c.....	17	2	1	4		2	2		1	2	1	2	
Deseronto, t.....	3	1				1			1				
Trenton, t.....	9	1	1		1	3						2	1
Huron.....	19		2	3	1	1	2	1	2	1	1	2	3
Rural.....	10		1	3	1	1					1		3
Urban.....	9		1				2	1	2	1		2	
Clinton, t.....	2								1	1			
Goderich, t.....	3		1				1		1				
Seaforth, t.....	3						1	1				1	
Wingham, t.....	1											1	
Kenora.....	30	3	4	5	2	2	1	2	5				6
Rural.....	14	1	4	1	2	1			2				3
Urban.....	16	2		4		1	1	2	3				3
Dryden, t.....	3					1		1	1				
Keewatin, t.....													
Kenora, t.....	9			3				1	1	2			2
Sioux Lookout, t.....	4	2		1									1
Kent.....	75	1	7	3	16	6	9	5	4	9	7	5	9
Rural.....	37	1	5	1	7	3	2	3	1	4	4	4	2
Urban.....	38		2	2	3	3	7	2	3	5	3	1	7
Chatham, c.....	26		2	1	1	3	6	2	1	4	2		4
Blenheim, t.....	1			1									
Dresden, t.....	3											1	2
Ridgetown, t.....	1				1								
Tilbury, t.....	3				1						1		1
Wallaceburg, t.....	4						1		2	1			
Lambton.....	53	4	7	4	2	7	4	5	6	6	2	4	2
Rural.....	27	1	3	3	2	4	3	3	1	2	1	3	1
Urban.....	26	3	4	1		3	1	2	5	4	1	1	1
Sarnia, c.....	21	3	4	1		3		1	3	4	1	1	
Forest, t.....													
Petrolia, t.....	5						1	1	2				1
Lanark.....	27	5	2		1	4	2		2	3	6		2
Rural.....	16	1	1			2	1		1	1	3		
Urban.....	17	4	1		1	2	1		1	2	3		2
Almonte, t.....	1										1		
Carleton Place, t.....	3		1		1								
Perth, t.....	4	1					1			1			1
Smiths Falls, t.....	9	2				2			1	1	2		1



**Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban by Counties, 1934—Continued**

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Leeds.....	36	1	2	5	5	7	1	3	1	6	1	4	
Rural.....	21	1	2	3	4	3	1	2	1	2	2	3	
Urban.....	15			2	1	4	1	1		4	1	1	
Brockville, t.....	14			2	1	3	1	1		4	1	1	
Gananoque, t.....	1					1							
Lennox.....	7	1	1		2	1	1	1					
Rural.....	4		1		2			1					
Urban.....	3	1				1	1						
Napanee, t.....	3	1				1	1						
Lincoln.....	42		3	5	7	4	7	3	1	5	4	2	
Rural.....	10			2	2	3	1	1		1			
Urban.....	32		3	3	5	1	6	2	1	4	4	2	
St. Catharines, c.....	28		1	3	4	1	5	2	1	4	4	2	
Grimsby, t.....	2		1		1								
Merrittton, t.....	2		1				1						
Niagara, t.....	2												
Manitoulin.....	34	1		3	4	3	2	2	2	6	8	5	
Rural.....	33	1		3	4	3	2	2	2	6	7	3	
Urban.....	1										1		
Little Current, t.....	1										1		
Middlesex.....	86	10	9	4	13	6	4	7	6	10	4	7	
Rural.....	20	3	1	1	5	2	2	1		2		2	
Urban.....	66	7	8	3	8	4	2	6	6	8	4	5	
London, c.....	64	7	7	3	8	4	2	6	5	8	4	5	
Parkhill, t.....													
Strathroy, t.....	2		1						1				
Muskoka.....	26	5	4	1	2	1	4		1	4	3	1	
Rural.....	13	2	3	1	1		2		1	1	2		
Urban.....	13	3	1		1	1	2			3	1	1	
Bracebridge, t.....	3	1	1							1			
Gravenhurst, t.....	3				1	1					1		
Huntsville, t.....	7	2					2			2		1	
Nipissing.....	94	4	13	8	7	3	8	10	8	12	9	3	
Rural.....	40	2	7	6	4	2	6	3	5	5	3	2	
Urban.....	45	2	6	2	3	1	2	7	3	7	6	1	
North Bay, c.....	24	1	5	1	1	1	2	3	2	2	3	3	
Cache Bay, t.....	2	1									1		
Mattawa, t.....	3									2		1	
Sturgeon Falls, t.....	16		1	1	2			4	1	3	2	1	
Norfolk.....	20	3	3	2	1	2	1	1	2	6	4	1	
Rural.....	15	1	3			2		1	1	3	3	1	
Urban.....	11	2		2	1		1		1	3	1		
Simcoe, t.....	11	2		2	1		1		1	3	1		
Northumberland.....	31	1	2	7	3	3	3		6	2		4	
Rural.....	17		1	3	1	2	3		2	2		3	
Urban.....	14	1	1	4	2	1			4			1	
Campbellford, t.....	3	1		2									
Cobourg, t.....	11		1	2	2	1			4			1	
Ontario.....	52	2	7	4	4	6	7	5	2	4	5	3	
Rural.....	16	1	1	1	1	2	1	3	1	1	1	2	
Urban.....	36	1	6	3	3	4	6	2	1	3	4	1	
Oshawa, c.....	34		5	3	3	4	6	2	1	3	4	1	
Uxbridge, t.....	1		1										
Whitby, t.....	1	1											
Oxford.....	30	2	2	3	1	3	3	3	1	2	5	3	
Rural.....	11	1	1	3	1	1		1		2	2	1	
Urban.....	19	1	1			2	3	2	1	2	3	2	
Woodstock, c.....	10	1	1			1	2	2		1	2		
Ingersoll, t.....	3									1		1	
Tilsonburg, t.....	6					1	1		1		1	1	
Parry Sound.....	43	4	5	2	2	4	6	2		5	4	6	
Rural.....	33	2	4	1	2	3	3	1		5	3	6	
Urban.....	10	2	1	1		1	3	1			1		
Parry Sound, t.....	10	2	1	1		1	3	1			1		
Peel.....	15	1		3	5		1	1		1		2	
Rural.....	7			3	1					1		1	
Urban.....	8	1			4		1	1				1	
Brampton, t.....	8	1			4		1	1				1	

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban by Counties, 1934—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Perth.....	38	5	6	3	2	3	5	3	1	1	5	4	.....
Rural.....	16	3	2	1	1	2	1	1	.....	.....	3	2	.....
Urban.....	22	2	4	2	1	1	4	2	1	1	2	2	.....
Stratford, c.....	13	1	2	2	.....	1	2	1	1	.....	1	2	.....
Listowel, t.....	7	1	1	.....	.....	.....	2	1	.....	1	1	.....	.....
Mitchell, t.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
St. Mary's, t.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peterborough.....	38	2	3	6	2	2	4	1	3	3	7	4	1
Rural.....	15	.....	1	4	1	2	.....	1	.....	1	3	2	.....
Urban.....	23	2	2	2	1	.....	4	.....	3	2	4	2	1
Peterborough, c.....	23	2	2	2	1	.....	4	.....	3	2	4	2	1
Prescott.....	75	3	9	8	10	1	2	5	9	4	10	4	10
Rural.....	56	1	7	6	8	.....	1	4	8	2	6	4	9
Urban.....	19	2	2	2	2	1	1	1	1	2	4	.....	1
Hawkesbury, t.....	12	1	2	2	.....	1	.....	.....	.....	1	4	.....	1
Vankleek Hill, t.....	7	1	.....	.....	2	.....	1	1	1	1	.....	.....	.....
Prince Edward.....	13	.....	2	.....	3	3	.....	.....	2	2	1	.....	.....
Rural.....	8	.....	1	.....	2	2	.....	.....	1	1	1	.....	.....
Urban.....	5	.....	1	.....	1	1	.....	.....	1	1	.....	.....	.....
Picton, t.....	5	.....	1	.....	1	1	.....	.....	1	1	.....	.....	.....
Rainy River.....	25	2	2	5	2	1	.....	2	3	.....	1	4	3
Rural.....	13	1	1	2	1	.....	.....	1	2	.....	1	3	1
Urban.....	12	1	1	3	1	1	.....	1	1	.....	.....	1	2
Fort Francis, t.....	11	1	1	2	1	1	.....	1	1	.....	.....	1	2
Rainy River, t.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Renfrew.....	77	9	3	7	8	9	5	4	4	6	11	6	5
Rural.....	45	7	3	3	3	5	3	2	3	4	6	3	3
Urban.....	32	2	.....	4	5	4	2	2	1	2	5	3	2
Arnprior, t.....	5	.....	.....	1	1	1	.....	1	.....	.....	1	.....	.....
Pembroke, t.....	17	.....	.....	2	3	2	2	.....	.....	2	2	3	1
Renfrew, t.....	10	2	.....	1	1	1	.....	1	1	.....	2	.....	1
Russell.....	45	3	.....	4	1	5	5	2	4	10	6	3	2
Rural.....	38	3	.....	3	1	4	5	2	2	8	6	3	1
Urban.....	7	.....	.....	1	.....	1	.....	.....	2	2	.....	.....	1
Rockland, t.....	7	.....	.....	1	.....	1	.....	.....	2	2	.....	.....	1
Simcoe.....	111	11	3	8	10	9	7	8	11	18	9	10	7
Rural.....	43	3	1	3	2	6	4	3	6	7	4	3	1
Urban.....	68	8	2	5	8	3	3	5	5	11	5	7	6
Alliston, t.....	4	.....	.....	1	1	.....	.....	.....	.....	1	.....	.....	1
Barrie, t.....	13	1	1	.....	2	.....	.....	1	1	3	1	1	2
Collingwood, t.....	8	2	.....	.....	.....	1	1	1	2	.....	.....	.....	1
Midland, t.....	18	1	1	1	.....	1	2	1	2	4	2	3	.....
Orillia, t.....	13	.....	.....	3	3	1	.....	2	.....	2	1	1	.....
Penetanguishene, t.....	11	3	.....	.....	2	.....	.....	.....	.....	1	1	1	3
Stayner, t.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stormont.....	89	9	4	14	2	6	6	5	14	10	8	5	6
Rural.....	36	5	3	6	.....	1	3	3	4	5	4	.....	2
Urban.....	53	4	1	8	2	5	3	2	10	5	4	5	4
Cornwall, t.....	53	4	1	8	2	5	3	2	10	5	4	5	4
Sudbury.....	134	10	9	11	16	11	14	6	10	15	13	8	11
Rural.....	81	6	5	6	9	7	8	4	7	8	9	5	7
Urban.....	53	4	4	5	7	4	6	2	3	7	4	3	4
Sudbury, c.....	45	4	2	5	5	4	5	2	2	6	4	2	4
Capreol, t.....	4	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
Coppercliff, t.....	4	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Thunder Bay.....	63	7	6	6	9	4	4	5	6	2	3	9	2
Rural.....	15	3	3	.....	.....	.....	2	2	1	.....	1	2	1
Urban.....	48	4	3	6	9	4	2	3	5	2	2	7	1
Fort William, c.....	20	3	1	3	3	1	1	1	2	1	1	3	.....
Port Arthur, c.....	28	1	2	3	6	3	1	2	3	1	1	4	1
Timiskaming.....	72	6	4	9	6	5	8	6	5	8	7	3	5
Rural.....	56	6	3	9	4	3	5	5	4	7	4	3	3
Urban.....	16	.....	1	.....	2	2	3	1	1	1	3	.....	2
Cohalt, t.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Englehart, t.....	3	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	1
Haileybury, t.....	6	.....	.....	.....	1	.....	1	.....	1	1	1	.....	1
New Liskeard, t.....	6	.....	1	.....	1	2	1	1	.....	.....	.....	.....	.....

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban by Counties, 1934—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Victoria.....	35	3	2	7	3	4	3	2	5	2			4
Rural.....	19	3		4	2	3	1	2	1				1
Urban.....	16		2	3	1	1	2		3	1			3
Lindsay, t.....	16		2	3	1	1	2		3	1			3
Waterloo.....	86	12	6	9	5	6	4	11	7	5	5	9	7
Rural.....	22	2	2	2	2	2	2	2			2	5	1
Urban.....	64	10	4	7	3	4	2	9	7	5	3	4	6
Galt, c.....	16	4	1	2	1	1		2	1	1		1	2
Kitchener, c.....	36	3	3	5		3		5	4	3	2	3	4
Elmira, t.....	1							1					
Hespeler, t.....	4				1				1	1		1	
Preston, t.....	5	3					1		1				
Waterloo, t.....	2				1			1					
Welland.....	80	10	1	8	12	3	6	4	5	7	10	8	6
Rural.....	33	5	1	6	4	3	2	2	2	1	3	2	2
Urban.....	47	5		2	8		4	2	3	6	7	6	4
Niagara Falls, c.....	22	1		1	5		1	1	3	4	4	1	1
Welland, c.....	17	3		1	3		1	1		1	3	2	2
Fort Erie, t.....	1											1	
Port Colborne, t.....	6						2			1		2	1
Thorold, t.....	1	1											
Wellington.....	49	7	5	6	1	3	4	5	4	3	2	6	3
Rural.....	29	5	3	4		2	3	1	1	3		6	1
Urban.....	20	2	2	2	1	1	1	4	3		2	2	2
Guelph, c.....	17	2		2	1	1	1	4	2		2		2
Harriston, t.....													
Mount Forest, t.....	3		2						1				
Palmerston, t.....													
Wentworth.....	156	17	15	24	16	12	12	7	2	15	15	10	11
Rural.....	7	1			2					1	1		2
Urban.....	149	16	15	24	14	12	12	7	2	14	14	10	9
Hamilton, c.....	148	16	15	24	14	11	12	7	2	14	14	10	9
Dundas, t.....	1					1							
York.....	613	54	50	73	61	59	53	41	45	50	43	45	39
Rural.....	77	8	9	6	8	2	5	8	5	6	9	5	6
Urban.....	536	46	41	67	53	57	48	33	40	44	34	40	33
Toronto, c.....	517	45	40	65	52	51	47	31	40	41	33	39	33
Aurora, t.....													
Long Branch, t.....	3							2		1			
Mimico, t.....	8	1	1		1	3	1				1		
Newmarket, t.....	3					1				1		1	
New Toronto, t.....	3			1		1				1			
Weston, t.....	2			1		1							

Table 24—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Children Under One Year of Age, Showing the Number Non-Resident in the Province of Ontario, 1934

	All Deaths under One Year						In Institutions					
	Total			Non-resident in Province			Total			Non-resident in Province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the Province.....	3,523	1,989	1,534	16	10	6	1,456	828	628	15	10	5



Children under One Year of Age, Classified According to Residence of Decedents in Over, in the Province of Ontario, 1934

IN INSTITUTIONS									DEATHS ELSEWHERE THAN IN INSTITUTIONS														
Residents			Non-resident in City or Town Where Death Occurred and						Total			Residents			Non-resident in City or Town Where Death Occurred and								
			Resident in Province			Non-resident in Province									Resident in Province			Non-resident in Province					
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.			
4	1	3	8	5		3			5	4	1	5	4	1									
14	5	9	4	4					8	4	4	8	4	4									
11	5	6	11	4		7			4	4		4	4										
8	2	6	3	3					3	1	2	3	1	2									
8	5	3	5	4					4	3	1	3	3	1									
5	1	4	2	2		1		1	2	2	1	2	2	2									
103	58	45	10	9		2	1	1	34	15	19	34	15	19									
19	9	10	10	6		4			8	2	6	8	2	6			1		1				
17	11	6	8	4		4			11	6	5	11	6	5									
31	15	16	17	7		10			16	8	8	16	8	8									
12	5	7	5	4		1			5	3	2	5	3	2									
11	7	4	7	3		4			11	4	7	11	4	7									
18	10	8	2	3		1			12	7	5	11	11	4			1		1				
130	75	55	21	14		7	7	6	42	26	16	41	25	16		1	1	1					
5	2	4	4	3		2			6	5	1	6	5	1									
14	11	3	5	3		2			4	1	3	4	1	3									
12	5	7	12	8		4			4	2	2	4	2	2									
14	7	7	6	3		3			8	4	4	8	4	4									
6	3	3	3	5		1			8	3	5	8	3	5									
12	5	7	3	3		2			5	3	2	5	3	2									
12	7	5	2	2					13	7	6	13	7	6									
10	7	3	9	7					3	1	2	3	1	2									
14	9	5	0	7		2			22	12	10	20	10	10		2	2	2					
320	175	145	76	42		34	1	1	120	69	51	117	68	49		3	1	2					
5	4	6	6	4		2			6	4	2	6	4	2									
19	10	9	20	9		11			19	12	7	19	12	7									
2	1	1	1	1					2	5	2	2	5	2									
8	7	1	2	2		2			3	2	1	3	2	1									
5	3	2	1	1					2	1	1	2	1	1									
7	5	2	2	2			1	1	1	1	3	4	1	3									
1	2	2	4	3		1			6	2	2	6	2	2									
22	10	12	12	7		5	2	1	17	9	8	17	9	8									
									17	1	7	16	9	7									
1	1								8	2	6	8	2	6									
1		1	2	2					8	1	2	8	1	2									
2	2	1	2			2			1	2	1	2	1	2									
6	3	3	1	4					11	2	3	11	2	3									
1	4	2	5			5			11	7	3	11	7	3			1	1	1				
6	3	3	4	3		1			5	2	2	5	2	2									
6	4	2	4	3		1			5	3	1	5	3	1			1		1				
									6	5	5	6	5	5			1	1					
									5	4	2	5	4	2									
3		3	1	1			1	1	5	3	2	5	3	2									
4	3	1	6	2		4			4	1	3	4	1	3									
4	3	1							4	1	5	4	1	5									
17	10	7	1			1			42	23	19	40	22	18		2	1	1					
5	1	4	17	13		4			9	5	4	9	5	4									
									2	2	2	2	2	2									
									2	2	1	2	2	1									

Table 26—Deaths of Children under One Year (exclusive of Stillbirths), by Age at Death, in the Province of Ontario, 1934

Ages		Total
All infants		3,523
	M.	1,989
	F.	1,534
Under 1 day		756
	M.	441
	F.	315
1 day		235
	M.	140
	F.	95
2 days		177
	M.	104
	F.	73
3 days		151
	M.	92
	F.	59
4 days		96
	M.	59
	F.	37
5 days		51
	M.	22
	F.	29
6 days		46
	M.	22
	F.	24
Under 1 week		1,512
	M.	880
	F.	632
1 week and under 2 weeks		200
	M.	113
	F.	87
2 weeks and under 3 weeks		135
	M.	82
	F.	53
3 weeks and under 1 month		106
	M.	56
	F.	50
Under 1 month		1,953
	M.	1,131
	F.	822
1 month and under 2 months		289
	M.	154
	F.	135
2 months and under 3 months		244
	M.	137
	F.	107
3 months and under 4 months		197
	M.	110
	F.	87
4 months and under 5 months		174
	M.	92
	F.	82
5 months and under 6 months		128
	M.	76
	F.	52
6 months and under 7 months		118
	M.	61
	F.	57
7 months and under 8 months		119
	M.	64
	F.	55
8 months and under 9 months		103
	M.	53
	F.	50
9 months and under 10 months		80
	M.	47
	F.	33
10 months and under 11 months		73
	M.	40
	F.	33
11 months and under 12 months		45
	M.	24
	F.	21

**Table 27—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Racial Origin of Decedents, in the Province of Ontario, 1934**

Racial Origin	Total
All origins.....	3,523
English.....	1,185
Irish.....	532
Scottish.....	346
Welsh.....	9
French.....	735
Armenian.....	...
Austrian.....	12
Belgian.....	7
Bulgarian.....	1
Chinese.....	4
Czech and Slovak.....	13
Danish.....	6
Dutch.....	39
Finish.....	19
German.....	147
Greek.....	8
Hindu.....	...
Hungarian.....	22
Icelandic.....	...
Indian.....	107
Italian.....	59
Japanese.....	...
Jewish.....	41
Negro.....	6
Norwegian.....	3
Polish.....	58
Roumanian.....	15
Russian.....	7
Serb and Croat.....	11
Swedish.....	15
Swiss.....	1
Syrian.....	2
Ukrainian*.....	25
Other.....	2
Not specified.....	86

\*Including "Galician" and "Bukovinian."







Table 29—Deaths of Children (exclusive of Stillbirths) from Certain Specified Causes in First Year of Life by Sex and Calendar Month of Death, Ontario, 1934

CAUSES OF DEATH	MONTH OF DEATH																										
	Total under 1 year		Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
ALL CAUSES, Total.....	3,523	1,989	1,534	172	135	166	113	191	175	166	149	179	114	152	122	134	84	155	125	189	150	185	140	134	120	166	107
7. Measles.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9. Whooping-cough.....	122	60	62	2	6	7	4	5	3	6	7	4	7	6	6	5	7	9	3	9	3	6	6	6	3	4	1
10. Diphtheria.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11. Influenza.....	49	28	21	3	6	4	1	7	3	2	2	5	3	2	2	1	1	1	1	2	2	2	1	1	1	2	1
13. Dysentery.....	14	10	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
15. Frisipelas.....	14	7	7	1	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16. Poliomyelitis and polioencephalitis (acute).....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18. Epidemic cerebrospinal meningitis.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23. Tuberculosis of the respiratory system.....	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24. Tuberculosis of the meninges and central nervous system.....	8	3	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25-32. Tuberculosis, other forms.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34. Syphilis.....	26	15	11	2	3	1	1	1	1	2	3	1	2	1	1	1	1	3	1	1	1	1	1	1	1	1	3
36. Purulent infection, septicaemia.....	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
67. Diseases of the thymus gland.....	57	34	23	3	2	3	4	6	3	1	1	3	1	4	2	1	1	1	1	2	1	1	1	1	1	4	3
79. Simple meningitis.....	16	8	8	1	3	2	1	3	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
86. Convulsions.....	34	24	10	3	1	5	3	3	2	2	4	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1
89. Diseases of the ear and mastoid process.....	25	13	12	2	1	1	1	1	1	3	1	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
105A. Group.....	7	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
106. Bronchitis.....	16	6	10	1	2	2	1	2	2	1	3	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
107. Bronchopneumonia.....	261	150	111	21	17	15	11	27	17	21	16	17	9	8	6	4	4	2	3	4	5	8	6	11	8	12	9
108, 109. Pneumonia.....	107	54	53	8	7	8	6	9	11	5	7	2	1	5	2	2	4	4	3	4	2	4	3	4	3	4	7
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations).....	10	8	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
116-118. Diseases of the stomach.....	18	11	7	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
119. Diarrhoea and enteritis.....	445	240	205	9	10	12	1	10	12	6	13	10	6	10	10	12	11	34	35	73	57	45	34	9	11	10	5
122. Hernia, intestinal obstruction.....	26	19	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
130. Nephritis.....	410	222	188	17	18	24	10	15	16	21	20	10	11	20	12	19	15	17	17	11	17	21	17	16	18	22	17
157. Malformations.....	66	29	37	1	3	3	1	1	3	3	2	1	2	2	2	3	4	3	4	5	2	2	2	2	2	1	7
(A) Congenital malformations of the heart.....	151	90	61	7	8	10	1	9	6	9	8	5	4	10	3	8	4	6	5	2	7	5	7	7	5	12	3
(B, D, E) Others under this title.....	193	103	90	9	7	11	8	5	7	9	10	13	5	8	5	9	8	7	9	5	11	8	6	7	11	17	7
158. Congenital debility.....	187	106	81	9	9	11	9	10	5	4	11	10	7	7	5	7	2	8	3	11	12	16	6	7	11	17	5
159. Premature birth.....	993	576	417	59	26	41	24	41	53	52	36	50	33	46	57	58	28	46	36	41	22	39	37	45	38	58	33
160. Injury at birth.....	277	163	114	11	11	10	16	14	18	18	11	16	9	19	7	13	6	12	9	13	5	15	4	12	9	10	9

161. Other diseases peculiar to early infancy (under 3 months).....	203	120	83	8	3	7	9	13	13	9	9	20	8	10	8	4	6	7	5	14	4	10	6	6	2	12	10
(A-E). Specified diseases.....	199	118	81	8	3	6	7	13	13	9	9	20	8	10	8	4	6	7	5	13	4	10	6	6	2	12	10
(F) No cause given, no doctor in attendance.....	4	2	2	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
173-175. Homicide.....	8	6	2	2	1	1	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	
176-198. Other external causes.....	54	30	24	.....	4	3	3	2	3	3	1	2	3	6	1	1	.....	3	4	2	1	5	.....	3	2	2	
Other specified causes.....	94	52	42	2	3	7	4	10	6	9	5	5	1	.....	4	5	3	2	2	4	4	2	4	4	2	4	
199-200. Unspecified or ill-defined causes..	18	10	8	3	2	1	1	.....	1	.....	1	.....	.....	1	.....	.....	.....	1	.....	2	.....	2	.....	.....	.....	1	

Table 30—Deaths of Children (exclusive of Stillbirths) from Certain Specified Causes

CAUSES OF DEATH	Total	Total under 1 year		Under 1 day		1 day & under 1 week		1 week & under 2 weeks		2 weeks & under 3 weeks	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>ALL CAUSES. Total</b> .....	<b>3,523</b>	<b>1,989</b>	<b>1,534</b>	<b>441</b>	<b>315</b>	<b>439</b>	<b>317</b>	<b>113</b>	<b>87</b>	<b>82</b>	<b>53</b>
7. Measles.....	2	1	1			1					
9. Whooping-cough.....	122	60	62							1	1
10. Diphtheria.....	1	1									
11. Influenza.....	45	28	21			1					
13. Dysentery.....	14	10	4								
15. Erysipelas.....	14	7	7							1	
16. Poliomyelitis and polioencephalitis (acute).....	1	1									
18. Epidemic cerebrospinal meningitis.....	2	1	1								
23. Tuberculosis of the respiratory system.....	5	3	2								
24. Tuberculosis of the meninges and central nervous system.....	8	3	5								
25-32. Tuberculosis, other forms.....	1		1								
34. Syphilis.....	26	15	11		1		1	1	1	1	1
36. Purulent infection, septicaemia.....	3	2	1								
67. Diseases of the thymus gland.....	57	34	23	4		11	6			1	1
79. Simple meningitis.....	16	8	8			1		1			
86. Convulsions.....	34	24	10	2		7	4	2			
89. Diseases of the ear and mastoid process.....	25	13	12								1
105A. Croup.....	7	3	4								
106. Bronchitis.....	16	6	10			3			1		1
107. Bronchopneumonia.....	261	150	111			6	2	3	3	5	5
108, 109. Pneumonia.....	107	54	53			6	3	1	1	1	2
115. Diseases of the buccal cavity and annexe and of the pharynx and tonsils (including adenoid vegetations).....	10	8	2								1
116-118. Diseases of the stomach.....	18	11	7			1	1	1			
119. Diarrhoea and enteritis.....	445	240	205			1	5	4	5	11	7
122. Hernia, intestinal obstruction.....	26	19	7								
130. Nephritis.....	9	3	6			1					
157. Malformations.....	410	222	188	33	32	66	52	19	15	12	7
(A) Congenital hydrocephalus.....	66	29	37	7	7	6	8	2	1	1	1
(C) Congenital malformations of the heart.....	151	90	61	16	8	38	18	6	4	4	1
(B, D, E) Others under this title.....	193	103	90	10	17	22	26	11	10	7	5
158. Congenital debility.....	187	106	81	11	15	27	20	8	8	4	5
159. Premature birth.....	993	576	417	292	195	168	118	44	34	24	14
160. Injury at birth.....	277	163	114	66	46	79	56	11	6	5	4
161. Other diseases peculiar to early infancy (under 3 months).....	203	120	83	28	21	51	41	16	10	8	3
(A-E) Specified diseases.....	199	118	81	28	20	49	41	16	10	8	3
(F) No cause given, no doctor in attendance.....	4	2	2		1	2					
173-175. Homicide.....	8	6	2	5	2	1					
176-198. Other external causes.....	54	30	24		1	3	3			3	
Other specified causes.....	94	52	42		1	4	4	2	3	4	1
199, 200. Unspecified or ill-defined causes.....	18	10	8		1	1	1				



Table 32—Total Deaths (exclusive of Stillbirths) and Deaths in Towns of 5,000 Population and

Cities and Towns	ALL DEATHS												DEATHS			
	Total			Residents			Non-resident in City or Town where Death Occurred and						Total			
							Resident in Province			Non-resident in Province						
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	
Belleville	209	106	103	116	51	65	90	54	36	3	1	2	129	73	56	
Brantford	350	163	187	294	131	163	56	32	24	2	1	1	175	86	89	
Chatham	265	148	117	165	85	80	98	62	36	2	1	1	172	97	75	
East Windsor	38	14	24	32	9	23	5	4	1	1	1	4	2	2	0	
Fort William	186	110	76	151	87	64	34	22	12	1	1	1	122	70	52	
Galt	196	102	94	162	79	83	34	23	11	1	1	1	80	43	37	
Guelph	242	134	108	186	97	89	54	35	19	2	2	2	124	68	56	
Hamilton	1462	748	714	1295	655	640	162	89	73	5	4	1	772	415	357	
Kingston	452	256	196	299	156	143	150	99	51	3	1	2	276	173	103	
Kitchener	310	148	162	261	120	141	49	28	21	1	1	1	157	78	79	
London	1005	489	516	791	358	433	210	129	81	4	2	2	590	311	279	
Niagara Falls	202	117	85	163	90	73	33	23	10	6	4	2	88	47	41	
North Bay	176	109	67	132	79	53	41	28	13	3	2	1	96	69	27	
Oshawa	195	102	93	169	91	78	25	10	15	1	1	1	84	41	43	
Ottawa	1618	887	731	1369	738	631	184	112	72	65	37	28	928	538	390	
Owen Sound	164	75	89	133	58	75	31	17	14	1	1	1	62	34	28	
Peterborough	353	198	155	273	152	121	79	45	34	1	1	1	178	115	63	
Port Arthur	189	112	77	139	80	59	50	32	18	1	1	1	125	77	48	
St. Catharines	271	130	141	211	96	115	60	34	26	1	1	1	135	74	61	
St. Thomas	224	109	115	175	76	99	48	32	16	1	1	1	105	59	46	
Sarnia	220	109	111	180	93	87	37	15	22	3	1	2	101	47	54	
Sault Ste. Marie	214	128	86	179	102	77	34	25	9	1	1	1	97	60	37	
Stratford	191	94	97	168	80	88	23	14	9	1	1	1	82	43	39	
Sudbury	229	132	97	150	79	71	77	51	26	2	2	1	132	84	48	
Toronto	6266	3295	2971	5437	2779	2658	802	506	296	27	10	17	3236	1875	1361	
Welland	152	89	63	94	50	44	58	39	19	1	1	1	94	59	35	
Windsor	581	293	288	436	212	225	138	78	60	7	3	4	280	147	133	
Woodstock	195	88	107	167	72	95	28	16	12	1	1	1	82	41	41	
Towns:																
Barrie	127	61	66	99	48	51	28	13	15	1	1	1	56	29	27	
Brampton	69	42	27	49	29	20	20	13	7	1	1	1	31	20	11	
Brockville	162	77	85	120	52	68	38	25	13	4	1	4	86	46	40	
Cobourg	92	39	53	75	28	47	16	11	5	1	1	1	48	21	27	
Collingswood	104	54	50	81	40	41	23	14	9	1	1	1	47	22	25	
Cornwall	240	136	104	156	85	71	76	46	30	8	5	3	151	81	70	
Dundas	76	35	41	57	25	32	19	10	9	1	1	1	22	9	13	
Eastview	55	28	27	55	28	27	10	7	8	2	4	3	22	16	6	
Fort Erie	67	35	32	53	24	29	7	6	1	1	1	1	11	9	2	
Fort Frances	45	29	16	38	23	15	12	7	5	4	2	2	26	15	11	
Hawkesbury	62	35	27	46	26	20	14	9	5	1	1	1	22	15	7	
Ingersoll	96	51	45	81	42	39	31	21	10	1	1	1	46	32	14	
Kenora	70	45	25	52	32	20	14	9	5	4	4	1	53	38	15	
Lindsay	133	84	49	102	63	39	31	21	10	1	1	1	43	18	25	
Midland	103	54	49	79	45	34	23	8	15	1	1	1	5	2	3	
Mimico	28	12	16	25	11	14	3	1	2	1	1	1	140	66	74	
New Toronto	166	81	85	98	48	50	67	32	35	1	1	1	74	39	35	
Orillia	147	71	76	95	43	52	51	27	24	1	1	1	85	51	34	
Pembroke	145	77	68	86	40	46	52	34	18	7	3	4	4	3	1	
Port Colborne	38	21	17	34	19	15	4	2	2	1	1	1	39	23	16	
Preston	44	23	21	37	19	18	3	1	2	4	3	1	13	5	8	
Renfrew	72	39	33	49	21	28	21	16	5	2	2	1	53	22	32	
Sandwich	54	23	31	41	18	23	12	4	8	1	1	1	37	22	15	
Simcoe	116	50	66	78	33	45	37	17	20	1	1	1	9	8	1	
Smiths Falls	103	53	50	85	45	40	17	8	9	1	1	1	77	48	29	
Thorold	47	25	22	43	22	21	4	3	1	1	1	1	145	81	64	
Timmins	170	105	65	146	87	59	24	18	6	1	1	1	111	62	49	
Trenton	75	38	37	75	38	37	1	1	1	1	1	1	1	1	1	
Walkerville	189	101	88	59	24	35	129	76	53	1	1	1	1	1	1	
Waterloo	50	28	22	49	28	21	1	1	1	1	1	1	1	1	1	
Whitby	158	79	79	128	62	66	30	17	13	1	1	1	1	1	1	

**Institutions, Classified According to Residence of Decedents in Cities and Over, in the Province of Ontario, 1934**

IN INSTITUTIONS									DEATHS ELSEWHERE THAN IN INSTITUTIONS																	
Residents			Non-resident in City or Town where Death Occurred and									Total			Residents			Non-resident in City or Town where Death Occurred and								
			Resident in Province			Non-resident in Province												Resident in Province			Non-resident in Province					
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.			
43	22	21	84	50	34	2	1	1	80	33	47	73	29	44	6	4	2	1	1	1	1	1	1			
120	54	66	55	32	23				175	77	98	174	77	97	1		1									
72	34	38	98	62	36	2	1	1	93	51	42	93	51	42												
1		1	3	2	1				34	12	22	31	9	22	2	2		1	1							
92	50	42	29	19	10	1	1		64	40	24	59	37	22	5	3	2									
49	23	26	31	20	11				116	59	57	113	56	57	3	3										
70	32	38	52	34	18	2	2		118	66	52	116	65	51	2	1	1									
625	333	292	143	79	64	4	3	1	690	333	357	670	322	348	19	10	9	1	1							
138	83	55	136	89	47	2	1	1	176	83	93	161	73	88	14	10	4	1	1							
110	51	59	47	27	20				153	70	83	151	69	82	2	1	1									
394	185	209	196	126	70				415	178	237	397	173	224	14	3	11	4	2							
57	27	30	29	19	10	2	1	1	114	70	44	106	63	43	4	4		4	3							
59	44	15	36	24	12	1	1		80	40	40	73	35	38	5	4	1	2	1							
62	32	30	21	8	13	1	1		111	61	50	107	59	48	4	2	2									
697	398	299	173	106	67	58	34	24	690	349	341	672	340	332	11	6	5	7	3							
34	18	16	28	16	12				102	41	61	99	40	59	3	1	2									
101	70	31	76	44	32	1	1		175	83	92	172	82	90	3	1	2									
77	47	30	48	30	18				64	35	29	62	33	29	2	2										
82	43	39	53	31	22				136	56	80	129	53	76	7	3	4									
60	29	31	44	29	15	1	1		119	50	69	115	47	68	4	3	1									
67	32	35	34	15	19				119	62	57	113	61	52	3	3		3	1							
66	37	29	30	22	8	1	1		117	68	49	113	65	48	4	3	1									
61	29	32	21	14	7				109	51	58	107	51	56	2	2										
67	41	26	64	42	22	1	1		97	48	49	83	38	45	13	9	4	1	1							
2505	1419	1086	717	449	268	14	7	7	3030	1420	1610	2932	1360	1572	85	57	28	13	3							
37	21	16	57	38	19				58	30	28	57	29	28	1	1										
144	73	71	131	72	59	5	2	3	301	146	155	292	139	153	7	6	1	2	1							
56	25	31	26	16	10				113	47	66	111	47	64	2	2										
34	18	16	22	11	11				71	32	39	65	30	35	6	2	4									
15	9	6	16	11	5				38	22	16	34	20	14	4	2	2									
45	22	23	37	24	13	4		4	76	31	45	75	30	45	1	1										
34	12	22	14	9	5				44	18	26	41	16	25	2	2		1								
29	12	17	18	10	8				57	32	25	52	28	24	5	4	1									
75	36	39	70	41	29	6	4	2	89	55	34	81	49	32	6	5	1	2	1							
19	8	11	3	1	2				54	26	28	38	17	21	16	9	7									
									55	28	27	55	28	27												
11	7	4	9	7	2	2	2		45	19	26	42	17	25	1	1		2	1							
7	5	2	4	4					34	20	14	31	18	13	3	2	1									
11	7	4	11	6	5	4	2	2	36	20	16	35	19	16	1	1										
9	7	2	12	8	4	1	1	1	74	36	38	72	35	37	2	1	1									
32	22	10	13	9	4	1	1		24	13	11	20	10	10	1	1		3	3							
24	19	5	29	19	10				80	46	34	78	44	34	2	2										
25	14	11	18	4	14				60	36	24	54	31	23	5	4	1	1								
4	2	2	1	1					23	10	13	21	9	12	2	1	1									
74	34	40	65	31	34	1	1		26	15	11	24	14	10	2	1	1									
32	15	17	41	23	18	1	1		73	32	41	63	28	35	10	4	6									
29	17	12	49	31	18	7	3	4	60	26	34	57	23	34	3	3										
						4	3	1	38	21	17	34	19	15	4	2	2									
						2	2		40	20	20	37	19	18	3	1	2									
17	6	11	20	15	5	2	2		33	16	17	32	15	17	1	1										
2	1	1	11	4	7				41	18	23	39	17	22	1	1		1	1							
21	8	13	33	14	19				62	28	34	57	25	32	4	3	1	1								
25	15	10	12	7	5				66	31	35	60	30	30	5	1	4	1								
6	5	1	3	3					38	17	21	37	17	20	1	1	1									
59	35	24	18	13	5				93	57	36	87	52	35	6	5	1									
									75	38	37	75	38	37												
19	8	11	125	72	53	1	1		44	20	24	40	16	24	4	4										
									50	28	22	49	28	21	1	1		1								
84	45	39	27	17	10				47	17	30	44	17	27	3		3									

Table 33—Deaths (exclusive of Stillbirths) by Single Years of Age and by Age Groups in the Province of Ontario, 1934

AGES	TOTAL FOR PROVINCE			AGES	TOTAL FOR PROVINCE		
	Total	Male	Female		Total	Male	Female
All ages	35,119	18,731	16,388	50 years	335	181	154
Under 1 year*	3,523	1,989	1,534	51 "	298	177	121
1 year	430	264	166	52 "	410	243	167
2 years	168	92	76	53 "	356	195	161
3 "	150	93	57	54 "	425	248	177
4 "	125	73	52	Total 50-54 years	1,824	1,044	780
Total under 5 years	4,396	2,511	1,885	55 years	379	214	165
5 years	83	45	38	56 "	412	242	170
6 "	95	57	38	57 "	425	242	183
7 "	85	46	39	58 "	485	268	217
8 "	67	41	26	59 "	480	267	213
9 "	78	48	30	Total 55-59 years	2,181	1,233	948
Total 5-9 years	408	237	171	60 years	498	269	229
10 years	63	33	30	61 "	435	249	186
11 "	62	30	32	62 "	614	345	269
12 "	67	41	26	63 "	644	358	286
13 "	72	43	29	64 "	621	361	260
14 "	84	51	33	Total 60-64 years	2,812	1,582	1,230
Total 10-14 years	348	198	150	65 years	655	373	282
15 years	80	37	43	66 "	592	322	270
16 "	84	47	37	67 "	661	372	289
17 "	86	48	38	68 "	677	367	310
18 "	105	50	55	69 "	685	378	307
19 "	119	61	58	Total 65-69 years	3,270	1,812	1,458
Total 15-19 years	474	243	231	70 years	798	409	389
20 years	140	65	75	71 "	684	357	327
21 "	124	68	56	72 "	893	469	424
22 "	156	89	67	73 "	854	444	410
23 "	128	65	63	74 "	925	506	419
24 "	131	67	64	Total 70-74 years	4,154	2,185	1,969
Total 20-24 years	679	354	325	75 years	893	461	432
25 years	129	65	64	76 "	812	429	383
26 "	136	74	62	77 "	844	469	375
27 "	135	69	66	78 "	802	413	389
28 "	147	70	77	79 "	756	400	356
29 "	150	64	86	Total 75-79 years	4,107	2,172	1,935
Total 25-29 years	697	342	355	80 years	691	335	356
30 years	144	65	79	81 "	577	293	284
31 "	116	57	59	82 "	647	325	322
32 "	165	93	72	83 "	608	292	316
33 "	172	84	88	84 "	532	252	280
34 "	167	80	87	Total 80-84 years	3,055	1,497	1,558
Total 30-34 years	764	379	385	85 years	474	212	262
35 years	179	96	83	86 "	409	193	216
36 "	164	78	86	87 "	325	139	186
37 "	170	97	73	88 "	291	131	160
38 "	176	79	97	89 "	230	108	122
39 "	164	82	82	Total 85-89 years	1,729	783	946
Total 35-39 years	853	432	421	90 years	220	87	133
40 years	208	122	86	91 "	146	61	85
41 "	214	103	111	92 "	118	50	68
42 "	233	139	94	93 "	92	38	54
43 "	227	106	121	94 "	75	29	46
44 "	237	118	119	Total 90-94 years	651	265	386
Total 40-44 years	1,119	588	531	95 years	62	18	44
45 years	239	139	100	96 "	39	21	18
46 "	228	125	103	97 "	28	16	12
47 "	289	163	126	98 "	17	5	12
48 "	312	173	139	99 "	8	6	2
49 "	326	185	141	Total 95-99 years	154	66	88
Total 45-49 years	1,394	785	609	100 years and over	30	7	23
				Not stated	20	16	4

\*For age periods under 1 year, see Table 30, page 42.



Table 34—Deaths (exclusive of Stillbirths) Classified by Racial Origin of Decedents in the Province of Ontario, 1934

RACIAL ORIGIN	ONTARIO			RACIAL ORIGIN	ONTARIO		
	Total	Male	Female		Total	Male	Female
ALL ORIGINS.....	35,119	18,731	16,388	Hungarian.....	72	42	30
English.....	12,853	6,720	6,133	Icelandic.....	5	2	3
Irish.....	7,698	4,013	3,685	Indian.....	459	213	246
Scottish.....	5,967	3,077	2,890	Italian.....	314	203	111
Welsh.....	140	80	60	Japanese.....	1	1	...
French.....	3,007	1,711	1,296	Jewish.....	404	235	169
German.....	1,666	903	763	Negro.....	124	68	56
Armenian.....	11	7	4	Norwegian.....	25	13	12
Austrian.....	93	52	41	Polish.....	284	182	102
Belgian.....	33	20	13	Roumanian.....	47	34	13
Bulgarian.....	14	11	3	Russian.....	70	54	16
Chinese.....	48	46	2	Serb and Croat.....	52	37	15
Czech and Slovak.....	46	34	12	Swedish.....	88	61	27
Danish.....	30	14	16	Swiss.....	27	15	12
Dutch.....	586	316	270	Syrian.....	17	8	9
Finnish.....	205	129	76	Ukrainian*.....	123	74	49
Greek.....	38	28	10	Other.....	27	20	7
Hindu.....	1	...	1	Not specified.....	544	308	236

\*Including "Galician" and "Bukovinian."































TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1934—Continued

CAUSES OF DEATH	Sex	Total	Un- der 1	AGES—YEARS																	100 to and stat- ed						
				1	2	3	4	5	10	15	20	25	30	35	40	45	50	55	60	65		70	75	80	85	90	95
				to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to		to	to	to	to	to	to
93b. Myocarditis, unspecified, under 45 years of age.	M	10							1	2	1	2	4														
	F	6									1	3	1	4													
93c. Chronic myocarditis and myocardial degeneration.	M	977	2	1	7	9	22	55	70	82	98	166	186	145	87	28	8	1									
	F	1046	1	5	4	7	20	24	24	57	77	102	183	188	177	126	38	8	4								
93d. Myocarditis, unspecified, 45 years and over.	M	214									8	13	18	28	37	38	28	25	6	4	1						
	F	276									4	8	9	18	25	40	67	62	21	13	7	1					
94. Diseases of the coronary arteries and aneurysms.	M	1685	1	2	11	21	59	108	161	189	252	295	285	190	89	40	7	1									
	F	794	1	2	4	8	11	30	46	63	93	132	144	148	68	35	8										
94A. Diseases of the coronary arteries.	M	79									4	5	8	12	18	7	14	5	4	1							
	F	35									1	1	3	3	7	3	3	2	2								
94B. Embolism and thrombosis of coronary arteries.	M	1227									47	84	129	150	194	212	176	117	55	26	4	1					
	F	583									3	6	23	37	47	69	93	104	117	50	20	6					
94C. Angina pectoris.	M	379									1	4	12	20	27	31	46	65	72	59	29	10	2				
	F	176									1	4	7	15	21	36	33	24	15	12	12	5					
95. Other diseases of the heart.	M	305									1	2	1	6	11	23	17	30	34	49	51	41	19	9	5		
	F	266									1	1	2	1	6	11	18	17	33	40	50	36	24	7	1		
95A. Functional diseases of the heart.	M	32									1	3	7	4	6	6	1	1	2	1	1	2	1				
	F	42									1	6	7	9	4	4	1	4	1	4	1	4	1				
95B. Other and unspecified.	M	273									1	2	1	6	11	22	14	23	30	43	45	40	18	7	4		
	F	218									1	1	2	1	4	5	10	17	11	26	33	41	32	23	3		
96. Aneurysm (except of the heart).	M	47									3	7	3	6	10	3	8	4									
	F	10									1	1	1	2	1	1	1	1	1	1	1	1	1	1	1		
97. Arteriosclerosis (of coronary arteries excepted).	M	1625									2	7	10	37	63	126	182	306	357	306	157	62	8	1			
	F	1574									1	7	20	31	58	102	144	279	321	310	197	80	19	5			
98. Gangrene.	M	62									1	5	7	9	11	10	9	11	10	9	6	2	4				
	F	41									1	2	1	2	1	4	11	8	6	2	4						
99. Other diseases of the arteries.	M	39									4	2	2	2	6	6	9	5	2	1	1	1					
	F	18									1	1	2	1	4	3	2	1	1	1	1	1					
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.).	M	12									2	3	1	4	1	2	1	1	1	1	1	1					
	F	21									1	1	2	1	3	1	5	1	3	4	1	2					
101. Diseases of the lymphatic system (lymphangitis, etc.).	M	5									1	1	1	1	1	1	1	1	1	1	1	1					
	F	4									1	1	1	1	1	1	1	1	1	1	1	1					
102. Idiopathic abnormalities of blood pressure.	M	101									4	3	5	7	16	15	28	33	31	28	14	5	2				
	F	289									1	3	10	15	28	23	33	40	58	44	21	11	2				





















184. Accidental injury by firearms.....	M	23	3	1	1	3	1	3	1	2	2	1	2	1	2	1	2	1	184
185. Accidental injury by cutting or piercing instruments.....	M	19	1	1	1	2	1	4	2	1	3	1	2	2	1	1	1	1	185
186. Accidental injury by fall, crushing or landslide.....	M	851	1	4	30	26	45	56	47	58	53	44	64	54	40	50	56	46	186
	F	470	2	2	8	13	10	6	10	7	11	14	3	14	27	35	55	64	2
188. Injuries by animals.....	M	27	4	1	1	1	2	1	3	3	3	3	3	1	3	2	3	1	188
	F	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
189. Hunger or thirst.....	M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	189
	F	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
190. Excessive cold.....	M	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	190
	F	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
191. Excessive heat.....	M	10	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	191
	F	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
192. Lightning.....	M	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	192
	F	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
193. Accidents due to electric currents.....	M	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	193
	F	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
194. Other accidents.....	M	84	4	1	3	2	4	9	3	6	4	6	5	4	5	3	6	4	194
	F	25	1	1	2	1	2	1	3	2	3	3	3	3	3	3	1	7	2
194A. Foreign body.....	M	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	194A
	F	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
194B. Others under this title.....	M	78	1	1	3	2	4	9	3	6	4	5	4	5	3	6	5	4	194B
	F	25	1	1	2	1	2	1	3	2	3	3	3	3	3	3	1	7	4
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown.....	M	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	195
	F	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Total</b> .....		133	18	14	4	8	2	8	1	2	1	4	5	2	12	10	11	6	9
	M	81	10	10	3	3	1	1	1	1	2	5	5	2	8	7	8	4	4
	F	52	8	4	1	5	1	8	1	1	2	2	3	2	4	3	3	2	5
199. Sudden death.....	M	53	5	1	1	1	1	1	1	1	1	1	1	1	6	7	8	4	3
	F	22	2	1	1	1	1	1	1	1	1	1	1	1	4	2	3	1	4
200. Causes of death not specified or ill-defined.....	M	28	5	10	2	3	1	4	1	1	1	1	1	1	2	1	1	1	1
	F	30	6	4	1	5	1	4	1	2	2	1	1	1	1	1	1	1	1

CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH



TABLE 38—CAUSES OF DEATH BY SEX AND AGE—TORONTO, 1934

CAUSES OF DEATH	Sex	AGES—YEARS																		100 to and over	Not stat- ed							
		Un- der 1		1	2	3	4	5	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64			65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99
		1	1	2	3	4	5	9	14	19	24	29	34	39	44	49	54	59	64			69	74	79	84	89	94	99
DEATHS—ALL CAUSES. Total.....	6266	517	69	23	22	25	76	59	75	97	126	133	185	257	375	457	472	595	615	706	607	418	250	84	20	2	1	
CLASS I.—INFECTIOUS AND PARASITIC DISEASES																												
1. Typhoid fever.....	M	3295	286	40	10	15	16	51	37	46	55	67	92	132	201	274	271	344	346	349	292	178	97	29	8	1	1	
7. Measles.....	F	2971	231	29	13	7	9	25	22	29	42	68	66	93	125	174	183	201	251	269	357	240	153	55	12	2	1	
8. Scarlet fever.....	M																											
9. Whooping-cough.....	F																											
11. Influenza.....	M	109	20	11	2	5	1	13	4	9	12	6	12	10	16	19	16	10	8	10	4	2	1	1	1	1	1	
11A. Sole cause.....	F	155	19	10	3	2	3	7	4	7	6	6	8	5	14	8	4	4	12	3	9	10	5	2	2	2	1	
11C. With pneumonia.....	M	4																										
11D. With other diseases of the respiratory system.....	F	1																										
11E. With intestinal complications.....	M	1																										
11F. With other causes.....	F	8																										
13. Dysentery.....	M	14																										
15. Erysipelas.....	F	1																										
16. Poliomyelitis and poliоencephalitis (acute).....	M	10	4	2																								
17. Lethargic or epidemic encephalitis.....	F	4																										
18. Epidemic cerebrospinal meningitis.....	M	11																										
22. Tetanus.....	F	3																										
23-32. Tuberculosis.....	M	88	1	1	3	2	2	1	4	9	4	9	4	9	12	8	7	5	4	3	1	1	1	1	1	1	1	
	F	55			2	3	3	1	5	4	3	3	4	2	8	3	1	2	6	2	4	3	2	2	2	2	2	



45-53. Cancer and other malignant tumours.....	M	461	1	1	2	1	1	6	1	7	2	23	34	39	50	72	83	61	42	23	10	2	1	45-53	
	F	478	1	2	1	2	1	5	10	10	21	31	46	59	56	62	47	62	40	17	12	2	1	45	
45. Cancer of the buccal cavity and pharynx.....	M	31												2	1	4	6	7	6	3				45	
	F	5												1	3	1									
46. Cancer of the digestive tract and peritoneum.....	M	274						3	1	3	1	10	22	26	35	41	49	34	23	15	8	2	1	46	
	F	183						1	3	8	9	9	20	15	29	18	37	22	11	5				46	
46A. Of the oesophagus.....	M	25						1	1	2	2	3	2	4	3	2	4	3	4	2	4			46A	
	F	11												2	2	5	2	5	2	4					
46B. Of the stomach and duodenum.....	M	103						1	1	1	1	7	14	13	15	18	12	8	4	6				46B	
	F	45											2	5	3	7	4	14	5	2	1				
46C. Of the rectum.....	M	42						1	1	1	3	2	1	5	4	6	8	4	5	1				46C	
	F	19											1	3	2	1	5	2	1						
46D. Of the liver and biliary ducts.....	M	20						1	3	2	1	3	2	1	5	3	3	3						46D	
	F	28											2	4	2	3	2	3	1	5	4	1			
46E. Of the pancreas.....	M	23						1	2	2	4	2	2	3	5	2	4	2	1	2				46E	
	F	12											1	5	1	1	5	2	2	2					
46F. Of the peritoneum.....	M	4						1	1	1				1	1	3								46F	
	F	1													1										
46G. Of other organs.....	M	57						1	2	3	2	3	2	5	6	13	9	7	6	1				46G	
	F	67							4	3	2	8	6	10	8	10	5	10	5	2					
47. Cancer of the respiratory organs.....	M	28						1	1	1	1	2	2	3	3	9	3	4	1	1				47	
	F	11											1	6	1	6	2	2	1	1					
47A. Of the larynx.....	M	12												2	1	4	1	3	1	1				47A	
	F	2												1	1	1	5	2	1	1					
47B. Of the lung.....	M	13							1	1	1	1	1	2	5	2	1	1	1	2				47B	
	F	7												1	6	1	1	1	1	1					
47C. Of the mediastinum.....	M	3						1	1	1				1	1									47C	
	F	1																							
47D. Of other organs of the respiratory system.....	F	1																						47D	
48. Cancer of the uterus.....	F	98						1	3	8	9	12	20	12	9	11	7	4	1	1				48	
48A. Of the uterus.....	F	51						1	1	5	3	4	10	5	4	8	6	2	1	1				48A	
48B. Of the cervix uteri.....	F	47							2	3	6	8	10	7	5	3	1	2						48B	
49. Cancer of other female genital organs.....	F	32							2	2	3	3	5	3	2	7	4							49	
50. Cancer of the breast.....	M	2												1	1	12	9	2	2	3				50	
	F	87							2	8	13	12	11	11	11	12	9	2	2	3				40	
51. Cancer of the male genito-urinary organs.....	M	65													5	10	13	11	9	5				51	
51A. Of the bladder.....	M	25												4	5	10	13	11	9	5				51A	
51B. Of the kidney.....	M	10												2	3	1	6	2	2	1				51B	
51C. Of the prostate gland.....	M	28												1	1	3	6	5	6	2				51C	
51D. Of the testicles and annexa.....	M	2																						51D	
52. Cancer of the skin.....	M	10													1	2	1	4	2	2				52	
	F	5													1	1	1	1	1	1					
53. Cancer of other or not specified organs.....	M	51						3	1	9	4	4	3	4	3	4	9	5	2	2				53	
	F	57						2	3	2	7	8	9	3	9	3	4	5	6	2	1			53B	
53B. Of the circulatory system.....	M	1																						53B	
53C. Of the glandular system.....	M	12												1	2	1	1	2	2					53C	
	F	17												1	5	2	1	1	2					53D	
53D. Of the female urinary organs.....	F	17												2	1	2	3	3	1	1				53D	
53E. Of the bones and joints.....	M	11												1	2	2	1	2	1	2				53E	
	F	19												3	2	2	1	2	1	1				53F	
53F. Of the brain.....	M	10												5	3	2	1	1	1	1				53F	
	F	13												3	1	3	2	1	1	1					



























































































TABLE 41—CAUSES OF DEATH BY SEX AND AGE—LONDON, 1934—Continued

CAUSES OF DEATH	Sex	Total	Un-der	AGES—YEARS																		100 to and over	Not stat- ed					
				1	2	3	4	5	10	15	20	25	30	35	40	45	50	55	60	65	70			75	80	85	90	95
				to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to			to	to	to	to	to
24. Tuberculosis of the meninges and central nervous system.	M	2	1																							24		
	F	2																										
25. Tuberculosis of the intestines and peritoneum.	M	1																										
	F	1	1																									
32. Disseminated tuberculosis.	M	2																										
32A. Acute.	M	2																										
32B. Chronic.	M	1																										
34. Syphilis.	M	1																										
	F	1																										
36. Purulent infection, septicaemia (non-puerperal).	M	3																										
	F	2																										
44. Other infectious or parasitic diseases.	M	1																										
44A. Chicken-pox.	F	1																										
	F	1																										
	F	1																										
	F	1																										
	F	1																										
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CLASS VIII. DISEASES OF THE RESPIRATORY SYSTEM		104	106	106B	107	107A	108	109	110	111	111A	112	114	114C	115	115A	115C	117	117A	117B	119
	Total	87	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M		46	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F		41	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M	104. Diseases of the nasal fossae and annexa	1																			
F	106. Rhinitis	1																			
F	106B. Chronic	1																			
M	107. Bronchopneumonia	19	2																		
F	2A	2																			
M	107A. Bronchopneumonia	16	2																		
F	16C	2																			
M	108. Lobar pneumonia	16	1																		
F	16L	1																			
M	109. Pneumonia, unspecified	5	1																		
F	5G	1																			
M	110. Pleurisy	10	1																		
F	10J	2																			
M	111. Congestion and haemorrhage in lobe of the lung, etc.	2																			
F	2K	2																			
M	111A. Pulmonary embolism and thrombosis	2																			
F	2L	2																			
M	112. Asthma	2																			
F	2M	2																			
M	114. Other diseases of the respiratory system (tuberculosis excepted)	1																			
F	1N	1																			
M	114C. Others under this title	1																			
F	1O	1																			
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																					
	Total	85	6	1	3	2	5	3	2	4	2	4	2	2	0	3	6	6	13	1	1
M		52	4	1	3	1	4	2	1	3	1	1	1	1	6	4	3	11	1	1	1
F		33	5	2	3	1	1	1	1	1	1	1	1	1	3	2	3	2	1	1	1
M	115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	3	1												1						
F	3A	2	1																		
M	115A. Diseases of the buccal cavity and annexa	2																			
F	2A	2																			
M	115C. Others under this title	1																			
F	1C	1																			
M	117. Ulcer of the stomach or duodenum	6													2				3		
F	6A	4													1				2		
M	117A. Ulcer of the stomach	4													1				1		
F	4A	2													1				1		
M	117B. Ulcer of the duodenum	2													1				2		
F	2A	2													1				1		
M	119. Diarrhoea and enteritis (under 2 years of age)	5	4												4				1		
F	5A	4	4												2				2		

































TABLE 42—CAUSES OF DEATH BY SEX AND AGE—WINDSOR, 1934—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																		100 to and over	Not stated						
			Un-der	1	2	3	4	5	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69			70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1
173. Homicide by firearms.....	F	1																										173
175. Homicide by other means.....	M	1																										175
176-198. Other violent deaths.....	M	30	1	1	1	1	1	1	3	3	2	1	3	1	1	1	1	2	1	5	2	1	2	1	2	1	1	176-198
179. Other acute accidental poisonings (except by gas).....	F	1																										179
181. Accidental burns (conflagration excepted).....	M	1																										181
183. Accidental drowning.....	M	2																										183
185. Accidental injury by cutting or piercing instruments.....	M	3	1						1																			185
186. Accidental injury by fall, crushing or landslide.....	M	1																										186
188. Injuries by animals.....	M	20							1	1	1	2	4	2	1	1	1	2	1	1	1	1	1	1	1	1	1	188
191. Excessive heat.....	F	10																										191
194. Other accidents.....	F	2																										194
194B. Others under this title.....	M	1																										194B
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown.....	M	1																										195

SPECIAL CLASSES OF ACCIDENTAL DEATHS  
(Included also under the numbers of the International List above)

WINDSOR, 1934

	B	C	D	E
B. Accidents caused by machines.....	1			
C. Railway accidents.....	1			
D. Street-car accidents.....	2	1		
E. Automobile and motorcycle accidents.....	10	2	1	1
	4	1	1	1



TABLE 43—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single					Married					Widowed	
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over		Age not stated
DEATHS—ALL CAUSES														
<b>Total</b> .....		<b>35119</b>	<b>5152</b>	<b>942</b>	<b>961</b>	<b>1257</b>	<b>2088</b>	<b>13</b>	<b>209</b>	<b>2364</b>	<b>5826</b>	<b>6968</b>	<b>6</b>	<b>9332</b>
M		18731	2946	558	631	787	999	12	38	1072	3420	4780	4	3484
F		16388	2206	384	330	470	1089	1	171	1292	2406	2188	2	5848
CLASS I.—INFECTIOUS AND PARASITIC DISEASES														
<b>Total</b> .....		<b>2680</b>	<b>612</b>	<b>258</b>	<b>237</b>	<b>96</b>	<b>77</b>	<b>1</b>	<b>49</b>	<b>392</b>	<b>404</b>	<b>211</b>		<b>343</b>
M		1425	320	118	143	73	27	1	7	196	260	143		137
F		1255	292	140	94	23	50		42	196	144	68		206
1. Typhoid fever.....	M	28	2	7	2		1		1	4	9	2		
F		19	3	3	1					3	7	1		1
2. Paratyphoid fever.....	M	1	1											
F		1												1
5. Undulant fever.....	M	3									1			2
7. Measles.....	M	3	3											
F		2	1											1
8. Scarlet fever.....	M	34	25	4	1					1	1	1		1
F		24	20	1						3				
9. Whooping-cough.....	M	90	88							1		1		
F		88	88											
10. Diphtheria.....	M	10	9							1	1			
F		13	11							1	1			
11. Influenza.....	M	275	54	8	9	9	13			16	50	64		52
F		305	54	6	8	5	28		5	21	32	37		109
11A. Sole cause.....	M	21	5	1							1	7		7
F		30	3		1	1	3			1	2			19
11B. With bronchitis.....	M	8	1							1		4		2
F		6								2	1			4
11C. With pneumonia.....	M	128	23	4	6	5	5			11	30	23		21
F		127	22	1	2	1	11		3	9	17	15		46
11D. With other diseases of the respiratory system	M	17	1	1		1	2				3	4		5
F		14	1	1						1	3	2		6
11E. With intestinal complications.....	M	23	9		1	1	3			2	2	2		3
F		30	8				3			2	5	5		7
11F. With other causes.....	M	78	15	2	2	2	3			2	14	24		14
F		95	18	4	5	3	11		2	6	6	13		27
13. Dysentery.....	M	33	19	1	1	2	2			1	1	3		4
F		24	8	2			2			1	2	5		4
15. Erysipelas.....	M	45	10			3	3			3	10	8		8
F		29	9				2			1	3	3		11
16. Poliomyelitis and polioencephalitis (acute).....	M	23	14	6	1	1				1				
F		16	10	3					1	2				
17. Lethargic or epidemic encephalitis.....	M	10	4		1	2					1	1		1
F		6		1	1				1	2				1
18. Epidemic cerebrospinal meningitis.....	M	7	4	1						1	1			
F		6	4							1	1			
22. Tetanus.....	M	14	6	2	1						2	3		
F		3	3											
23-32. Tuberculosis.....	M	720	52	83	124	47	5	1	6	158	142	49		53
F		617	54	119	80	17	13		32	145	81	19		57
23. Tuberculosis of the respiratory system.....	M	618	18	70	112	41	4	1	6	139	131	45		51
F		526	22	105	71	14	9		29	137	76	15		48
24. Tuberculosis of the meninges and central nervous system.....	M	35	22	5	2					5	1			
F		29	22	3					1	1		2		
25. Tuberculosis of the intestines and peritoneum.....	M	12	4	1	1					4	2			
F		23	4	6	3		1		1	3	2	1		2
26. Tuberculosis of the vertebral column.....	M	16	3	2	4	1				1	4			1
F		10			4	1	2			1	1	1		
27. Tuberculosis of the bones and joints (vertebral column excepted).....	M	7	1	2			1					3		
F		7		1	1	2	1							2

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934

Not stated	NATIVITY					MONTHS											
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
1	26098	6252	916	1673	180	3281	2964	3309	3049	3181	2718	2575	2660	2637	2957	2806	2982
...	13737	3320	459	1077	138	1720	1565	1715	1539	1701	1466	1415	1439	1399	1620	1518	1634
1	12361	2932	457	596	42	1561	1399	1594	1510	1480	1252	1160	1221	1238	1337	1288	1348
...	2039	379	65	190	7	305	214	279	252	267	173	180	196	207	213	193	201
...	1025	220	35	139	6	148	106	145	126	143	101	101	106	112	114	107	116
...	1014	159	30	51	1	157	108	134	126	124	72	79	90	95	99	86	85
...	23	2	1	2			2		3		2	1	5	5	3	4	3
...	15	2	1	1		1		1		1	2		2	6	1	3	2
...	1												1				2
...	2	1								1						1	5
...	3							1									2
...	2								2								7
...	32	1		1		3	4	7	5	2	3			1	3	3	2
...	24					2	6	2	3	3	1			1	1	3	2
...	88	1			1	2	8	10	8	6	9	10	11	6	5	8	9
...	88					7	7	4	8	9	10	11	7	10	2	5	3
...	9							2	1	1	1			2	1	1	10
...	13					4		1	1				2	2			1
...	217	47	5	6		60	28	31	26	23	21	9	6	10	17	15	29
...	242	48	8	7		71	45	40	28	24	11	10	12	11	20	14	19
...	15	6				2	1	6	2	2	1		1	1	2		3
...	25	4		1		11	2	1	5	1	1		1	2	3		4
...	5	3				3	1	2	1	1							1
...	5	4				3	3	1	1	1							1
...	99	22	3	4		29	16	14	13	12	12	1	2	4	6	6	13
...	106	15	2	4		31	18	21	12	13	4	4	3	1	8	5	7
...	13	2	1	1		4	3	1	2	1	1		1			2	2
...	8	6				3	3	4						3	1	1	1
...	22	1				1	1		2	2	4	1	1	1	6	2	2
...	24	5	1				4	4	4	2	2	1	3	3	5	3	2
...	63	13	1			21	6	8	6	5	3	7	1	2	3	5	11
...	74	14	5	2		23	18	9	7	8	4	5	5	4	3	5	4
...	29	2		2		1	2	2	2	2	1	1	7	8	5	1	13
...	20	1	3					1	1	1		1	3	10	7	2	2
...	33	9	1	2		3	5	10	6	5	2	1	1	3	2	2	5
...	24	5				6		4	6	4	1	1		1	3	2	1
...	20		3							1		1	7	7	7		16
...	16					1						1	4	3	4		3
...	9	1				3		1	1	1		2			1	1	1
...	6						1		1		1	1		1	1		
...	7						1	3	2	1							18
...	4	2				1		2				1				1	1
...	12	2				1		1			1		2		2	2	2
...	3										1	2					22
...	452	127	22	116	3	64	50	62	66	80	49	64	58	60	59	53	55
...	480	86	14	36	1	53	47	63	64	75	37	42	54	47	45	44	46
...	372	115	19	109	3	58	47	47	56	67	44	57	52	52	46	46	46
...	398	79	14	35		46	41	53	58	63	33	35	45	33	40	38	41
...	27	4		4		1		5	3	5	3	2		4	7	2	3
...	27	2				1	2	4	2	6	1	3	3	6			1
...	10	2					1	3	1	3		1	2		1		25
...	22	1				2	1	3		1	1	2	2	3	4	2	2
...	15		1			3	1	1	1	3	1		1	2	2	1	26
...	10							2	1	1	1	1	1	1		1	1
...	6			1				1								3	3
...	6	1				1			1	2	1			1			1

23-32

23

24

25

26

27

TABLE 43—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Single					Married					Wid-owed		
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over		Age not stated	
27A. Of bones	M	3					1							2	
	F	2			1	1									
27B. Of joints	M	4	1											1	
	F	5		2		1	1								2
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	M	1									1				
	F	1													1
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	M	5	1								2	2			
	F	3	1												2
30. Tuberculosis of the genito-urinary system	M	9		3	1						4	1			1
	F	5		3	1										
31. Tuberculosis of other organs	M	2		1							1				
	F	5													
32. Disseminated tuberculosis	M	17	3		4	5					2	1	1		1
	F	11	5							1	2	2			1
32A. Acute	M	9	2		3	1					1	1			1
	F	5	4										1		
32B. Chronic	M	3			1	1						1			
	F	2									1	1			
32C. Not specified	M	5	1			3					1	1			
	F	4	1							1					1
34. Syphilis	M	75	15	2	2	7	1			1	5	29	6		8
	F	41	11	1	3	1				2	6	8			9
35. Gonococcus infection and other venereal diseases	M	1	1												
	F	4	1	1							2				
36. Purulent infection, septicaemia (non-puerperal)	M	42	7	3	1	1	2				6	11	4		7
	F	43	7	3	1		3			1	7	8	3		10
43. Mycoses	M	3	1	1								1			
	F	3					1				1	1			
44. Other infectious or parasitic diseases	M	8	5			1							1		1
	F	11	8				1								2
44A. Chicken-pox	M	5	5												
	F	6	6												
44B. German measles	M	1													1
44C. Others under this title	M	2			1								1		
	F	5	2				1								2
CLASS II.—CANCER AND OTHER TUMOURS															
Total		4307	34	29	76	257	255			7	290	1157	1008		1194
	M	1993	20	18	33	120	106			2	87	515	684		408
	F	2314	14	11	43	137	149			5	203	642	324		786
45-53. Cancer and other malignant tumours	M	1885	15	14	27	107	100			2	81	496	654		389
	F	2149	11	7	38	133	145			4	165	594	306		746
45. Cancer of the buccal cavity and pharynx	M	146			2	15	7				2	35	42		43
	F	26				2	2				1	9	3		9
46. Cancer of the digestive tract and peritoneum	M	1121		3	14	70	63				46	310	388		227
	F	971	1	2	14	44	70				50	211	180		399
46A. Of the oesophagus	M	60		1	1	4	5				2	19	17		11
	F	32				1	2				2	5	5		17
46B. Of the stomach and duodenum	M	492			4	33	27				14	135	173		106
	F	326			3	16	15				10	68	72		142
46C. Of the rectum	M	131			4	9	7				4	36	48		23
	F	86			3	2	2				14	19	14		32
46D. Of the liver and biliary ducts	M	128				12	7				10	27	44		28
	F	171	1	1	3	5	13				4	34	38		72
46E. Of the pancreas	M	51				2	2				3	20	13		11
	F	35				1	2				2	12	7		13
46F. Of the peritoneum	M	6		1		1					1	3			
	F	2										1			1

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stated	NATIVITY					MONTHS															
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.				
			USA	Other																	
2				1				1									1	1	27A		
1		1				1				1											
4																	2	2	27B		
5									1	1	1			1				1			
1								1											28		
1													1								
4	1						1		1			1	1					1	29		
3							1							2							
5	2	1	1		1			2	1	1				1		1			2	30	
2	3						1			1					1	1			1		
1				1					1	1										31	
12	3		1	1		1			2	3	1	1	3	1	2	2	1			32	
10					1	3		1		1	1		1	2			2			32	
7	1	1				1				3			1	1	1	2				32A	
4					1	1							1	1				2		32A	
2	1										1		2							32B	
2						1					1									32B	
3	1			1					2			1						1		32C	
4						1		1		1				1						32C	
4						1		1		1				1						32C	
50	14	2	8	1	1	6	2	8	2	9	7	3	6	5	7	13	7			34	
32	4	1	4			5	2	6	6	2	1	3	2	1	6	5	2			34	
1							2								1					35	
3	1											1				1				35	
29	10	1	2			4	4	6	4	7	6	4	2	1	1	2				36	
32	6	3	2			5	2	5	5	4	1	4	4	3	1	5				36	
2	1									3										43	
	2		1					1				1								43	
6	2					1		1		1		3						1		44	
9	2					1	1	1	2	1	2					1		1		44	
5								1				3						1		44A	
6								1	1	1								1		44A	
	1					1				1										44B	
1	1									1										44B	
3	2					1			1			2				1				44C	
2873	1093	121	206	14	345	314	399	377	350	367	347	358	332	391	364	363					
1262	548	52	123	8	164	153	188	175	148	158	168	171	151	192	162	163					
1611	545	69	83	6	181	161	211	202	202	209	179	187	181	199	202	200					
1189	526	48	114	8	154	141	176	171	139	148	162	165	144	184	150	151				45-53	
1491	513	64	76	5	169	147	195	180	183	194	169	178	171	188	187	188					
93	40	8	5		13	6	12	17	11	16	7	9	6	19	16	14				45	
21	5				4	3	3	2	3	3	2		1	1	2	2				45	
672	341	25	78	5	90	91	115	105	88	82	102	101	84	102	84	77				46	
659	241	26	42	3	76	59	94	83	86	91	70	77	73	92	86	84				46	
30	23	3	4		3	4	4	7	5	4	4	4	4	8	6	7				46A	
22	8		2		3	3	2	3	2	2	5		3	5	1	3				46A	
288	151	4	47	2	44	33	51	47	42	35	43	43	35	51	36	32				46B	
214	86	4	22		28	20	27	35	33	30	21	21	23	26	35	27				46B	
72	49	2	7	1	9	14	14	17	7	9	12	10	9	11	11	8				46C	
59	23	2	2		7	3	11	6	6	7	5	8	8	11	5	9				46C	
84	33	5	5	1	8	13	16	8	7	15	12	12	11	11	9	6				46D	
127	36	3	5		12	7	18	11	11	15	13	28	10	17	15	14				46D	
32	14	2	3			5	3	2	4	4	5	5	5	5	4	2				46E	
19	12	3	1		2	2	3	9	3	3	3	3	2	4	4	7				46E	
2	2		2					1													46F
1	1										1	1	2		1						46F

TABLE 43—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	
			Single					Married						
			Under 15	15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed
46G. Of other organs.....	M	253		1	5	9	15			12	70	93		48
	F	319		1	5	19	38			18	72	44		122
47. Cancer of the respiratory organs.....	M	72		1		5	3			1	3	18		10
	F	42			1	3	2		1	3	12	6		14
47A. Of the larynx.....	M	17				1	1				5	6		5
	F	9				3	2			1	1	2		5
47B. Of the lung.....	M	44		1		3	2			1	21	11		7
	F	23				3	1			2	3	2		7
47C. Of the mediastinum.....	M	7				1				1	3			1
	F	5								1	2	1		1
47D. Of other organs of the respiratory system.....	M	4								1	2	1		1
	F	5			1		1				1	1		1
48. Cancer of the uterus.....	F	374			1	16	13			57	131	45		111
48A. Of the uterus.....	F	240				11	12			29	74	33		81
48B. Of the cervix uteri.....	F	134			1	5	1			28	57	12		30
49. Cancer of other female genital organs.....	F	116		2	3	14	10		1	11	33	11		31
50. Cancer of the breast.....	M	5								1	2			
	F	396			8	39	30			28	140	42		109
51. Cancer of the male genito-urinary organs.....	M	320	5	1	4	10	15			10	70	139		66
51A. Of the bladder.....	M	105				3	5			2	26	48		21
51B. Of the kidney.....	M	43	5		4	2	1			3	16	6		6
51C. Of the prostate gland.....	M	159				5	9			1	25	82		37
51D. Of the testicles and an- nexa.....	M	10		1						4	3	1		1
51E. Of other male genito- urinary organs.....	M	3										2		1
52. Cancer of the skin.....	M	56	1			2	7		1		5	25		15
	F	28				1	3				4	6		14
53. Cancer of other or not specified organs.....	M	165	9	9	7	5	5			19	43	40		28
	F	196	10	3	11	14	15		3	14	54	13		59
53A. Of the eye and orbit.....	M	5				1						3		1
53B. Of the circulatory system.....	M	2										2		
	F	1												1
53C. Of the glandular system.....	M	41	1	2		1	3			1	9	17		7
	F	30			2	3	3			2	11	1		8
53D. Of the female urinary organs.....	F	61	6			5	7			1	12	7		23
53E. Of the bones and joints.....	M	33	1	3	3		1			4	7	6		8
	F	21		1	2	2			1	3	5	2		5
53F. Of the brain.....	M	38	5	2	3	2				11	13	1		1
	F	30	2	2	3	3			1	5	10			4
53G. Of the spine and spinal cord.....	M	11	1			1					5	2		3
	F	2	1											
53H. Of the neck.....	M	8								1	1	1		5
	F	8			1		1				2			4
53I. Of the abdomen.....	M	6		2			1			1	2			
	F	23	1		2		3			2	8	1		6
53J. Of other specified organs.....	M	12			1					1	5	4		1
	F	9			1		1		1	2	1			2
53K. Multiple cancer.....	M	5	1								1	2		1
	F	10									4	1		5
53M. Of unspecified or un- known location.....	M	4				1				1	1			1
	F	1												1
54. Non-malignant tumours.....	M	93	5	4	6	12	6			4	13	28		15
	F	153	3	2	5	4	3		1	36	47	17		35
54A. Of the ovary.....	F	28		2	2	2				8	5	3		6
54B. Of the uterus.....	F	43			3	1	1		1	15	16	1		5
54D. Of the brain.....	M	31	5	2	4	4	2			3	5	4		2
	F	29	2	2		1				8	8	2		6
54E. Of the thyroid gland.....	M	9		1	1						1	4		2
	F	39								3	14	10		12
54F. Of the prostate gland.....	M	33				2	3				3	16		9
54G. Of other or unspecified sites.....	M	20		1	1	6	1			1	4	4		2
	F	14	1							2	4	1		6
55. Tumours, nature not spec- ified.....	M	15				1				2	6	2		4
	F	12		2			1			2	1	1		5
55B. Of the uterus.....	F	1												1
55D. Of the brain.....	M	10								2	6	1		1
	F	6		2						2	1			1
55G. Of other or unspecified sites.....	M	5				1						1		3
	F	5					1					1		3







DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stat- ed	NATIVITY					MONTHS											
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
	730	141	18	46	2	74	81	88	80	93	85	56	74	73	71	82	80
.....	298	53	6	19	1	29	30	42	36	42	34	21	30	23	24	30	36
.....	432	88	12	27	1	45	51	46	44	51	51	35	44	50	47	52	44
.....	28	1	.....	1	.....	1	2	.....	4	6	5	1	4	2	.....	3	2
.....	22	2	1	1	.....	2	.....	2	3	4	2	1	3	5	1	1	2
.....	12	2	.....	2	.....	2	.....	6	6	2	3	2	2	.....	.....	.....	1
.....	28	6	.....	.....	.....	2	4	6	1	5	2	2	1	4	3	.....	2
.....	153	43	5	10	1	18	10	21	19	26	20	10	14	14	14	18	25
.....	224	63	8	15	.....	22	30	27	24	23	30	25	18	27	27	25	32
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	62
.....	12	.....	.....	.....	.....	1	.....	1	2	2	1	1	1	.....	.....	.....	1
.....	5	.....	.....	.....	.....	1	.....	.....	1	2	.....	.....	1	.....	.....	.....	63
.....	1	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	64
.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	65
.....	25	6	.....	3	.....	2	3	9	1	4	.....	1	5	1	2	2	4
.....	98	13	1	8	.....	13	8	8	10	16	8	5	15	11	9	13	4
.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	66A
.....	10	.....	.....	.....	.....	2	2	.....	.....	1	2	1	.....	.....	.....	.....	.....
.....	19	6	.....	3	.....	1	3	7	1	4	.....	1	4	2	2	2	3
.....	85	12	1	7	.....	11	6	8	9	16	7	3	13	10	8	11	3
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	66C
.....	3	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....	66D
.....	2	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1	.....	1	.....	.....
.....	45	.....	.....	.....	.....	4	3	8	3	3	4	2	1	3	5	6	3
.....	24	.....	.....	.....	.....	2	4	3	1	1	3	.....	1	1	1	5	2
.....	7	.....	.....	.....	.....	2	2	2	1	.....	1	.....	.....	.....	1	.....	68
.....	4	1	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1
.....	14	1	1	2	.....	1	1	1	.....	4	2	2	3	2	1	1	69
.....	24	3	2	2	1	3	3	.....	2	2	3	2	4	3	5	4	1
.....	6	1	.....	1	.....	1	.....	.....	.....	1	2	2	1	1	.....	.....	69A
.....	7	1	.....	.....	.....	1	1	.....	.....	1	1	1	.....	1	1	2	.....
.....	8	.....	1	1	.....	1	1	1	.....	3	.....	.....	2	1	1	1	69C
.....	17	2	2	2	.....	2	2	.....	2	1	2	1	4	2	4	2	1
.....	375	79	13	18	1	36	39	57	50	45	42	37	31	39	41	33	36
.....	182	35	8	11	.....	17	23	26	27	17	17	21	15	17	20	17	19
.....	193	44	5	7	1	19	16	31	23	28	25	16	16	22	21	16	17
.....	5	1	.....	1	.....	.....	.....	1	2	.....	.....	1	1	.....	.....	1	1
.....	13	1	.....	.....	.....	2	.....	1	1	1	2	.....	1	2	2	2	.....
.....	5	1	.....	1	.....	.....	.....	1	2	.....	.....	1	1	.....	.....	1	70A
.....	9	1	.....	.....	.....	1	.....	1	1	1	.....	.....	.....	2	2	2	.....
.....	4	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	2	.....	.....	70B
.....	118	18	5	7	.....	10	13	18	20	11	12	11	9	13	13	9	9
.....	132	26	2	3	.....	12	10	23	15	20	16	12	10	13	10	8	14
.....	106	15	3	6	.....	9	11	17	18	9	12	9	8	12	11	7	7
.....	110	23	2	3	.....	8	9	18	15	17	15	9	8	10	9	7	13
.....	12	3	2	1	.....	1	2	1	2	2	.....	2	1	1	2	2	2
.....	22	3	.....	.....	.....	4	1	5	.....	3	1	3	2	3	1	1	1
.....	57	14	3	3	.....	7	10	6	5	6	4	8	5	4	7	7	8
.....	45	14	2	3	1	4	6	6	6	6	4	4	4	7	8	5	3
.....	48	9	3	2	.....	7	10	3	2	4	3	7	5	3	5	7	6
.....	34	11	2	1	1	3	4	5	5	4	5	3	2	6	6	3	3
.....	9	5	.....	.....	.....	.....	.....	3	3	2	1	1	.....	1	2	.....	72B
.....	11	3	.....	2	.....	1	2	1	1	2	1	1	2	1	2	2	.....



DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stat- ed	NATIVITY					MONTHS												
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
	2	2						1			1	1					1	73
	2	3		1	1			1	1					1		1	1	
	1			1						1	1							74
	40	11	1	1	3	2	4	2	5	6	5	4	7	7	4	4	9	
	30	11	1	4	2	2	3	2	4	4	2	3	6	6	4	4	8	
	10			1	1		1			3	1	1	1	1		1	1	
	24	11		4	1	2	2	2	3	4	2	3	4	5	3	3	7	75
	6								1	2		1	1	1				75A
	24	10		4	1	2	2	2	3	4	2	3	4	5	3	2	7	75B
	6								1	2		1	1	1				75B
	2		1				1						1		1			76
	1		1										1					76A
	1						1								1			76B
	4				1				1				1	1		1	1	77
	4				1		1				3						1	77
	3				1								1	1		1	1	77A
	2			1							2						1	77B
	1								1		1							77C
	2						1											77C
	1682	362	61	108	14	203	218	197	187	217	160	167	137	162	200	175	204	
	817	183	29	57	11	98	115	99	96	103	84	79	69	72	101	85	96	
	865	179	32	51	3	105	103	98	91	114	76	88	68	90	99	90	108	
	22		1	3		2	1		1	5	3	3	2	2	2	3	2	78
	23	3					1	1	5	2	3	5	2	2	1	2	2	
	28	4		4		1	6	3	4	4	2	4		2	4	5	1	79
	25	1	1	1		2	1	6	1	3	4	1	1	4	2	2	1	
	15	3		2		1	3	1	2	3	1		1	2	2	2	2	80
	3	1	1				1	1	1		1				1			
	30	17	3		1	8	4	5	3	5	3	3	2	3	7	2	6	81
	29	8	2	3		4	7	3	3	6	1	3	1	6	4	1	3	
	430	95	12	25	4	44	57	56	49	53	45	40	34	36	58	47	47	82
	495	116	21	30	1	66	62	55	52	60	42	48	44	58	65	50	61	
	343	79	11	17	4	37	43	48	38	42	35	34	30	30	44	34	39	82A
	393	88	17	21	1	51	49	41	43	49	35	35	34	41	52	39	51	
	27	8	1	2		2	2	3	4	3	6	2	1		7	5	3	82B
	45	9	2	5		5	5	3	4	4	2	6	4	12	7	6	3	
	7							2	2					1	1	2	1	82C
	4	4					1	1	1	2		1		1		1		
	53	6		6		5	12	3	5	8	4	4	3	5	6	6	4	82D
	53	15	2	4		10	7	10	4	5	5	6	6	4	6	4	7	
	25	11	3	7	2	5	6	5	4	5	3	3	3	2	6	3	3	83
	10	4		3		1	2	2	1	1		3	1		1	1	4	





TABLE 43—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Single					Married					Wid-owed			
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over		Age not stated		
93c. Chronic myocarditis and myocardial degeneration.....	M	977	2	3	5	43	96					17	164	336		311
	F	1046		2	6	25	113					29	117	194		560
93d. Myocarditis, unspecified, 45 years and over.....	M	214				5	16						35	89		69
	F	276				8	37						19	50	1	161
94. Diseases of the coronary arteries and angina pectoris.....	M	1685		2	20	81	82	1	1	70	566	564	165	1	297	
	F	794		1	9	26	66			12	153	165		1	361	
94A. Diseases of the coronary arteries.....	M	74				3	5			1	23	32			15	
	F	35			2		2			2	6	8			15	
94B. Embolism and thrombosis of coronary arteries.....	M	1227		2	16	64	60		1	56	444	378		1	205	
	F	583		1	3	23	48			9	109	114			276	
94c. Angina pectoris.....	M	379			4	14	17	1		13	99	154			77	
	F	176			4	3	16			1	38	43		1	70	
95. Other diseases of the heart.....	M	305	2	4	2	17	24			8	55	110			83	
	F	260	2	2		8	25			13	39	52			119	
95A. Functional diseases of the heart.....	M	32				1	1				9	16			5	
	F	42				1	5			1	6	12			17	
95B. Other and unspecified..	M	273	2	4	2	16	23			8	46	94			78	
	F	218	2	2		7	20			12	33	40			102	
96. Aneurysm (except of the heart).....	M	47	1			6	3			4	18	9			6	
	F	10		2						1	3	1			3	
97. Arteriosclerosis (of coronary arteries excepted).....	M	1625			4	31	162			6	176	697		1	548	
	F	1574				31	162			8	120	299			953	
98. Gangrene.....	M	62	1		1	1	7				4	25			23	
	F	41	1	1		1	7				1	5			25	
99. Other diseases of the arteries.....	M	39					7			4	5	14			9	
	F	18			2		1			3	2	4			6	
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.).....	M	12				2				2	6	1			1	
	F	21			1	1	3				8	3			5	
101. Diseases of the lymphatic system (lymphangitis, etc.).....	M	5	4												1	
	F	4	2								2					
102. Idiopathic abnormalities of blood pressure.....	M	191			1	5	12			11	55	68			39	
	F	289			1	6	18			12	73	48			131	
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																
<b>Total.....</b>			2770	637	50	68	108	146	1	7	164	374	470		745	
	M	1445	350	22	39	71	66	1	2	81	231	301		281		
	F	1325	287	28	29	37	80		5	83	143	169		464		
104. Diseases of the nasal fossae and annexa...	M	17	8	1	1	1				2	1	1		2		
	F	20	6	2	1	1				2	5			3		
105. Diseases of the larynx...	M	15	11			1				1		2				
	F	11	10									1				
105A. Croup.....	M	4	4									1				
	F	7	6													
105B. Other diseases of the larynx.....	M	11	7			1				1		2				
	F	4	4													
106. Bronchitis.....	M	50	9		1		5			2	5	14		14		
	F	72	18	2	1		7			1	1	7		35		
106A. Acute.....	M	25	8				4			1		6		6		
	F	39	16				2					4		17		
106B. Chronic.....	M	25	1		1		1			1	5	8		8		
	F	29	2	2	1		5			1	1	3		14		
106c. Unspecified.....	M	4												4		
	F	532	196	5	7	20	22			16	51	111		104		
107. Bronchopneumonia.....	M	532	155	6	8	9	34			3	20	46		183		



DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stated	NATIVITY					MONTHS											
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
665	223	22	57	10	103	95	88	82	105	74	67	85	53	76	73	76	93C
713	241	46	43	3	120	92	94	114	99	75	72	80	73	72	86	69	
141	53	4	12	4	31	20	23	17	12	17	14	12	12	16	24	16	93D
191	63	8	14	...	27	29	33	34	19	24	11	16	11	19	33	20	
1118	393	56	111	7	157	163	156	134	142	110	110	115	132	127	156	183	94
573	168	23	30	...	78	76	86	65	77	49	67	44	48	59	75	75	
47	22	2	7	1	8	8	7	3	7	9	3	3	7	8	5	11	94A
26	6	2	1	...	2	1	2	5	6	...	5	3	3	4	4	2	
791	300	40	90	6	105	114	113	91	107	71	80	88	101	96	120	141	94B
405	139	14	25	...	55	56	60	46	55	41	46	34	36	41	51	62	
280	71	14	14	...	44	41	36	40	28	30	27	24	24	23	31	31	94C
142	23	7	4	...	21	19	24	14	16	8	16	7	11	14	15	11	
221	62	3	19	...	37	15	27	14	27	25	19	23	23	29	32	34	95
184	50	8	16	2	26	18	24	25	20	13	19	20	18	20	26	31	
19	8	1	4	...	7	4	1	1	3	3	1	3	4	3	...	2	95A
28	10	3	1	...	4	7	3	5	4	1	1	3	2	1	5	6	
202	54	2	15	...	30	11	26	13	24	22	18	20	19	26	32	32	95B
156	40	5	15	2	22	11	21	20	16	12	18	17	16	19	21	25	
30	12	2	2	1	2	2	6	4	7	5	3	4	1	6	3	4	96
6	...	...	...	...	2	...	...	1	1	...	1	1	...	1	...	1	
1224	314	32	49	6	152	162	147	131	152	125	120	106	95	148	132	155	97
1132	350	37	50	5	165	156	140	153	139	117	105	117	105	116	111	150	
51	7	...	4	...	3	7	5	5	7	3	6	7	3	3	7	6	98
27	11	2	...	1	2	4	4	7	5	2	3	6	2	5	1	...	
24	13	1	1	...	3	2	6	6	1	5	2	...	3	3	8	...	99
13	3	...	2	...	...	...	5	...	3	1	1	...	3	3	...	2	
5	5	1	1	...	1	...	1	2	2	1	...	3	...	1	1	...	100
16	4	1	...	...	1	1	2	1	3	1	1	1	...	4	2	4	
5	...	...	...	...	...	...	...	1	1	...	1	1	...	1	1	...	101
2	1	1	...	...	1	...	...	1	...	...	...	...	1	...	...	...	
151	30	3	7	...	13	18	20	18	22	14	5	19	18	15	9	20	102
220	50	6	11	2	20	28	22	17	34	24	20	26	18	22	24	34	
2090	480	66	118	16	392	299	346	263	264	196	125	117	119	207	207	235	
1058	254	39	80	14	198	170	174	128	140	94	65	55	59	114	131	117	
1032	226	27	38	2	194	129	172	135	124	102	60	62	60	93	76	118	
15	1	1	...	...	2	2	2	1	3	1	...	...	1	3	1	1	104
18	2	...	...	...	4	2	5	...	1	1	...	...	...	2	3	1	
13	2	...	...	...	1	4	3	...	2	...	...	...	...	...	3	2	105
11	...	...	...	...	1	1	1	...	2	1	...	...	...	...	...	3	
4	...	...	...	...	1	1	1	...	...	...	...	...	...	...	1	1	105A
7	...	...	...	...	1	1	...	...	2	1	...	...	...	1	...	1	
9	2	...	...	...	1	3	2	...	2	...	...	...	...	...	2	1	105B
4	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	2	
33	13	...	3	1	8	7	4	5	1	2	3	...	5	3	6	6	106
59	10	1	2	...	11	5	11	10	8	5	3	1	2	7	4	5	
20	4	...	...	1	2	3	3	3	1	2	...	...	2	2	3	4	106A
31	7	...	1	...	4	4	9	6	5	...	1	...	2	4	1	3	
13	9	...	3	...	6	4	1	2	...	...	3	...	3	1	3	2	106B
26	2	1	...	...	5	1	1	4	3	4	2	1	...	3	3	2	
2	1	...	1	...	2	...	1	...	...	1	...	...	...	...	...	...	106C
410	87	12	18	5	67	68	60	53	47	36	24	20	19	41	53	44	107
407	92	12	14	...	56	43	69	58	48	53	25	31	24	39	31	48	

TABLE 43—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Single					Married					Widowed			
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over		Age not stated		
107A. Bronchopneumonia...	M	531	196	5	7	20	22	.....	.....	.....	.....	15	51	.....	.....	104
	F	524	154	6	8	9	34	.....	.....	.....	3	20	46	61	.....	183
107B. Capillary bronchitis...	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
108. Lobar pneumonia.....	M	415	53	10	16	33	15	.....	.....	.....	2	42	82	93	.....	69
	F	342	36	11	12	18	20	.....	.....	.....	1	46	52	49	.....	97
109. Pneumonia, unspecified.	M	150	47	2	3	5	12	.....	.....	.....	.....	5	20	23	.....	33
	F	181	51	3	3	5	11	.....	.....	.....	1	4	12	27	.....	68
110. Pleurisy.....	M	64	16	1	3	2	1	.....	.....	.....	.....	7	15	10	.....	9
	F	25	3	2	2	1	2	.....	.....	.....	.....	2	3	4	.....	6
111. Congestion and haemorrhagic infarct of the lung, etc.....	M	47	1	.....	1	1	5	.....	.....	.....	.....	2	5	12	.....	20
	F	62	5	.....	1	1	3	.....	.....	.....	.....	1	6	8	.....	37
111A. Pulmonary embolism and thrombosis.....	M	4	.....	.....	.....	.....	1	.....	.....	.....	.....	2	1	.....	.....	.....
	F	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
111B. Others under this title	M	43	1	.....	1	1	4	.....	.....	.....	.....	1	4	12	.....	20
	F	58	4	.....	1	1	3	.....	.....	.....	.....	1	3	8	.....	37
112. Asthma.....	M	114	4	1	4	8	3	.....	.....	.....	.....	2	34	31	.....	24
	F	69	2	.....	3	3	.....	.....	.....	.....	.....	3	15	10	.....	33
113. Pulmonary emphysema	M	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	2
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
114. Other diseases of the respiratory system (tuberculosis excepted)...	M	34	5	2	3	.....	1	.....	.....	.....	.....	2	16	1	.....	4
	F	17	3	2	1	1	.....	.....	.....	.....	.....	4	3	2	.....	1
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system.....	M	13	1	.....	1	.....	1	.....	.....	.....	.....	.....	8	.....	.....	2
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
114B. Gangrene of the lung...	M	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
114C. Others under this title	M	19	4	2	2	.....	.....	.....	.....	.....	.....	.....	6	1	.....	2
	F	15	2	1	1	.....	.....	.....	.....	.....	.....	.....	3	2	.....	1
<b>CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM</b>																
<b>Total.....</b>		2509	803	117	88	73	68	1	23	225	433	312	.....	.....	366	
	M	1418	463	81	67	48	35	1	3	112	259	210	.....	.....	139	
	F	1091	340	36	21	25	33	.....	20	113	174	102	.....	.....	227	
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations).....	M	96	21	12	9	2	2	.....	.....	.....	15	21	8	.....	6	
	F	72	16	10	1	5	3	.....	5	13	9	2	.....	8		
115A. Diseases of the buccal cavity and annexa...	M	34	2	4	3	1	1	.....	.....	.....	4	8	6	.....	5	
	F	14	1	2	.....	1	1	.....	.....	.....	3	2	1	.....	2	
115B. Diseases of the tonsils.	M	15	5	2	.....	.....	.....	.....	.....	.....	4	3	1	.....	2	
	F	20	7	1	2	1	.....	.....	.....	.....	3	3	.....	.....	.....	
115C. Others under this title.	M	47	14	6	6	1	1	.....	.....	.....	7	10	1	.....	1	
	F	38	8	8	.....	2	1	.....	3	7	4	1	.....	4		
116. Diseases of the oesophagus.....	M	7	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2	
	F	6	.....	.....	.....	1	.....	.....	.....	.....	.....	2	1	.....	2	
117. Ulcer of the stomach or duodenum.....	M	184	.....	6	12	13	5	.....	1	26	63	39	.....	.....	19	
	F	48	1	1	3	4	3	.....	1	5	11	5	.....	.....	14	
117A. Ulcer of the stomach.	M	86	.....	2	6	3	5	.....	1	8	30	19	.....	.....	12	
	F	32	1	1	2	3	1	.....	1	5	6	2	.....	.....	10	
117B. Ulcer of the duodenum	M	98	.....	4	6	10	.....	.....	.....	18	33	20	.....	.....	7	
	F	16	.....	.....	1	1	2	.....	.....	.....	5	3	.....	.....	4	
118. Other diseases of the stomach.....	M	47	15	.....	1	.....	3	.....	.....	1	8	12	.....	.....	7	
	F	33	10	.....	.....	2	1	.....	1	.....	5	3	.....	.....	11	
119. Diarrhoea and enteritis (under 2 years of age)	M	279	279	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
	F	230	230	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
120. Diarrhoea and enteritis (2 years and over)....	M	90	30	1	3	5	3	.....	.....	7	7	17	.....	.....	17	
	F	83	20	4	1	1	5	.....	1	5	7	10	.....	.....	29	

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stat- ed	NATIVITY					MONTHS											
	Cana- da	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
409	87	12	18	5	67	68	60	53	47	36	24	20	19	41	53	43	107A
406	92	12	14		56	43	69	57	48	53	25	31	24	39	31	48	
1																	107B
293	78	13	28	3	62	41	62	36	46	24	13	12	15	39	42	23	108
263	61	9	9		56	35	50	34	38	19	12	10	16	23	18	31	
121	20	2	4	3	24	21	17	13	17	5	7	7	6	3	11	19	109
153	19	4	3	2	45	22	17	18	12	12	6	8	6	10	14	11	
45	11	4	4		8	5	7	6	8	6	5		3	4	5	7	110
20	3		2		2	7	1	1	4		4	1		1		3	
33	12	1	1		6	7	5	9	2	3	3	3	3	3	1	2	111
42	16		4		6	5	9		4	5	3	5	5	6		9	
4						1		1			1	1					111A
1	2		1					1	1	1		1					
29	12	1	1		6	6	5	8	2	3	2	2	3	3	1	2	111B
41	14				6	5	9	3	3	4	3	4	5	6	7	6	
74	22	3	13	2	14	11	12	3	10	16	5	8	4	14	7	10	112
47	19		3		10	7	7	8	8	4	5	5	4	3	4	4	
5	1	1			2		1		2		1						113
1						1											
16	7	2	9		4	4	1	1	2	1	4	5	3	4	2	3	114
11	4	1	1		3	1	2	1		2	1	1	1		2	3	
4	3	2	4		2	3			1		2	1	1	3			114A
2			2		1							1		1			114B
12	4		3		2	1	1	1	1	1	2	3	2		2	3	114C
9	4	1	1		2	1	2	1		2	1		1		2	3	
1964	357	60	122	6	184	151	204	186	187	167	190	265	335	288	182	176	
1111	194	24	83	6	103	81	121	104	95	97	111	139	187	169	110	101	
853	163	36	39		81	70	83	82	92	76	79	126	148	116	72	69	
74	15	1	5	1	11	4	14	8	3	7	9	6	15	9	5	5	115
55	9	5	3		7	7	5	7	8	4	6	3	3	4	7	11	
24	5	1	3	1	3	2	2	5	1	1	1	1	9	3	2	4	115A
7	4	1	2		2	2		1	1	1		1	1	1	3	1	
12	3						3		1	1		3	1	2	3	1	115B
16	1	2	1		1	3	2	1	1	2	3	1	1	2	2	1	
38	7		2		8	2	9	3	1	5	8	2	5	4			115C
32	4	2			4	2	3	5	6	1	3	1	1	1	2	9	
6	1						1	1	1	1	1	1	2				116
3	2	1				1			1		1		1		1		
100	55	4	24	1	15	11	27	17	11	16	13	11	8	21	15	19	117
30	15	2	1		6	3	3	3	5	3	6	4	5	2	6	2	
48	26	1	11		8	7	10	8	7	5	5	7	4	10	7	8	117A
21	10		1		1	3	2	3	4	2	5	2	3	1	4	2	
52	29	3	13	1	7	4	17	9	4	11	8	4	4	11	8	11	117B
9	5	2			5		1		1	1	1	2	2	1	2		
40	5	2			4	2	5	8	7	3	3	4	1	4	5	1	118
27	5		1		1	2	4	1	2	1		9	4	4	1	4	
278				1	10	16	11	7	11	12	11	40	80	53	13	12	119
228		2			10	1	13	14	8	10	11	42	66	38	12	5	
72	10	3	5		5	2	4	4	4	3	7	13	18	19	8	3	120
61	17	1	4		8	3	3	3	4	4	4	10	18	14	8	4	

TABLE 43—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											Wid- owed	
			Under 15	Single					Married						
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over	Age not stat- ed		
120A. Diarrhoea and enteritis	M	65	27	1	2	3							2	15	15
	F	66	20	1	1	4					1	5	10	10	24
120B. Ulceration of the intestines	M	25	3		3	3					7	5	2		2
	F	17		3	1	1				1	4	2			5
121. Appendicitis	M	285	63	45	24	7	3	1		2	42	66	22		10
	F	170	46	14	7	3	3			8	42	26	6		15
122. Hernia, intestinal obstruction	M	229	39	12	7	9	8				10	47	54		43
	F	156	9	6	5	2	10			2	14	37	25		40
122A. Hernia	M	102	8	5	2	4	8				4	20	29		22
	F	54	1	1	1	1	3			1	4	17	10		16
122B. Intestinal obstruction	M	127	31	7	5	5					6	27	25		21
	F	96	8	5	4	2	7			1	10	20	15		24
123. Other diseases of the intestines	M	26	3	1	2		1				1	5	5		8
	F	17	2	1		1	1				2	4	2		4
124. Cirrhosis of the liver	M	70		2	4	7	3				3	15	25		11
	F	52	1		1	1	1				5	18	6		19
124A. Specified as alcoholic	M	7				1					1	2	1		2
124B. Not specified as alcoholic	M	63		2	4	6	3				2	13	24		9
	F	52	1		1	1	1				5	18	6		19
125. Other diseases of the liver	M	14	1		1	2					4	4	1		1
	F	21	3		1	1	1			1	2	3	1		8
125A. Yellow atrophy of the liver	M	2				1					1				
	F	3	1								1	1			
125B. Other diseases of the liver	M	12	1		1	1	1				3	4	1		1
	F	18	2		1	1	1			1	1	2	1		8
126. Biliary calculi	M	22			1		1				1	7	8		4
	F	76					2				6	25	13		30
127. Other diseases of the gall-bladder and biliary passages	M	49		2	2	3				1	1	15	15		10
	F	117		2	2	3					14	24	27		45
128. Diseases of the pancreas	M	2				1							1		
	F	11	1								3	3	1		1
129. Peritonitis, cause not specified	M	18	8	2	1	2	1					1	2		1
	F	5	1							1	2				1
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM															
<b>Total</b>			2368	52	41	44	88	158		7	154	413	694		717
			M	1427	25	18	28	59	100		2	53	247	536	359
			F	941	27	23	16	29	58		5	101	166	158	358
130. Acute nephritis (including unspecified, under 10 years of age)	M	47	12	3		2				1	4	7	9		9
	F	34	12	3		1	2				4	7	1		4
131. Chronic nephritis	M	745	7	12	20	36	54			1	39	164	243		169
	F	647	6	17	9	24	43				51	119	112		266
132. Nephritis, unspecified (10 years and over)	M	124		1	4	4	7				3	18	48		39
	F	103	1	1	1	1	7				5	16	19		52
133. Other diseases of the kidneys and ureters	M	62	2	2	3	7	4				3	16	12		13
	F	64	7	1	2	1	2			1	8	11	15		16
134. Calculi of the urinary passages	M	23				1	1					12	3		6
	F	6									1	3	1		1
135. Diseases of the bladder (tumours excepted)	M	31				2	1				1	4	15		8
	F	20	1				4				2		6		7
136. Diseases of the urethra, urinary abscess, etc.	M	11			1	1	1				1	4	1		2
	F	3										1	1		1
136A. Stricture of the urethra	M	8					1				1	4	1		1
	F	1										1			
136B. Others under this title	M	3			1	1									1
	F	2													1
137. Diseases of the prostate	M	378				6	32				2	22	203		113

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stated	NATIVITY				MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
54	8	2	1	1	3	7	2	3	2	3	2	12	17	16	5	2	120A
52	9	1	4	1	2	1	2	2	3	3	4	9	17	14	4	2	120B
18	2	1	4	1	2	2	2	1	2	2	5	1	1	3	3	1	120B
9	8	6	19	1	14	14	23	23	27	17	29	27	34	30	25	22	121
222	37	4	7	1	11	11	22	15	11	17	14	17	15	20	5	12	121
130	29	4	7	1	11	11	22	15	11	17	14	17	15	20	5	12	121
165	45	3	15	1	25	20	20	23	19	16	20	20	11	13	19	23	122
99	35	7	9	1	12	15	11	13	16	12	10	10	13	11	14	13	122
70	23	2	6	1	11	9	10	11	11	5	8	9	4	7	9	8	122A
33	14	2	5	1	8	6	2	6	8	5	2	2	2	5	4	4	122A
95	22	1	9	1	14	11	10	12	8	11	12	11	7	6	10	15	122B
66	21	5	4	1	4	9	9	7	8	7	8	8	11	6	10	9	122B
16	8	1	1	1	2	2	2	2	1	5	3	4	1	4	1	1	123
13	2	2	2	1	4	3	5	3	5	10	8	3	8	7	8	2	124
55	5	4	6	1	5	8	5	4	6	2	4	6	3	2	4	3	124
42	7	2	1	1	5	1	1	1	1	1	1	1	1	1	2	1	124A
5	2	1	1	1	5	1	1	1	1	1	1	1	1	1	2	1	124A
50	3	4	6	1	3	6	5	3	4	10	8	3	7	7	6	1	124B
42	7	2	1	1	5	8	5	4	6	2	4	6	3	2	4	3	124B
11	1	2	2	1	2	1	1	1	2	1	1	1	3	2	2	2	125
15	4	1	1	1	3	1	1	1	2	2	1	3	1	1	3	2	125
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	125A
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	125A
9	1	2	2	1	2	1	1	2	2	1	1	1	2	2	2	2	125B
13	3	1	1	1	2	1	1	2	2	1	1	3	1	1	3	2	126
15	5	2	2	1	3	3	3	3	2	2	2	4	1	3	1	1	126
56	14	5	1	1	8	7	8	13	7	4	5	5	7	6	4	2	126
38	6	1	4	1	2	2	3	4	4	4	2	5	2	7	5	9	127
82	21	5	9	1	9	8	5	5	17	10	12	12	10	16	5	8	127
2	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	128
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	128
17	1	1	1	1	4	3	3	3	1	1	2	2	1	1	1	1	129
3	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	129
1761	412	75	109	11	213	174	227	194	229	210	174	188	200	190	183	186	
1061	254	37	65	10	129	103	137	108	143	132	97	117	128	113	105	115	
700	158	38	44	1	84	71	90	86	86	78	77	71	72	77	78	71	
38	6	1	1	2	4	6	4	3	6	8	1	5	3	2	4	1	130
27	6	1	1	1	4	2	1	3	5	1	2	3	1	5	2	2	131
574	114	18	35	4	70	58	72	71	69	61	55	58	73	44	57	57	131
493	94	29	31	1	55	55	66	60	54	48	55	45	50	60	53	46	131
89	26	4	5	1	14	8	18	6	4	15	8	14	6	12	9	10	132
76	21	5	1	1	17	3	10	9	8	14	9	5	7	5	6	10	132
40	17	2	2	1	6	1	6	2	8	4	2	10	6	7	4	6	133
44	15	2	3	1	5	2	5	5	8	7	5	10	5	3	6	3	133
12	9	2	2	1	1	2	2	3	3	3	1	1	1	2	2	2	134
4	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	134
23	4	3	3	1	3	3	3	1	4	3	1	2	3	3	2	3	135
14	3	1	2	1	2	2	3	1	4	1	1	1	1	1	2	3	135
5	4	2	2	1	1	1	1	1	3	1	1	1	1	2	1	1	136
3	3	2	2	1	1	1	1	2	1	1	1	1	1	1	2	1	136A
3	3	2	2	1	1	1	1	1	2	1	1	1	1	1	2	1	136A
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	136B
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	136B
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	136B
275	73	13	15	2	30	25	32	19	45	37	28	25	35	43	24	35	137

TABLE 43—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Single					Married							
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated	Widowed	
138. Diseases of the male genital organs (not specified as venereal)...	M	6	4											2	
139. Diseases of the female genital organs (not specified as venereal)...	F	64		1	4	2					4	30	9	3	11
139A. Of the ovary, Fallopian tube and parametrium...	F	3		1	2					2	18	3	2		4
139B. Of the uterus.....	F	28			2	2				1	10	6			7
139C. Of the breast.....	F	2											1		
139D. Others under this title	F	2								1	1				
CLASS XI—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE															
Total.....		348	1	15	10						66	246	5		5
140. Abortion with septic conditions.....	F	46			6	4					10	24			2
140A. Abortion.....	F	31			4	3					6	16			2
140B. Self-induced abortion...	F	15			2	1					4	8			
141. Abortion without mention of septic conditions (haemorrhage included).....	F	9			1						2	6			
141A. Abortion.....	F	9			1						2	6			
142. Ectopic gestation.....	F	17				1					3	12	1		
142A. With septic conditions.....	F	2									1	2			
142B. Without mention of septic conditions.....	F	14				1					2	10	1		
143. Other accidents of pregnancy (haemorrhage excluded).....	F	7			1							6			
144. Puerperal haemorrhage.....	F	47				1					4	41			1
144A. Placenta praevia.....	F	18									1	16			1
144B. Other haemorrhages.....	F	29				1					3	25			
145. Puerperal septicaemia (not specified as due to abortion).....	F	60			5	1					20	40	1		2
145A. Puerperal septicaemia and pyaemia.....	F	68			5	1					20	39	1		2
145B. Puerperal tetanus.....	F	1										1			
146. Puerperal albuminuria and eclampsia.....	F	70			1	2					15	50	2		
147. Other toxaeimias of pregnancy.....	F	15			2						4	9			
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)...	F	32									5	29			
148A. Phlegmasia alba dolens and thrombosis.....	F	8									1	7			
148B. Embolism.....	F	22									3	19			
148C. Sudden death.....	F	4									1	3			
149. Other accidents of childbirth.....	F	34				1					3	29	1		
149A. Caesarean operation...	F	12									1	11			
149B. Other surgical operations and instrumental delivery.....	F	8				1					1	6			
149C. Dystocia.....	F	4									1	3			
149D. Rupture of uterus in parturition.....	F	3										3			
149E. Others under this title	F	7										6	1		
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE															
Total.....		88	22	2	1	1	4			1	9	21	10		17
	M	49	13	1	1	1	2				4	8	9		10
	F	39	9	1			2			1	5	13	1		7

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
...	5	1							2	1	1		1			1	138	
...	39	17	1	7	3	7	5	6	7	6	5	7	5	1	5	7	139	
...	22	4	1	5	1	3	2	2	4	5	3	2	3	1	3	3	139A	
...	15	11		2	2	4	3	3	2	1	2	4	2		2	3	139B	
...	2								1				1			1	139C	
...																	139D	
...	266	57	7	17	1	22	28	46	40	36	22	21	25	29	28	28	23	
...	28	13		4	1	4	4	10	9	1	2	2	3	2	3	3	3	140
...	21	8		2		2	2	7	4	1	2	2	3		3	3	2	140A
...	7	5		2	1	2	2	3	5					2			1	140B
...	7	2				1		2	1	2					2	1		141
...	7	2				1		2	1	2					2	1		141A
...	9	6		2		1		1	3			3	2	2	2	1	2	142
...	1	1		1					1					1	1			142A
...	8	5		1		1		1	2			3	2	1	1	1	2	142B
...	5	1	1					1	1				1		2	2		143
...	41	4		2		2	4	7	8	3	4	2	2	6	6	2	1	144
...	16	1		1		1	1	4	2		2	1	2	1	4			144A
...	25	3		1		1	3	3	6	3	2	1		5	2	2	1	144B
...	53	12	1	3		2	4	11	7	12	2	3	4	7	5	5	7	145
...	53	11	1	3		2	4	10	7	12	2	3	4	7	5	5	7	145A
...		1						1										145B
...	63	3	1	3		4	8	8	5	3	8	6	7	8	3	6	4	146
...	12	2	1			1		1		7	1	1	2	1	1			147
...	24	7	2	1		4	3	2	3	4	4	2	3	2		3	4	148
...	6	1		1		1	1	1		1	1	1	1			1	1	148A
...	15	5	2			1	2	1	1	4	3	1	2	2		2	3	148B
...	3	1				2			2									148C
...	24	7	1	2		3	5	3	3	4	1	2	1	1	4	5	2	149
...	8	4				3	3		2	2		1	1	1	2			149A
...	7			1		1	1			1					1	2	2	149B
...	2	1		1		1		1	1						1			149C
...	2	1						1							2			149D
...	5	1	1			1	1	1		1	1	1		1				149E
...	66	15	3	4		6	6	15	5	8	7	9	11	3	7	6	5	
...	37	10	1	1		3	2	9	4	4	5	5	4	2	4	6	1	
...	29	5	2	3		3	4	6	1	4	2	4	7	1	3		4	





DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stated	NATIVITY				MONTHS													
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.		Dec.
			USA	Other														
...	9	3	...	1	...	2	2	2	...	...	2	1	...	2	...	1	1	151
...	6	2	1	...	...	1	...	7	2	3	3	3	2	1	1	...	3	152
...	24	5	...	...	...	2	2	5	...	2	1	4	3	...	2	...	1	...
...	17	3	1	1	...	...	...	...	...	2	1	...	...	...	...	...	...	...
...	4	2	1	...	...	1	2	...	2	1	...	1	2	...	1	...	...	153
...	6	...	...	2	...	...	1	1	1	1	1	...	1	...	...	...	...	...
...	48	10	1	4	1	6	8	7	4	5	6	4	1	3	7	7	6	...
...	30	7	...	3	...	2	3	5	3	4	4	3	1	2	4	5	4	...
...	18	3	...	...	...	4	5	2	1	1	2	1	...	1	3	2	2	...
...	6	...	...	1	1	1	1	1	1	...	...	...	...	2	3	3	2	154
...	7	1	...	1	...	2	3	1	...	1	1	1	...	...	1	2	...	155
...	5	1	...	1	...	2	3	1	...	1	1	1	...	1	1	...	...	...
...	7	3	...	2	...	1	2	1	3	1	1	...	1	...	1	2	...	156
...	5	2	1	...	1	1	1	...	...	2	1	...	...	1	2	...	...	...
...	4	2	...	1	...	1	1	...	1	1	...	1	...	1	...	1	156A	...
...	1	2	...	...	1	1	1	...	...	1	...	...	...	...	...	...	...	...
...	3	1	...	1	...	...	1	1	2	...	1	1	...	...	1	2	...	156B
...	4	...	1	...	...	...	...	...	...	1	1	...	...	...	1	2	...	...
...	462	1	2	...	1	39	40	35	44	37	36	38	38	35	41	40	43	...
...	250	1	1	...	1	19	26	17	24	24	21	19	19	15	23	19	26	...
...	212	...	1	...	1	20	14	18	20	13	15	19	19	20	18	21	17	...
...	250	1	1	...	...	19	26	17	24	24	21	19	19	15	23	19	26	157
...	212	...	1	...	1	20	14	18	20	13	15	19	19	20	18	21	17	...
...	38	...	...	...	...	2	3	3	3	3	2	2	5	5	2	3	3	157A
...	43	...	...	...	...	4	4	4	2	2	6	3	3	6	2	3	7	...
...	61	...	...	...	...	5	6	2	9	9	4	3	3	4	6	3	7	157B
...	44	...	...	...	...	3	2	3	8	3	3	4	6	2	2	4	4	...
...	104	...	...	...	...	8	10	9	11	7	10	8	7	5	6	9	14	157C
...	72	...	...	...	...	9	4	7	8	4	3	8	6	7	7	6	3	...
...	3	...	...	...	...	1	...	...	...	...	1	1	...	...	...	1	1	157D
...	5	...	...	...	...	...	...	1	...	...	1	...	1	...	1	1	1	...
...	44	1	1	...	...	3	7	3	1	5	5	5	4	1	6	5	1	157E
...	48	...	1	...	1	4	7	3	2	4	2	4	4	4	7	7	2	...
...	1656	...	...	...	4	136	121	167	150	153	153	124	126	122	133	125	150	...
...	963	...	...	...	2	87	63	78	83	96	82	82	73	79	80	69	93	...
...	693	...	...	...	2	49	58	89	67	57	71	42	53	43	53	56	57	...
...	106	...	...	...	...	9	5	10	4	10	7	7	8	11	16	6	13	158
...	81	...	...	...	...	9	9	5	11	7	5	2	3	12	6	7	5	...
...	574	...	...	...	2	59	41	41	52	50	46	58	46	41	39	45	58	159
...	415	...	...	...	2	26	24	53	36	33	51	28	36	22	37	38	33	...
...	163	...	...	...	...	11	10	14	18	16	19	13	12	13	15	12	10	160
...	114	...	...	...	...	11	16	18	11	9	7	6	9	5	4	9	9	...

TABLE 43—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid-owed			
			Under 15	Single					Married							
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over		Age not stated		
160A. With mention of caesarean operation.....	M	3	3													
	F	5	5													
160B. Without mention of caesarean operation...	M	160	160													
	F	109	109													
161. Other diseases peculiar to early infancy (under 3 months).....	M	120	120													
	F	83	83													
161A. Atelectasis.....	M	36	36													
	F	16	16													
161B. Icterus of the new-born	M	21	21													
	F	15	15													
161C. Sclerema and oedema.	F	1	1													
161D. Athrepsia.....	M	4	4													
	F	2	2													
161E. Others, including lack of care.....	M	57	57													
	F	47	47													
161F. No cause given, no doctor in attendance.	M	2	2													
	F	2	2													
CLASS XVI.—SENILITY																
<b>Total</b> .....		478					55						106			317
	M	197					21						74			102
	F	281					34						32			215
162. Senility.....	M	197					21						74			102
	F	281					34						32			215
162A. With senile dementia (70 years and over)...	M	45					6						22			17
	F	68					13						10			45
162B. Without senile dementia (70 years and over)	M	150					15						50			85
	F	211					21						22			168
162C. Premature senility (55 years but under 70 years).....	M	2											2			
	F	2														2
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																
<b>Total</b> .....		2535	377	234	214	115	141	7	21	331	406	232	1			456
	M	1750	248	193	189	97	74	7	16	261	320	168	1			176
	F	785	129	41	25	18	67		5	70	86	64				280
163-171. Suicides.....	M	267		20	41	29	6	2	4	47	79	14				25
	F	93	2	8	11	6	1		1	24	23	3				14
163. Suicide by solid or liquid poisons or by absorption of corrosive substances.....	M	57			11	7	1		2	17	14	1				4
	F	33			5	6	1		1	9	7	1				3
164. Suicide by poisonous gas	M	25			4	3	1	1		8	6	1				1
	F	6					2			3						1
165. Suicide by hanging or strangulation.....	M	49			8	4	1			10	16	6				3
	F	12			2	2				3	3					2
166. Suicide by drowning....	M	30			1	5	2	1	2	2	12					5
	F	25			2	1	1			5	9					3
167. Suicide by firearms.....	M	67			12	8	9	2		2	6	18				7
	F	4								1	2					1
168. Suicide by cutting or piercing instruments..	M	25			1	3	5				4	7				3
	F	7				2				1	1					3

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stated	NATIVITY				MONTHS													
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.		Dec.
			USA	Other														
	3													3				160A
	5								3							1	1	
	160					11	10	14	18	16	19	13	12	10	15	12	10	160B
	109					11	16	18	8	9	7	6	9	5	3	8	9	
	120					8	7	13	9	20	10	4	7	14	10	6	12	161
	83					3	9	13	9	8	8	6	5	4	6	2	10	
	36					1	2	5	3	4	3	2	3	4	1	2	6	161A
	16					1		2	2		3	2	1		1	4		
	21					3	1		3	3	1		1	1	4	1	3	161B
	15					1		3	3	2			3		1			
	1															1		
	4							1	1					1	1			
	2														1			
	57					4	3	7	2	13	6	2	3	7	4	3	3	161E
	47					1	5	8	4	6	5	4	1	4	3	1	5	
	2							1										
	2							2						1				
	340	115	8	14	1	41	55	37	46	43	40	39	37	36	40	32	32	
	144	45	1	6	1	16	20	14	17	19	17	20	11	15	14	13	21	
	196	70	7	8		25	35	23	29	24	23	19	26	21	26	19	11	
	144	45	1	6	1	16	20	14	17	19	17	20	11	15	14	13	21	
	196	70	7	8		25	35	23	29	24	23	19	26	21	26	19	11	
	32	10		2	1	4	1	5	2	1	8	7	2	4	4	3	4	
	55	9	2	2		6	7	5	7	6	3	1	11	7	6	5	4	
	110	35	1	4		12	19	9	13	18	9	13	9	11	10	10	17	
	140	61	4	6		18	28	18	22	18	20	18	15	14	20	13	7	
	2								2									
	1		1			1										1		
	1751	409	107	219	49	171	178	162	187	223	227	280	262	205	219	217	204	
	1184	265	73	186	42	113	115	105	127	161	169	202	190	135	151	142	140	
	567	144	34	33	7	58	63	57	60	62	58	78	72	70	68	75	64	
	149	51	10	51	6	24	12	18	27	26	27	25	22	18	23	24	21	
	53	22	3	12	3	3	6	6	12	10	7	13	4	7	9	8	171	
	31	14	2	10		7	2	1	5	5	5	7	6	4	9	2	4	
	21	6	1	4	1	1	3	1	5	4	2	7	1	1	4	1	3	
	9	8	3	4	1	3	1	3	3	3	1	2	1	1	2	3	2	
	4	2						1		1		1					2	
	27	5	1	14	2	3	3	5	8	2	5	3	4	3	3	5	5	
	8	1		2	1		1	4		2			1	1	1	1	1	
	19	6		3	2			2	3	5	7	4	4	1	2	2	2	
	12	8	2	2	1			1	4	3	1	3	2	3	3	4	1	
	43	12	2	10		6	5	2	4	6	8	6	3	6	5	10	6	
	4					1					1			1			1	
	12	3	1	8	1	3	1	3	2	3	1	3	2	1	2	2	2	
	3	2		2					1	1	2	1		1	1			

TABLE 43—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Single						Married					Wid-owed		
			Un-der 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated			
169. Suicide by jumping from high places.....	M	6			1	1						3				1
	F	5		1								2	1			1
170. Suicide by crushing.....	M	3			1								1	1		
	F	1	1													
171. Suicide by other means.	M	5		1	1								2			1
173-175. Homicides.....	M	29	7	2	2	3		1			6	5	2			1
	F	13	4	1			1				6					1
173. Homicide by firearms..	M	7	1	1	1	1					2	1				
	F	4	1				1				2					
174. Homicide by cutting or piercing instruments..	M	1										1				
	F	1														
175. Homicide by other means	M	21	6	1	1	2		1			1	3	2			1
	F	8	3	1							3					1
176-198. Other violent deaths	M	1454	241	171	146	65	68	4	12		208	236	152	1		150
	F	675	123	32	14	12	65		4		40	63	61			265
176. Attack by venomous animals.....	M	2	1									1				
	F	1														
177. Food Poisoning.....	M	3		1							2					
	F	1										1				
178. Accidental absorption of toxic gases.....	M	29	3	2	3		1				4	10	5			1
	F	16	2		1	1			1	3	2	2	1			5
179. Other acute accidental poisonings (except by gas).....	M	23	6		3	1					2	6	4			1
	F	12	3	2			2				3	2				
180. Conflagration.....	M	24	5	1	1	1					1	11				3
	F	25	11	2					1	2	4	4	1			4
181. Accidental burns (conflagration excepted)..	M	59	26	2	1		3		2	8	7	6				4
	F	56	22	5	1		3			2	8	2				13
182. Accidental mechanical suffocation.....	M	28	24		1						2	1				
	F	22	20							1	1					
183. Accidental drowning.....	M	236	74	45	34	8	3	2	1	31	24	3				11
	F	35	16	9	2					6	1					1
184. Accidental injury by firearms.....	M	23	2	4	5		1			4	6	1				
	F	3	2							1						
185. Accidental injury by cutting or piercing instruments.....	M	19	1	2	4	4				1	3	3	1			
	F	1									1					
186. Accidental injury by fall, crushing or landslide..	M	851	82	93	76	44	52		8	134	137	112				113
	F	470	42	14	10	10	59		2	19	40	53				221
188. Injuries by animals.....	M	27	2	2	4	2	1				2	8	6			
	F	4	2								1					1
189. Hunger or thirst.....	M	1	1													
	F	2				1					1					1
190. Excessive cold.....	M	13		2			1	2			2	1	1			4
	F	1														1
191. Excessive heat.....	M	10	4								3	1				2
	F	5	1								2	1				1
192. Lightning.....	M	3			2											1
193. Accidents due to electric currents.....	M	15		4	2	1					6	2				
	F	84	16	13	10	1	4	1		9	15	11	1			9
194. Other accidents.....	M	25	2				1				1	4				17
	F	6	4													
194A. Foreign body.....	M	6	4							1		1				
194B. Others under this title	M	78	6	13	10	1	4	1		8	15	10	1			9
	F	25	2				1				1	4				17
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown.....	M	4				2		1								1
	F	1									1					
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH																
Total.....		133	48	3	3	8	3	1	7	5	12	22				20
	M	81	26	1	2	8	2	1		3	9	19	1			9
	F	52	22	2	1		1		7	2	3	3				11

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stated	NATIVITY				MONTHS													
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
...	3	1	1	1	...	2	...	...	1	...	...	...	...	1	...	...	2	169
...	1	3	...	1	...	1	1	...	1	...	...	1	...	...	...	...	1	170
...	1	1	...	1	...	...	...	1	...	...	...	...	1	1	...	...	...	171
...	4	1	...	...	...	...	...	1	1	2	...	...	1	...	...	...	...	171
...	13	1	1	7	7	3	2	2	3	3	2	4	3	2	2	...	3	173
...	7	3	...	1	2	2	1	1	...	...	...	3	...	...	1	2	3	175
...	7	2	...	...	...	1	1	1	...	2	...	...	1	1	...	...	...	173
...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	174
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	174
...	6	...	1	7	7	2	2	2	3	1	2	4	2	2	2	...	1	175
...	5	1	...	...	...	2	...	...	...	...	...	2	...	1	2	...	...	175
...	1022	213	62	128	29	86	101	85	97	132	140	173	165	115	126	118	116	176-198
...	507	119	31	20	2	53	56	50	48	52	51	62	68	63	58	65	52	198
...	1	...	...	1	...	...	...	...	1	...	...	1	...	1	...	...	...	176
...	2	1	...	...	...	...	...	1	1	...	...	...	...	1	...	...	...	177
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	177
...	18	5	1	5	...	1	4	2	3	3	3	...	...	...	3	4	6	178
...	9	4	2	1	...	3	...	...	...	1	1	...	...	2	4	4	1	178
...	17	3	2	1	...	1	...	1	2	1	7	2	...	3	1	3	2	179
...	10	2	...	...	...	1	...	...	2	1	1	1	...	2	1	1	2	179
...	14	7	1	2	...	...	2	5	6	...	3	1	2	1	...	2	2	180
...	21	2	2	...	...	1	5	3	8	...	2	4	...	...	...	...	2	180
...	49	6	2	2	...	5	5	7	3	6	4	3	4	3	6	4	9	181
...	46	6	4	...	...	8	10	6	1	8	5	2	4	2	2	5	3	181
...	26	2	...	...	...	2	2	3	3	1	4	2	3	2	6	3	...	182
...	22	...	...	...	...	4	2	5	1	3	...	...	3	...	...	3	1	182
...	155	33	22	14	12	6	2	3	22	22	41	56	34	12	20	11	7	183
...	31	1	3	...	...	...	...	2	...	2	2	14	9	4	...	2	...	183
...	20	2	1	...	...	3	...	1	1	1	2	...	1	1	3	8	2	184
...	3	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	1	184
...	15	...	2	2	...	2	3	...	...	4	...	2	1	1	3	2	1	185
...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	185
...	591	135	31	84	10	56	68	56	46	77	63	84	102	79	67	77	76	186
...	333	99	21	15	2	35	36	30	34	33	36	37	45	50	46	48	40	186
...	26	...	1	...	...	...	...	2	2	4	3	3	4	1	5	1	2	188
...	4	...	...	...	...	...	...	...	...	1	1	1	1	...	...	...	...	189
...	1	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	189
...	2	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	190
...	8	3	...	2	...	2	4	1	2	...	...	...	...	...	1	...	3	190
...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	191
...	7	2	...	1	...	...	1	...	...	1	1	6	...	1	...	...	...	191
...	5	...	...	...	...	...	...	...	...	...	1	3	1	...	...	...	...	192
...	3	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	192
...	13	1	...	1	...	...	...	...	1	2	...	5	4	1	2	...	...	193
...	56	12	...	12	4	10	10	4	4	8	8	6	10	7	9	3	5	194
...	18	4	3	...	...	...	2	4	2	2	1	3	3	3	3	2	3	194
...	5	1	...	...	...	1	...	...	...	1	1	1	1	...	...	1	1	194A
...	51	11	...	12	4	9	10	4	4	7	7	5	9	7	9	3	4	194B
...	18	4	3	...	...	...	2	4	2	2	1	...	3	3	3	2	3	194B
...	1	1	...	...	3	...	...	...	1	1	...	...	...	1	...	...	1	195
...	111	10	3	7	2	16	15	17	7	9	11	11	10	8	12	8	9	195
...	66	5	3	5	2	10	8	10	3	5	7	7	6	7	8	5	5	195
...	45	5	...	2	...	6	7	7	4	4	4	4	4	1	4	3	4	195



DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1934—Continued

Not stat- ed	NATIVITY					MONTHS												
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
....	41	5	3	4	....	4	4	6	3	4	4	4	4	6	6	4	4	199
....	15	5	.....	2	....	2	4	.....	1	1	2	2	2	1	1	3	3	
....	25	.....	.....	1	2	6	4	4	.....	1	3	3	2	1	2	1	1	200
....	30	.....	.....	.....	....	4	3	7	3	3	2	2	2	.....	3	.....	1	

ACCIDENTAL DEATHS

of the International List above)

1934

....	5	5	.....	13	1	3	1	1	.....	3	3	2	1	1	.....	6	3	A
....	31	5	1	5	.....	3	5	.....	1	5	3	4	5	3	6	1	6	B
....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
....	46	16	2	10	5	6	10	5	6	4	7	5	13	4	4	3	12	C
....	11	1	.....	.....	.....	.....	.....	.....	3	.....	2	1	.....	.....	.....	.....	6	
....	3	4	.....	4	.....	1	3	.....	2	1	1	.....	.....	.....	.....	4	.....	D
....	7	1	.....	.....	1	.....	2	.....	2	.....	.....	.....	.....	.....	2	3	.....	
....	294	46	20	40	2	17	19	18	18	35	31	50	49	54	35	43	33	E
....	85	25	10	5	1	3	2	4	2	11	13	13	20	17	19	14	8	
....	48	7	1	1	1	2	4	3	1	7	6	7	13	4	4	5	2	F
....	5	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	
....	49	12	11	7	1	.....	.....	.....	1	4	5	20	16	11	6	15	2	G
....	5	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
....	4	2	1	.....	.....	1	.....	2	.....	.....	.....	.....	1	.....	5	2	.....	H





DITION, NATIVITY, AND MONTH OF DEATH—TORONTO, 1934

Not stated	NATIVITY					MONTHS											
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
.....	3573	1982	183	488	40	545	508	612	573	600	482	452	446	457	531	521	539
.....	1786 1787	1080 902	95 88	303 185	31 9	283 262	277 231	323 289	276 297	311 289	248 234	242 210	226 220	230 227	288 243	288 233	303 236
.....	232	86	10	25	1	31	22	49	36	40	25	21	20	21	36	26	27
.....	117 115	55 31	8 2	18 7	1	12 19	13 9	30 19	19 17	24 16	18 7	11 10	14 6	9 12	16 20	17 9	16 11
.....	2	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	1
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
.....	7	.....	.....	1	.....	.....	2	2	2	.....	.....	.....	.....	.....	.....	1	1
.....	5	.....	.....	.....	.....	1	.....	3	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	12	1	.....	.....	.....	.....	1	1	2	1	3	1	3	.....	1	.....	9
.....	13	.....	.....	.....	.....	.....	1	1	2	3	1	1	1	2	.....	.....	.....
.....	13	8	1	2	.....	2	1	4	1	2	2	2	2	1	1	4	4
.....	29	7	.....	1	.....	7	2	4	4	3	3	2	1	1	1	3	3
.....	1	2	.....	.....	.....	2	1	2	.....	.....	.....	.....	1	.....	.....	.....	11A
.....	3	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	5	4	.....	2	.....	1	1	1	.....	2	2	.....	.....	1	.....	.....	2
.....	12	2	.....	1	.....	4	.....	3	2	1	2	.....	.....	.....	1	1	1
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	11D
.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	3	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	1
.....	6	2	.....	.....	.....	1	.....	1	.....	.....	.....	2	.....	.....	.....	2	2
.....	11	3	.....	.....	.....	1	1	1	1	2	1	2	.....	1	2	.....	11F
.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	13
.....	7	3	.....	.....	.....	2	1	4	1	.....	1	1	.....	.....	.....	.....	15
.....	2	2	.....	.....	.....	2	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....
.....	9	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	2	4	.....	16
.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1
.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	17
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3	1	.....	.....	.....	.....	.....	1	2	.....	.....	.....	1	.....	.....	1	18
.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	22
.....	42 38	31 14	3	11 3	1	6 7	6 4	15 8	11 5	15 4	6 2	3 3	2 1	4 6	8 7	6 2	6 6
.....	29 28	26 12	2	11 2	1	6 6	5 3	11 6	7 5	11 4	5 2	3 1	2 .....	1 4	7 4	6 1	5 6
.....	4 2	1 1	.....	.....	.....	.....	.....	1 1	.....	1 .....	1 .....	.....	2 .....	1 .....	1 .....	.....	24
.....	5	2 1	.....	.....	.....	1	1	1	.....	1	.....	.....	.....	2	2	.....	25
.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	26
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
.....	2 1	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	1	.....	1
.....	4	2	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	31
.....	2	.....	.....	.....	.....	.....	.....	1	2	1	.....	.....	.....	.....	.....	.....	32

TABLE 44—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Under 15	Single					Married					Wid-owed	
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated		
32A. Acute.....	M	3	1		1	1									
	F	2	2												
32B. Chronic.....	M	1													
	F	1													
32C. Not specified.....	M	2				1									
	F	1													
34. Syphilis.....	M	28	5	2	1	1						13	5		1
	F	11	3			1					1	3			3
35. Gonococcus infection and other venereal diseases.....	F	3		1							2				
36. Purulent infection, septicaemia (non-puerperal).....	M	5	1	1								2			1
	F	11	2	1	1							1	3		3
43. Mycoses.....	F	2										1	1		
44. Other infectious or parasitic diseases.....	M	1	1												
	F	4	3												1
44A. Chicken-pox.....	M	1	1												
	F	1	1												
44C. Others under this title..	M	1	1												
	F	3	2												1
CLASS II.—CANCER AND OTHER TUMOURS															
<b>Total.....</b>		<b>1016</b>	<b>14</b>	<b>9</b>	<b>19</b>	<b>87</b>	<b>56</b>			<b>2</b>	<b>90</b>	<b>296</b>	<b>200</b>		<b>243</b>
	M	500	8	8	7	43	21				28	149	143		93
	F	516	6	1	12	44	35			2	62	147	57		150
45-53. Cancer and other malignant tumours.....	M	461	5	6	7	38	21				26	140	129		89
	F	478	5	1	10	41	33			2	50	138	55		143
45. Cancer of the buccal cavity and pharynx.....	M	31				6						6	10		9
	F	5				2						2			1
46. Cancer of the digestive tract and peritoneum.....	M	274		3	3	24	13				12	87	74		58
	F	183		1	3	13	13				16	45	27		65
46A. Of the oesophagus.....	M	25		1		2	2					6	8		6
	F	11									2	2	2		5
46B. Of the stomach and duodenum.....	M	103			1	9	2				4	36	27		24
	F	45				2	2				2	12	9		18
46C. Of the rectum.....	M	42			1	6	3				1	13	11		7
	F	19			2	2	1				4	4	2		4
46D. Of the liver and biliary ducts.....	M	20				4	1				3	5	3		4
	F	28				2	2				2	9	4		9
46E. Of the pancreas.....	M	23				1	1				1	11	4		5
	F	12				1					1	5	1		4
46F. Of the peritoneum.....	M	4		1		1						2			
	F	1										1			
46G. Of other organs.....	M	57		1	1	1	4				3	14	21		12
	F	67		1	1	6	8				5	12	9		25
47. Cancer of the respiratory organs.....	M	28				2	1				2	14	6		3
	F	11				1	1				1	3	1		2
47A. Of the larynx.....	M	12					1					5	4		4
	F	2													
47B. Of the lung.....	M	13				2					1	7	2		1
	F	7				1						3			1
47C. Of the mediastinum.....	M	3									1	2			3
	F	1											1		
47D. Of other organs of the respiratory system.....	F	1					1								
48. Cancer of the uterus.....	F	98				7	2				18	35	11		25
48A. Of the uterus.....	F	51				3	2				9	15	7		15
48B. Of the cervix uteri.....	F	47				4					9	20	4		10
49. Cancer of other female genital organs.....	F	32				5	3				4	6	3		11
50. Cancer of the breast.....	M	2									1	1			
	F	87			2	10	11				6	30	9		19
51. Cancer of the male genito-urinary organs.....	M	65	1			5	3				2	17	24		13
51A. Of the bladder.....	M	25				1	1					8	13		2
51B. Of the kidney.....	M	10										4			4
51C. Of the prostate gland.....	M	28	1								1	4	11		6
51D. Of the testicles and annexa.....	M	2										1			1
	F	10					1					1	5		3
52. Cancer of the skin.....	M	5										1	1		2

DITION, NATIVITY, AND MONTH OF DEATH—TORONTO, 1934—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
	3								2						1			32A
	2												1				1	32B
	1	1						1		1					1			32C
	15	8	1	4		2	1	3		4	5	2	2		2	4	3	34
	9	1		1				1	3	1			1	1	2	2		
	2	1					1					1			1			35
	4	1							1	1	1	1				1		36
	6	2	2	1		1	1	1	1	4		1	1	1				
		1		1								1					1	43
	1											1						44
	3	1				1				1	1				1			44A
	1											1						44A
	1									1								44C
	2	1				1					1				1			44C
	496	403	24	89	4	72	71	96	90	84	89	75	86	82	97	87	87	
	222	213	13	50	2	36	41	44	43	36	41	43	41	36	52	39	48	
	274	190	11	39	2	36	30	52	47	48	48	32	45	46	45	48	39	
	196	202	13	48	2	33	34	42	42	31	39	41	41	33	47	34	44	45-53
	247	182	11	36	2	35	29	48	42	42	42	30	42	45	44	44	35	
	12	16	2	1		2		2	4	2	7	1	2	2	3	4	2	45
	5					1	1	2	1									
	103	130	7	33	1	18	22	25	21	19	27	29	29	17	23	23	21	46
	88	73	3	18	1	17	13	19	15	16	13	7	15	12	20	16	20	46A
	12	8	2	3		1	1	1	2	1	1	1	1	3	6	3	4	
	4	5		2			1	1	3	2	1				2		1	
	37	51		15		8	6	12	7	8	9	12	15	6	5	6	9	46B
	15	21	1	8		5		6	4	4	3	3	3	2	5	6	4	
	13	22	1	5	1	1	7	2	6	3	4	4	4	1	3	4	3	46C
	10	7	1	1		1		4	2	3	2	1	1	1	1	1	3	
	6	12	1	1			2	4	2	2	5	3	1	1	1	2	2	46D
	15	11		2		1	2	1	2	2	2	2	6	3	3	3	3	
	10	10	1	2			2	2	4	1	3	2	2	2	3	2	3	46E
	5	6		1		1	1			1	2				3		4	
	1	1		2								1	1	1	1	1	1	46F
	24	26	2	5		8	4	4	2	4	5	6	6	3	5	5	5	46G
	39	22	1	4	1	9	9	7	4	4	5	1	5	6	6	6	5	
	9	16		2	1	2	1	3	3		1	1	4	2	3	2	6	47
	5	4	1	1		1		1	3					3	2	1		
	5	7				1		1	2					2	2	1	2	47A
	3	7		2	1	1	1	2	1		1	1	1		2		3	47B
	4	2		1		1		1							3	1	1	
	1												1				2	47C
									1									
		1														1		47D
	49	40	4	5		9	5	8	9	7	9	5	9	12	8	12	5	48
	29	19	2	1		6	3	6	2	5	3	2	5	4	3	10	2	48A
	20	21	2	4		3	2	2	7	2	6	3	4	8	5	2	3	48B
	24	8				1	2	3		3	8	2	1	3	5	4		49
	1	1								1		1						50
	46	33	1	7		2	4	10	5	10	7	9	12	9	6	6	7	
	37	23	2	3		8	6	4	6	3	1	4	6	6	7	4	10	51
	12	10	1	2		3	3	1	2	2		2	2	1	4	2	3	51A
	6	4				2	2	1	1				1	2		1		51B
	18	8	1	1		3		2	3	1	1	2	3	3	2	1	7	51C
	1	1					1									1		51D
	3	5		2					1	2	2			1	1	1		
	2	3						1	1	1						1	1	52



DITION, NATIVITY, AND MONTH OF DEATH—TORONTO, 1934—Continued

Not stated	NATIVITY					MONTHS											
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
31	11	2	7	3	5	7	6	4	1	5	5	5	10	5	4	5	53
28	21	2	5	4	4	4	8	5	5	7	5	6	3	6	4	2	53B
8	3	1		2	2	1	1	1	1	1	1	1	4	1	1	1	53C
4	5			1						2	1	1	1	1			
9	7		1	1		1	4	1	1	2		2	1	2	2	2	53D
10			1				2		1	1	1	1	2	1	2	2	53E
1																	
11	3		5	2	3	2	2	1	1	3	1	2	2	2		2	53F
7	4	1		1	4		1	1	2	1	2	1			1		
1									1								53G
									1								53H
																	53I
4	3		1			1	2	1		2			1	1			53J
2	2		1			1	1						1				53K
2	2		2			2	1					1	2	1			53K
2	1								1				1				53K
				1													
																	53M
25	10		1	3	7	2	1	5	2	2		2	4	5	3	54	54A
25	8		3	1	1	4	4	5	6	2	3	1	1	4	4	1	54A
4	2					1	2		1	1	1						54B
8	3		2			2	1	2	1	1	1			3		2	54B
6	4			1	2	2		2	1	1			1				54B
9			1			1	1	2	2	1		1	1	1			54E
1	1				1					1							54E
3	3				1			1	2		1					1	54F
11	4		1	1	2		1	3				2	2	3		2	54F
7	1			1	2					1				1	2	1	54G
1												1					54G
1	1		1										1	1			55
2							1	1						1	1		55D
1	1		1										1	1			55D
2							1	1									55G
118	47	4	19	10	13	18	15	21	19	14	23	19	11	14	12		
51	21	1	6	4	6	9	6	12	8	5	10	7	3	5	5		
67	26	3	13	6	7	9	9	9	11	9	13	12	8	9	7		
5			1	1		1	1	2	1		1	1					56
2							2										57
2	1		1						1	1	1						59
23	16	1	3	3	4	2	4	5	4	5	5	4	2	2	4		59
32	18	2	9	3	7	4	4	2	8	8	4	6	4	5	6		62
2			1			1			1			1					63
1									1								64
1														1			65
1							1										65
4	4				1	1		1			3			1			66
24	7	1	2	3	4	4	3	7			7	3	3	3	1		66B
4	4				1	1		1			3			1			66B
23	7	1	2	3		4	2	7			7	3	3	3	1		66D
1							1										66D
10					1	4		1	1			1		2			67
1							1										68
3	1		1					2	1		1	1					69
2												1	1				69



DITION, NATIVITY, AND MONTH OF DEATH—TORONTO, 1934—Continued

Not stat- ed	NATIVITY					MONTHS												
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
.....	2	1	.....	1	.....	.....	.....	.....	.....	1	1	.....	1	1	.....	.....	.....	69A
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69C
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	50	25	5	5	.....	5	8	11	7	8	3	6	5	11	6	7	8	.....
.....	26	14	2	3	.....	3	6	7	4	3	1	4	1	4	3	4	5	.....
.....	24	11	3	2	.....	2	2	4	3	5	2	2	4	7	3	3	3	.....
.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	70A
.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	70B
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	70C
.....	13	5	1	1	.....	3	3	1	4	1	.....	3	2	2	.....	.....	.....	71
.....	17	8	1	1	.....	2	1	3	3	3	1	2	3	5	1	.....	.....	71A
.....	12	4	1	1	.....	2	3	1	4	.....	.....	3	2	2	.....	.....	.....	71B
.....	16	8	1	1	.....	2	1	3	3	2	1	2	3	5	1	.....	.....	71C
.....	1	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	10	8	1	2	.....	.....	3	4	.....	2	1	.....	1	2	3	2	3	72
.....	5	3	1	1	.....	.....	1	1	.....	1	.....	.....	1	2	2	.....	.....	72A
.....	9	5	1	2	.....	.....	3	1	.....	2	1	.....	1	2	3	2	2	72B
.....	5	1	1	.....	.....	.....	1	1	.....	1	.....	.....	.....	1	2	.....	.....	72C
.....	1	3	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
.....	2	2	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	11	6	1	.....	2	1	1	2	1	2	1	.....	4	4	.....	.....	.....	.....
.....	8	6	1	.....	1	1	.....	2	1	1	1	.....	4	3	.....	.....	.....	.....
.....	3	.....	.....	.....	1	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....
.....	8	6	.....	.....	.....	1	.....	2	1	1	1	.....	3	3	.....	.....	.....	75
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....
.....	8	6	.....	.....	.....	1	.....	2	1	1	1	.....	3	3	.....	.....	.....	75B
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	76
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	76A
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77
.....	1	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77A
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77B
.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77C
.....	218	111	16	28	.....	44	27	30	31	40	30	27	16	33	38	23	39	.....
.....	110	55	8	17	4	24	17	14	14	22	15	13	8	5	20	19	23	.....
.....	108	56	8	11	.....	20	10	16	17	18	15	14	8	17	18	14	16	.....
.....	4	.....	.....	2	.....	.....	1	.....	.....	3	.....	.....	1	.....	.....	.....	.....	78
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....

TABLE 44—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											Wid-owed		
			Under 15	Single					Married							
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated			
79. Simple meningitis.....	M	9	5	1								1	2			
	F	2	2													
80. Progressive locomotor ataxia (tabes dorsalis).....	M	2				1									1	
	F	2											2			
81. Other diseases of the spinal cord.....	M	9		1									2	3	3	
	F	9				1	1					1	1	3	2	
82. Cerebral haemorrhage, cerebral embolism and thrombosis.....	M	86				2	7					1	18	33	25	
	F	112			3	2	11					2	21	14	59	
82A. Cerebral haemorrhage.....	M	62				2	6					1	15	20	18	
	F	86			3	2	11					1	16	10	43	
82B. Cerebral embolism and thrombosis.....	M	13					1						3	9	3	
	F	14										1	3	2	8	
82C. Softening of the brain.....	M	4											1	1	2	
	F	6											2		4	
82D. Hemiplegia and other paralysis, cause not specified.....	M	7											2	3	2	
	F	6												2	4	
83. General paralysis of the insane.....	M	9					1						1	5	2	
	F	1													1	
84. Dementia praecox and other psychoses.....	M	13				2	1					2	5	2	1	
	F	10			1		2					2	2		3	
84A. Dementia praecox.....	M	3				1	1						1			
	F	3			1		1						1			
84B. Other psychoses.....	M	10				1	1					2	4	2	1	
	F	7										2	1		3	
85. Epilepsy.....	M	1		1												
	F	4				1						1			2	
87. Other diseases of the nervous system.....	M	21	2			1							8	5	5	
	F	23	2			4	1					2	3	3	8	
87A. Chorea.....	M	1		1												
	F	1		1												
87B. Neuralgia and neuritis.....	M	1											1			
	F	1											1			
87C. Paralysis agitans.....	M	10										4	4		2	
	F	11				2						1	2		6	
87D. Sclerosis (other than of the spinal cord).....	M	6										2	1		3	
	F	7				2	1					1	1		2	
87E. Others under this title.....	M	3		1		1							1			
	F	3		1								1	1			
88. Diseases of the organs of vision.....	M	1		1												
	F	5											1		4	
89. Diseases of the ear and mastoid process.....	M	37	17	2	4						1	5	6	1	1	
	F	13	3	1	1	3						3	1		1	
89A. Otitis.....	M	10	6									2	2			
	F	6	3			2						1				
89B. Mastoid process.....	M	27	11	2	4						1	3	4	1	1	
	F	7		1	1	1						2	1		1	
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																
<b>Total.....</b>			1975	10	19	25	76	144				87	454	443		717
	M	1010	4	11	15	47	55					48	301	302	227	
	F	965	6	8	10	29	89					39	153	141	490	
90-95. Diseases of the heart	M	728	1	11	13	38	36					39	248	202	140	
	F	615	5	8	10	22	54					34	105	88	289	
90. Pericarditis.....	F	4	1	2		1										
91. Acute endocarditis.....	M	10		4	1							1	4			
	F	5	2									1	1		1	
91A. Specified as acute.....	M	8		2	1							1	4			
	F	4	2										1		1	
91B. Unspecified (under 45 years of age).....	M	2		2												
	F	1										1				



DITION, NATIVITY, AND MONTH OF DEATH—TORONTO, 1934—Continued

Not stated	NATIVITY				Not stated	MONTHS												
	Canada	British	Foreign			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
6	2		1			2				2		3		1	1		79	
1		1				1				1							80	
2									1		1				1			
6	2				3	1			1	1		1					81	
3	3	1	2		1	1			1		1		2	1		2		
45	29	2	10		10	4	6	6	9	6	4	3	2	13	13	10	82	
68	32	6	6		14	5	10	11	12	7	4	5	11	13	10	10	82A	
35	21	1	5		10	3	4	4	6	3	4	2		9	8	9	82A	
55	25	4	2		12	4	9	6	9	5	3	3	8	9	8	10		
6	5	1	1			1	1	1	1	2				3	3	1	82B	
8	2	1	3		1	1		3		1		1	3	3	1			
2	2							1					1		1		82C	
2	4						1	1	2		1				1			
2	1		4						2	1		1	1	1	1		82D	
3	1	1	1		1			1	1	1		1		1				
4	2	1		2	1	1			1	1				2	1		83	
	1														1			
5	7			1			1	3		1	2	1	1		1		3	84
6	3		1		3		1		1	1	2	1					1	
1	2						1						1				1	84A
2	1				1						1						1	
4	5			1				3		1	2	1				1		84B
4	2				2		1		1	1	1	1						
1									1	1								85
3			1		1		1		1			1						
10	7	1	2	1	3	3	1	1	2	4	1	1		2	1	2	2	87
12	10		1		1	1	3	1	2	2	5	1	2	2	2	2	2	87A
1											1						1	87B
	1						1								1			
3	5		2		2	2		1	2	1		1					1	87C
7	4					2	2	2	1		2	1	2	2	2	1		
4	1	1			1	1				2	1					1		87D
2	5					1			1	1	2					2		
2				1			1		1	1		1			1			87E
1						1			1									88
3	2							1	1	2				1				
27	5	3	2		7	4	6	2	3	3	1	2	1	1	2	5		89
8	5				1	2	1	3		1	2			2	1			
7	2		1		1	2	1	2	1							3		89A
5	1				1	1	1				1							
20	3	3	1		6	2	5		2	3	1	2	1	2	1	2		89B
3	4				1	1		3		1	1							
1021	724	55	166	9	178	182	182	192	193	130	134	117	137	155	187	188		
485	393	24	100	8	91	96	108	82	99	61	67	58	73	81	97	97		
536	331	31	66	1	87	86	74	110	94	69	67	59	64	74	90	91		
344	281	16	81	6	57	76	71	57	69	52	47	46	58	48	72	75		90-95
335	215	20	45		64	55	50	73	58	44	43	31	42	51	58	46		
3	1					2				1							1	90
5	4	1					1	1	1		1	1	1			1		91
5										2	1						1	
4	3	1					1		1		1	1	1			1		91A
4										2	1							
1	1							1										91B
1														1				







DITION, NATIVITY, AND MONTH OF DEATH—TORONTO, 1934—Continued

Not stat- ed	NATIVITY				MONTHS													
	Cana- da	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.		Dec.
			USA	Other														
4							2	1										105B
1		4		1	1		1	1	1			1				1		106
8		1			1		1	1	1	1					2		1	106A
1																		
5		1			1		1	1	1	1							1	106B
4		4		1	1		1	1	1			1				1		
3															2			
97	36	6	13	1	13	18	17	12	10	14	8	9	7	15	14	16	107	
79	37	4	5		10	8	19	10	13	14	12	9	2	13	6	9		
97	36	6	13	1	13	18	17	12	10	14	8	9	7	15	14	16	107A	
79	37	4	5		10	8	19	10	13	14	12	9	2	13	6	9		
38	22	5	9		12	9	5	10	9	2	5	2	5	8	5	2	108	
43	20	4	4		12	5	9	6	9	4	4	5	3	2	3	9		
4							1	1	1						1		109	
2	2									1			1				2	
7	5		2		2	1	1	1	2	1	2			1		1	110	
3	1				1	2									1			
5	4	1			1	1		2			1	2			1		2 111	
5	3		1			1			2	1	1	1	1	2				
2									1				1				111A	
3	4	1		1				1				1					2 111B	
5	3					1			2	1	1		1	2				
5	6		3		1	2	2		1	1			1	2	1	3	112	
6	8					2	2	3	1			1	4				1	
2	2		1						1		1				2	1	114	
1	1									1						1		
1	1														1		114A	
1	1		1						1						1		114B	
1	1									1		1				1	114C	
1	1																1	
291	140	12	32	1	38	39	40	48	36	35	47	33	47	38	42	33		
153	85	4	21	1	21	22	21	21	15	18	27	18	28	23	28	22		
138	55	8	11		17	17	19	27	21	17	20	15	19	15	14	11		
13	4		2		2		5		1	1		1	2	4	1	2	115	
9	4	2	1		1	2			2	2	1			2	1	5		
2	1		2				1							1		2 115A		
2	1		1		1				1	1				1		1		
2	2								1			1		1	1		115B	
2	1	1				2					1			1				
9	1				2		4			1				2			115C	
5	2	1							2	1					1		4	
3							1	1	1				1				116	
13	34		5	1	2	2	7	6	3	5	8	3	1	4	8	4	117	
9	6	1			2	2	2	2	3	1	1	1	2		2			
2	16		3		1	1	4	4	1	2	4	1	1	2	4		117A	
4	3						1	2	2	1	1							
11	18		2	1	1	1	7	2	2	3	4	2		2	4	4	117B	
5	3	1			2		1		1			1	2		2			
1	2	1			1					1				2			118	
1	1		1											2				
28					3	3	1		1		3	4	8	2	3		119	
31					1		2	3	3	2	3	6	9	1	1			
3	5					1				1		1	3	1	1		120	
4	7		1		1	1		2		2		1	1	1	4			

TABLE 44—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Widowed		
			Under 15	Single					Married						
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over		Age not stated	
120A. Diarrhoea and enteritis	M	6	1			1						1	1		2
	F	5	1	1								1			2
120B. Ulceration of the intestines	M	2	1		1										
	F	7									2	2			3
121. Appendicitis	M	59	9	9	2	2				1	11	16	8		1
	F	34	6	3	2		1			2	10	5	1		4
122. Hernia, intestinal obstruction	M	52	7	3	2	2	2				3	16	8		9
	F	29	1		2	1	1				2	10	6		6
122A. Hernia	M	26	2	2	2		2					9	5		4
	F	12	1									4	4		3
122B. Intestinal obstruction	M	26	5	1		2					3	7	3		5
	F	17			2	1	1				2	6	2		3
123. Other diseases of the intestines	M	6	1		1							1	2		1
	F	4										2	1		1
124. Cirrhosis of the liver	M	14		1	1	2					1	3	3		3
	F	12	1			1					1	5	1		3
124A. Specified as alcoholic	M	6				1					1	1	1		2
124B. Not specified as alcoholic	M	8		1	1	1						2	2		1
	F	12	1			1					1	5	1		3
125. Other diseases of the liver	M	2									1	1			
	F	7	1			1	1			1		2			1
125A. Yellow atrophy of the liver	F	2	1									1			
125B. Other diseases of the liver	M	2									1	1			
	F	5				1	1			1	1	1			1
126. Biliary calculi	M	5									1	2	1		1
	F	19									1	4	5		9
127. Other diseases of the gall-bladder and biliary passages	M	4										1	3		
	F	25			1		2				2	2	5		13
128. Diseases of the pancreas	M	1				1									
	F	2									1	1			
129. Peritonitis, cause not specified	M	5	4			1									
	F	3	1								1				1
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM															
<b>Total</b>		352	6	8	12	14	18			1	39	78	89		87
	M	213	5	3	10	9	10			1	19	46	69		41
	F	139	1	5	2	5	8				20	32	20		46
130. Acute nephritis (including unspecified, under 10 years of age)	M	7	2							1	1				3
	F	3										2			1
131. Chronic nephritis	M	98	1	2	8	4	2				14	25	26		16
	F	80		4		5	4				10	20	11		26
132. Nephritis, unspecified (10 years and over)	M	15			1		1					7	4		2
	F	16					1				1	2	2		10
133. Other diseases of the kidneys and ureters	M	15	1	1	1	2					2	3	2		3
	F	22	1	1			1				6	4	5		4
134. Calculi of the urinary passages	M	6										4			2
	F	2										1			1
135. Diseases of the bladder (tumours excepted)	M	4										2	2		
	F	5					2						1		2
136. Diseases of the urethra, urinary abscess, etc.	M	5					1				1	2			1
	F	1											1		
136A. Stricture of the urethra	M	5					1				1	2			1
136B. Others under this title	F	1											1		
137. Diseases of the prostate	M	61				3	6				1	3	34		14
138. Diseases of the male genital organs (not specified as venereal)	M	2	1										1		
139. Diseases of the female genital organs (not specified as venereal)	F	10			2						3	3			2

DITION, NATIVITY, AND MONTH OF DEATH—TORONTO, 1934—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
	1	5											1	3	1	1	120A	
	2	2		1	1	1					1		1		1			
	2										1						120B	
	37	16	1	5	2	5	3	7	4	2	2	7	3	6	5	7	8	
	22	10		2	6	2	3	4	1	4	5	1	3	2			121	
	30	15	1	6	6	6	2	5	4	4	7	2	4	4	3	5	122	
	12	12	2	3	1	5	2	5	3	3	1	2	1	1	3	2		
	14	9	1	2	4	2		5	2	2	3		2	3	2	1	122A	
	5	5			2	2	1	4	1	2			1		1			
	16	6		4	2	4	2	2	2	2	4	2	2	1	1	4	122B	
	7	7	2	1	1	3	1	1	2	1	1	2		1	2	2		
	2	4			1		1			2		1				1	123	
	3			1		1					2					1		
	9	3		2	1	3				1	1	1	3	1	2	1	124	
	8	1	2	1	1	3	3	2			1		1	1	1			
	4	2			1	1							1		2	1	124A	
	5	1		2	1	2				1	1	1	2	1			124B	
	8	1	2	1	1	3	3	2			1		1	1	1			
	2				1				1								125	
	7				2			2			1	1						
	2				1							1					125A	
	2				1					1							125B	
	5				1			2					1			1		
	4	1			1		1	1			1			1		1	126	
	14	4	1		2	1	2	5	3				1	2	2	1		
	2		1	1				1					1				2	
	17	7		1		2	2	2	6	3	4	1	1	3		1	127	
	1				1												128	
	1	1					1					1						
	5				1	2					1					1	129	
	1	2					2				1							
	196	113	14	28	1	33	20	31	26	44	36	25	32	28	30	20	27	
	113	73	7	20	1	18	11	18	14	28	27	17	18	16	19	13	14	
	83	40	7	8		15	9	13	12	16	9	8	14	12	11	7	13	
	6	1			1	1	1	1			3					1	130	
	2	1			1	1												
	55	31	5	7	8	5	10	8	10	14	12	10	3	7	3	8	131	
	53	18	3	6	10	7	7	9	5	6	6	8	6	7	4	5		
	6	8		1	1	1	3		2	1		1	2	2	1	1	132	
	8	5	2		1		3	1	3	2	1		1	2		2		
	10	4		1					3	1		4	2	1	3	1	133	
	12	8	1	1	2	1	1	1	4	1		3	3	1	3	2		
	2	4			1		1	1		2				1			134	
	1	1											1	1				
	2	1		1	1	1							1		1		135	
	2	2	1				1		3									
	1	2		2	1			1	1					1		1	136	
	1													1				
	1	2		2	1				1				1		1		136A	
	1												1				136B	
	30	21	2	8	5	3	3	4	11	5	5	3	7	8	3	4	137	
	1	1							1	1							138	
	4	5		1	1		1		1		1	3				3	139	

TABLE 44—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed		
			Un- der 15	Single				Married							
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed	
139A. Of the ovary, Fallopian tube and parametrium	F	5			1						1	1			
139B. Of the uterus	F	5			1						2	2			
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE															
<b>Total</b>		67		2	4						13	48			
140. Abortion with septic conditions	F	21		2	3						4	12			
140A. Abortion	F	8			2							6			
140B. Self-induced abortion	F	13		2	1						4	6			
142. Ectopic gestation	F	3										3			
142A. With septic conditions	F	1										1			
142B. Without mention of septic conditions	F	2										2			
143. Other accidents of preg- nancy (haemorrhage excluded)	F	1										1			
144. Puerperal haemorrhage	F	3									1	2			
144A. Placenta praevia	F	1										1			
144B. Other haemorrhages	F	2										2			
145. Puerperal septicaemia (not specified as due to abortion)	F	15									6	9			
145A. Puerperal septicaemia and pyaemia	F	14									6	8			
145B. Puerperal tetanus	F	1										1			
146. Puerperal albuminuria and eclampsia	F	8			1						2	5			
147. Other toxaeemias of preg- nancy	F	1										1			
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	F	8										8			
148A. Phlegmasia alba dolens and thrombosis	F	2										2			
148B. Embolism	F	6										6			
149. Other accidents of child- birth	F	7										7			
149A. Caesarean operation	F	3										3			
149B. Other surgical opera- tions and instrumental delivery	F	1										1			
149C. Dystocia	F	1										1			
149D. Rupture of uterus in parturition	F	2										2			
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE															
<b>Total</b>		18	3		1						1	2	6	3	2
	M	11	2		1							1	4	3	
	F	7	1								1	2	2		2
151. Carbuncle	M	4	1									1	2		
	F	1										1			
152. Cellulitis, acute abscess	M	5	1		1							2	1		
	F	5	1								1	2			1
153. Other diseases of the skin and annexa and of the cellular tissue	M	2											2		
	F	1													1
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION															
<b>Total</b>		20	8	3			1					2	3	2	1
	M	12	4	3								1	1	2	1
	F	8	4				1					1	2		





TABLE 44—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	
			Under 15	Single					Married					
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed
154. Osteomyelitis.....	M	8	3	3							1		1	
	F	1	1											
155. Other diseases of the bones (tuberculosis ex- cepted).....	M	1												1
	F	1					1							
156. Diseases of the joints and other organs of locomotion.....	M	3	1									1	1	
	F	6	3							1	2			
156A. Of the joints (tuber- culosis and rheumatism excepted).....	M	3	1									1	1	
	F	3	1							1	1			
156B. Of other organs of locomotion.....	M	3	1											
	F	3	2								1			
CLASS XIV.—CONGENITAL MALFORMATIONS														
<b>Total</b> .....		93	91								2			
	M	46	45								1			
	F	47	46								1			
157. Congenital malforma- tions (stillbirths ex- cluded).....	M	46	45								1			
	F	47	46								1			
157A. Congenital hydro- cephalus.....	M	8	8											
	F	12	12											
157B. Spina bifida and menin- gocele.....	M	9	9											
	F	8	7							1				
157C. Congenital malforma- tions of the heart.....	M	16	16											
	F	17	17											
157D. Monstrosities.....	M	1	1											
	F	2	2											
157E. Others under this title.	M	12	11								1			
	F	8	8											
CLASS XV.—DISEASES OF EARLY INFANCY														
<b>Total</b> .....		239	239											
	M	135	135											
	F	104	104											
158. Congenital debility.....	M	5	5											
	F	5	5											
159. Premature birth.....	M	87	87											
	F	73	73											
160. Injury at birth.....	M	25	25											
	F	17	17											
160A. With mention of caesar- ean operation.....	M	1	1											
160B. Without mention of caesarean operation...	M	24	24											
	F	17	17											
161. Other diseases peculiar to early infancy (under 3 months).....	M	18	18											
	F	9	9											
161A. Atelectasis.....	M	9	9											
	F	1	1											
161B. Icterus of the new-born	M	3	3											
	F	3	3											
161E. Others, including lack of care.....	M	6	6											
	F	5	5											
CLASS XVI.—SENILITY														
<b>Total</b> .....		31					2					6		23
	M	11					1					4		6
	F	20					1					2		17

DITION, NATIVITY, AND MONTH OF DEATH—TORONTO, 1934—Continued

Not stated	NATIVITY					MONTHS													
	Canada	British	Foreign		Not stated	Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
			USA	Other															
	7	1				2					2			1	2			1	154
	1							1											
	1							1										1	155
	1	1		1				1			1				1				156
	4	2				1	1				2	1				1		1	156A
	1	1		1				1			1				1				156A
	1	2				1	1				1							1	156B
	3										1	1							
	91	1	1			7	9	6	11	10	6	5	10	3	7	11		8	
	44	1	1			4	7	1	9	5	2	6	6	3	3	5		4	
	47					3	2	5	2	5	4	5	4	3	4	6		4	
	44	1	1			4	7	1	9	5	2	6	6	3	3	5		4	157
	47					3	2	5	2	5	4	5	4	3	4	6		4	
	8					2	2				1	1	1		2				157A
	12					2		1		1	3	1	1	1				2	
	9						1	1	4				1			1		1	157B
	8							2			1		2	1	1	1		1	
	16					2			4	3	1		1		1	2		2	157C
	17					1		1	2	3		4	1	1	1	3		1	157D
	1																	1	
	2								1									1	
	10	1	1				4		1	2			3					2	157E
	8						2	1		1					2			1	
	238				1	25	18	32	22	22	28	13	16	16	14	16		17	
	134				1	16	10	15	14	14	12	7	9	9	10	8		11	
	104					9	8	17	8	8	16	6	7	7	4	8		6	
	5					1			2	1	1								158
	5					1		1						2				1	
	86			1		11	8	10	6	7	7	6	6	6	6	5		9	159
	73					3	5	11	5	7	16	4	5	4	4	7		2	
	25					1	1	3	4	4	2	1	2	1	3	2		1	160
	17					4	3	3	2			1	1			1		2	
	1													1					160A
	24					1	1	3	4	4	2	1	2		3	2		1	160B
	17					4	3	3	2			1	1			1		2	
	18					3	1	2	2	2	2		1	2	1	1		1	161
	9					1		2	1	1		1	1	1				1	
	9					1	1	1	1	1	1		1	1				1	161A
	1											1							
	3					1			1	1									161B
	3							1	1				1						
	6					1		1			1			1	1	1		1	161E
	5					1		1		1				1				1	
	16	11	2	2		2	2	2	5	5	2	1	4	2	3	2		1	
	4	5	1	1		1		1	2	2		1	1	1	1	1		1	
	12	6	1	1		1	2	1	3	3	2		3	1	2	1		1	

TABLE 44—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed		
			Under 15	Single					Married						
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed	
162. Senility.....	M	11					1						4		6
	F	20					1						2		17
162A. With senile dementia (70 years and over)...	M	2												2	
	F	9					1						2		6
162B. Without senile demen- tia (70 years and over)	M	9					1						2		6
	F	11													11
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS															
<b>Total</b> .....		422	58	30	28	16	29	1	2	48	87	34			89
	M	269	39	25	24	10	13	1	1	39	67	22			28
	F	153	19	5	4	6	16		1	9	20	12			61
163-171. Suicides.....	M	55		3	10	3	1		1	12	19	3			3
	F	22		3	3	3				4	5				4
163. Suicide by solid or liquid poisons or by absorp- tion of corrosive sub- stances.....	M	20			5	1			1	7	5				1
	F	12		2	3					1	4				2
164. Suicide by poisonous gas	M	13		1	1		1			4	6				1
	F	5				2				2					
165. Suicide by hanging or strangulation.....	M	3			1					1		1			
	F	1				1									
166. Suicide by drowning...	M	2			1										1
	F	1													1
167. Suicide by firearms.....	M	9		2	1						5	1			
168. Suicide by cutting or piercing instruments..	M	2				1					1				
	F	1									1				
169. Suicide by jumping from high places.....	M	5			1	1					2				1
	F	2		1						1					
170. Suicide by crushing...	M	1										1			
173-175. Homicides.....	M	4	1			1					2				
	F	1								1					
174. Homicide by cutting or piercing instruments..	M	1									1				
175. Homicide by other means	M	3	1			1					1				
	F	1								1					
176-198. Other violent deaths	M	210	38	22	14	6	12	1		27	46	19			25
	F	130	19	2	1	3	16		1	4	15	12			57
176. Attack by venomous animals.....	M	1	1												
178. Accidental absorption of toxic gases.....	M	14	3		1		1			2	6				1
	F	7							1	1	2				3
179. Other acute accidental poisonings (except by gas).....	M	9			2					1	3	3			
	F	2									2				
180. Conflagration.....	M	3								1	1				1
	F	1													1
181. Accidental burns (con- flagration excepted)...	M	14	6							3	3	1			1
	F	9	5	1						1	1				1
182. Accidental mechanical suffocation.....	M	8	7								1				
	F	5	3							1	1				
183. Accidental drowning...	M	15	3	5	1	1				1	1				3
	F	4	2							1					1
184. Accidental injury by fire- arms.....	M	1		1											
185. Accidental injury by cut- ting or piercing instru- ments.....	M	4			1	1				1	1				
186. Accidental injury by fall, crushing or landslide..	M	127	18	15	7	4	10			14	27	14			18
	F	96	8	1	1	2	16				9	12			47

DITION, NATIVITY, AND MONTH OF DEATH—TORONTO, 1934—Continued

Not stat- ed	NATIVITY					MONTHS												
	Cana- da	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
4	5	1	1	1	1		1	2	2		1	1	1	1	1	1	1	162
12	6	1	1	1	1	2	1	3	3	2		3	1	1	2	1	1	1
1			1				1		2		1					1	1	162A
7	1		1									3	1					1
3	5	1			1		1	2	2			1	1		1			162B
5	5	1			1	1	1	1	3	2					1		1	1
218	129	17	44	14	32	31	33	31	39	30	41	39	34	37	36	39		
135	74	13	36	11	19	13	19	19	25	23	27	23	22	23	27	29		
83	55	4	8	3	13	18	14	12	14	7	14	16	12	14	9	10		
24	17	2	10	2	6	2	5	5	3	7	4	5	4	7	4	3		163-
10	9	1	1	1	1	4		3	2		5	1	1	2		5		171
11	3	1	5		2			2	2	2	2	4		3	2	1		163
5	4	1	1		1	2		1	2		1	1	1	1	1	1		164
4	5		3	1	2		2	2		1	1	1	1	2	1	2		164
3	2					1		1			1							2
1	1		1				1			1						1		165
1	1						1			1					1			166
4	5				1	2		1		2			2	2	2			167
			1	1					1		1							168
3	1	1			1			1					1				2	169
1	1					1		1										170
1		1	1	1					1	1		1					1	173-
1											1							175
	1																	174
1		1	1	1					1	1		1						175
111	56	10	25	8	13	11	14	14	21	15	23	17	18	16	23	25		176-
72	46	3	7	2	12	14	14	9	12	7	8	15	11	12	9	7		198
1														1				176
8	3	1	2		1	1	1		2	2				3	1	3		178
2	4		1		1				1				2	2	1			178
5	1	2	1				1	1		2			2		2	1		179
2	2							1					1	1				180
9	4		1		1			2			2	2	2	1	3	1		181
8			1		2	2			1			1		1	1	1		181
7	1						2	2		3				1	2			182
5						2		1		1								182
6	4	1	1	3			1	2	3	3	5	1						183
3	1									1	1	2						183
1									1									184
3		1							2			1	1					185
62	39	4	19	3	10	10	7	9	12	3	12	13	10	9	15	17		186
48	38	3	5	2	9	10	10	8	8	6	7	10	8	8	7	5		186

TABLE 44—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Under 15	Single					Married					Wid-owed	
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated		
188. Injury by animals.....	M	1			1										
189. Hunger or thirst.....	F	1				1									
190. Excessive cold.....	M	1							1						
191. Excessive heat.....	M	1										1			
193. Accidents due to electric currents.....	M	3			1						2				
194. Other accidents.....	M	8		1					1		2	2	1		1
	F	5	1												4
194A. Foreign body.....	M	1								1					1
194B. Others under this title.	M	7		1					1		1	2	1		1
	F	5	1												4
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH															
<b>Total</b> .....		2	1										1		
	M	1											1		
	F	1	1												
199. Sudden death.....	M	1											1		
200. Cause of death not specified or ill-defined....	F	1	1												

SPECIAL CLASSES OF  
(Included also under the numbers  
TORONTO,

B. Accidents caused by machines.....	M	3									2	1			
C. Railway accidents.....	M	5		1								4			
D. Street-car accidents.....	M	6	1								1	2			2
	F	4	2						1						1
E. Automobile and motorcycle accidents.....	M	72	16	14	6	3	4				3	17	4		5
	F	16	6	1	1		3					3			2
F. Other land transportation.	M	8	1			1	1				1	2	1		1
	F	1					1								
G. Water transportation.....	M	7		3							1	1			2
	F	2	1								1				
H. Air transportation.....	M	1									1				

DITION, NATIVITY, AND MONTH OF DEATH—TORONTO, 1934—Continued

Not stat- ed	NATIVITY				MONTHS													
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.		Dec.
			USA	Other														
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	188
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	189
.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	191
.....	2	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	2	.....	.....	.....	.....	193
.....	3	3	.....	.....	2	.....	.....	1	.....	.....	.....	2	1	.....	2	1	.....	194
.....	4	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1	194A
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	194B
.....	3	2	.....	.....	2	.....	.....	1	.....	.....	.....	1	.....	.....	2	1	.....	194B
.....	4	1	.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....	1	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	199
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	200

ACCIDENTAL DEATHS

of the International List above)

1934

.....	1	1	.....	1	.....	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	B
.....	1	3	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	C
.....	1	4	.....	1	.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	3	.....	D
.....	2	1	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
.....	42	13	3	12	2	6	6	3	6	6	1	7	9	9	4	7	8	.....	E
.....	9	3	.....	3	.....	.....	.....	1	1	3	.....	1	2	4	1	2	1	.....	.....
.....	4	3	.....	.....	1	.....	.....	.....	.....	1	1	2	1	1	1	.....	.....	1	F
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	4	.....	.....	1	.....	.....	.....	1	.....	1	.....	3	.....	.....	.....	.....	.....	.....	G
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	H

TABLE 45—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											Widowed		
			Under 15	Single					Married							
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated			
<b>DEATHS—ALL CAUSES</b>																
<b>Total</b> .....		<b>1462</b>	<b>214</b>	<b>32</b>	<b>24</b>	<b>56</b>	<b>80</b>	.....	<b>13</b>	<b>119</b>	<b>255</b>	<b>266</b>	.....	<b>403</b>		
M	F	748 714	122 92	21 11	12 12	31 25	35 45	.....	2 11	50 69	143 112	192 74	.....	140 263		
<b>CLASS I.—INFECTIOUS AND PARASITIC DISEASES</b>																
<b>Total</b> .....		<b>76</b>	<b>25</b>	<b>3</b>	<b>6</b>	<b>4</b>	<b>3</b>	.....	<b>1</b>	<b>7</b>	<b>13</b>	<b>4</b>	.....	<b>10</b>		
M	F	40 36	15 10	1 2	3 3	3 1	1 2	.....	..... 1	2 5	8 5	2 2	.....	5 5		
8. Scarlet fever.....	M	4	3								1					
9. Whooping-cough.....	M	1	1													
	F	6	6													
11. Influenza.....	M	3	1								1	1				
	F	9	1				1				2	1		4		
11B. With bronchitis.....	M	1										1				
11C. With pneumonia.....	M	2	1								1					
	F	5	1				1				1			2		
11D. With other diseases of the respiratory system	F	1												1		
11F. With other causes.....	M	3									1	1		1		
13. Dysentery.....	F	2	1											1		
15. Erysipelas.....	M	3				1					1	1				
	F	1					1									
16. Poliomyelitis and polioencephalitis (acute).....	M	2	1	1												
17. Lethargic or epidemic encephalitis.....	M	1	1													
	F	1			1											
18. Epidemic cerebrospinal meningitis.....	M	1									1					
22. Tetanus.....	M	2	1		1											
	F	1	1													
23-32. Tuberculosis.....	M	11	2		2	2				1	2			2		
	F	14	1	2	2	1				5	2	1				
23. Tuberculosis of the respiratory system.....	M	6			2						2			2		
	F	12		2	2	1				5	1	1				
24. Tuberculosis of the meninges and central nervous system.....	M	3	2							1						
	F	1	1													
26. Tuberculosis of the vertebral column.....	F	1									1					
32. Disseminated tuberculosis.....	M	2				2										
32C. Not specified.....	M	2				2										
34. Syphilis.....	M	4	3				1									
	F	1												1		
36. Purulent infection, septicaemia (non-puerperal)	M	5								1	2			2		
	F	3	1						1		1					
43. Mycoses.....	M	1	1													
	F															
<b>CLASS II.—CANCER AND OTHER TUMOURS</b>																
<b>Total</b> .....		<b>232</b>		<b>1</b>	<b>4</b>	<b>12</b>	<b>15</b>	.....	<b>1</b>	<b>18</b>	<b>67</b>	<b>49</b>	.....	<b>65</b>		
M	F	120 112			3 1	6 6	7 8	.....	1 .....	4 14	39 28	39 10	.....	21 44		
45-53. Cancer and other malignant tumours.....	M	114			2	6	6	.....	1	4	39	38	.....	18		
	F	102				6	8	.....		12	25	10	.....	41		
45. Cancer of the buccal cavity and pharynx.....	M	6				1	1	.....			3		.....	1		
	F	3						.....			2		.....	1		
46. Cancer of the digestive tract and peritoneum.....	M	68			1	4	2	.....		4	24	23	.....	10		
	F	48				3	4	.....		3	12	6	.....	20		





TABLE 45—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed			
			Under 15	Single					Married							
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed		
46A. Of the oesophagus.....	M	2			1	1										
	F	1														1
46B. Of the stomach and duo- denum.....	M	27		1	2					10	10					4
	F	23			3	1				2	4					12
46C. Of the rectum.....	M	8								1	4	1				2
	F	3								1	1					1
46D. Of the liver and biliary ducts.....	M	10			1					2	4	3				2
	F	4									1	1				
46E. Of the pancreas.....	M	3									2	1				
	F	2									2					
46G. Of other organs.....	M	18				1				1	4	8				4
	F	15					3			1	6	1				4
47. Cancer of the respiratory organs.....	M	9				1					3	3				2
	F	5			1		1			2						1
47A. Of the larynx.....	M	1														1
47B. Of the lung.....	M	7				1					1	3				2
	F	3			1		1									
47C. Of the mediastinum.....	M	1									1					
47D. Of other organs of the respiratory system.....	M	2										2				
48. Cancer of the uterus.....	F	13					1			5	3					4
48A. Of the uterus.....	F	8								4	2					2
48B. Of the cervix uteri.....	F	5					1			1	1					2
49. Cancer of other female genital organs.....	F	5			1		1			1		1				1
50. Cancer of the breast.....	F	20									7	2				11
51. Cancer of the male genito- urinary organs.....	M	17		1			1			7	4					4
51A. Of the bladder.....	M	9					1			4	1					3
51B. Of the kidney.....	M	2		1												
51C. Of the prostate gland.....	M	6									2	3				1
52. Cancer of the skin.....	M	8			1		1		1			5				
	F	1														1
53. Cancer of other or not specified organs.....	M	6					1				2	3				1
	F	7			1		1			1	1	1				2
53C. Of the glandular system	M	2										2				
	F	1					1									
53D. Of the female urinary organs.....	F	2			1							1				
53E. Of the bones and joints	M	1										1				
53F. Of the brain.....	F	1								1						
53H. Of the neck.....	M	2									1					1
	F	1														1
53I. Of the abdomen.....	M	1									1					1
	F	1														1
53K. Multiple cancer.....	F	1									1					
54. Non-malignant tumours.	M	6		1			1					1				3
	F	9		1						2	3	1				3
54A. Of the ovary.....	F	3								2	1					
54B. Of the uterus.....	F	3									2					
54D. Of the brain.....	M	3		1			1									1
	F	2														2
54F. Of the prostate gland.....	M	2										1				1
54G. Of other or unspecified sites.....	M	1														1
	F	1														1
55. Tumours, nature not spec- ified.....	F	1		1												
55D. Of the brain.....	F	1		1												
CLASS 111.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES																
Total.....		34	3			2	3				5	12	4			5
	M	12	1				1				2	5				3
	F	22	2			2	2				3	7	4			2
56. Acute rheumatic fever..	F	2	2													
57. Chronic rheumatism, os- teo-arthritis.....	F	1					1									
59. Diabetes mellitus.....	M	8					1			1	3					3
	F	12				1				1	5	3				2

DITION, NATIVITY, AND MONTH OF DEATH—HAMILTON, 1934—Continued

Not stated	NATIVITY				MONTHS												
	Canada	British	Foreign		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other													
1	1						1				1						46A
9	15	1	2		2	2	4	1	2		2	2	1	7	3	1	46B
10	11		2		1	2		4	3	5	3	1	2	2			46C
3	4		1		2				3	1			1				
1	2				1	1				1							
4	6				1	1		1		2	1		1	1	1		46D
1	3							1		1		1					46E
3								1	1								
2								1							1		
9	7	1	1		1	2	3		2	5	2	2	2	1	1	1	3 46G
6	7		1	1					2	2	2	1		2	1	1	3
7	2						2			1		2	1	1	1	1	47
2	2	1				2					1	1			1		
1						1											47A
6	1						2			1							47B
1	1	1				1					1				1		
1	1										1						47C
1	1											1					47D
6	6		1		1	1	1	2			1		1	1	2	3	48
2	5		1				1	1			1			1	2	2	48A
4	1				1	1		1					1			1	48B
4		1				1	2					1		1			49
16	4				2	1		1	1	3	4	2	3		2	1	50
12	5				1	1				1	3	3	2	3	2	1	51
7	2				1	1					2	2	1	2			51A
5	2					1						1				1	51B
5	1							2	2	1		1	1	1	2		51C
5	2								1			1	1				52
1									1								
4	2							1	1	1	1	1		1			53
4	3						1	1	1		2		1				53C
2											1				1		
1											1						
2								1					1				53D
1									1								53E
1							1										53F
1								1		1							53H
1	1									1							53I
1	1										1		1				
5	1		1														53K
5	4				2		1		2			1	1	1	1		54
2	1					2	1		1								54A
2	1					1			1					1			54B
2			1		1										1		54D
2	2							1				1	1				54F
1																	
1					1				1								54G
1																	
1											1						55
1											1						55D
25	7		2		4	2	2	4	3	4	2	1	3	4	3	2	
8	3		1		2	1		1	2	1		1		1	2	1	
17	4		1		2	1	2	3	1	3	2		3	3	1	1	
2						1								1			56
5	1							1							1	1	57
3	3				2			1		1		1		1	1	1	59
11	1						2	1	1	2	1		1	2	1	1	





TABLE 45—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed				
			Under 15	Single					Married								
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed			
82d. Hemiplegia and other paralysis, cause not specified.....	M	1					1										
	F	2												1			1
83. General paralysis of the insane.....	F	2															2
85. Epilepsy.....	M	2									2						
	F	2		1						1							
87. Other diseases of the nervous system.....	M	3										1	1	1			1
	F	3	1								1						1
87B. Neuralgia and neuritis.....	F	1								1							
87C. Paralysis agitans.....	M	2											1				1
87E. Others under this title.....	M	1										1					
	F	2	1														1
89 Diseases of the ear and mastoid process.....	M	3	1	1										1			
	F	4	3									1					
89A. Otitis.....	M	2	1											1			
	F	1	1														
89B. Mastoid process.....	M	1		1													
	F	3	2									1					
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																	
Total.....		456	3	4	5	18	34			1	20	77	105				183
	M	241	3	3	1	10	15				13	53	76				67
	F	209		1	4	8	19			1	7	24	29				116
90-95. Diseases of the heart.....	M	169	3	3	1	8	9				11	44	46				44
	F	128		1	3	7	13			1	6	16	15				66
91. Acute endocarditis.....	M	6	1	2							2		1				
91A. Specified as acute.....	M	6	1	2							2		1				
92. Chronic endocarditis, valvular diseases.....	M	23	2								2	4	7				8
	F	26				2	1			1	1	3	2				10
92A. Endocarditis specified as chronic and other valvular diseases.....	M	23	2								2	4	7				8
	F	19				2	1			1	1	3	2				9
92B. Endocarditis, unspecified, 45 years and over.....	F	1															1
93. Diseases of the myocardium.....	M	54		1		2	4				2	15	14				16
	F	66			1	2	9				5	6	9				34
93A. Acute myocarditis.....	M	4										1	3				1
	F	3					1				1						
93B. Myocarditis, unspecified, under 45 years of age.....	F	3			1						2						
93C. Chronic myocarditis and myocardial degeneration.....	M	38		1		2	3				2	9	10				11
	F	37				2	5				2	2	6				20
93D. Myocarditis, unspecified, 45 years and over.....	M	12					1					5	1				5
	F	25					3					4	3				13
94. Diseases of the coronary arteries and angina pectoris.....	M	77				6	5				5	23	21				17
	F	34		1	2	2	3					6	3				17
94A. Diseases of the coronary arteries.....	M	7				2						2	2				1
94B. Embolism and thrombosis of coronary arteries.....	M	66				2	5				5	17	17				14
	F	31		1	1	2	3					6	3				15
94C. Angina pectoris.....	M	10				2						4	2				2
	F	3			1								2				2
95. Other diseases of the heart.....	M	9			1							2	3				3
	F	8				1						1	1				5
95A. Functional diseases of the heart.....	M	2										2					2
	F	2															
95B. Other and unspecified.....	M	7			1								3				3
	F	6				1						1	1				3

DITION, NATIVITY, AND MONTH OF DEATH—HAMILTON, 1934—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
1									1									82D
	2									1								1
2		2													1	1		83
2												1						85
1	2						1					1			1			87
1	1			1				1		1		1						87B
1		1		1						1						1		87C
1		1										1						87E
1	1							1				1						89
3									1				1	1				89
4						2			1							1		89A
2									1				1					89A
1									1									89B
1						2									1			89B
3																		
223	187	18	20	2	41	47	36	35	51	34	36	28	27	35	41	39		
119	99	8	14	1	18	20	17	21	28	17	17	22	16	25	21	19		
104	88	10	6	1	23	27	19	14	23	17	19	6	11	10	20	20		
82	68	7	11	1	16	16	12	12	17	11	12	13	9	19	16	16	90-95	
59	55	8	5	1	15	17	13	9	13	8	13	4	6	7	11	12		
4	2								1			2		1	1	1	91	
4	2								1			2		1	1	1	91A	
14	6	2	1		2	4	2	1	1	2	1	1	1	4	1	3	92	
9	10			1	3	2	4	1	2		3		1	3		1		
14	6	2	1		2	4	2	1	1	2	1	1	1	4	1	3	92A	
9	9			1	3	2	4		2		3		1	3		1		
	1							1									92B	
23	27	1	3		9	3	3	3	7	4	5	3	2	5	7	3	93	
32	27	4	3		8	10	3	7	6	6	7	2	2	3	8	4		
2	1		1		1				1						2		93A	
2	1								1	1					1			
1	2				2	1											93B	
18	19		1		8	2	2	3	3	2	4	3	2	4	2	3	93C	
18	14	3	2		3	6	2	5	2	2	5	1	2	2	3	4		
3	7	1	1			1	1		3	2	1			1	3		93D	
11	10	1	1		3	3	1	2	3	3	2	1		1	4			
37	28	4	7	1	5	9	6	8	7	4	3	8	4	7	6	10	94	
16	13	4	1		4	4	5	1	5	2	2		1	1	2	7		
3	3	1				1	1		1	1		1		1		1	94A	
27	22	3	7	1	4	8	4	8	4	2	2	6	3	5	5	9	94B	
14	13	3	1		3	3	5	1	5	2	2			1	2	7		
7	3				1		1		2	1	1	1	1	1	1		94C	
2		1			1	1												
4	5						1		1	1	1	1	1	2	1		95	
4	5		1			1			1		1	2	2		1			
2	2													1	1		95A	
2							1							1				
4	3							1		1	1	1		1	1		95B	
4	5		1					1			1	2	1		1			

TABLE 45—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed			
			Under 15	Single					Married							
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed		
96. Aneurysm (except of the heart).....	M	3			1					1						1
97. Arteriosclerosis (of coronary arteries excepted).....	M	51					5					7	24			15
	F	64			1		4					4	13			42
98. Gangrene.....	M	2											1			1
	F	1											1			
99. Other diseases of the arteries.....	M	4					1					1	1			1
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.).....	M	1											1			
	F	2					1					1				
102. Idiopathic abnormalities of blood pressure.....	M	11			1						1	1	3			5
	F	14			1		1				1	3				8
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																
<b>Total</b> .....		131	32	2	1	7	6				3	13	29			38
	M	58	18		1	2	2				1	5	20			9
	F	73	14	2		5	4				2	8	9			29
104. Diseases of the nasal fossae and annexa.....	M	1				1										
105. Diseases of the larynx.....	M	1	1													
	F	1	1													
105A. Croup.....	F	1	1													
105B. Other diseases of the larynx.....	M	1	1													
106. Bronchitis.....	M	1										1				1
	F	2					1									1
106A. Acute.....	F	1														1
106B. Chronic.....	M	1										1				1
	F	1					1									1
107. Bronchopneumonia.....	M	29	15		1								10			3
	F	35	11				3				1		3			17
107A. Bronchopneumonia.....	M	29	15		1								10			3
	F	35	11				3				1		3			17
108. Lobar pneumonia.....	M	18	2			1	1				1	2	7			4
	F	21	1	2		4					1	4	5			4
109. Pneumonia, unspecified.....	M	1														1
	F	5	1									2				2
110. Pleurisy.....	M	1											1			
	F	2				1						1				
111. Congestion and haemorrhagic infarct of the lung, etc.....	M	4					1					1	1			1
	F	5											1			4
111A. Pulmonary embolism and thrombosis.....	M	1										1				1
111B. Others under this title.....	M	3					1						1			4
	F	5											1			1
112. Asthma.....	M	1											1			
	F	1														1
114. Other diseases of the respiratory system (tuberculosis excepted).....	M	1										1				
	F	1										1				
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system.....	M	1										1				
114C. Others under this title.....	M	1										1				
	F	1										1				
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																
<b>Total</b> .....		111	29	6	3	2	2			1	16	22	12			18
	M	62	23	6	2	1					9	9	7			5
	F	49	6		1	1	2			1	7	13	5			13



DITION, NATIVITY, AND MONTH OF DEATH—HAMILTON, 1934—Continued

Not stated	NATIVITY					MONTHS											
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
.....	.....	1	1	1	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	96
.....	28	21	.....	2	.....	1	3	3	7	8	4	4	5	5	3	3	97
.....	35	26	2	1	.....	8	5	5	5	8	6	4	1	4	5	8	7
.....	1	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	98
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	.....	.....	99
.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100
.....	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	7	4	.....	.....	.....	.....	1	1	2	2	1	.....	3	.....	.....	1	102
.....	8	6	.....	.....	.....	.....	3	1	.....	2	3	2	1	1	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	87	32	5	7	.....	20	15	16	9	18	7	8	1	12	9	6	10
.....	36	16	2	4	.....	5	8	8	3	11	1	4	.....	3	5	5	5
.....	51	16	3	3	.....	15	7	8	6	7	6	4	1	9	4	1	5
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	104
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	105
.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	105A
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	105B
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	106
.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	106A
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	106B
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	20	6	2	1	.....	4	4	3	3	4	.....	3	.....	2	1	2	3
.....	30	3	1	1	.....	5	3	2	3	5	4	1	1	5	2	1	3
.....	20	6	2	1	.....	4	4	3	3	4	.....	3	.....	2	1	2	3
.....	30	3	1	1	.....	5	3	2	3	5	4	1	1	5	2	1	3
.....	9	6	.....	3	.....	1	1	4	.....	5	1	.....	.....	1	1	1	2
.....	12	7	1	1	.....	7	1	3	2	1	1	.....	.....	3	2	.....	108
.....	3	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	109
.....	1	1	.....	.....	.....	3	.....	1	.....	.....	1	.....	.....	.....	.....	.....	110
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3	1	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	1	.....	111
.....	2	3	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	1	.....	.....	1
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	111A
.....	2	3	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	111B
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	112
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	114
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	114A
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	114C
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	72	23	4	12	.....	11	9	16	9	6	8	12	7	11	10	7	5
.....	44	7	2	9	.....	7	5	12	5	1	5	5	2	4	9	4	3
.....	28	16	2	3	.....	4	4	4	4	5	3	7	5	7	1	3	2



DITION, NATIVITY, AND MONTH OF DEATH—HAMILTON, 1934—Continued

Not stated	NATIVITY				Not stated	MONTHS											
	Canada	British	Foreign			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
	2	1					1				2						115
	2						1				1						
	1							1			1						115A
	1	1						1			1						115c
	2						1				1						
	1	1									1					1	116
	4	1	1	5			4		1	1	1		2	1	1		117
	1	1										1		1			117A
	1	1		3			4		1								
	1	1										1		1			117B
	3		1	2						1	1		2	1	1		
	1						1										118
	13						1	4	3		1		1	3			119
	3						1		1						1		
	2			2			1							2	1		120
	4	2					1					1	3				120A
	1	1											2				
	2			2			1							2	1		120B
	3	1					1					1	1				121
	9	1					1		3	1				2			
	2	3	1				1	1			2	1	1				
	6	3		1			2	1		3		1		1			2122
	5	3	1	3			1		4	3		2	1				1
	2	1		1			1	1				1					122A
	1	1	1				1		1	2							
	4	2		1			1			3				1			122B
	4	2		2					3	1		2	1				1
	1										1						123
	3		1				1				1		1		1		124
	1												1				
	3		1				1				1			1		1	124B
	1												1				
	1														1		125
	1														1		125B
	2	1								1		1	1				126
	2			1					1							1	127
	6	5					1	3	1		1	2	1	1			
	1								1								129
	58	29	1	10	1	7	6	10	7	6	9	7	8	7	13	7	12
	34	17		4	1	3	5	7	2	4	3	5	3	6	8	1	9
	24	12	1	6		4	1	3	5	2	6	2	5	1	5	6	3
	3	1					1	1		1	1						130
	2								1							1	
	16	9		2		1	1	5	2	2	2	3	1	3	3		4131
	12	6	1	3		1	1	2	3	1	2	1	2	1	3	2	3
	5					1	1							1	1		1132
	5	2				2				1	3					1	
	1	1			1			1							1		1133
	3	1		1		1		1				1	1				





TABLE 45—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION														
			Under 15	Single					Married					Widowed			
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated				
155. Other diseases of the bones (tuberculosis excepted).....	M F	2 1					1						1				1
CLASS XIV.—CONGENITAL MALFORMATION																	
<b>Total</b> .....		28	28														
	M F	17 11	17 11														
157. Congenital malformations (stillbirths excluded).....	M F	17 11	17 11														
157A. Congenital hydrocephalus.....	M F	3 1	3 1														
157B. Spina bifida and meningocele.....	M F	3 4	3 4														
157C. Congenital malformations of the heart.....	M F	7 5	7 5														
157E. Others under this title.....	M F	4 1	4 1														
CLASS XV.—DISEASES OF INFANCY																	
<b>Total</b> .....		63	63														
	M F	31 32	31 32														
158. Congenital debility.....	F	3	3														
159. Premature birth.....	M F	18 19	18 19														
160. Injury at birth.....	M F	10 5	10 5														
160A. With mention of caesarean operation.....	F	1	1														
160B. Without mention of caesarean operation.....	M F	10 4	10 4														
161. Other diseases peculiar to early infancy (under 3 months).....	M F	3 5	3 5														
161A. Atelectasis.....	M	1	1														
161B. Icterus of the new-born.....	M F	2 1	2 1														
161E. Others, including lack of care.....	F	4	4														
CLASS XVI.—SENILITY																	
<b>Total</b> .....		13					2						4				7
	M F	5 8					1 1						3 1				1 6
162. Senility.....	M F	5 8					1 1						3 1				1 6
162A. With senile dementia (70 years and over).....	M F	1 2					1						1				1
162B. Without senile dementia (70 years and over).....	M F	4 6					1						2 1				1 5

DITION, NATIVITY, AND MONTH OF DEATH—HAMILTON, 1934—Continued

Not stat- ed	NATIVITY					MONTHS												
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
	2						1				1							155
	1						1											
	28					1	1	4	3	2	2		2	4	2	5	2	
	17					1		3		1	2		1	3	2	2	2	
	11						1	1	3	1			1	1		3		
	17					1		3		1	2		1	3	2	2	2	157
	11						1	1	3	1			1	1		3		
	3							1						2				157A
	1								1									
	3							1							1			157B
	4						1		1	1						1		
	7					1				1	2		1	1		1		157C
	5							1	1				1	1		1		
	4							1							1	1	1	157E
	1															1		
	63					7	7	7	5	6	6	5	2	5	6	3	4	
	31					3	4	4	1	3	4	2	1	2	3	2	2	
	32					4	3	3	4	3	2	3	1	3	3	1	2	
	3						2	2	1									
	18					2	2	2		3	2	1		1	2	2	1	159
	19					3	1	1	1	2	2	3	1	1	2		2	
	10					1	2	2	1		1	1	1	1				160
	5					1			1					2		1		
	1															1		160A
	10					1	2	2	1		1	1	1	1				160B
	4					1			1					2				
	3							2	1	1					1			161
	5										1				1			
	1										1							161A
	2								1						1			161B
	1																	
	4							2		1					1			161E
	4	9					2		1		3	1	1	1	2	2		
	1	4					2				1			1		1		
	3	5							1			1	1		2	1		
	1	4					2				1			1		1		162
	3	5							1		2	1	1		2	1		
	1	1										1				1		162A
	1	3											1			1		
	1	4					2							1		1		162B
	2	4							1		2	1			2			

TABLE 45—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	
			Un- der 15	Single					Married					
				12-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed
<b>CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS</b>														
<b>Total</b> .....		93	10	9	2	5	6	.....	1	13	14	15	.....	18
	M	55	8	7	2	4	2	.....	1	11	7	9	.....	4
	F	38	2	2	.....	1	4	.....	.....	2	7	6	.....	14
163-171. Suicides.....	M	7	.....	1	.....	1	.....	.....	1	3	1	.....	.....	.....
	F	4	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....	1
163. Suicide by solid or liquid poisons or by absorption of corrosive sub- stances.....	M	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
164. Suicide by poisonous gas	M	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
165. Suicide by hanging or strangulation.....	F	2	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
167. Suicide by firearms.....	M	3	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....
168. Suicide by cutting or piercing instruments.....	M	2	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
173-175. Homicides.....	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
174. Homicide by cutting or piercing instruments.....	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
176-198. Other violent deaths	M	48	8	7	1	3	2	.....	.....	8	6	9	.....	4
	F	33	2	1	.....	1	4	.....	.....	.....	6	6	.....	13
178. Accidental absorption of toxic gases.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
179. Other acute accidental poisonings (except by gas).....	F	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
180. Conflagration.....	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
181. Accidental burns (con- flagration excepted).....	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	5	.....	1	.....	.....	1	.....	.....	.....	2	.....	.....	1
182. Accidental mechanical suffocation.....	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
183. Accidental drowning.....	M	7	1	1	1	.....	.....	.....	.....	2	1	.....	.....	1
186. Accidental injury by fall, crushing or land- slide.....	M	36	5	6	.....	3	2	.....	.....	6	4	7	.....	3
	F	22	1	.....	.....	.....	2	.....	.....	.....	4	5	.....	10
188. Injuries by animals.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
194. Other accidents.....	M	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
194A. Foreign body.....	M	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
194B. Others under this title	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
<b>CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH</b>														
<b>Total</b> .....		2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
	M	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
190. Sudden death.....	M	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

SPECIAL CLASSES OF  
(Included also under the numbers  
HAMILTON,

c. Railway accidents.....	M	4	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....	1
E. Automobile and motor- cycle accidents.....	M	18	5	3	.....	1	1	.....	.....	2	3	4	.....	1
	F	9	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	5
F. Other land transportation.	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
G. Water transportation....	M	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....











DITION, NATIVITY, AND MONTH OF DEATH—OTTAWA, 1934—Continued

Not stated	NATIVITY					MONTHS											
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
	186	38	4	7	1	25	24	19	18	20	14	21	18	22	18	16	21
	86	18	2	5		13	14	9	12	6	6	7	9	9	10	7	9
	100	20	2	2	1	12	10	10	6	14	8	14	9	13	8	9	12
	82	18	2	5		12	14	7	12	6	6	7	8	9	10	7	9
	90	20	2	2	1	11	10	10	4	13	7	12	8	12	8	8	12
	12	2				3	1	1	1		1			1	3	2	1
	1																1
	43	9	1	4		6	7	4	6	3	4	4	6	5	5	4	3
	39	8		1		3	2	5	1	7	3	4	5	5	5	4	4
	3	2				1	1			1							1
	1																1
	13	3	1	3		3	1		3	1	3	2	3	1	3		46B
	15	4				3	1	2		4		2	2	2	1	1	1
	7	1					2	1	1			1	1	1	1	1	46C
	6										1	1	1	1	1	1	1
	6					1				1	1				1	3	46D
	8	2		1			1	2		1	1		2	1	1	1	46E
	2								1				1				1
	2									1							1
	12	3		1		1	3	3		1		1	1	3	1	1	46G
	7	2						1	1	1	1	1	1	1	2	1	1
	2																2
	1					1											47
	1					1											47B
	2					1											47C
	19	7	1		1	1	3	3	2	3	3	4		2	1	3	48
	17	3				1	2	3	2	2	2	3			1	1	48A
	2	4	1		1	1	1			1	1	1		2	2		48B
	4	2				1	2							1			49
	14	1		1		5	2	1			1		1	3	1		50
	12	5		1		1	2	1	4	3	1			2	2	1	51
	5	3		1			1	1	2	3							51A
	3						1				1						51B
	3	1							2							1	51C
	1	1				1								1			51D
	2					1								1			52
	1	1								1							
	11	2	1			1	4	1	1			3	2				53
	11	1	1				1	1	1	2		3	2	1	1	1	
	1																1
	3		1			1	1						2				53B
	1															1	53C
	3									1			1		1		53D
	2	1						1					1				53E
	1	2					2						1				53F
	2		1				1		1								
	2							1									1
	1											1					53H
	1											1					53I
	3						1		1			1					53J
	1													1			
	1											1					53K
	2					1		1									54
	10					1			2	1	1	2	1	1		1	
	4					1				1	1	1					54A
	3								1	1	1	1					54B
	1					1											54D
	3								1				1	1			54E
	1							1									54F
	2								1				1				55
	2								1				1				55D

TABLE 46—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated	
<b>CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES</b>														
<b>Total</b> .....		43	7	1	1	2	3			2	11	7		9
	M	23	5	1		1	2			1	8	3		2
	F	20	2		1	1	1			1	3	4		7
56. Acute rheumatic fever.....	M	2		1							1			
57. Chronic rheumatism, osteo-arthritis.....	M	1					1							
	F	5				1	1							3
59. Diabetes mellitus.....	M	14				1	1			1	6	3		2
	F	10								1	3	3		3
63. Rickets.....	M	1	1											
	F	1	1											
66. Diseases of the thyroid and parathyroid glands	M	2	1								1			
	F	1												1
66B. Exophthalmic goitre.....	M	1									1			
	F	1												1
66D. Tetany.....	M	1	1											
67. Diseases of the thymus gland.....	M	3	3											
	F	1	1											
68. Diseases of the adrenals	F	2			1							1		
69. Other general diseases.....	F	2			1							1		
69C. Others under this title.....	F	2			1							1		
<b>CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS</b>														
<b>Total</b> .....		25	6	1	1	1	1			1	5	3		6
	M	15	5	1	1	1				1	4	1		1
	F	10	1				1				1	2		5
70. Haemorrhagic conditions	M	1	1											
70A. Simple purpura.....	M	1	1											1
71. Anaemia.....	M	9	2			1				1	3	1		4
	F	7					1				1	1		4
71A. Pernicious anaemia.....	M	7				1				1	3	1		1
	F	7					1				1	1		4
71B. Others under this title.....	M	2	2											
72. Leukaemia and aleukaemia.....	M	5	2	1	1						1			
	F	3	1									1		1
72A. Leukaemia.....	M	4	2	1							1			
	F	3	1									1		1
72B. Aleukaemia (Hodgkin's disease).....	M	1			1									
<b>CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE</b>														
<b>Total</b> .....		84	14	3	5	4	4			2	16	18		18
	M	43	9	1	2	3	2				9	11		6
	F	41	5	2	3	1	2			2	7	7		12
78. Encephalitis (non-epidemic).....	M	2									1			1
	F	3	1			1								1
79. Simple meningitis.....	M	1									1			
	F	2	1	1										
80. Progressive locomotor ataxia (tabes dorsalis)	M	1									1			
81. Other diseases of the spinal cord.....	M	1			1									
82. Cerebral haemorrhage, cerebral embolism and thrombosis.....	M	25				3	2				6	9		5
	F	21					2			2	4	6		7

DITION, NATIVITY, AND MONTH OF DEATH—OTTAWA, 1934—Continued

Not stated	NATIVITY					MONTHS											
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
	35	6		2		2	2	10	5	3	3	3	4	2	2	4	3
	18	4		1		1	1	8	2		1	3	3	1		1	2
	17	2		1		1	1	2	3	3	2		1	1	2	3	1
	2								1				1				56
	4	1						2				1					57
	11	3					1	4	1	1	1	2	2	1		2	59
	9	1				1			2	2	1			1	1	1	63
	1					1			1								
	1			1				2									66
	1			1				1							1		66B
	1							1							1		66D
	3							2					1				67
	1			1													
	1			1		1					1						69
	1			1		1					1						69C
	19	3		2	1	2	1	2	1	4	3	2	2	2	2	2	2
	12	2		1		1	1	2	1	1	1	2		2	2	1	1
	7	1		1	1	1				3	2		2			1	1
	1											1					70
	1											1					70A
	6	2		1				1	1		2	1		2	2	1	71
	6	1		1						2			2				71A
	4	2		1				1	1		1			2	1		71B
	6			1						2	2		2				
	2														1	1	
	5					1	1	1		1		1					72
	1	1			1					1						1	
	4				1	1	1	1				1					72A
	1	1			1					1						1	
	1									1							72B
	74	7		3		6	9	8	12	8	6	9	4	6	6	8	2
	35	5		3		3	6	4	7	5	3	3	1	4	2	4	1
	39	2				3	3	4	5	3	3	6	3	2	4	4	1
	2										1			1			78
	3						1		1			1					79
	2			1				1			1						
	1						1										80
	1																81
	18	5		2		1	4	3	4	3	2	2		2	2	2	82
	19	2				2	1	2	2	1	2	3	3	1	2	2	

TABLE 46—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Under 15	Single					Married					Widowed		
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated			
82A. Cerebral haemorrhage...	M	17				1	1						5	7		3
	F	15											2	3	5	5
82B. Cerebral embolism and thrombosis.....	M	1													1	
	F	2														2
82C. Softening of the brain...	M	1														1
82D. Hemiplegia and other paralysis, cause not specified.....	M	6				2	1						1	1		1
	F	4					2						1	1		
84. Dementia praecox and psychoses.....	F	1											1			
84B. Other psychoses.....	F	1											1			
85. Epilepsy.....	M	1			1											
	F	1														1
87. Other diseases of the nervous system.....	M	2	1												1	
	F	7				2							1	1		3
87B. Neuralgia and neuritis.....	F	1														1
87C. Paralysis agitans.....	M	1													1	
	F	5				2								1	1	2
87D. Sclerosis (other than of the spinal cord).....	F	1											1			
87E. Others under this title.....	M	1	1													
89. Diseases of the ear and mastoid process.....	M	10	8	1											1	
	F	6	3	1	1								1			
89A. Otitis.....	M	5	4												1	
	F	2	2													
89B. Mastoid process.....	M	5	4	1												
	F	4	1	1	1								1			
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																
<b>Total</b> .....		466	1	9	7	19	38						23	82	113	174
	M	276		6	3	10	19						15	61	87	75
	F	190	1	3	3	9	19						8	21	26	99
90-95. Diseases of the heart.....	M	192		6	3	10	9						13	47	54	50
	F	122	1	3	3	7	12						7	13	18	58
90. Pericarditis.....	F	1											1			
91. Acute endocarditis.....	M	4		1	1										1	
	F	2	1			1										
91A. Specified as acute.....	M	4		1	1								1		1	
	F	2	1			1										
92. Chronic endocarditis, valvular diseases.....	M	20		3	1	4							4	3	4	1
	F	21		3	1	3	1						2	3	4	4
92A. Endocarditis specified as chronic and other valvular diseases.....	M	20		3	1	4							4	3	4	1
	F	21		3	1	3	1						2	3	4	4
93. Diseases of the myocardium.....	M	70		1		5	5						1	11	19	28
	F	52				1	7						1	4	9	30
93A. Acute myocarditis.....	M	4				1								1	1	1
	F	3					1								1	1
93B. Myocarditis, unspecified, under 45 years of age.....	M	1		1												
93C. Chronic myocarditis and myocardial degeneration.....	M	57				4	5						1	7	17	23
	F	40				1	4						1	4	7	23
93D. Myocarditis, unspecified, 45 years and over.....	M	8												3	1	4
	F	9					2							1	1	6
94. Diseases of the coronary arteries and angina pectoris.....	M	78				1	3						6	28	24	16
	F	29			2	2							1	5	5	14
94A. Diseases of the coronary arteries.....	M	2												1		1
	F	2			1											1
94B. Embolism and thrombosis of coronary arteries.....	M	60				1	1						5	22	19	12
	F	16				2							1	2	2	9



DITION, NATIVITY, AND MONTH OF DEATH—OTTAWA, 1934—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
.....	14	2	.....	1	.....	1	3	2	1	3	1	2	.....	1	2	.....	82A	
.....	14	1	.....	.....	.....	1	1	2	2	1	2	1	3	1	1	.....	.....	
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	82B	
.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	.....	
.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	82C	
.....	2	3	.....	1	.....	.....	1	.....	2	.....	1	.....	.....	1	.....	1	.....	
.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	1	.....	
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	
.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	7	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2	1	.....	
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	5	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	2	1	.....	
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	6	.....	.....	.....	.....	1	.....	1	2	2	.....	1	1	.....	.....	1	.....	
.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	352	77	17	18	2	52	41	37	35	32	44	28	39	34	36	48	40	
.....	208	45	10	12	1	31	24	24	21	25	24	16	24	20	22	28	17	
.....	144	32	7	6	1	21	17	13	14	7	20	12	15	14	14	20	23	
.....	140	31	9	11	1	23	15	17	15	17	17	10	14	13	17	23	11	
.....	91	23	5	3	.....	11	11	7	11	5	11	6	12	9	7	19	13	
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	17	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	18	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	17	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	18	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	56	10	1	2	1	7	5	9	3	6	8	5	6	4	6	10	1	
.....	36	11	2	3	.....	7	6	1	4	3	5	2	8	4	2	7	3	
.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	44	10	1	2	.....	5	5	6	3	5	6	5	6	3	5	7	1	
.....	29	8	1	2	.....	5	5	.....	2	2	4	2	7	3	2	5	3	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	6	2	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	48	16	6	8	.....	9	5	6	8	7	8	4	4	8	7	6	6	
.....	22	5	2	.....	.....	4	2	3	2	.....	2	3	3	1	3	5	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	37	14	5	4	.....	6	5	4	5	7	5	4	4	5	6	6	3	
.....	12	3	1	.....	.....	1	2	2	2	.....	2	3	.....	.....	3	1	.....	

TABLE 46—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed		
			Under 15	Single					Married						
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed	
94c. Angina pectoris.....	M	16					2				1	5	5		3
	F	11			1							3	3		4
95. Other diseases of the heart.....	M	20		1	1		1				1	5	6		5
	F	17					4				2	1			10
95A. Functional diseases of the heart.....	F	3					2				1				
95B. Other and unspecified..	M	20		1	1		1				1	5	6		5
	F	14					2				1	1			10
96. Aneurysm (except of the heart).....	M	2										1	1		
	F	1										1			
97. Arteriosclerosis (of coronary arteries excepted)..	M	60					8				1	8	21		22
	F	49				1	6					6	8		28
98. Gangrene.....	M	7					1						5		1
	F	3				1									2
99. Other diseases of the arteries.....	M	2											2		
	F	1			1										
102. Idiopathic abnormalities of blood pressure.....	M	13					1				1	5	4		2
	F	14					1				1	1			11
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM															
<b>Total</b> .....		103	29	2	4	5					8	9	10		34
	M	52	20		4	1					2	6	6		12
	F	51	9	2	1	4					6	3	4		22
104. Diseases of the nasal fossae and annexa....	M	1	1												
105. Diseases of the larynx...	M	1	1												
105B. Other diseases of the larynx.....	M	1	1												
106. Bronchitis.....	M	1													1
	F	2											1		1
106A. Acute.....	M	1													1
	F	1											1		1
107. Bronchopneumonia.....	M	12	9			1						1			9
	F	13	4												9
107A. Bronchopneumonia....	M	12	9			1						1			1
	F	13	4												9
108. Lobar pneumonia.....	M	19	6		1	3	1				2	1	3		2
	F	15	2	2							5	1			5
109. Pneumonia, unspecified.	M	8					1						1		4
	F	5	2									1			4
110. Pleurisy.....	M	5	2									2			1
	F	1													1
111. Congestion and haemorrhage infarct of the lung, etc.....	M	2										1	1		
	F	5	1				1				1	1	1		
111B. Others under this title.	M	2									1	1	1		
	F	2										1	1		
112. Asthma.....	M	5	1				1				1	1	1		
	F	4										1	1		3
114. Other diseases of the respiratory system (tuberculosis excepted)	M	7			1		2						2		2
114c. Others under this title.	M	2	1									1			
	F	2	1									1			
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM															
<b>Total</b> .....		160	61	8	6	5	4				2	11	28	14	21
	M	87	34	5	3	3	2				3	22	8		7
	F	73	27	3	3	2	2				2	8	6	6	14
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations).....	M	7	2		1							4			
	F	3					1				1				1

DITION, NATIVITY, AND MONTH OF DEATH—OTTAWA, 1934—Continued

Not stated	NATIVITY				Not stated	MONTHS												
	Canada	British	Foreign			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
10	1	1	4		2		2	3		2			3	1		3	94C	
8	2	1			2		1					2	1	3	2			
16	2	1	1		5	1	1		3			2	2	2	5	1	95	
13	3	1				1		2		2	1	1	2	2	3	3		
1	1	1						2		1							95A	
16	2	1	1		5	1	1		3			2		2	5	1	95B	
12	2					1				1	1	1	2	2	3	3		
1	1									1		1					96	
1																		
50	9	1			7	7	5	4	5	5	4	6	3	4	4	6	97	
39	7	1	2		8	4	3	2	2	6	5	1	4	5	1	8		
6	1								2	1	1	2		1			98	
1	1			1	1					1				1				
2								1							1		99	
1																		
9	3		1		1	2	2	1	1		1	1	4				102	
11	1	1	1		1	2	3	1		2	1	2	1			1		
83	11		6	3	14	6	18	24	9	3		4	4	6	4	11		
44	5		2	1	5	3	8	15	3			3	3	4	2	6		
39	6		4	2	9	3	10	9	6	3		1	1	2	2	5		
1									1								104	
1																	105	
1														1			105B	
1			1						1						1		106	
1														1			106A	
1			1						1						1			
11	2			1	1		3	6		1							107	
11					1		2	5	1	2		1					107A	
11	2			1	1		3	6									107A	
11	2				1		2	5	1	2		1					108	
16	3				3	1	2	7	2			2	1	1				
14			1		2	1	6	3	1						1		109	
5	2				2	1	1	1	1						1			
4	2			2	3	1	1	1		1			1				110	
4	1					1		1					1					
1									1									
3	1		1				1							1			111	
1					1			2									2	
3	1		1					1						1			111B	
3	1		1			1		2									2	
4					1		1							1	1		112	
5	1		1		2	1			2					1			1	
1				1									1	1			114	
1			1										1	1			114C	
150	7		3		10	4	12	10	13	10	16	21	19	20	12	13		
81	4		2		9	2	6	3	4	9	10	11	12	9	5	7		
69	3		1		1	2	6	7	9	1	6	10	7	11	7	6		
7					2	1			1		1		1		1		115	
2			1						1						2			





TABLE 46—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	
			Under 15	Single					Married					
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed
<b>CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE</b>														
<b>Total</b> .....		19	1	1					4	12			1	
140. Abortion with septic conditions.....	F	1											1	
140A. Abortion.....	F	1											1	
142. Ectopic gestation.....	F	1								1				
142B. Without mention of septic conditions.....	F	1								1				
144. Puerperal haemorrhage.....	F	1								1				
144B. Other haemorrhages.....	F	1								1				
145. Puerperal septicaemia (not specified as due to abortion).....	F	7	1						2	4				
145A. Puerperal septicaemia and pyaemia.....	F	7	1						2	4				
146. Puerperal albuminuria and eclampsia.....	F	4							1	3				
147. Other toxaeias of pregnancy.....	F	1							1					
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic).....	F	2								2				
148B. Embolism.....	F	1								1				
148C. Sudden death.....	F	1								1				
149. Other accidents of childbirth.....	F	2		1						1				
149A. Caesarean operation.....	F	1								1				
149B. Other surgical operations and instrumental delivery.....	F	1		1										
<b>CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE</b>														
<b>Total</b> .....		5	2				1			1			1	
	M	2								1			1	
	F	3	2				1							
151. Carbuncle.....	F	1	1											
152. Cellulitis, acute abscess.....	M	1											1	
	F	2	1				1							
153. Other diseases of the skin and anna and of the cellular tissue.....	M	1								1				
<b>CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION</b>														
<b>Total</b> .....		6	2							1	1	1	1	
	M	4	1							1	1		1	
	F	2	1								1			
154. Osteomyelitis.....	M	2								1			1	
	F	1	1											
156. Diseases of the joints and other organs of locomotion.....	M	2	1							1				
	F	1									1			
156A. Of the joints (tuberculosis and rheumatism excepted).....	M	2	1							1				
156B. Of other organs of locomotion.....	F	1									1			

DITION, NATIVITY, AND MONTH OF DEATH—OTTAWA, 1934—Continued

Not stat- ed	NATIVITY					MONTHS											
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
	16	2	1			1	1	1	2	3	1	1	2		3	3	1
	1														1		140
	1														1		140A
	1															1	142
	1															1	142B
	1										1						144
	1										1						144B
	5	2				1		1	1	3		1					145
	5	2				1		1	1	3		1					145A
	4												2		1	1	146
			1												1		147
	2								1								148
	1								1								148B
	1								1								148C
	2						1									1	149
	1						1										149A
	1															1	149B
	5					1		1			1		1		1		
	2					1									1		
	3							1			1		1				
	1					1							1				151
	1					1					1						152
	2							1			1						
	1														1		153
	5	1					1	1	1				1		2		
	3	1					1	1	1				1				
	2														2		
	1							1	1							1	154
	1	1					1						1				156
	1														1		156A
	1							1								1	156B

TABLE 46—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated	
CLASS XIV.—CONGENITAL MALFORMATIONS														
<b>Total</b>		32	31	1										
	M	16	16											
	F	16	15	1										
157. Congenital malformations (stillbirths excluded)	M	16	16											
	F	16	15	1										
157A. Congenital hydrocephalus	M	2	2											
	F	2	2											
157B. Spina bifida and meningocele	M	7	7											
	F	3	3											
157C. Congenital malformations of the heart	M	5	5											
	F	5	4	1										
157E. Others under this title	M	2	2											
	F	6	6											
CLASS XV.—DISEASES OF EARLY INFANCY														
<b>Total</b>		71	71											
	M	42	42											
	F	29	29											
158. Congenital debility	M	7	7											
	F	2	2											
159. Premature birth	M	23	23											
	F	21	21											
160. Injury at birth	M	10	10											
	F	4	4											
160B. Without mention of caesarean operation	M	10	10											
	F	4	4											
161. Other diseases peculiar to early infancy (under 3 months)	M	2	2											
	F	2	2											
161A. Atelectasis	M	1	1											
	F	1	1											
161B. Icterus of the new-born	M	1	1											
	F	1	1											
161E. Others, including lack of care	M	1	1											
	F	1	1											
CLASS XVI.—SENILITY														
<b>Total</b>		17					4				2		11	
	M	7					2						5	
	F	10					2				2		6	
162. Senility	M	7					2						5	
	F	10					2				2		6	
162A. With senile dementia (70 years and over)	M	2											2	
162B. Without senile dementia (70 years and over)	M	5					2						3	
	F	10					2				2		6	
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS														
<b>Total</b>		82	17	5	2	5	4		2	12	16	5	14	
	M	57	14	5	1	4	2		2	11	10	1	7	
	F	25	3	1	1	1	2		1	6	6	4	7	
163-171. Suicides	M	7		1	1				1	2			2	
	F	2			1					1				



DITION, NATIVITY, AND MONTH OF DEATH—OTTAWA, 1934—Continued

Not stat- ed	NATIVITY					MONTHS											
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
.....	32	.....	.....	.....	.....	4	5	1	5	1	2	.....	2	2	3	3	4
.....	16	.....	.....	.....	.....	2	3	.....	4	1	1	.....	.....	.....	2	1	2
.....	16	.....	.....	.....	.....	2	2	1	1	.....	1	.....	2	2	1	2	2
.....	16	.....	.....	.....	.....	2	3	.....	4	1	1	.....	.....	.....	2	1	2
.....	16	.....	.....	.....	.....	2	2	1	1	.....	1	.....	2	2	1	2	2
.....	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	157A
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	157B
.....	7	.....	.....	.....	.....	2	1	.....	2	.....	1	.....	.....	.....	.....	.....	157C
.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	157E
.....	5	.....	.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	1	1
.....	5	.....	.....	.....	.....	.....	2	1	1	.....	.....	.....	1	.....	.....	.....	157E
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....
.....	6	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	1	2	.....
.....	71	.....	.....	.....	.....	5	3	6	7	6	6	7	7	7	6	5	6
.....	42	.....	.....	.....	.....	2	2	5	4	2	2	6	6	2	2	5	4
.....	29	.....	.....	.....	.....	3	1	1	3	4	4	1	1	5	4	.....	2
.....	7	.....	.....	.....	.....	.....	.....	1	.....	.....	2	1	.....	1	1	1	158
.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
.....	23	.....	.....	.....	.....	2	1	.....	3	1	.....	.....	5	.....	1	3	159
.....	21	.....	.....	.....	.....	3	1	.....	1	3	4	1	1	3	3	.....	1
.....	10	.....	.....	.....	.....	.....	1	3	1	1	.....	1	1	.....	1	1	160
.....	4	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2	.....	.....	.....
.....	10	.....	.....	.....	.....	.....	1	3	1	1	.....	1	1	.....	.....	1	160B
.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2	1	.....	.....
.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	161
.....	2	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	161A
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	161B
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161E
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	14	3	.....	.....	.....	1	.....	3	2	1	2	.....	1	1	3	1	2
.....	7	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	2	.....	2
.....	7	3	.....	.....	.....	.....	.....	3	1	1	.....	.....	1	1	1	.....	.....
.....	7	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	2	.....	162
.....	7	3	.....	.....	.....	.....	.....	3	1	1	.....	.....	1	1	1	1	.....
.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	162A
.....	5	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	2
.....	7	3	.....	.....	.....	.....	.....	3	1	1	1	.....	1	1	1	1	162B
.....	63	11	1	4	3	9	5	2	9	6	12	13	7	4	3	7	5
.....	44	8	1	2	2	6	5	1	7	3	7	11	5	3	2	4	3
.....	19	3	.....	2	1	3	.....	1	2	3	5	2	2	1	1	3	2
.....	4	2	.....	1	.....	2	.....	.....	1	.....	1	2	.....	.....	.....	1	163-
.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	171



DITION, NATIVITY, AND MONTH OF DEATH—OTTAWA, 1934—Continued

Not stat- ed	NATIVITY				MONTHS													
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
1		2		1	1						1	2						163
1									1									166
1					1						1						1	167
1						1												168
					2	1	1											173-
		1			1													175
					2	1	1											175
		1			1													
40	6		1	1	3	4	1	6	3	6	9	5	3	2	3	3	176-	
18	2		2	2	2		1	2	3	4	2	2	1	1	2	2	198	
1	1											1		1				179
1												1						
2	2								3		1							180
	1										1							
1				1													1	181
2					1									1				
1												1						182
6											1	4	1					183
2									1								1	184
23	3	1	1	2	2	2	1	2	3	3	3	4	2	2	2	2	186	
14	1		1	1	1		1	2	3	3	1	2		1		2		
1							1											191
3					1	1					1							194
1																	1	
3					1	1					1							194B
1																	1	
	3	1		1	1	1	1										1	1
	3			1	1	1	1											1
	3			1	1	1	1											199
		1															1	

ACCIDENTAL DEATHS  
of the International List above)  
1934

	2																		1
		1																	B
	2									1									C
																			D
	12	1		1		1				1	1	3	3	1	1	2	1		E
	5																		F
	2									1	1								G
	1												1						

TABLE 47—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	
			Under 15	Single					Married					
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed
DEATHS—ALL CAUSES.														
<b>Total</b> .....		<b>1005</b>	<b>105</b>	<b>24</b>	<b>24</b>	<b>46</b>	<b>98</b>		<b>2</b>	<b>82</b>	<b>150</b>	<b>200</b>		<b>274</b>
	M	489	56	14	12	22	34			33	89	135		94
	F	516	49	10	12	24	64		2	49	61	65		180
CLASS I.—INFECTIOUS AND PARASITIC DISEASES														
<b>Total</b> .....		<b>69</b>	<b>14</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>5</b>			<b>13</b>	<b>11</b>	<b>8</b>		<b>12</b>
	M	36	6	2	2	2	1			8	5	6		4
	F	33	8				4			5	6	2		8
8. Scarlet fever.....	F	1								1				
9. Whooping-cough.....	M	1	1											
	F	1												
10. Diphtheria.....	M	2	2											
	F	2												
11. Influenza.....	M	10	2							3	1	3		1
	F	8	1				2				1	1		3
11A. Sole cause.....	M	1												1
	F	1					1							
11B. With bronchitis.....	F	1												1
11C. With pneumonia.....	M	3								2	1			
	F	4									1	1		2
11D. With other diseases of the respiratory system.....	M	1										1		
11E. With intestinal compli- cations.....	M	1										1		
	F	1	1											
11F. With other causes.....	M	4	2							1		1		
	F	1					1							
13. Dysentery.....	M	1												1
	F	1									1			1
15. Erysipelas.....	M	5								1	2	1		1
	F	4					1					1		2
17. Lethargic or epidemic en- cephalitis.....	M	1			1									
18. Epidemic cerebrospinal meningitis.....	M	1												
	F	1	1											
22. Tetanus.....	M	1	1											
	F	1												
23-32. Tuberculosis.....	M	13	1	2	1	1				3	2	2		1
	F	11	2							4	3			2
23. Tuberculosis of the re- spiratory system.....	M	8				1				2	2	2		1
	F	7								3	2			2
24. Tuberculosis of the men- inges and central nervous system.....	M	2		2										
	F	2	2											
25. Tuberculosis of the intes- tines and peritoneum.....	M	1	1											
	F	2								1	1			
32. Disseminated tuberculosis	M	2			1					1				
32A. Acute.....	M	1								1				
32B. Chronic.....	M	1			1									
34. Syphilis.....	M	1				1								
	F	1									1			
36. Purulent infection, septi- caemia (non-puerperal)	M	3	1				1			1				
	F	2	1				1							
44. Other infectious or para- sitic diseases.....	F	1	1											
44A. Chicken-pox.....	F	1	1											
CLASS II.—CANCER AND OTHER TUMOURS														
<b>Total</b> .....		<b>153</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>11</b>	<b>17</b>			<b>15</b>	<b>31</b>	<b>38</b>		<b>35</b>
	M	65		1	2	4	4			3	16	26		9
	F	88	1		2	7	13			12	15	12		26
45-53. Cancer and other ma- ignant tumours.....	M	63		1	2	2	4			3	16	26		9
	F	79	1		2	7	13			9	13	11		23

DITON, NATIVITY, AND MONTH OF DEATH—LONDON, 1934

Not stated	NATIVITY					MONTHS											
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
.....	730	221	24	28	2	87	95	95	108	83	69	68	73	73	90	82	82
.....	348	116	9	16	.....	42	45	48	45	34	28	36	37	38	54	37	45
.....	382	105	15	12	2	45	50	47	63	49	41	32	36	35	36	45	37
.....	60	7	2	.....	.....	6	6	10	5	9	4	7	5	5	7	3	2
.....	31	4	1	.....	.....	2	4	6	3	5	3	5	2	4	2	.....	.....
.....	29	3	1	.....	.....	4	2	4	2	4	1	2	3	1	5	3	2
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	8	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	6	2	.....	.....	.....	1	1	1	1	3	1	1	.....	.....	1	.....	11A
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11B
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11C
.....	3	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11D
.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11E
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11F
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	5	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	4	.....	.....	.....	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	18
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23-32
.....	10	2	1	.....	.....	1	1	3	2	.....	.....	3	1	3	.....	.....	23
.....	10	.....	1	.....	.....	.....	.....	2	.....	3	1	.....	1	1	1	1	24
.....	6	1	1	.....	.....	1	1	2	2	.....	.....	.....	.....	2	.....	.....	25
.....	6	.....	1	.....	.....	.....	.....	1	.....	1	1	.....	.....	.....	.....	.....	32
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32A
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32B
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44A
.....	97	47	5	3	1	14	7	14	17	12	8	12	16	8	17	16	12
.....	37	27	1	.....	.....	6	3	5	5	4	3	7	8	3	9	7	5
.....	60	20	4	3	1	8	4	9	12	8	5	5	8	5	8	9	7
.....	36	26	1	.....	.....	5	3	4	5	4	3	7	8	3	9	7	5
.....	55	17	4	3	.....	7	4	9	10	7	5	3	6	5	7	9	7

TABLE 47—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	
			Under 15	Single					Married					
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed
45. Cancer of the buccal cavity and pharynx...	M	2			1								1	
46. Cancer of the digestive tract and peritoneum.	M	38		1			3			1	11		14	8
	F	34		1	4		7			2	4		7	9
46A. Of the oesophagus	M	2									1		1	
	F	1												1
46B. Of the stomach and duodenum	M	12					1			1	4		3	3
	F	10			1		2				2		4	2
46C. Of the rectum	M	4									1		1	2
	F	7					1			2	2			2
46D. Of the liver and biliary ducts	M	3					1						2	
	F	2		1										1
46E. Of the pancreas	M	2									1		1	
	F	1											1	
46G. Of other organs	M	15		1			1				4		6	3
	F	13			3		4						2	4
47. Cancer of the respiratory organs	M	2									1		1	
	F	1											1	
47A. Of the larynx	M	1											1	
	F	1											1	
47B. Of the lung	M	1									1			
48. Cancer of the uterus	F	17			1		1			4	5		2	4
48A. Of the uterus	F	7			1		1			1	1		2	2
48B. Of the cervix uteri	F	10			1					3	5			2
49. Cancer of other female genital organs	F	4					1			1	1		1	
50. Cancer of the breast	F	11		1	1					2	3			4
51. Cancer of the male genito-urinary organs	M	14								1	3		9	1
51A. Of the bladder	M	6								1	1		4	
51B. Of the kidney	M	2											1	1
51C. Of the prostate gland	M	6									2		1	
52. Cancer of the skin	M	2					1						1	
	F	1												1
53. Cancer of other or not specified organs	M	5		1	1	1				1	1			
	F	11	1			1	4							5
53C. Of the glandular system	M	1								1				
	F	1			1									
53D. Of the female urinary organs	F	6					3							3
53E. Of the bones and joints	M	3		1	1						1			
	F	1												1
53F. Of the brain	F	1	1											
53J. Of other specified organs	F	1					1							
53M. Of unspecified or unknown location	M	1			1									
	F	1												1
54. Non-malignant tumours	M	2				2								
	F	9								3	2		1	3
54A. Of the ovary	F	2								1				1
54B. Of the uterus	F	2									1			1
54D. Of the brain	M	1			1									
	F	2								2				
54E. Of the thyroid gland	F	2									1		1	
54G. Of other or unspecified sites	M	1			1									
	F	1												1
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES														
Total		29	1	1			1			2	5		8	11
	M	11	1	1			1				2		6	
	F	18								2	3		2	11
56. Acute rheumatic fever	M	1	1											
57. Chronic rheumatism, osteo-arthritis	F	1												1
59. Diabetes mellitus	M	9					1				2		6	
	F	14									2		2	10

DITION, NATIVITY, AND MONTH OF DEATH—LONDON, 1934—Continued

Not stat- ed	NATIVITY					MONTHS											
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
1	1											1			1		45
20	18				1	3		4	2	1	6	6	2	5	3	5	46
23	8	2	1		5	2	5	5	2	2	3	2		2	4	2	46A
1	1							1	1								
7	5							1	1			3			3	1	46B
6	4				1	1	1	3	1	1					1	1	46C
3	1										1		1	1			
5	2				1		1	1	2						1	1	
1	2										1	1	1				46D
1	1							1			1						46E
7	8	1									1						
9	2	1	1		1	3	1	2	1		3	2		2	2	3	46G
1	1											1			1		47
	1		1					1							1		47A
1		1						1									47B
11	5		1		2	1	2		4			2		2		2	48
6	1				1	1			2				1	2			48A
5	4		1		1		2		2			2	1			2	48B
1	2	1				1				1					2		49
10	1							2	1		1	4			3		50
9	4	1			3		3	1	1				1	1	2	2	51
4	1	1			1		1					1	1	1	1		51A
	2				1		1										51B
5	1				1		1	1	1					1	1		51C
2									1		1						52
1														1			
3	2				1		1			1						2	53
9	1		1				1	3		1			1		2	3	53C
1	1							1		1							
5			1				1	2					1			2	53D
2	1								1						2		53E
1	1							1								1	53F
1																1	53J
1					1												53M
1															1		
1	1				1		1										54
5	3		1		1			2	1		2	2		1			54A
1	1							2									54B
1	1										2						54D
1					1							1		1			54E
2									1								
1							1										54G
	1				1												
	18	8		3	2	1	1	3		4	3	4	3	3		5	
	7	2		2				1		1	2	2	1	2		2	
	11	6		1	2	1	1	2		3	1	2	2	1		3	
	1										1						56
	1														1		57
	5	2		2				1		1	1	2	1	1		2	59
	8	5		1	2	1	1	1		3	1	2	2			1	

TABLE 47—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Under 15	Single					Married					Widowed	
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated		
66. Diseases of the thyroid and parathyroid glands	M	1		1											
	F	2									2				
66A. Simple goitre	F	1									1				
66B. Exophthalmic goitre	M	1		1											
	F	1									1				
69. Other general diseases	F	1										1			
69C. Others under this title	F	1										1			
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS															
<b>Total</b>		20	2	1	1	1	1				3	4	3		4
	M	8	1								1	4	1		1
	F	12	1	1	1	1	1				2		2		3
70. Haemorrhagic conditions	F	2				1							1		
70A. Simple purpura	F	2				1							1		
71. Anaemia	M	5	1									3	1		
	F	5					1				1		1		2
71A. Pernicious anaemia	M	3										2	1		
	F	3					1						1		1
71B. Others under this title	M	2	1									1			
	F	2									1				1
72. Leukaemia and aleukaemia	M	3										1	1		1
	F	5	1	1	1						1				1
72A. Leukaemia	M	3									1	1			1
	F	4	1		1						1				1
72B. Aleukaemia (Hodgkin's disease)	F	1		1											
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS															
<b>Total</b>		1										1			
	M	1											1		
75. Alcoholism	M	1											1		
75B. Other alcoholic intoxications	M	1											1		
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE															
<b>Total</b>		61	4	1	4	6	5				9	9	9		14
	M	31	2		1	3	3				3	4	7		8
	F	30	2	1	3	3	2				6	5	2		6
78. Encephalitis (non-epidemic)	F	2		1										1	
79. Simple meningitis	F	1			1										
80. Progressive locomotor ataxia (tabes dorsalis)	M	1												1	
81. Other diseases of the spinal cord	M	2				1									1
	F	1										1			
82. Cerebral haemorrhage, cerebral embolism and thrombosis	M	10					1						5		4
	F	9				1					1	1	1		5
82A. Cerebral haemorrhage	M	9					1						5		3
	F	5				1						1			3
82B. Cerebral embolism and thrombosis	M	1													1
	F	2									1				1
82D. Hemiplegia and other paralysis, cause not specified	F	2												1	1
83. General paralysis of the insane	M	5					1					2	2		
	F	1										1			



DITION, NATIVITY, AND MONTH OF DEATH—LONDON, 1934—Continued

Not stated	NATIVITY				Not stated	MONTHS													
	Canada	British	Foreign			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
			USA	Other															
1																		66	
2									1									1	66A
1																			66B
1									1										69
1		1																	69C
		1																	
	17	2	1		2		2	6		1	2	3		3	1				
	8				2		1	1			1	1		1	1				
	9	2	1				1	5		1	1	2		2					
	2								1				1						70
	5								1				1						70A
	3	2					1	1			1			1	1				71
	3						1	2		1		1							71A
	3						1	1						1					71A
	2	1						2		1									71B
	2										1						1		71B
	1	1						1				1							
	3				2								1						72
	4		1					2				1			2				72A
	3				2				2				1						72A
	3		1						2			1		1					
	1													1					72B
		1								1									
		1								1									
		1								1									75
		1								1									75B
	50	6	1	4	5	8	6	11	4	5	4	1	2	1	6	8			
	25	3	1	2	3	3	5	7	2	2	2	1	1	1	1	3			
	25	3		2	2	5	1	4	2	3	2		1		5	5			
	2									1									78
	1								1										79
		1								1									80
	1	1					1	1											81
	1								1										
	10					2		3	1	1	1			1					82
	7	1		1		2		2	1				1		2				82A
	9					2		3	1	1				1					82A
	5					1		1							1				82B
	1										1								82B
	1		1			1							1						
	1	1							1								1		82D
	3		1	1		2	1				1								83
	1					1													

TABLE 47—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed		
			Un- der 15	Single					Married						
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed	
84. Dementia praecox and other psychoses.....	M	7				2	1				1	1			2
	F	5					1				2	1			1
84A. Dementia praecox.....	M	4				2	1				1				
	F	4					1				2	1			
84B. Other psychoses.....	M	3										1			2
	F	1													1
87. Other diseases of the nervous system.....	M	3										1	1		1
	F	5			2	1						2			
87C. Paralysis agitans.....	M	2											1		1
	F	3				1						2			
87D. Sclerosis (other than of the spinal cord).....	M	1										1			
	F	2			2										
89. Diseases of the ear and mastoid process.....	M	3	2		1										
	F	6	2												
89A. Otitis.....	M	3	1			1	1				2				
	F	3	1								1				
89B. Mastoid process.....	M	3	2		1										
	F	3	1			1					1				
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM															
<b>Total</b> .....		273	3	1	2	12	37				9	41	61		107
	M	125	3		1	4	13				5	27	36		36
	F	148		1	1	8	24				4	14	25		71
90-95. Diseases of the heart.....	M	73	3		1	2	5				4	16	20		22
	F	97		1	1	5	19				3	7	16		45
91. Acute endocarditis.....	F	1				1									
91A. Specified as acute.....	F	1				1									
92. Chronic endocarditis, valvular diseases.....	M	8	2		1						1	1	1		2
	F	14		1	1	1	3				1	2	2		3
92A. Endocarditis specified as chronic and other valvular diseases.....	M	8	2		1						1	1	1		2
	F	14		1	1	1	3				1	2	2		3
93. Diseases of the myocardium.....	M	24				1	3					7	6		7
	F	48					6				2	4	6		30
93A. Acute myocarditis.....	F	2											2		
93C. Chronic myocarditis and myocardial degeneration.....	M	21				1	2					6	6		6
	F	35					2				2	4	3		22
93D. Myocarditis, unspecified, 45 years and over.....	M	3					1					1			1
	F	13					4						1		8
94. Diseases of the coronary arteries and angina pectoris.....	M	28				1	2				2	5	10		8
	F	21				1	6				1	5	5		8
94A. Diseases of the coronary arteries.....	M	2					1						1		1
	F	4													2
94B. Embolism and thrombosis of coronary arteries.....	M	22				1	2				2	4	8		5
	F	13				1	4						4		4
94C. Angina pectoris.....	M	4											1		2
	F	4					1						1		2
95. Other diseases of the heart.....	M	13	1								1	3	3		5
	F	13				2	4						3		4
95A. Functional diseases of the heart.....	F	4					1						2		1
95B. Other and unspecified.....	M	13	1								1	3	3		5
	F	9				2	3						1		3
96. Aneurysm (except of the heart).....	M	1										1			
97. Arteriosclerosis (of coronary arteries excepted).....	M	42				1	7					9	12		13
	F	41				3	5				1	3	7		22
98. Gangrene.....	F	1													1
99. Other diseases of the arteries.....	M	1									1				

DITION, NATIVITY, AND MONTH OF DEATH—LONDON, 1934—Continued

Not stated	NATIVITY					MONTHS													
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
			USA	Other															
5	1			1		2			1	1			1	1				1	84
4				1								1			2			2	2
3				1		1			1	1			1						84A
3				1									1				1	2	2
2	1					1								1				1	84B
1															1				
3						1			1									1	87
3	2						2				1	1						1	
2						1			1										87C
1	2						1				1							1	
1													1						87D
2							1						1						
3								1	1										89
6						2		1	1	1	1								
3						1				1	1								89A
3							1	1	1										89B
3						1		1	1										
3								1	1										
194	67	5	6	1	26	36	29	29	24	21	8	13	18	24	21	24			
84	34	2	5	1	14	15	13	11	10	7	1	6	8	15	9	16			
110	33	3	1	1	12	21	16	18	14	14	7	7	10	9	12	8			
49	19	3	5	1	10	8	5	7	6	2	1	4	6	7	5	12			90-95
67	26	3	1	1	7	12	13	15	10	8	5	5	7	6	7	7			
	1											1							91
	1											1							91A
7	1				1		1	1	1	1		1	1		1				92
9	4	1			1	2	1	1	1	2	2	1		2	1				
7	1				1		1	1	1	1		1	1		1				92A
9	4	1			1	2	1	1	1	2	2	1		2	1				
17	5		2		4	3	1	3	2		1	3	1	2	1	3			93
32	13	2	1		4	1	8	12	5	5	2	1	2	3	4	1			
2								1						1					93A
16	4		1		4	2	1	3	2		1	2		2	1	3			93C
20	12	1			4	1	5	6	5	3	2		2	1		1			
1	1		1				1					1	1						93D
10	1	1	1				3	5		2		1		1	1				
18	8		2		5	3	1	3	1				4	4	1				94
15	6				2	6	2	1	3	1		2	2		2				
2					2														94A
4								1	1			1							
13	8		1		2	2	1	3					4	3	1				94B
9	4				2	4	2			1		1	2		1				
3			1		1				1					1					94C
2	2					2			2										
7	5		1			2	2		2	1				1		2			95
11	2					3	2	1	1			1	3	1		1			
4						2		1											1
7	5		1			2	2		2	1				1	2				95B
7	2					1	2		1			1	3	1					
1									1										96
26	15	1			4	6	7	4	2	4		1	2	8	1	3			97
35	6				5	6	2	2	3	5	1	2	3	2	5				
	1					1													98
1																1			99



DITION, NATIVITY, AND MONTH OF DEATH—LONDON, 1934—Continued

Not stated	NATIVITY				Not stated	MONTHS											
	Canada	British	Foreign			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
	1									1							100
	1									1							
	6		1			1	1		1			1			2	1	102
	7				1	2	1	1	1		1			1		1	
	56	25	3	3	17	11	12	4	9	7	5	3	1	5	7	6	
	29	12	2	3	7	7	9	1	2	3	3	1		4	6	3	
	27	13	1		10	4	3	3	7	4	2	2	1	1	1	3	
	1									1							104
	1										1						106
	1										1						106B
	12	5		2	3	2	3		1	1	2	1		3	2	1	107
	13	7			3	2	3	1	3	2	2	1	1	1		2	
	12	5		2	3	2	3		1	1	2	1		3	2	1	107A
	13	7			3	2	3	1	3	2		2	1	1		2	
	8	5			1	3	6							1	1	1	108
	4	1			1	1		2	1								
	6				2	1					1				1	1	109
	7	2	1		4	1			2	1	1					1	
		1	2			1		1	1								110
		2							1	1							111
		2							1	1							111A
	2			1						1					2		112
	2				1					1					1		
		1			1												114
		1			1												
		1			1												114c
		1			1												
	72	13	1	2	4	3	4	8	5	5	8	8	16	14	4	9	
	47	5		1	1	2	2	6	3	2	6	7	6	10	3	5	
	25	8	1	1	3	1	2	2	2	3	2	1	10	4	1	4	
	2	1						1						1			115
	2															2	
	1								1								115A
	1	1											1				115C
	2															2	
	2	3		1		1					1	1			1	2	117
	1	2		1		1						1				1	117A
	1	1										1				1	117B
													1	3	4		119
	8												5	1			
	6																
	1											1					120
	2	1										1		1	1		
	1											1		1			120A
	2	1										1		1	1		
	18				1	1	1	3	2	1	4	2	1	1	1	1	121
	7	1			1		1			1	1		2	1		1	

TABLE 47—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Under 15	Single					Married					Wid-owed	
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated		
122. Hernia, intestinal obstruction.....	M	9	2							1			3		3
	F	7		1							2		2		2
122A. Hernia.....	M	5	1										3		1
	F	2		1									1		
122B. Intestinal obstruction..	M	4	1							1					2
	F	5									2		1		2
123. Other diseases of the intestines.....	M	1		1											
	F	2					1								1
124. Cirrhosis of the liver....	M	2				1							1		
	F	2								1	1				
124B. Not specified as alcoholic.....	M	2				1							1		
	F	2								1	1				
126. Biliary calculi.....	M	2				1				1			1		
	F	2									1		1		
127. Other diseases of the gall-bladder and biliary passages.....	M	1													
	F	3					1				2				
128. Diseases of the pancreas	M	3											1		1
	F	3				1				1					
	F	1								1					
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM															
<b>Total</b> .....		91		1	4	10				7	12	34			23
	M	56		1	3	4				3	8	27			10
	F	35			1	6				4	4	7			13
130. Acute nephritis (including unspecified, under 10 years of age).....	M	2										1			1
	F	1					1								
131. Chronic nephritis.....	M	20								2	6	6			5
	F	27			1	5				2	3	6			10
132. Nephritis, unspecified (10 years and over)....	M	2		1								1			
	F	3										1			2
133. Other diseases of the kidneys and ureters....	M	5			2					1		2			
	F	1													1
136. Diseases of the urethra, urinary abscess, etc....	M	1													1
136B. Others under this title.....	M	1													1
137. Diseases of the prostate	M	1													1
139. Diseases of the prostate	M	26			1	3					2	17			3
139. Diseases of the female genital organs (not specified as venereal).....	F	3								2	1				
139A. Of the ovary, Fallopian tube and parametrium	F	2								2					
139B. Of the uterus.....	F	1									1				
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE															
<b>Total</b> .....		8		1						2	5				
144. Puerperal haemorrhage.....	F	3			1					2					
144A. Placenta praevia.....	F	1								1					
144B. Other haemorrhages.....	F	2			1					1					
146. Puerperal albuminuria and eclampsia.....	F	2								1	1				
147. Other toxæmias of pregnancy.....	F	2									2				
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)....	F	1								1					
148A. Phlegmasia alba dolens and thrombosis.....	F	1								1					

DITION, NATIVITY, AND MONTH OF DEATH—LONDON, 1934—Continued

Not stat- ed	NATIVITY				Not stat- ed	MONTHS														
	Can- ada	Brit- ish	Foreign			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			
			USA	Other																
9								1	2	1			1		2	1	1	122		
3		4				1	1	1	1				1		1		1	1	122A	
5								1	1						1	1		1	122B	
4		2				1			1	1			1		1			1	122B	
3		2					1	1					1		1			1	122B	
		1													1				123	
2												1	1			1			124	
2									1	1									124B	
2									1	1					1				124B	
2												1	1						126	
		1									1								126	
3											1					1	1		127	
1		1	1	1		1				1	1			1					128	
	57	25	5	4		1	7	5	10	5	6	8	6	15	8	9	11			
	35	17	2	2		1	3	3	6	2	3	4	2	11	6	7	8			
	22	8	3	2			4	2	4	3	3	4	4	4	2	2	3			
	1	1										1		1						130
	1														1					130
	15	3		2		1	2	2	2		1	1	1	3	1	3	3			131
	17	5	3	2			3	2	3	2	3	3	2	4	1	2	2			131
	2						1	1												132
	1	2					1		1			1								132
	1	4							1	1			1	1	1					133
	1												1							133
		1																		136
		1																		136B
	16	8	2						3	1	2	2		6	4	4	4			137
	2	1								1			1							139
	1	1								1										139A
	1												1							139B
	8							1	1	2	1		1				2			
	3							1	1								1			144
	1							1												144A
	2								1								1			144B
	2										1						1			146
	2									2										147
	1												1							148
	1												1							148A







TABLE 47—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated	
CLASS XVI.—SENILITY														
<b>Total</b> .....		15					3					1	11	
	M	3					2						1	
	F	12					1					1	10	
162. Senility.....	M	3					2						1	
	F	12					1					1	10	
162A. With senile dementia (70 years and over)...	M	2					1						1	
	F	6										1	5	
162B. Without senile dementia (70 years and over)	M	1					1							
	F	6					1						5	
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS														
<b>Total</b> .....		59	5	6	4	1	5			9	8	5	16	
	M	31	3	4	2	1	1			6	5	3	6	
	F	28	2	2	2		4			3	3	2	10	
163-171. Suicides.....	M	2								1			1	
	F	3								1	2			
163. Suicide by solid or liquid poisons or by absorption of corrosive substances.....	F	1									1			
164. Suicide by poisonous gas	F	1								1				
165. Suicide by hanging or strangulation.....	F	1									1			
167. Suicide by firearms.....	M	1								1				
168. Suicide by cutting or piercing instruments..	M	1											1	
173-175. Homicides.....	F	1								1				
173. Homicide by firearms..	F	1								1				
176-198. Other violent deaths	M	29	3	4	2	1	1			5	5	3	5	
	F	24	2	2	2		4			1	1	2	10	
180. Conflagration.....	M	2									2			
181. Accidental burns (conflagration excepted).....	M	5		1						2	1		1	
	F	5		2									3	
184. Accidental injury by arms.....	F	1								1				
186. Accidental injury by fall, crushing or landslide..	M	19	3	3	2	1				3	1	2	4	
	F	17	1		2		4				1	2	7	
194. Other accidents.....	M	3					1				1	1		
	F	1	1											
194B. Others under this title.	M	3					1				1	1		
	F	1	1											
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH														
<b>Total</b> .....		3		1			1					1		
	M	1										1		
	F	2		1			1							
199. Sudden death.....	M	1										1		
	F	2		1			1							







TABLE 48—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed		
			Under 15	Single					Married						
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed	
DEATHS—ALL CAUSES															
<b>Total</b> .....		<b>581</b>	<b>84</b>	<b>20</b>	<b>15</b>	<b>23</b>	<b>13</b>			<b>6</b>	<b>67</b>	<b>108</b>	<b>89</b>		<b>156</b>
	M	293	43	13	9	18	8			2	30	57	53		60
	F	288	41	7	6	5	5			4	37	51	36		96
CLASS I.—INFECTIOUS AND PARASITIC DISEASES															
<b>Total</b> .....		<b>28</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>1</b>					<b>5</b>	<b>3</b>	<b>2</b>		<b>3</b>
	M	14	4	1	2	1				1	2				3
	F	14	4	1	2					4	1		2		
1. Typhoid fever.....	M	1								1					
9. Whooping-cough.....	M	2	2												
	F	1	1												
11. Influenza.....	M	4	1		1	1						1			
	F	2								1			1		
11c. With pneumonia.....	M	3	1			1						1			
	F	1								1					
11f. With other causes.....	M	1			1										
	F	1											1		
13. Dysentery.....	M	1													
	F	1	1												
16. Poliomyelitis and polioen- cephalitis (acute).....	M	1	1												
23-32. Tuberculosis.....	M	3		1	1										1
	F	8	2	1	2					2			1		
23. Tuberculosis of the res- piratory system.....	M	3		1	1										1
	F	5		1	2					2					
24. Tuberculosis of the men- inges and central nervous system.....	F	1											1		
32. Disseminated tuberculosis	F	2	2												
32A. Acute.....	F	1	1												
32c. Not specified.....	F	1	1												
34. Syphilis.....	M	3										1			2
	F	2								1	1				
CLASS II.—CANCER AND OTHER TUMOURS															
<b>Total</b> .....		<b>80</b>			<b>3</b>	<b>6</b>	<b>1</b>				<b>7</b>	<b>21</b>	<b>16</b>		<b>26</b>
	M	31				4	1			3	9	7			7
	F	49			3	2				4	12	9			19
45-53. Cancer and other mal- ignant tumours.....	M	30				4	1			3	8	7			7
	F	41			3	2				1	9	8			18
45. Cancer of the buccal cavity and pharynx.....	M	2									1				1
	F	1										1			
46. Cancer of the digestive tract and peritoneum.....	M	15				3	1			2	5	3			1
	F	15			1	1				2	2	3			8
46A. Of the oesophagus.....	M	2								1	1				
46B. Of the stomach and duo- denum.....	M	6				1	1			1	1	1			1
	F	6										3			3
46c. Of the rectum.....	M	1										1			
	F	1													1
46d. Of the liver and biliary ducts.....	M	2				1							1		
	F	2													2
46g. Of other organs.....	M	4				1					3				2
	F	6			1	1					2				2
48. Cancer of the uterus.....	F	12				1					5	3			3
48A. Of the uterus.....	F	10				1					4	2			3
48B. Of the cervix uteri.....	F	2									1	1			
49. Cancer of other female genital organs.....	F	1													1
50. Cancer of the breast.....	F	9			1					1	1	1			5

DITION, NATIVITY, AND MONTH OF DEATH—WINDSOR, 1934

Not stat- ed	NATIVITY					MONTHS											
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
....	380	115	44	42	....	49	40	76	53	56	40	42	35	36	55	45	54
....	197	56	14	26	....	22	21	42	23	24	20	26	17	16	34	22	26
....	183	59	30	16	....	27	19	34	30	32	20	16	18	20	21	23	28
....	18	8	2	....	....	4	4	2	1	4	2	2	2	2	3	1	1
....	10	4	2	....	....	1	2	2	1	1	2	1	2	2	1	1	....
....	8	4	....	....	....	3	2	....	....	3	....	....	....	....	....	....	1
....	2	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	9
....	3	1	....	....	....	1	1	....	1	....	....	....	....	1	....	....	11
....	2	1	1	....	....	....	1	1	1	....	....	....	....	1	....	....	11C
....	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	11F
....	1	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	13
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	16
....	3	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	23-32
....	5	3	....	....	....	3	2	....	....	1	....	....	....	....	1	....	1
....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	3	2	....	....	....	1	2	....	....	....	....	....	....	1	1	1	23
....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
....	2	1	....	....	....	2	....	....	....	1	....	....	....	....	....	....	24
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	42
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	32A
....	1	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	32C
....	1	....	1	....	....	....	....	1	....	....	1	....	1	....	....	....	34
....	41	24	9	6	....	8	6	10	9	4	7	4	5	6	6	6	9
....	16	10	3	2	....	4	3	5	3	1	2	4	4	....	2	1	2
....	25	14	6	4	....	4	3	5	6	3	5	....	1	6	4	5	7
....	16	10	2	2	....	4	3	5	3	1	1	4	4	....	2	1	2
....	21	12	6	2	....	3	2	5	5	2	4	....	4	6	3	5	6
....	....	1	1	....	....	....	1	1	....	....	....	....	....	....	....	....	45
....	10	3	1	1	....	3	2	2	1	1	....	3	2	....	1	....	46
....	8	5	1	1	....	1	1	2	3	1	1	....	2	....	2	....	2
....	1	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	46A
....	4	1	....	1	....	2	1	1	....	....	....	....	1	....	1	....	46B
....	4	....	1	1	....	1	1	1	1	....	....	....	....	....	....	1	1
....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	46C
....	1	....	1	....	....	....	....	....	....	....	....	2	....	....	....	....	46D
....	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1
....	4	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	46G
....	3	3	....	....	....	....	....	....	2	1	1	....	....	1	....	1	....
....	6	3	2	1	....	1	....	....	2	1	1	....	....	2	2	....	3
....	5	2	2	1	....	....	....	....	2	1	....	....	....	2	2	....	2
....	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1
....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	49
....	4	2	3	....	....	1	....	1	....	....	2	....	....	2	1	1	50

TABLE 48—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Under 15	Single					Married					Widowed	
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated		
51. Cancer of the male genitourinary organs.....	M	9									1	1	4		3
51A. Of the bladder.....	M	2										1			1
51C. Of the prostate gland.....	M	5										1	3		2
51D. Of the testicles and annexa.....	M	1									1				
51E. Of other male genitourinary organs.....	M	1											1		
53. Cancer of other or not specified organs.....	M	4				1							1		2
	F	3		1									1		1
53c. Of the glandular system.....	M	1													1
	F	2											1		1
53F. Of the brain.....	M	2				1							1		
	F	1		1											
53G. Of the spine and spinal cord.....	M	1													1
54. Non-malignant tumours.....	M	1											1		
	F	8									3	3	1		1
54B. Of the uterus.....	F	4									1	2			1
54D. Of the brain.....	F	2									1		1		
54E. Of the thyroid gland.....	F	1									1				
54G. Of other or unspecified sites.....	M	1											1		
	F	1											1		
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES															
<b>Total</b> .....		20	2	1		1					2	3	4		7
	M	11	2	1		1					1	1	1		4
	F	9									1	2	3		3
56. Acute rheumatic fever.....	M	1		1											
57. Chronic rheumatism, osteo-arthritis.....	M	1				1									
	F	1											1		
59. Diabetes mellitus.....	M	6									1	1	1		3
	F	7									1	1	2		3
66. Diseases of the thyroid and parathyroid glands	M	1											1		1
	F	1											1		
66B. Exophthalmic goitre.....	M	1													1
	F	1											1		
67. Diseases of the thymus gland.....	M	1	1												
69. Other general diseases.....	M	1	1												
69C. Others under this title.....	M	1	1												
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS															
<b>Total</b> .....		4	1										1		2
	M	1												1	
	F	3	1												2
71. Anaemia.....	M	1												1	
	F	2													2
71A. Pernicious anaemia.....	F	1													1
71B. Others under this title.....	M	1												1	
	F	1													1
73. Diseases of the spleen.....	F	1	1												
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS															
<b>Total</b> .....		1										1			
	M	1										1			



DITION, NATIVITY, AND MONTH OF DEATH—WINDSOR, 1934—Continued

Not stated	NATIVITY				Not stated	MONTHS												
	Canada	British	Foreign			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
.....	5	3	.....	1	.....	1	.....	1	1	.....	1	1	1	.....	1	.....	2	51
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	51A
.....	3	2	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	2	51C
.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	51D
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	51E
.....	1	3	.....	.....	.....	.....	.....	1	1	.....	.....	.....	1	.....	.....	1	.....	53
.....	2	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	2	53C
.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	53F
.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	53F
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53G
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	54
.....	4	2	.....	2	.....	1	1	.....	1	1	.....	.....	1	.....	1	.....	1	54B
.....	3	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	1	.....	1	.....	1	54D
.....	1	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54E
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	54G
.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	15	4	1	.....	.....	1	.....	1	1	4	2	.....	2	.....	6	1	2	.....
.....	9	2	.....	.....	.....	1	.....	.....	.....	3	1	.....	1	.....	3	1	1	.....
.....	6	2	1	.....	.....	.....	.....	1	1	1	1	.....	1	.....	3	.....	1	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	56
.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
.....	5	1	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	1	.....	1	1	.....	59
.....	4	2	1	.....	.....	.....	.....	1	1	.....	.....	.....	1	.....	3	.....	1	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	66
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	66B
.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	66B
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	69
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	69C
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	3	1	.....	.....	.....	.....	.....	2	.....	1	.....	.....	1	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	71
.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	71A
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71B
.....	1	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	71B
.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....

TABLE 48—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed		
			Un- der 15	Single					Married						
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed	
76. Chronic poisoning, by other organic substances.....	M	1											1		
76B. Chronic cocaineism.....	M	1											1		
<b>CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE</b>															
<b>Total</b> .....		25	4		1	1					4	6	2		7
	M	11	2		1						1	5	1		1
	F	14	2		1					3	1	1			6
78. Encephalitis (non-epidemic).....	F	1	1												
79. Simple meningitis.....	F	1								1					
80. Progressive locomotor ataxia (tabes dorsalis).....	F	1													1
81. Other diseases of the spinal cord.....	M	1									1				
	F	1								1					
82. Cerebral haemorrhage, cerebral embolism and thrombosis.....	M	7								1	4	1			1
	F	8			1					1	1	1			4
82A. Cerebral haemorrhage..	M	7								1	4	1			1
	F	6			1					1	1	1			2
82B. Cerebral embolism and thrombosis.....	F	1													1
82D. Hemiplegia and other paralysis, cause not specified.....	F	1													1
83. General paralysis of the insane.....	M	1			1										
87. Other diseases of the nervous system.....	M	1	1												
87E. Others under this title..	M	1	1												
89. Diseases of the ear and mastoid process.....	M	1	1												1
	F	2	1												
89A. Otitis.....	F	1	1												
89B. Mastoid process.....	M	1	1												1
	F	1													1
<b>CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM</b>															
<b>Total</b> .....		165	1	5		5	4		1	11	36	35			67
	M	74		2		4	1			4	17	25			21
	F	91	1	3		1	3		1	7	19	10			46
90-95. Diseases of the heart..	M	57		2		3				3	17	21			11
	F	62	1	3		1	1		1	5	14	9			27
91. Acute endocarditis.....	F	2	1							1					
91A. Specified as acute.....	F	1	1												
91B. Unspecified (under 45 years of age).....	F	1								1					
92. Chronic endocarditis, valvular diseases.....	M	9		2						1		4			2
	F	17		2		1			1	2	5	1			5
92A. Endocarditis specified as chronic and other valvular diseases.....	M	8		2						1		4			1
	F	17		2		1			1	2	5	1			5
92B. Endocarditis, unspecified, 45 years and over	M	1													1
93. Diseases of the myocardium.....	M	10								1	2	5			2
	F	26					1			1	2	7			15
93A. Acute myocarditis.....	F	1										1			
93B. Myocarditis, unspecified, under 45 years of age..	M	1								1					

DITION, NATIVITY, AND MONTH OF DEATH—WINDSOR, 1934—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
	1																	76
	1																	76B
	17	1	3	4	2	1	5	3	3	2	1		3	2	1	2		
	9		1	1		1	4	1	1	1	1		1	1				
	8	1	2	3	2		1	2	2	1			2	1	1	2		
	1			1												1		78
								1										79
			1						1									80
	1						1											81
	1																	
	5		1	1				3	1	1	1			1				82
	4	1	1	2	1				2	1				2	1			82A
	5		1	1				3	1	1	1			1				
	3	1	1	1	1				1	1				2				82A
				1					1									
	1														1			82D
	1							1										83
	1															1		87
	1														1			87E
	1												1					89
	2									1	1							
	1									1								89A
	1												1					89B
	1										1							
	110	34	9	12	15	13	19	20	16	10	14	7	7	12	16	16		
	54	13	1	6	7	4	10	6	5	4	6	2	4	9	8	9		
	56	21	8	6	8	9	9	14	11	6	8	5	3	3	8	7		
	41	10	1	5	6	3	9	5	5	3	4		3	7	6	6	90-95	
	35	15	6	6	5	6	4	10	7	5	6	3	3	2	7	4		
	1			1					1				1					91
	1												1					91A
				1					1									91B
	8			1	1		1			2	1			1	1	2		92
	10	5		2	1	2		4	3	2	2				2	1		
	7			1	1		1			2	1			1		2		92A
	10	5		2	1	2		4	3	2	2				2	1		
	1															1		92B
	9	1			2		2	1	1						3	1		93
	13	5	5	3	2	1	2	4	4	1	1	2	1	2	5	1		
	1								1									93A
	1															1		93B



DITION, NATIVITY, AND MONTH OF DEATH—WINDSOR, 1934—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
7																		
7		4	3	3		2		1		1						3		93C
1		1				1		2	3	4	1			1		1	3	
5		1	2			1	1		1				1	1	1	1	2	93D
20		7	1	4		3	3	5	4	3			3		2	2	4	94
6		3					1	1	1		2		1		2		1	
1												1						94A
17		6		4		3	1	3	3	3			3		2	2	4	94B
5		3					1	1	1	3			2		2			
3		1	1				2	2	1									94C
4		2						1		1	1				1	1		95
5		2	1			2	2	1				1	1				1	
2								2										
4		2						1		1	1				1	1		95B
3		2	1			2		1				1	1		1		1	
1							1											96
8		2							1		1	2	1		1	1	3	97
13		5	2			2	3	4	3	1	1	2	2		1		1	
1																1		98
1		1		1		1		1										99
1													1					101
1														1				102
8		1				1		1	1	3						1	2	
20		10	3	3		5	3	8	1	5	2			2	3	5	2	
12		4	2	2		2	1	2	1	5	1			2	2	3	1	
8		6	1	1		3	2	6			1				1	2	1	
1						1												104
		1						1										106
		1						1										106A
4		1					1			1					1	1		107
		1		1				1			1							
4		1					1			1					1	1		107A
		1		1				1			1							
6			1	2		2		1	1	3					1	1		108
2		3	1			1		3							1	1		
1		1								1				1				109
2		1				1		1								1		
1			1					1								1		110
		1									1							111
1																	1	
		1									1							111B
1																	1	
1		1												1				112
1							1											
43		4	3	5		2	3	6	7	5	3	6	3	5	8	2	5	
25		1	1	5		1	1	5	5	2	1	5		2	6	2	2	
18		3	2			1	2	1	2	3	2	1	3	3	2		3	

TABLE 48—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid-owed		
			Under 15	Single				Married							
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over		Age not stated	
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations) . . . . .	M	1									1				
115C. Others under this title . . . . .	M	1									1				
117. Ulcer of the stomach or duodenum . . . . .	M	2									1		1		
117B. Ulcer of the duodenum . . . . .	M	2									1		1		
118. Other diseases of the stomach . . . . .	M	1	1												
119. Diarrhoea and enteritis (under 2 years of age) . . . . .	M	5	5												
	F	5	5												
120. Diarrhoea and enteritis (2 years and over) . . . . .	M	3			1	1					1				
	F	1		1											
120B. Ulceration of the intestines . . . . .	M	3			1	1					1				
	F	1		1											
121. Appendicitis . . . . .	M	8		2							4		2		
	F	5	3			1							1		
122. Hernia, intestinal obstruction . . . . .	M	4	1									1			2
	F	3													3
122A. Hernia . . . . .	M	2													2
	F	1													1
122B. Intestinal obstruction . . . . .	M	2	1									1			
	F	2										1			2
124. Cirrhosis of the liver . . . . .	M	3			1							1			1
	F	1										1			
124B. Not specified as alcoholic . . . . .	M	3			1							1			1
	F	1										1			
125. Other diseases of the liver . . . . .	M	1									1				
	F	1													1
125A. Yellow atrophy of the liver . . . . .	M	1									1				
125B. Other diseases of the liver . . . . .	F	1													1
126. Biliary calculi . . . . .	F	3									2				1
127. Other diseases of the gall-bladder and biliary passages . . . . .	M	3				1							1		1
	F	4										2	2		
129. Peritonitis, cause not specified . . . . .	M	1		1											
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM															
<b>Total</b> . . . . .		53	1		1	3	1				6	14	13		14
	M	33			1	3	1				3	7	9		9
	F	20	1								3	7	4		5
130. Acute nephritis (including unspecified, under 10 years of age) . . . . .	M	1									1				
	F	2									1		1		
131. Chronic nephritis . . . . .	M	25				3	1				2	5	8		6
	F	10									1	6			3
132. Nephritis, unspecified (10 years and over) . . . . .	M	1													1
	F	3											1		2
133. Other diseases of the kidneys and ureters . . . . .	M	3			1						1				1
	F	3	1								1		1		
135. Diseases of the bladder (tumours excepted) . . . . .	F	1											1		
137. Diseases of the prostate . . . . .	M	3									1	1			1
139. Diseases of the female genital organs (not specified as venereal) . . . . .	F	1											1		
139B. Of the uterus . . . . .	F	1											1		

DITION, NATIVITY, AND MONTH OF DEATH—WINDSOR, 1934—Continued

Not stat- ed	NATIVITY				MONTHS												
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
				1				1									115
				1				1									115C
	1			1				1									117
	1			1				1									117B
	1								1								118
	5											1			4		119
	5							1	1				1	1	1		119
	2		1							1			2		1		120
	1																
	2		1									2		1			120B
	7									1							
	1	1				1				1					1	2	121
	4	1							1	1			1	1	1		121
	3			1			1	2				1					122
	3			1			1							1			122
	1			1				2									122A
	1						1										122B
	2						1					1		1			122B
	2			1					1		1			1			124
	1																124
	2			1					1		1			1			124B
	1															1	124B
	1								1								125
		1									1						125
	1									1							125A
		1									1						125B
	1	1	1			1					1	1					126
	2			1					1	1					1		127
	3		1				1			1			1				127
	1								1								129
	32	12	4	5	6	2	7	4	3	2	6	3	2	6	7	5	
	18	9	2	4	3	2	6	2			4	2	1	5	4	4	
	14	3	2	1	3		1	2	3	2	2	1	1	1	3	1	
		1												1			130
	1	1												1		1	
	13	7	1	4	3	2	6	1			2	1	1	2	4	3	131
	7		2	1	2		1	2			1	1		1	2		131
		1												1			132
	2	1			1					1							132
	2		1					1			1			1			133
	2	1							1	1							133
	1								1								135
	3										1	1				1	137
	1									1							139
	1									1							139B







TABLE 48—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid-owed	
			Under 15	Single					Married					
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over		Age not stated
CLASS XV.—DISEASES OF EARLY INFANCY														
<b>Total</b> .....		32	32											
	M	17	17											
	F	15	15											
158. Congenital debility.....	F	1	1											
159. Premature birth.....	M	12	12											
	F	10	10											
160. Injury at birth.....	M	4	4											
	F	3	3											
160B. Without mention of caesarean operation...	M	4	4											
	F	3	3											
161. Other diseases peculiar to early infancy (under 3 months).....	M	1	1											
	F	1	1											
161E. Others, including lack of care.....	M	1	1											
	F	1	1											
CLASS XVI.—SENILITY														
<b>Total</b> .....		4										2		2
	M	2												2
	F	2										2		
162. Senility.....	M	2												2
	F	2										2		
162B. Without senile dementia (70 years and over)	M	2												2
	F	2										2		
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS														
<b>Total</b> .....		55	4	6	2	2	4		2	10	9	5		11
	M	40	2	5	2	2	3		2	6	7	5		6
	F	15	2	1			1			4	2			5
163-171. Suicides.....	M	9			2	1				2	3			1
164. Suicide by poisonous gas	M	1								1				
165. Suicide by hanging or strangulation.....	M	5			1	1				1	1			1
167. Suicide by firearms.....	M	2			1						1			
168. Suicide by cutting or piercing instruments...	M	1									1			
173-175. Homicides.....	M	1		1										
	F	1								1				
173. Homicide by firearms...	F	1								1				
175. Homicide by other means.....	M	1		1										
176-198. Other violent deaths	M	30	2	4		1	3		2	4	4	5		5
	F	14	2	1			1			3	2			5
179. Other acute accidental poisonings (except by gas)	M	1										1		
	F	1		1										
181. Accidental burns (conflagration excepted)...	M	2							1	1				
	F	1									1			
183. Accidental drowning...	M	3	2	1										
185. Accidental injury by cutting or piercing instruments.....	M	1		1										
186. Accidental injury by fall, crushing or landslide...	M	20		1		1	2		1	3	4	4		4
	F	16	2				1			2	1			4

DITION, NATIVITY, AND MONTH OF DEATH—WINDSOR, 1934—Continued

Not stat- ed	NATIVITY				MONTHS													
	Cana- da	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.		Dec.
			USA	Other														
	32					3		6	3	4	2	2	4	3	1	1	3	
	17					2		3	2	2	1	2	1	1		1	2	
	15					1		3	1	2	1		3	2	1		1	
	1														1		158	
	12					2		1	1	2	1	1		1			2	
	10					1		2		1	1		2	1	1		1	
	4							1	1			1					160	
	3							1	1	1								
	4							1	1			1					160B	
	3							1	1	1								
	1							1									161	
	1												1					
	1							1									161E	
	1												1					
	1	2		1		1	1	1				1						
		2				1	1										162	
	1			1				1				1						
		2				1	1										162B	
	1			1				1				1						
	29	13	7	6		1	5	8	2	5	6	5	5	4	4	3	7	
	19	11	4	6			5	7	2	3	6	3	3	1	4	1	5	
	10	2	3			1		1		2		2	2	3		2	2	
	2	5	1	1			1	4		1							3	
			1														163- 171	
																	164	
	2	3					1	1		1							2	
		1		1				2									165	
		1						1									167	
									1								168	
				1									1				173- 175	
		1						1									173	
									1								175	
				1									1					
	17	6	3	4			4	3	2	2	6	3	2	1	4	1	2	
	10	1	3			1		1		2		2	2	3		2	176- 198	
	1										1						179	
	1															1		
	1	1						1									181	
	3									1	1	1					183	
															1		185	
	10	4	3	3			3	2	1	2	4	1	1	1	3	1	186	
	7		3			1				1		1	1	3		1	2	

TABLE 48--CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Under 15	Single					Married					Wid-owed		
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated			
188. Injuries by animals . . . . .	M	1					1									
191. Excessive heat . . . . .	F	2									1					1
194. Other accidents . . . . .	M	1		1												
194B. Others under this title . . . . .	M	1		1												
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown) . . . . .	M	1														1

SPECIAL CLASSES OF  
(Included also under the numbers  
WINDSOR,

B. Accidents caused by machines . . . . .	M	1		1												
C. Railway accidents . . . . .	M	1				1										
D. Street-car accidents . . . . .	M	2										1				1
	F	1	1													
E. Automobile and motorcycle accidents . . . . .	M	10		2			1			1	2	2	1			1
	F	4									1	1				2

DITION, NATIVITY, AND MONTH OF DEATH—WINDSOR, 1934—Continued

Not stat- ed	NATIVITY				MONTHS													
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	188
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	191
.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	194
.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	194B
.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	195

ACCIDENTAL DEATHS

of the International List above)

1934

.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B
.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	C
.....	1	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	D
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	7	.....	2	1	.....	.....	1	1	.....	1	3	1	.....	1	1	1	1	.....	E
.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	.....	.....	.....	.....





TABLE 49—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glenagarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
<b>CLASS II.—CANCER AND OTHER TUMOURS</b>																						
<b>Total</b> .....	1605	4	16	22	57	28	30	18	21	34	30	42	16	15	31	55	33	6	19	35	70	4
45-53. Cancer and other malignant tumours .....	1526	4	14	19	55	28	29	16	18	33	28	40	16	15	30	51	33	6	18	34	68	4
45. Cancer of the buccal cavity and pharynx .....	66	1	1	3	2	2	1	1	1	1	1	4	1	1	2	2	1	1	1	1	1	1
46. Cancer of the digestive tract and peritoneum .....	838	3	8	12	32	15	14	8	8	20	16	20	4	7	18	22	22	6	10	16	41	1
46A. Of the oesophagus .....	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
46B. Of the stomach and duodenum .....	365	2	6	6	15	7	6	3	1	10	7	10	1	3	11	9	8	3	2	2	13	1
46C. Of the rectum .....	65	1	1	1	1	1	1	1	1	3	2	2	1	1	2	3	3	1	2	5	1	1
46D. Of the liver and biliary ducts .....	151	1	1	4	1	1	1	1	1	3	4	4	1	1	2	4	6	2	2	7	9	1
46E. Of the pancreas .....	22	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
46F. Of the peritoneum .....	2	1	1	5	12	3	7	3	6	4	2	4	1	3	2	6	2	3	5	3	13	1
46G. Of other organs .....	212	1	1	5	12	3	7	3	6	4	2	4	1	3	2	6	2	3	5	3	13	1
47. Cancer of the respiratory organs .....	37	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
47A. Of the larynx .....	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
47B. Of the lung .....	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
47C. Of the mediastinum .....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
47D. Of other organs of the respiratory system .....	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
48. Cancer of the uterus .....	111	1	1	3	4	3	2	1	1	1	2	1	3	2	2	8	3	1	4	6	5	1
48A. Of the uterus .....	81	1	2	4	3	2	1	1	1	1	1	1	3	2	1	1	1	1	4	5	1	1
48B. Of the cervix uteri .....	30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	4	1	1	1
49. Cancer of other female genital organs .....	37	1	1	2	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	3	3	1
50. Cancer of the breast .....	168	1	3	2	4	4	1	3	2	2	4	7	1	3	9	2	2	2	3	8	8	1
51. Cancer of the male genito-urinary organs .....	107	1	1	3	1	3	1	1	1	6	4	6	3	3	2	3	1	1	3	1	3	1
51A. Of the bladder .....	28	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
51B. Of the kidney .....	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
51C. Of the prostate gland .....	65	2	1	1	1	1	1	1	4	3	4	2	3	2	1	1	1	1	1	2	2	1
51D. Of the testicles and annexa .....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
51E. Of other male genito-urinary organs .....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52. Cancer of the skin .....	38	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	2	1
53. Cancer of other or not specified organs .....	124	1	2	4	6	4	1	4	1	3	1	1	1	3	6	3	2	2	5	3	1	1
53A. Of the eye and orbit .....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53B. Of the circulatory system .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53C. Of the glandular system .....	26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53D. Of the female urinary organs .....	27	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53E. Of the bones and joints .....	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53F. Of the brain .....	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53G. Of the spine and spinal cord .....	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53H. Of the neck .....	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53I. Of the abdomen .....	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53J. Of other specified organs .....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53K. Multiple cancer .....	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53M. Of unspecified or unknown location .....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54. Non-malignant tumours .....	66	2	3	2	2	2	3	1	2	2	2	2	1	4	1	4	1	1	1	2	2	1
54A. Of the ovary .....	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54B. Of the uterus .....	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54D. Of the brain .....	15	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54E. Of the thyroid gland .....	20	2	3	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
54F. Of the prostate gland .....	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54G. Of other or unspecified sites .....	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55. Tumours, nature not specified .....	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55B. Of the uterus .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55D. Of the brain .....	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55G. Of other or unspecified sites .....	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES</b>																						
<b>Total</b> .....	389	1	4	3	8	4	8	8	6	7	5	13	4	5	3	15	6	7	9	20	2	2
56. Acute rheumatic fever .....	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
57. Chronic rheumatism, osteo-arthritis .....	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
59. Diabetes mellitus .....	209	1	1	2	4	3	2	5	4	5	2	9	2	3	2	6	4	3	5	7	7	1
62. Pellagra .....	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
63. Rickets .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
64. Osteomalacia .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
65. Diseases of the pituitary gland .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
66. Diseases of the thyroid and parathyroid glands .....	58	1	1	1	1	1	2	1	1	1	1	1	1	1	5	1	1	2	1	7	1	1





TABLE 49—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	COUNTIES																					
		Addington	Algonia	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	
66A. Simple goitre	11						1												1		1		
66B. Exophthalmic goitre	44				1		1	1	1		1			1	5	1		1			6		
66C. Myxoedema, cretinism	1																						
66D. Tetany	2																						
67. Diseases of the thymus gland	36		1		1	1	3		1		1	1	1		1			1		2			
68. Diseases of the adrenals (Addison's disease)	8															1					1	1	
69. Other general diseases	26			1	1					1	1					1				1	2		
69A. Fatty or amyloid degeneration	10									1	1									1	2		
69C. Others under this title	16			1	1					1					1								
<b>CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS</b>																							
<b>Total</b>	<b>215</b>		1	2	7	2	2		1	9	5	3	1	4	3	16	1	2	2	6	4	2	
70. Haemorrhagic conditions	8																						
70A. Simple purpura	6																						
70B. Haemophilia	2																						
71. Anaemia	158			2	5	1	1		1	8	4	3	1	3	1	15							
71A. Pernicious anaemia	137			2	5	1	1		1	7	3	2	1	2	1	12		2	2	5	2	2	
71B. Others under this title	21								1	1	1	1		1	3							1	
72. Leukaemia and aleukaemia	47		1		2	1	1		1	1	1		1	1	1	1		1		1	2		
72A. Leukaemia	37		1		2	1	1		1	1	1		1	1	1	1		1		1	1		
72B. Aleukaemia (Hodgkin's disease)	10					1										1					1		
73. Diseases of the spleen	1													1									
74. Other diseases of the blood and blood-forming organs	1																						
<b>CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS</b>																							
<b>Total</b>	<b>10</b>						1		1						1			1			1	1	
75. Alcoholism	15								1									1			1	1	
75A. Delirium tremens	1																						
75B. Other alcoholic intoxications	14								1									1			1	1	
76. Chronic poisoning, by other organic substances																							
76A. Chronic morphinism																							
76B. Chronic cocaineism																							
76D. Other organic poisoning																							
77. Chronic poisoning by other mineral substances	4						1									1							
77A. Lead (including occupational)	2						1																
77B. Occupational, except lead																							
77C. Others under this title	2															1							
<b>CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE</b>																							
<b>Total</b>	<b>1040</b>	6	17	8	40	10	10	6	16	25	31	27	23	9	13	32	19	1	8	24	27	2	
78. Encephalitis (non-epidemic)	23			1			1									1	1				2	1	
79. Simple meningitis	24						1	2	2	1		2		1							1	1	
80. Progressive locomotor ataxia (tabes dorsalis)	6																						
81. Other diseases of the spinal cord	52			1	1	1			1	1	4	1	1		2	2	1				3	1	
82. Cerebral haemorrhage, cerebral embolism and thrombosis	611	4	12	5	36	4	4	5	12	20	21	18	9	6	5	17	16	1	5	13	16		
82A. Cerebral haemorrhage	491	4	10	5	21	4	3	3	11	17	15	17	4	5	5	16	14	1	3	9	14		
82B. Cerebral embolism and thrombosis	41				2			2		1	4		3							1	1	1	
82C. Softening of the brain	2												1										
82D. Hemiplegia and other paralysis, cause not specified	77		2		7				2	2	1	1	1		1			1	3	1			
83. General paralysis of the insane	25											2											
84. Dementia praecox and other psychoses	84		2		1	2				1		5		1	1	1							
84A. Dementia praecox	23				1							1											
84B. Other psychoses	61				1	1				1		4		1	1	1							
85. Epilepsy	50			3		1		1		1	1	2		1	1	3					1	2	
86. Convulsions (under 5 years of age)	35						1			1	1	1		1	1	1					1	2	
87. Other diseases of the nervous system	108		2		1	7	1			2	4	2	5	1	4	6			3	2	5		
87A. Chorea	4						1																
87B. Neuralgia and neuritis	11									1		1				1				1			
87C. Paralysis agitans	43		1		5					1	2		4	1					1	2	5		



TABLE 49—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	COUNTIES																				
		Addington	Algonia	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
87d. Sclerosis (other than of the spinal cord)	20				1						1				2	3						
87E. Others under this title	36	1			1					1	1	1			2	2				1		
88. Diseases of the organs of vision	21																			1		
89. Diseases of the ear and mastoid process	1				1		1		1							1					1	
89A. Otitis	13				1							1		1		1						1
89B. Mastoid process	8						1		1												1	
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																						
<b>Total</b>	<b>5310</b>	<b>25</b>	<b>62</b>	<b>91</b>	<b>198</b>	<b>98</b>	<b>39</b>	<b>55</b>	<b>66</b>	<b>112</b>	<b>119</b>	<b>113</b>	<b>86</b>	<b>66</b>	<b>78</b>	<b>181</b>	<b>87</b>	<b>10</b>	<b>85</b>	<b>141</b>	<b>186</b>	<b>20</b>
90-95. Diseases of the heart	3308	17	43	55	124	63	32	22	41	67	81	77	55	28	45	122	58	5	51	90	119	15
90. Pericarditis	10				1				2			1				1						
91. Acute endocarditis	32				1	2	2					1	1			1	1		2		1	
91A. Specified as acute	29				1	2	2					1				1	1		1		1	
91B. Unspecified (under 45 years of age)	3												1						1			
92. Chronic endocarditis, valvular diseases	683	2	5	6	21	5	8	5	8	18	14	17	6	9	16	31	10		8	15	17	3
92A. Endocarditis specified as chronic and other valvular diseases	65	2	5	6	20	5	8	5	7	16	14	17	5	8	10	31	10		8	13	17	3
92B. Endocarditis, unspecified, 45 years and over	2											1									2	
93. Diseases of the myocardium	1278	5	23	32	51	35	8	2	2	25	28	34	22	10	11	47	23		14	36	44	6
93A. Acute myocarditis	75	1	2	3	1	1	1	2	2	2	1	3	1	1	1	2				3		
93B. Myocarditis, unspecified, under 45 years of age	6						1	1					1									
93C. Chronic myocarditis and myocardial degeneration	943	3	21	28	30	26	6	1	15	18	18	22	18	4	9	34	14		1	13	29	36
93D. Myocarditis, unspecified, 45 years and over	253	1	2	2	18	6			4	5	9	9	3	5	1	11	9			4	8	1
94. Diseases of the coronary arteries and angina pectoris	1015	9	14	16	29	15	11	12	8	20	31	19	21	7	18	31	20		3	22	29	37
94A. Diseases of the coronary arteries	41						1				3					4						5
94B. Embolism and thrombosis of coronary arteries	646	7	10	6	16	11	7	4	3	11	14	13	10	4	6	22	10		2	19	16	21
94C. Angina pectoris	328	2	4	4	13	4	4	7	5	9	14	6	11	3	9	5	7		1	2	13	16
95. Other diseases of the heart	290	1	1	7	21	6	3	3	1	4	8	5	5	2	6	11	4		1	5	10	20
95A. Functional diseases of the heart	31				1	1				2						4					2	
95B. Other and unspecified	25	1	1	7	20	5	3	3	1	4	6	5	3	2	6	7	3		1	5	8	18
96. Aneurysm (except of the heart)	18			2						1									1	1	2	
97. Arteriosclerosis (of coronary arteries excepted)	1673	7	17	27	63	28	5	31	18	38	32	19	27	29	58	23	2	30	39	53	5	5
98. Gangrene	44					1	2	4	1	3		3	2	1		3						
99. Other diseases of the arteries	19	1		1				2	1												3	
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	12		1	1												1			1			
101. Diseases of the lymphatic system (lymphangitis, etc.)	3														1							
102. Idiopathic abnormalities of blood pressure	233		1	4	11	6	1		1	5	2	4	3	3	2	1	2	2	2	9	11	
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																						
<b>Total</b>	<b>1227</b>	<b>8</b>	<b>16</b>	<b>22</b>	<b>34</b>	<b>11</b>	<b>34</b>	<b>16</b>	<b>14</b>	<b>21</b>	<b>14</b>	<b>16</b>	<b>9</b>	<b>12</b>	<b>14</b>	<b>41</b>	<b>24</b>	<b>4</b>	<b>15</b>	<b>31</b>	<b>40</b>	<b>7</b>
104. Diseases of the nasal fossae and annexa	13			1	1											2			1	1		
105. Diseases of the larynx	9						1								1						1	
105A. Croup	5																				1	
105B. Other diseases of the larynx	4														1							
106. Bronchitis	75	1	2	4	6	1	1	1	2	1	2	2	1	2	3	2	1		1	1	1	1
106A. Acute	45	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1		1	1		
106B. Chronic	27			2	4				1	1						2	1		1			1
106C. Unspecified	3																				1	
107. Bronchopneumonia	411	1	6	7	6	5	11	6	6	7	5	6	1	4	5	15	5		2	4	12	9
107A. Bronchopneumonia	408	1	5	7	6	5	11	6	6	7	5	6	1	4	5	15	5		2	4	12	9
107B. Capillary bronchitis	2																					
108. Lobar pneumonia	333	3	4	5	12	6	5	3	5	10	4	5	3	2	6	9	7		6	7	18	2
109. Pneumonia, unspecified	200	1	2	2	3	12	5	1	1	3		2	1	1	8	4		3	6	7	2	
110. Pleurisy	32				1											2					1	
111. Congestion and haemorrhagic infarct of the lung, etc.	46	1			1	1				1	1	3	1		2	2				2	1	
111A. Pulmonary embolism and thrombosis	1																					
111B. Others under this title	45	1			1	1				1	1	3	1		2	2				2	1	
112. Asthma	86		1	2	3	1	2	1				1	1	1	2	1				3	2	
113. Pulmonary emphysema	6				1							1				1						







TABLE 49—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algonia	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora
139c. Of the breast . . . . .	1															1						
139d. Others under this title . . . . .	1																					
CLASS XI.—DISEASES OF PREGNANCY, CHILD BIRTH AND THE PUERPERAL STATE																						
<b>Total</b> . . . . .	109	1	1	3	8	6						1	3	1		2	2		1	1	5	1
140. Abortion with septic conditions . . . . .	1																					
140A. Abortion . . . . .	1																					
140B. Self-induced abortion . . . . .																						
141. Abortion without mention of septic conditions (haemorrhage included) . . . . .	1																					
141A. Abortion . . . . .	1																					
142. Ectopic gestation . . . . .	1																1					
142A. With septic conditions . . . . .																						
142B. Without mention of septic conditions . . . . .	1																1					
143. Other accidents of pregnancy (hae- morrhage excluded) . . . . .	1																					
144. Puerperal haemorrhage . . . . .	2	1				1	1						1						1		1	
144A. Placenta praevia . . . . .	1					1	1												1		1	
144B. Other haemorrhages . . . . .	1	1																				
145. Puerperal septicaemia (not specified due to abortion) . . . . .	1					1	1						1								1	
145A. Puerperal septicaemia and pyaemia . . . . .	1					1	1						1								1	
145B. Puerperal tetanus . . . . .	1					1	1						1								1	
146. Puerperal albuminuria and eclampsia . . . . .	2			2								1	1	1		1				1	1	
147. Other toxaeemias of pregnancy . . . . .	1			1																	1	
148. Puerperal phlegmasia alba dolens embolism or sudden death (not specified as septic) . . . . .	1					1										1						1
148A. Phlegmasia alba dolens and throm- bosis . . . . .	1					1										1						1
148B. Embolism . . . . .	1																1					1
148C. Sudden death . . . . .	1					1																1
149. Other accidents of childbirth . . . . .	1																				1	
149A. Caesarean operation . . . . .	1																				1	
149B. Other surgical operations and instru- mental delivery . . . . .																						
149C. Dystocia . . . . .																						
149D. Rupture of uterus in parturition . . . . .																						
149E. Others under this title . . . . .																						
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																						
<b>Total</b> . . . . .	3			1								2	1	1	1	2			2		2	
151. Carbuncle . . . . .	1													1					1			
152. Cellulitis, acute abscess . . . . .	2			1								2	1			2			1		1	
153. Other diseases of the skin and annexa and of the cellular tissue . . . . .	0														1						1	
CLASS XIII.—DISEASES OF THE BONES ORGANS OF LOCOMOTION																						
<b>Total</b> . . . . .	15				1	2			1	1		1				1				1	1	
154. Osteomyelitis . . . . .	7					2			1			1										
155. Other diseases of the bones (tuber- culosis excepted) . . . . .	7				1					1						1						1
156. Diseases of the joints and other organs of locomotion . . . . .	1																			1		
156A. Of the joints (tuberculosis and rheu- matism excepted) . . . . .	1																			1		
156B. Of other organs of locomotion . . . . .																						
CLASS XIV.—CONGENITAL MALFORMATIONS																						
<b>Total</b> . . . . .	175	3	3	6	6	2	1			2	7	2	1	2		6	2		1	6	1	3
157. Congenital malformations (stillbirths excluded) . . . . .	175	3	3	6	6	2	1			2	7	2	1	2		6	2		1	6	1	3



CITIES AND TOWNS OF 5,000 AND OVER—ONTARIO, 1934—Continued

Kent	Lambton	Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Perry Sound Isle	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	Grand total, including cities and towns	
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...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	15	
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	9	
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	9	
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...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	47	
...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29
...	1	1	...	...	...	1	...	1	2	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	69	
...	1	1	...	...	...	1	...	1	1	2	...	...	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	68
...	1	...	...	...	...	1	...	...	2	...	...	...	...	2	...	...	...	...	...	...	2	1	...	1	...	...	...	...	...	...	...	...	1	
...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	70
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	15
...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	34
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
1	4	...	...	...	1	...	2	...	1	...	...	...	3	1	...	...	...	1	...	...	...	2	1	1	...	1	1	2	...	...	2	88		
...	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
...	1	1	...	...	...	...	1	...	1	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	51
...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	64
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
4	4	2	2	...	2	1	5	4	4	4	1	2	3	3	...	7	2	4	4	...	7	3	10	1	2	...	11	4	4	3	4	2	16	466
4	4	2	2	...	2	1	5	4	4	4	1	2	3	3	...	7	2	4	4	...	7	3	10	1	2	...	11	4	4	3	4	2	16	466

TABLE 49—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	COUNTIES																					
		Addington	Algonia	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora	
157A. Congenital hydrocephalus	30				2	2						1	1		1								
157B. Spina bifida and meningocele	45	2			2	1						3	1		1	2				2		1	
157C. Congenital malformations of the heart	72	1	2		2	3	1	1		2	3			1	3					2	1	1	
157D. Monstrosities	2																						
157E. Others under this title	26			1		1								1	1					2		1	
CLASS XV.—DISEASES OF EARLY INFANCY																							
<b>Total</b>	776	4	17	3	21	15	49	5	9	8	8	20	11	14	8	14	5	1	4	27	14	10	
158. Congenital debility	113	1	3			4	11	2		2	3	7	2	8	4	10	3	1	3	3	2	2	
159. Premature birth	450	2	8	3	13	7	20	3	4	6	4	9	7	8	4	10	3	1	3	15	8	4	
160. Injury at birth	112	1			3	2	7	1	3	1	1	5	3	3	3	4	1			3	3	2	
160A. With mention of caesarean operation	1																						
160B. Without mention of caesarean operation	111	1			3	2	7	1	3	1	1	5	3	3	4	1				3	3	2	
161. Other diseases peculiar to early infancy (under 3 months)	101	1	5		5	2	11	1	1	1	3	2	1	1		1				6	1	2	
161A. Atelectasis	23		3		1	1					2									3			
161B. Icterus of the new-born	19	1			2	1		1	1			2				1							
161C. Sclerema and oedema																							
161D. Athrepsia	3						1														1		
161E. Others, including lack of care	53	1		4		8				1	1		1	1						3		2	
161F. No cause given, no doctor in attendance	3	1				1																	
CLASS XVI.—SENIILITY																							
<b>Total</b>	269	3	3	4	2	1	4	3	6	9	2	6	7	1	9	10	2	2	8	8	7		
162. Senility	269	3	3	4	2	1	4	3	6	9	2	6	7	1	9	10	2	2	8	8	7		
162A. With senile dementia (70 years and over)	59		1		1			3	1		2		1	4	1				2	4			
162B. Without senile dementia (70 years and over)	207	3	2	4	1	1	4	2	3	8	2	4	7		5	9	2	2	6	4	6		
162C. Premature senility (55 years but under 70 years)	3						1														1		
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																							
<b>Total</b>	1195	5	13	12	37	15	59	16	6	31	23	40	10	3	8	26	20	5	12	29	38	20	
163-171. Suicides	178			5	3	1	6	2	1	6	4	7	1		2	4	1		3	7	8	2	
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	31						1	2			1	1								1	4		
164. Suicide by poisonous gas	7									1	1					1							
165. Suicide by hanging or strangulation	35				2		1		2		2								3	3			
166. Suicide by drowning	35			3			1		1	2	1	3									2		
167. Suicide by firearms	43			2	1					1	1	1		1	3	1				3		1	
168. Suicide by cutting or piercing instruments	17					1	3		1						1						1		
169. Suicide by jumping from high places	3																						
170. Suicide by crushing	2																						
171. Suicide by other means	5								1												1		
173-175. Homicides	19				1		1		3	2	1								1				
173. Homicide by firearms	8						1			2	1												
174. Homicide by cutting or piercing instruments																							
175. Homicide by other means	11				1				3										1				
176-198. Other violent deaths	998	5	13	7	33	14	52	14	5	22	17	32	9	3	6	22	19	5	8	22	30	18	
176. Attack by venomous animals	1																						
177. Food poisoning	2																						
178. Accidental absorption of toxic gases	12				2															1			
179. Other acute accidental poisonings (except by gas)	12						1									1							
180. Conflagration	33		1	1		8				3										3			
181. Accidental burns (conflagration excepted)	31	1		1		1	1	1		1		1				1	2			1	2	1	







TABLE 50—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	East Windsor	Fort William	Galt	Guelph	Hamilton	Kingston	Kitchener	London
DEATHS—ALL CAUSES. <b>Total</b> .....	16,953	209	350	265	240	38	186	196	242	1462	452	310	1005
<b>CLASS I.—INFECTIOUS AND PARASITIC DISEASES</b>													
<b>Total</b> .....	1,095	13	28	17	31	4	15	9	10	76	32	9	69
1. Typhoid fever .....	16		1		2								
5. Undulant fever .....	2												
7. Measles .....	2												
8. Scarlet fever .....	33		1		2	1			4				1
9. Whooping-cough .....	65				4			1	7				1
10. Diphtheria .....	11	1			1		1						2
11. Influenza .....	217	4	4	7	7		2	2	5	12	10	3	18
11A. Sole cause .....	19										3		2
11B. With bronchitis .....	7			1						1			1
11C. With pneumonia .....	105	1	2	5	5				1	7	4	3	7
11D. With other diseases of the respiratory system .....	11				2		1		1	1	1		1
11E. With intestinal complications .....	13	1									1		2
11F. With other causes .....	62	2	2	1			1	2	3	3	1		5
13. Dysentery .....	24		1				1			2			3
15. Erysipelas .....	46	1	2		1				4	2	1		9
16. Poliomyelitis and polioencephalitis (acute) .....	23								1	2	1		
17. Lethargic or epidemic encephalitis .....	10		1	1					2				1
18. Epidemic cerebrospinal meningitis .....	10		1						1				1
22. Tetanus .....	11			1					3				1
23-32. Tuberculosis .....	470	6	13	4	11	3	10	4	3	25	15	4	24
23. Tuberculosis of the respiratory system .....	370	5	12	3	6	3	9	2	3	18	13	3	15
24. Tuberculosis of the meninges and central nervous system .....	36		1		4					4			4
25. Tuberculosis of the intestines and peritoneum .....	20			1			1					1	3
26. Tuberculosis of the vertebral column .....	9									1	1		
27. Tuberculosis of the bones and joints (vertebral column excepted) .....	4										1		
27A. Of bones .....	2												
27B. Of joints .....	2										1		
28. Tuberculosis of the skin and sub-cutaneous cellular tissue .....	1												
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted) .....	3						1						
30. Tuberculosis of the genito-urinary system .....	7	1											
31. Tuberculosis of other organs .....	1												
32. Disseminated tuberculosis .....	19				1		1			2			2
32A. Acute .....	10						1						1
32B. Chronic .....	3				1								1
32C. Not specified .....	6									2			
34. Syphilis .....	85		3		2		1	1	1	5	1		2
35. Gonococcus infection and other venereal diseases .....	3												
36. Purulent infection, septicaemia (non-puerperal) .....	54	1	1	4	1			1		8	2	1	5
43. Mycoses .....	4									1	1		
44. Other infectious or parasitic diseases .....	9												1
44A. Chicken-pox .....	6												1
44C. Others under this title .....	3												
<b>CLASS II.—CANCER AND OTHER TUMOURS</b>													
<b>Total</b> .....	2,452	21	58	27	27	4	27	27	37	232	53	53	153
45-53. Cancer and other malignant tumours .....	2,273	19	52	24	26	4	24	27	35	216	51	47	142
45. Cancer of the buccal cavity and pharynx .....	96		1	2	1		2	3	1	9	5		2
46. Cancer of the digestive tract and peritoneum .....	1,130	11	33	8	14	1	12	16	22	116	17	26	72
46A. Of the oesophagus .....	65	1			1		1		1	3	2	1	3
46B. Of the stomach and duodenum .....	407	3	10	4	5	1	5	4	12	50	2	12	22
46C. Of the rectum .....	139	1	5				1	5		11		2	11
46D. Of the liver and biliary ducts .....	132	2	4		4		1		1	14	7	2	5
46E. Of the pancreas .....	59		1				1		1	5	1		3
46F. Of the peritoneum .....	6												
46G. Of other organs .....	322	4	13	4	4		3	7	7	33	5	9	28
47. Cancer of the respiratory organs .....	73					1	1	1	1	14	3		3

OF 10,000 POPULATION AND OVER—ONTARIO, 1934

Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sandwich	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Walkerville	Welland	Windsor	Woodstock
202	176	195	1618	164	145	353	189	271	224	54	220	214	191	229	170	6266	189	152	581	195
12	10	15	144	7	9	17	15	16	10	16	17	18	9	26	13	354	25	13	28	8
			1	1	1				1					1	1	5		1	1	1
1																1				5
1		1	5				1		1		1					13	2			7
			8	1				2				3		1	1	26	4	1	3	8
4		5	4		3	1	6	1	6	1	3	3	6	3	3	61	5	6	6	10
		1	15			6	1	1	1	1	3	3	2	3	2	7				11
		1	2			2	1	3	1	1	1	3	1			1	1	1	6	11A
3		2	6		3	2	1	3	1	1	1	3	1		2	26	4	4	4	11B
																				11C
			1			1									1	1				11D
											2		1	1		5				11E
1		1	6			3		2			1	3	1	2		22		1	2	11F
	4		3	1					1		1	2			1	22			1	13
1	1		5					2				2				14	2	1		15
			1			1								1		14			1	16
			1													2	1			17
1			1			1				1						2				18
			1													3				22
2	5	8	85	3	4	8	10	3	2	15	10	7	1	13	6	143	8	2	11	23-32
2	4	7	70	3	2	7	9	1	1	14	4	7	1	10	6	111	7	2	8	23
			6				1	1			2			3		8	1		1	24
			2		1	1					2					8				25
	1		2						1		2					1				26
			3																	27
			2																	27A
			1																	27B
																				28
		1						1								1				29
			1													4				30
			1							1						1				31
			1		1											8			2	32
			1													5			1	32A
																1				32B
1			10			1	3	1	1	1	1		1	4		2	1	1	5	32C
																39	1	1		34
																3				35
1			3					2	2		1		1	1		16	2	1		36
																2				43
		1	1													1				44
		1	1													1				44A
																2				44C
																3				
27	17	17	236	22	13	37	18	35	35	2	32	20	26	22	7	1016	25	18	80	28
26	17	16	222	20	12	33	18	32	32	2	32	18	25	20	5	939	23	15	71	28
2	1	2	15	1		1	1	1	3		1	1				36	2		3	45
16	10	5	105	10	4	19	11	11	13	1	14	10	19	9	3	457	7	9	30	46
1		1	6		2	2										36	1		2	46A
8	7	2	39	3	1	5	7	5	4		5	2	4	5	2	148	2	5	12	46B
4	1		14	2	2	1	3	2	1		3	2	2		1	61	1		2	46C
1		1	17	1		1	1	1	1	1	3	2	6			48		2	4	46D
1			4	1		2			2		1	1				5				46E
																35				46F
1	2	1	25	3	1	8	1	2	5		2		6	4		124	3	2	10	46G
	1		3		1	1				1	1				1	39		1		147

TABLE 50—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Bellville	Bramford	Chatham	Cornwall	East Windsor	Fort William	Galt	Guelph	Hamilton	Kingston	Kitchener	London
47A. Of the larynx.....	19								1				2
47B. Of the lung.....	4						1	1		10			1
47C. Of the mediastinum.....	1				1								
47D. Of other organs of the respiratory system.....	2										1		
48. Cancer of the uterus.....	238	2	6	2	2		1	2	4	12	2	3	17
48A. Of the uterus.....	14	1	1	2	2		1	1	2	8	2	2	7
48B. Of the cervix uteri.....	9	1	5					1	2	1	1	1	10
49. Cancer of other female genital organs.....	71	1	2	2	4			1	6	6	1	1	4
50. Cancer of the breast.....	21		2	2	1	1	2	4	2	20	3	8	11
51. Cancer of the male genito-urinary organs.....	187			4	2			2	2	17	12	3	14
51A. Of the bladder.....	66		1	1									6
51B. Of the kidney.....	2		2	1						2	1	1	2
51C. Of the prostate gland.....	8		1	1	1				3	6		2	6
51D. Of the testicles and annexa.....	6												
51E. Of other male genito-urinary organs.....	6												
52. Cancer of the skin.....	4						1	1		6	1	2	3
53. Cancer of other or not specified organs.....	22	2	3	4	1	2	5		1	12	3	4	16
53A. Of the eye and orbit.....	1											1	
53B. Of the circulatory system.....	1												
53C. Of the glandular system.....	4		1			1	1			2	1		2
53D. Of the female urinary organs.....	32		1							2		2	6
53E. Of the bones and joints.....	31			2					1	1		1	4
53F. Of the brain.....	51						3			1		1	1
53G. Of the spine and spinal cord.....	6				1								
53H. Of the neck.....	10	1		1		1				2			
53I. Of the abdomen.....	1	1								2			
53J. Of other specified organs.....	13			1									1
53K. Multiple cancer.....	11		1						1	1	1		
53M. Of unspecified or unknown location.....	6												2
54. Non-malignant tumours.....	168	1	6	3	1		3		2	15	1	6	11
54A. Of the ovary.....	2						1		1	3		2	2
54B. Of the uterus.....	32		3						3	3		2	2
54D. Of the brain.....	38		2				1		1	5		1	3
54E. Of the thyroid gland.....	27	1		2			1						2
54F. Of the prostate gland.....	25			1						2		1	
54G. Of other or unspecified sites.....	2		1		1					2	1		2
55. Tumours, nature not specified.....	11	1								1	1		
55D. Of the brain.....	8	1								1	1		
55G. Of other or unspecified sites.....	3												
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES													
<b>Total.....</b>	<b>484</b>	<b>8</b>	<b>13</b>	<b>8</b>	<b>4</b>	<b>2</b>	<b>9</b>	<b>6</b>	<b>6</b>	<b>34</b>	<b>13</b>	<b>15</b>	<b>29</b>
56. Acute rheumatic fever.....	3	2	1	3						2		1	1
57. Chronic rheumatism, osteo-arthritis.....	2		1				1			1			1
59. Diabetes mellitus.....	271	5	7	3	2	2	3	3	6	20	6	10	23
62. Pellagra.....	1												
63. Rickets.....	10						1						
64. Osteomalacia.....	2		1										
65. Diseases of the pituitary gland.....	2												
66. Diseases of the thyroid and parathyroid glands.....	96	1		1	2		4	2		6	4	4	3
66A. Simple goitre.....	2											1	1
66B. Exophthalmic goitre.....	83	1		1	2		4	2		5	4	3	2
66C. Myxoedema, cretinism.....	1									1			
66D. Tetany.....	6												
67. Diseases of the thymus gland.....	29		1	1						1	2		
68. Diseases of the adrenals (Addison's disease).....	2									2			
69. Other general diseases.....	23		2					1		2	1		1
69A. Fatty or amyloid degeneration.....	6									1			
69C. Others under this title.....	15		2					1		1	1		1
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS													
<b>Total.....</b>	<b>234</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>6</b>		<b>2</b>	<b>3</b>	<b>7</b>	<b>12</b>	<b>5</b>	<b>4</b>	<b>20</b>
70. Haemorrhagic conditions.....	12									1			2
70A. Simple purpura.....	11									1			2
70B. Haemophilia.....	1												
71. Anaemia.....	132	2	2	1	3		1	2	6	3	2	2	10
71A. Pernicious anaemia.....	112	2	2	1	1		1	1	5	3	1	2	6
71B. Others under this title.....	20				2			1	1	1	1	1	4
72. Leukaemia and aleukaemia.....	86		2	1	3		1	1	1	7	3	1	8





TABLE 50—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	East Windsor	Fort William	Galt	Guelph	Hamilton	Kingston	Kitchene	London
72A. Leukaemia	62	2	1	2			1	1		7	3	1	7
72B. Aleukaemia (Hodgkin's disease)	18				1		1		1				1
73. Diseases of the spleen	9	1			1					1		1	
74. Other diseases of the blood and blood-forming organs	1												
<b>CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS</b>													
<b>Total</b>	32	1								3			1
75. Alcoholism	24	1								3			1
75B. Other alcoholic intoxications	24	1								3			1
76. Chronic poisoning, by other organic substances	2												
76A. Chronic morphinism	1												
76B. Chronic cocainism	1												
77. Chronic poisoning by mineral substances	6												
77A. Lead (including occupational)	3												
77B. Occupational, except lead	2												
77C. Others under this title	1												
<b>CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE</b>													
<b>Total</b>	992	17	17	10	13	2	12	3	6	86	28	14	61
78. Encephalitis (non-epidemic)	27	2	3								1		2
79. Simple meningitis	37				1		2			7	1	2	1
80. Progressive locomotor ataxia (tabes dorsalis)	16	1	1		1				1	1	2		1
81. Other diseases of the spinal cord	38	1	1	1				1		1			3
82. Cerebral haemorrhage, cerebral embolism and thrombosis	529	8	8	2	8	1	6		3	58	18	9	19
82A. Cerebral haemorrhage	409	7	7	1	8	1	6		3	51	15	9	14
82B. Cerebral embolism and thrombosis	53	1								4	1		3
82C. Softening of the brain	13											2	
82D. Hemiplegia and other paralysis, cause not specified	54		1	1						3			2
83. General paralysis of the insane	22						2			2			6
84. Dementia praecox and other psychoses	50		1	1									12
84A. Dementia praecox	15												8
84B. Other psychoses	35		1	1									4
85. Epilepsy	30	1	1	1						4	1	2	
86. Convulsions (under 5 years of age)	5	1											
87. Other diseases of the nervous system	106	1	1	2	3	1	2	2	1	6	2		8
87A. Chorea	3												
87B. Neuralgia and neuritis	8			1	1		1			1			
87C. Paralysis agitans	48			1	1	1	1	1	1	2			5
87D. Sclerosis (other than of the spinal cord)	27		1		1		1	1			2		3
87E. Others under this title	20	1								3			
88. Diseases of the organs of vision	8												
89. Diseases of the ear and mastoid process	124	3	1	3					1	7	3	1	9
89A. Otitis	49	1		2						3	1		3
89B. Mastoid process	75	2	1	1					1	4	2	1	6
<b>CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM</b>													
<b>Total</b>	4,940	44	109	78	40	15	41	62	64	450	131	84	273
90-95. Diseases of the heart	3,296	21	76	46	23	13	28	38	32	297	86	53	170
90. Pericarditis	5												
91. Acute endocarditis	42		1						1	6	3		1
91A. Specified as acute	38		1						1	6	3		1
91B. Unspecified (under 45 years of age)	4												
92. Chronic endocarditis, valvular diseases	482	3	13	10	6	5	5	5	4	43	10	11	22
92A. Endocarditis specified as chronic and other valvular diseases	474	3	11	10	6	5	5	5	4	42	10	11	22
92B. Endocarditis, unspecified, 45 years and over	8		2							1			
93. Diseases of the myocardium	1,207	6	24	19	6	2	7	18	13	120	19	24	72
93A. Acute myocarditis	49		1	1					3	7		4	2

OF 10,000 POPULATION AND OVER—ONTARIO, 1934—Continued

Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sandwich	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Walkerville	Welland	Windsor	Woodstock	
		1	7			2			1			1	1	2	1	24					72A
			1			2										7					72B
						1	1	1								2			1		73
																1					74
						1							1	1	1	20		2	1		
						1								1	1	16					75
														1	1	16					75B
																1			1		76
																1					76A
																3		2		1	76B
													1			2					77
													1			2		2			77A
																1					77B
																1					77C
16	10	9	84	10	12	20	13	17	13	4	15	15	17	9	10	377	12	9	25	26	
1	1		5	1		1								1		8			1		78
			3		2	4									1	11	1		1		79
1	1		1	1									1			4		1	1		80
	1		1								1	1				18	2		2		81
5	4	6	46	3	7	14	8	10	10	4	10	6	13	5	7	198	1	4	15	13	82
3	4	6	32	3	2	8	8	7	8	4	8	4	9	3	6	148		4	13	6	82A
			3			2		3	2		2		3	1		27			1		82B
			1													10					82C
2			10		4	4						2	1	1	1	13	1		1	7	82D
												1	1			10			1		83
2			1		1		1	2			1	1	1			23		1		2	84
1																6					84A
1			1		1		1	2			1	1	1			17		1		2	84B
			2	2	1	1		2								5		1		1	85
4	2	1	9	1			1	1			3	1	2	1		44	2	1	1	2	86
																2					87A
			1													2					87B
3	1	1	6								1		1			21					87C
			1					1			1		1			13	1				87D
1	1		1	1			1	1			1	1	1			6		1	1		87E
							1	1								6					88
2	2	1	16		1		2	1	3			4		1	2	50	6	1	3	1	89
1	1		7		1		1	1	3			3			1	16	3		1		89A
1	1	1	9				1					1			2	34	3	1	2	1	89B
60	42	65	466	63	25	119	47	77	78	16	60	53	50	46	22	1975	37	37	165	55	
33	24	35	314	45	21	73	37	51	50	16	31	40	40	36	19	1343	36	21	169	35	90-95
			1													4					90
			6					1	1	1			1			15	2	1	2		91
			6					1	1	1			1			12	2	1	1		91A
																3					91B
4	4	7	41	6	6	8	3	6	2	1	4	10	2	11	6	180	7	4	26	7	92
4	4	7	41	6	6	8	2	6	2	1	4	10	2	11	6	177	7	4	25	7	92A
							1									3					92B
12	8	3	122	20	12	27	6	25	22	5	9	18	25	15	8	480	7	3	36	14	93
2			7	1	2	2		3			1	1	1	2		8		1			93A

TABLE 50—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	East Windsor	Fort William	Galt	Guelph	Hamilton	Kingston	Mitchener	London
93B. Myocarditis, unspecified, under 45 years of age	10									3			
93c. Chronic myocarditis and myocardial degeneration	953	5	19	15	5	1	6	14	8	75	16	17	54
93D. Myocarditis, unspecified, 45 years and over	195	1	4	3	1	1	1	4	2	35	3	3	16
94. Diseases of the coronary arteries and angina pectoris	1,320	6	28	14	7	4	14	15	13	111	46	15	49
94A. Diseases of the coronary arteries	71		1		1	1	1	1		7	4		6
94B. Embolism and thrombosis of coronary arteries	1,056	4	25	11	6	2	13	11	11	91	40	12	35
94c. Angina pectoris	199	2	2	3		1		3		13	2	3	8
95. Other diseases of the heart	234	6	10	3	4	2	2		1	17	8	3	26
95A. Functional diseases of the heart	39	3	4	1						4	1	1	4
95B. Other and unspecified	195	3	6	2	4	2	2		1	13	7	2	22
96. Aneurysm (except of the heart)	35	1	1					1		3	1		1
97. Arteriosclerosis (of coronary arteries excepted)	1,309	19	21	28	15	2	11	18	28	115	37	27	83
98. Gangrene	49	2			1			1		3	3	2	1
99. Other diseases of the arteries	35		2		1				1	4			1
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	20							1		3		1	2
101. Diseases of the lymphatic system (lymphangitis, etc.)	5												
102. Idiopathic abnormalities of blood pressure	200	1	9	4			2	3	3	25	4	1	15
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM													
<b>Total</b>	1,347	10	26	5	26	4	18	13	23	131	36	33	87
104. Diseases of the nasal fossae and annexa	22			1			1			1		2	1
105. Diseases of the larynx	17				1				1	2	1		
105A. Croup	6								1	1			
105B. Other diseases of the larynx	11				1		1			1	1		
106. Bronchitis	41	1	3		2		1	1		3		2	1
106A. Acute	18		1		1					1			
106B. Chronic	22	1	1		1		1	1		2		2	1
106c. Unspecified	1		1										
107. Bronchopneumonia	561	5	13	1	11	1	6	4	8	64	9	11	39
107A. Bronchopneumonia	561	5	13	1	11	1	6	4	8	64	9	11	39
108. Lobar pneumonia	384		2	2	6	1	4	5	7	39	16	9	18
109. Pneumonia, unspecified	102		1	1	2	1	2	1	4	6	3	6	16
110. Pleurisy	51	3	2					1		3		1	3
111. Congestion and haemorrhagic infarct of the lung, etc.	56		1		1				2	9	5	2	2
111A. Pulmonary embolism and thrombosis	6									1			2
111B. Others under this title	50		1		1				2	8	5	2	
112. Asthma	86	1	3	2			1	1	1	2	2		5
113. Pulmonary emphysema	2												
114. Other diseases of the respiratory system (tuberculosis excepted)	25		1		1	1	2			2			2
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	7					1				1			
114B. Gangrene of the lung	1												
114c. Others under this title	17		1		1		2			1			2
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM													
<b>Total</b>	1,497	30	35	33	27	1	19	24	16	111	44	23	88
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	99	2	1	2	3			1	1	5	3	2	5
115A. Diseases of the buccal cavity and annexa	26				1				1	1			1
115B. Diseases of the tonsils	17	1			1						1		
115c. Others under this title	56	1	1	2	1			1		4	2	2	4
116. Diseases of the oesophagus	9									2			
117. Ulcer of the stomach or duodenum	158	3	1	3			2	3		13	7	2	6
117A. Ulcer of the stomach	70	2	1	3			1			7	2		4
117B. Ulcer of the duodenum	88	1					1	3		6	5	2	2
118. Other diseases of the stomach	27	1	1	1					1	1			
119. Diarrhoea and enteritis (under 2 years of age)	248	3	11	1	13		4	2		16	8	2	14
120. Diarrhoea and enteritis (2 years and over)	70		3	4	1			1	1	10		2	4
120A. Diarrhoea and enteritis	49		3	2	1			1	1	2		2	4
120B. Ulceration of the intestines	29			2						8			

OF 10,000 POPULATION AND OVER—ONTARIO, 1934—Continued

Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sandwich	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Walkerville	Welland	Windsor	Woodstock	
			1			1	1									1	2		1	93B	
6	7	2	97	16	9	18	5	21	18	3	6	13	14	10	6	422	4	3	24	14	93C
4	1	1	17	5	1	6		1	4	2	2	4	10	3	2	49	1		10		93D
14	10	24	107	16	2	30	24	19	21	5	12	9	9	6	4	619	12	8	41	12	94
		1	4			1	8	2		1			3			23	3	1	1	1	94A
9	9	19	76	11	2	19	13	13	18	4	6	6	5	5	3	521	6	6	35	9	94B
5	1	4	27	5		10	3	4	3		6	3	1	1	1	75	3	1	5	2	94C
3	2	1	37	3	1	8	4		4	4	6	3	3	4	1	45	2	5	14	2	95
1			3	1		2	1				1	1	1	1		7	1	1	2	1	95A
2	2	1	34	2	1	6	3		4	4	5	3	3	3	1	38	2	4	12	1	95B
		1	3					1							2	18	1	1			96
24	12	23	109	14	3	39	1	19	17		22	11	5	8		533	4	14	30	17	97
	2	1	10	1		1	2	1	1				1	1		13			1	1	98
			3					1			4		2			12			3		99
1								1	1							10					100
1	4	5	27	3	1	6	7	3	9		3	2	2	1	1	42	3	1	10	2	101
																					102
10	19	17	103	7	7	22	15	19	11	5	10	22	23	18	17	530	9	10	36	25	
	1	2	1	1				1				1				7	1		1		104
			1	1	1	1									1	5		1			105
			1	1		1										4					105A
	1		3	1	2			2				1				15		1		1	106
			3		2						1					7			1	1	106A
	1			1				2								8					106B
																					106C
2	3	2	25	1	2	3	4	4	3	1	1	9	8	9	9	278	5	3	7	10	107
2	3	2	25	1	2	3	4	4	3	1	1	9	8	9	9	278	5	3	7	10	107A
7	6	8	34	1	1	5	5	11	2	2	6	5	4	4	1	145	2	5	15	6	108
	3	1	13	2	1	6	1	1	2	1	1	2	4	3	3	8			5	2	109
	2	1	6	1	3	1		1		1	1			1		18	1		2		110
	1	1	7			2					1					19			2	1	111
	1	1	7			2					1					3					111A
	2	1	11	1		2	2	2	1	1		4	6	1		16			2	1	111B
								2								28		1	3	4	112
																					113
1		1	2										1		3	7				1	114
															3	2					114A
1		1	2										1			4				1	114B
																					114C
22	22	13	160	18	27	23	16	26	21		20	19	15	33	31	476	21	12	55	16	
2	1	1	10	2	3			3	2		4	1	2	4		35	2	1	1		115
			4	3					2		1	1	1			9	1				115A
1			1	1				1					2			8					115B
1	1	1	5	1				2			3		1	2		18	1	1	1		115C
1			1	1												4					116
3	2		15	1	3		2	1		3	4	2	3	2	69	5			2	1	117
2	1		11	1	1		1		1		1		2		28	2					117A
1	1		4		2		2	2		3	3	2	1	2	41	3			2	1	117B
			8			1		1		2			1		1	6		1	1		118
5	5	2	45	2	4	2	4	3	1		1	1		10	16	59	3		10	1	119
4	3		7	4	1	2	2	2			1				1	20	2		4	2	120
3	3		6	3	1	2		2							1	11	1				120A
1			1	1						1						9	1		4	1	120B





TABLE 50—CAUSES OF DEATH FOR CITIES AND TOWNS

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	East Windsor	Fort William	Galt	Guelph	Hamilton	Kingsston	Kitchener	London
149D. Rupture of uterus in parturition . . . . .	3									1			
149E. Others under this title . . . . .	5									1			
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE													
<b>Total</b> . . . . .	42	1	1	1	1		1	1	1	3	1		1
151. Carbuncle . . . . .	14		1	1				1				1	
152. Cellulitis, acute abscess . . . . .	21	1			1		1			3			
153. Other diseases of the skin and anexa and of the cellular tissue . . . . .	7								1				1
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION													
<b>Total</b> . . . . .	45						1			4	4	1	1
154. Osteomyelitis . . . . .	21						1			1			
155. Other diseases of the bones (tuberculosis excepted) . . . . .	9									3	2		
156. Diseases of the joints and other organs of locomotion . . . . .	19										2	1	1
156A. Of the joints (tuberculosis and rheumatism excepted) . . . . .	9										1		
156B. Of other organs of locomotion . . . . .	10										1	1	1
CLASS XIV.—CONGENITAL MALFORMATIONS													
<b>Total</b> . . . . .	260	3	2	4	4	1	2	2	3	28	4	8	17
157. Congenital malformations (stillbirths excluded) . . . . .	260	3	2	4	4	1	2	2	3	28	4	8	17
157A. Congenital hydrocephalus . . . . .	45			1	1	1				4	1	1	3
157B. Spina bifida and meningocele . . . . .	54		1				1			7	1		4
157C. Congenital malformations of the heart . . . . .	91	3		1	1				2	12		5	4
157D. Monstrosities . . . . .	5		1	1									
157E. Others under this title . . . . .	65			1	2		1	2	1	5	2	2	6
CLASS XV.—DISEASES OF EARLY INFANCY													
<b>Total</b> . . . . .	775	9	13	20	18	2	6	9	12	63	16	18	29
158. Congenital debility . . . . .	60		1	2	4	1	1			3	3	1	3
159. Premature birth . . . . .	479	6	10	10	5	1	3	5	8	37	8	15	15
160. Injury at birth . . . . .	149	2		5	1		1	3	2	15	3	1	7
160A. With mention of caesarean operation . . . . .	7									1			1
160B. Without mention of caesarean operation . . . . .	142	2		5	1		1	3	2	14	3	1	6
161. Other diseases peculiar to early infancy (under 3 months) . . . . .	87	1	2	3	4		1	1	2	8	2	1	4
161A. Atelectasis . . . . .	28	1		3	1			1	1	1	1	1	
161B. Icterus of the new-born . . . . .	15									3			
161C. Sclerema and oedema . . . . .	1												
161D. Athrepsia . . . . .	2				1								
161E. Others, including lack of care . . . . .	40		2		2		1		1	4	1		3
161F. No cause given, no doctor in attendance . . . . .	1												
CLASS XVI.—SENIILITY													
<b>Total</b> . . . . .	161	3	4	2	2		6		1	13	4	2	15
162. Senility . . . . .	161	3	4	2	2		6		1	13	4	2	15
162A. With senile dementia (70 years and over) . . . . .	27		1							3			8
162B. Without senile dementia (70 years and over) . . . . .	133	3	3	2	2		5		1	10	4	2	7
162C. Premature senility (55 years but under 70 years) . . . . .	1						1						









TABLE 50—CAUSES OF DEATH FOR TOWNS OF 5,000 TO

CAUSES OF DEATH	TOWNS										
	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Dundas	Eastview	Forest Hill	Fort Erie	Fort Frances
DEATHS—ALL CAUSES. Total.....	2405	127	69	162	92	104	76	55	26	67	45
CLASS I.—INFECTIOUS AND PARASITIC DISEASES											
Total.....	161	3	3	12	8	5	2	6	2	2	4
1. Typhoid fever.....	6							1			1
7. Measles.....	1										
8. Scarlet fever.....	1										
9. Whooping-cough.....	10			2		1		2			
10. Diphtheria.....	2			1							
11. Influenza.....	31	1	1		1		1		1		
11A. Sole cause.....	1										
11C. With pneumonia.....	13		1						1		
11D. With other diseases of the respiratory system.....	2				1						
11E. With intestinal complications.....	5					1					
11F. With other causes.....	10	1									
13. Dysentery.....	4				1						
15. Erysipelas.....	3										
16. Poliomyelitis and polioencephalitis (acute).....	2							1		1	
17. Lethargic or epidemic encephalitis.....	1										
23-32. Tuberculosis.....	90	2	2	8	6	3	1	2	1	1	3
23. Tuberculosis of the respiratory system.....	84	2	1	8	6	3	1	2	1	1	3
24. Tuberculosis of the meninges and central nervous system.....	1										
26. Tuberculosis of the vertebral column.....	1										
27. Tuberculosis of the bones and joints (vertebral column excepted).....	1										
27A. Of bones.....	1										
30. Tuberculosis of the genito-urinary system.....	2		1								
32. Disseminated tuberculosis.....	1										
32B. Chronic.....	1										
34. Syphilis.....	6										
36. Purulent infection, septicaemia (non-puerperal).....	3			1		1					
44. Other infectious or parasitic diseases.....	2										
44A. Chicken-pox.....	1										
44C. Others under this title.....	1										
CLASS II.—CANCER AND OTHER TUMOURS											
Total.....	250	18	5	17	9	12	8	4	4	8	5
45-53. Cancer and other malignant tumours.....	235	16	5	17	9	11	8	4	4	8	5
45. Cancer of the buccal cavity and pharynx.....	10			1							
46. Cancer of the digestive tract and peritoneum.....	124	10	3	8	5	7	4	3	3	6	2
46A. Of the oesophagus.....	6	1		1							
46B. Of the stomach and duodenum.....	46		1	4	2	2	2	3	1	2	
46C. Of the rectum.....	15	2		1	1	1				2	1
46D. Of the liver and biliary ducts.....	5					2	1				1
46E. Of the pancreas.....	5								2		
46G. Of other organs.....	38	1	2	2	2	2	1			2	
47. Cancer of the respiratory organs.....	4			2							
47B. Of the lung.....	3			1							
47C. Of the mediastinum.....	1			1							
48. Cancer of the uterus.....	25	2		2			1				2
48A. Of the uterus.....	16	1		2							
48B. Of the cervix uteri.....	9	1					1				2
49. Cancer of other female genital organs.....	9				2				1	1	
50. Cancer of the breast.....	20	3		1			1				
51. Cancer of the male genito-urinary organs.....	26		2	3		3		1			
51A. Of the bladder.....	8			1		2					
51B. Of the kidney.....	3										
51C. Of the prostate gland.....	13		2	1		1		1			
51D. Of the testicles and annexa.....	1										
51E. Of other male genito-urinary organs.....	1			1							
52. Cancer of the skin.....	2										
53. Cancer of other or not specified organs.....	15	1			2	1	2			1	1
52A. Of the eye and orbit.....	1	1									
52C. Of the glandular system.....	2									1	1
52D. Of the female urinary organs.....	2										
52E. Of the bones and joints.....	4				1		2				
52H. Of the neck.....	2				1	1					
52I. Of the abdomen.....	4										
54. Non-malignant tumours.....	12	1				1					
54A. Of the ovary.....	1					1					



TABLE 51—CAUSES OF DEATH FOR TOWNS OF 5,000 TO

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Dundas	Eastview	Forest Hill	Fort Erie	Fort Frances
54B. Of the uterus . . . . .	1										
54D. Of the brain . . . . .	7										
54E. Of the thyroid gland . . . . .	1										
54G. Of other or unspecified sites . . . . .	2	1									
55. Tumours, nature not specified . . . . .	3	1									
55D. Of the brain . . . . .	2										
55G. Of other or unspecified sites . . . . .	1	1									
<b>CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES</b>											
<b>Total</b> . . . . .	64	2	2	1	1	5	2	3		1	
56. Acute rheumatic fever . . . . .	5					1		1			
57. Chronic rheumatism, osteo-arthritis . . . . .	3										
59. Diabetes mellitus . . . . .	42	1	1	1	1	2	1	2		1	
66. Diseases of the thyroid and parathyroid glands . . . . .	6										
66B. Exophthalmic goitre . . . . .	6										
67. Diseases of the thymus gland . . . . .	4	1	1								
68. Diseases of the adrenals (Addison's disease) . . . . .	1										
69. Other general diseases . . . . .	3					2	1				
69A. Fatty or amyloid degeneration . . . . .	1							1			
69C. Others under this title . . . . .	2					2					
<b>CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS</b>											
<b>Total</b> . . . . .	37	3		3	1		1	1	2		
70. Haemorrhagic conditions . . . . .	1										
70B. Haemophilia . . . . .	1										
71. Anaemia . . . . .	21	2		2	1			1			
71A. Pernicious anaemia . . . . .	19	2		1	1			1			
71B. Others under this title . . . . .	2			1							
72. Leukaemia and aleukaemia . . . . .	15	1		1			1			2	
72A. Leukaemia . . . . .	12	1		1			1			1	
72B. Aleukaemia (Hodgkin's disease) . . . . .	3									1	
<b>CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS</b>											
<b>Total</b> . . . . .	8	1									1
75. Alcoholism . . . . .	7	1									1
75B. Other alcoholic intoxications . . . . .	7	1									1
76. Chronic poisoning, by other organic substances . . . . .	1										
76D. Other organic poisoning . . . . .	1										
<b>CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE</b>											
<b>Total</b> . . . . .	195	9	4	5	7	7	6	7	1	2	1
78. Encephalitis (non-epidemic) . . . . .	2			1		1					
79. Simple meningitis . . . . .	3				1						
80. Progressive locomotor ataxia (tabes dorsalis) . . . . .	3										1
81. Other diseases of the spinal cord . . . . .	3										
82. Cerebral haemorrhage, cerebral embolism and thrombosis . . . . .	89	8	2	2	3	3	6	7	1	2	
82A. Cerebral haemorrhage . . . . .	74	6	1	2	2	3	5	7	1	2	
82B. Cerebral embolism and thrombosis . . . . .	5	1									
82C. Softening of the brain . . . . .	2						1				
82D. Hemiplegia and other paralysis, cause not specified . . . . .	8	1	1		1						
83. General paralysis of the insane . . . . .	18										
84. Dementia praecox and other psychoses . . . . .	50			2	1						
84A. Dementia praecox . . . . .	32			1	1						
84B. Other psychoses . . . . .	18			1							
85. Epilepsy . . . . .	6		1		1	1					
86. Convulsions (under 5 years of age) . . . . .	4										
87. Other diseases of the nervous system . . . . .	13	1			1	1					
87A. Chorea . . . . .	3										
87C. Paralysis agitans . . . . .	3					1					
87D. Sclerosis (other than of the spinal cord) . . . . .	3				1						

10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1934—Continued

Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Whitby	
1	1							1				2	2				1	1	54B
										1								1	54D
												1						1	54E
												1						1	54G
																		1	55
												1						1	55D
												1						1	55E
																			55G
2	3	1	1	2	7		1	8	2	2	1	1	4		3	2	2	5	56
	1		1								1								57
2	1	1		1	5		1	7	2	2		1	1		3	1	2	1	59
	1			1				1					1			1		1	66
	1			1	2			1					1			1		1	66B
																		1	67
																		1	68
																			69
																			69A
																			69C
1	2	1	2	2	3			3		1			1	5	1			4	70
1																			70B
	2	1	1	2	2			2		1				3				1	71
	2			2	2			2		1				2				1	71A
														1				1	71B
														1	2	1		3	72
														1	2			2	72A
															1			1	72B
					1			2							1			1	73
					1			2							1			1	75
																		1	75B
																			76
																			76D
3	5	3	1	10	5	2	50	11	1	2	5	5	4	2	1	4	2	30	78
																			79
												1	1						80
																			81
																			82
	4	2	1	9	4	2	3	10	1	1	2	3	2	1	1	4	2	3	82A
	4	1	1	4	4	2	3	8	1	1	2	3	2	1	1	2	2	3	82B
				2				1											82C
																			82D
				3													2		83
								15											84
								30											84A
								22											84A
								8											84B
								8											84B
								1					1						85
1									1										86
1											1								87
	1	1			1									1	1				87
																			87A
																			87C
											1			1					87D

TABLE 50—CAUSES OF DEATH FOR TOWNS OF 5,000 TO

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Dundas	Eastview	Forest Hill	Fort Erie	Fort Frances
87E. Others under this title	4	1									
88. Diseases of the organs of vision	2					1					
89. Diseases of the ear and mastoid process	2		1								
89A. Otitis	2		1								
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM											
<b>Total</b>	745	40	22	55	28	32	25	11	10	31	11
90-95. Diseases of the heart	467	23	17	37	21	20	14	9	8	23	5
91. Acute endocarditis	1										
91A. Specified as acute	1										
92. Chronic endocarditis, valvular diseases	16	4	8	11	6	5	4	2	2	1	
92A. Endocarditis specified as chronic and other valvular diseases	9	4	7	9	6	5	3	2	2	1	
92B. Endocarditis, unspecified, 45 years and over	7		1	2		1	1				
93. Diseases of the myocardium	178	10		17	10	8	5	2	3	15	2
93A. Acute myocarditis	2			2	1					3	
93C. Chronic myocarditis and myocardial degeneration	127	8		14	7	5	4	1	3	10	1
93D. Myocarditis, unspecified, 45 years and over	4	2		1	2	3	1	1		2	1
94. Diseases of the coronary arteries and angina pectoris	138	7	8	8	5	4	5	4	3	3	3
94A. Diseases of the coronary arteries	2										
94B. Embolism and thrombosis of coronary arteries	108	7	8	6	4	3	5	1	2	2	3
94C. Angina pectoris	28			2	1	1		3	1	1	
94E. Other diseases of the heart	41	2	1	1		3		1		4	
95A. Functional diseases of the heart	4		1								
95B. Other and unspecified	37	2		1		3		1		4	
96. Aneurysm except of the heart	4	1									
97. Arteriosclerosis (of coronary arteries excepted)	217	11	4	14	5	9	9	1	1	7	5
98. Gangrene	10	1			1	1				1	
99. Other diseases of the arteries	3			1		1					
100. Diseases of the veins (varices, haemorrhoids, phlebitis etc.)	1	1									
101. Diseases of the lymphatic system lymphangitis, etc.	1										
102. Idiopathic abnormalities of blood pressure	47	3	1	3	1	1	2	1	1		1
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM											
<b>Total</b>	190	9	9	7	9	10	5	6	2	3	3
104. Diseases of the nasal fossae and annexa	2										
106. Bronchitis	6			1			1	1	1		
106A. Acute	1			1							
106B. Chronic	5						1	1	1		
107. Bronchopneumonia	86	5	6	3	2	3	1	2	1		
107A. Bronchopneumonia	86	5	6	3	2	3	1	2	1		
108. Lobar pneumonia	40	2	3	1	4	2	2			1	2
109. Pneumonia, unspecified	20	1		1	2	2		1			1
110. Pleurisy	6	1								1	
111. Congestion and haemorrhagic infarct of the lung, etc.	7										
111A. Pulmonary embolism and thrombosis	6										
111B. Others under this title	1										
112. Asthma	17			1	1	3	1			1	
114. Other diseases of the respiratory system (tuberculosis excepted)	3										
114B. Gangrene of the lung	1										
114C. Others under this title	2										
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM											
<b>Total</b>	188	15	7	21	4	10	1	6	2	10	5
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils including adenoid vegetations	11			3		1			1		
115A. Diseases of the buccal cavity and annexa	2			1							
115B. Diseases of the tonsils	2								1		
115C. Others under this title	7			1		1					
116. Diseases of the oesophagus	1									1	
117. Ulcer of the stomach or duodenum	9		1							1	1
117A. Ulcer of the stomach	5										
117B. Ulcer of the duodenum	4		1							1	1
118. Other diseases of the stomach	6					1					
119. Diarrhoea and enteritis (under 2 years of age)	45	5		4	2	2		5			



10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1934—Continued

Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Whitby
										1				1				287E
																		88
																		189
																		189A
15	36	17	11	40	27	10	15	37	14	17	23	46	30	12	20	36	19	55
10	26	11	6	18	18	5	11	26	6	15	16	21	20	5	14	25	10	28
				1														90-95
6	2	6	2	5	3	1	1	5	2	1	5	1	4	2	6	3	1	5
5	2	6	2	5	3	1	1	5	2	1	5	1	4	2	6	3	1	5
1																		92A
2	12	2	1	5	2	2	5	9	3	4	9	10	6	1	2	8	4	19
									1	1								92B
2	6		1	3	2	1	4	8	1	1	7	8	5	1	1	4	1	18
4	6	2		2		1	1	1	1	2	2	2	1	1	1	4	2	1
1	4	2	1	7	11	2	5	11	1	7	1	8	8	2	2	9	4	3
1																		93A
2	2	1		6	9	1	5	9	1	5	1	7	5	2	2	7	2	2
1	1	1	1	1	2	1		2	2	2	1	3	2		2	2	2	93B
2	2	1	2	2	2			1	3	3	1	2	2		4	5	1	93C
2	2	1	1	1				1					2		1		1	93D
4	13	5	3	17	6	3	4	1	7	6	2	6	7	4	5	9	3	26
1	1	1		2	1									1				94
																		94A
																		94B
																		94C
																		95
																		95A
																		95B
																		96
																		97
																		98
																		99
																		100
1	1		1	1	2	2		3	2		1	4	3	2	1	2	6	1
																		101
																		102
																		104
																		106
																		106A
																		106B
	2	4	2	3	4		15	5		1	1	2	3		3	4		14
	2	4	2	3	4		15	5		1	1	2	3		3	4		14
1	1	1	1	1		2	2	1		2	2	1	1		1			5
		3		2	3	1	3	3		1	1	1	1			2		1
1						1	1	1								1		108
1																		109
1																		110
1																		111
1																		111A
1																		111B
1																		112
																		114
																		114B
																		114C
10	8	2	8	12	6	4	6	10	1	3	3	9	11		1	5	5	3
																		115
																		115A
																		115B
																		115C
																		116
1																		117
1																		117A
																		117B
																		118
6	1	1	1	3	5	1		4	1	1		1	1			1		119











10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1934—Continued

TOWNS OF 5,000 TO 10,000 POPULATION

(of the International List above)

1934

Hawkesbury	1	
Ingersoll	3	
Kenora	1	
Leamington	1	
Lindsay	3	
Midland	3	
Mimico	1	
New Toronto	1	
Orillia	5	2
Port Colborne	2	1
Preston	1	
Renfrew	1	
Simcoe	2	
Smith's Falls	1	
Swansea	1	
Thorold	1	
Trenton	1	
Waterloo	1	
Whitby	1	
		B
		C
		E
		F
		G
		H

Table 52—Maternal Mortality, Ontario, 1934

Cities and Towns 5,000 Population and Over	Total		Institutional		Non-Institutional	
	Living births	Deaths from puerperal causes	Living births	Deaths from puerperal causes	Living births	Deaths from puerperal causes
Barrie	204	1	144	1	60	...
Belleville	367	2	259	2	108	...
Brampton	177	1	127	1	50	...
Branford	575	2	417	2	158	...
Brookville	241	2	223	2	18	...
Brantam	506	5	365	4	141	1
Burlington	138	1	82	1	56	...
Collingwood	123	3	68	3	55	...
Cornwall	434	4	286	4	148	...
Dundas	33	...	...	...	33	...
Eastview	133	...	...	...	133	...
East Windsor	242	...	...	...	242	...
Fort Erie	82	...	50	...	32	...
Fort Frances	106	...	27	...	79	...
Fort William	474	...	317	...	157	...
Galt	289	3	210	3	79	...
Guelph	327	4	192	1	135	...
Hamilton	2,730	22	1,884	21	846	1
Hawkesbury	155	1	22	1	133	...
Ingersoll	123	1	85	1	38	...
Kenora	193	1	162	1	31	...
Kingston	609	7	508	5	101	2
Kitchener	727	3	497	3	320	...
Lindsay	187	1	123	1	64	...
London	1,337	8	1,021	7	316	1
Midland	183	3	115	3	68	...
Mimico	113	1	60	1	53	...
New Toronto	104	...	1	...	103	...
Niagara Falls	405	2	281	2	121	...
North Bay	368	5	166	5	202	...
Orrilla	236	2	175	2	61	...
Oshawa	510	3	265	3	245	...
Ottawa	2,824	19	2,141	18	683	1
Owen Sound	323	1	204	1	119	...
Pembroke	280	4	101	3	179	1
Peterborough	545	3	332	3	113	...
Port Arthur	477	...	384	...	93	...
Port Colborne	113	...	5	...	108	...
Preston	78	...	5	...	73	...
Renfrew	147	...	85	...	62	...
St. Catharines	608	6	448	5	160	1
St. Thomas	323	5	233	5	90	...
Salisbury	160	...	1	...	159	...
Sarnia	409	3	277	2	123	1
Sault Ste. Marie	493	1	257	1	236	...
Simcoe	249	2	199	2	50	...
Smiths Falls	141	2	107	2	34	...
Stratford	320	...	227	...	93	...
Sudbury	767	8	317	8	450	...
Thornhill	66	1	21	1	45	...
Timmins	590	6	119	5	471	1
Toronto	10,615	67	7,515	59	3,100	8
Trenton	122	...	2	...	120	...
Walkerville	377	9	332	9	45	...
Waterloo	82	...	...	...	82	...
Welland	254	1	107	1	147	...
Whitby	38	...	4	...	34	...
Windsor	1,122	9	427	8	695	1
Woodstock	211	2	134	2	80	...
Total cities and towns of 5,000 and over	34,186	237	22,126	218	12,030	19
Remainder of province	28,078	111	4,381	15	23,697	66
Grand total	62,234	348	26,507	263	35,727	85



1 and 2	T
8	Sc
9	W
10	D
11	Ir
16	P
17	E
44a	C
22	T
23 32	T
34	S
66	L
106	P
107 109	P
110	I
140, 142a, 145	I
18	E



DEPARTMENT OF HEALTH

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Tenth Annual Report

OF THE

Department of Health

Ontario, Canada

FOR THE YEAR

1934

PRINTED BY ORDER OF  
THE LEGISLATIVE ASSEMBLY OF ONTARIO  
SESSIONAL PAPER No. 14, 1935



ONTARIO

TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty

1 9 3 5



TO THE HONOURABLE HERBERT ALEXANDER BRUCE,  
M.D., R.A.M.C., F.R.C.S. (Eng.),

*Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Tenth Annual Report of the Department of Health for the year 1934.

Respectfully submitted,

J. A. FAULKNER,  
*Minister of Health.*

TO THE HONOURABLE J. ALBERT FAULKNER, M.D.,  
*Minister of Health.*

SIR,—I have the honour to submit for your approval the Tenth Annual Report of the Department of Health, made in conformity with and under the provisions of The Public Health Act, for the year 1934.

I have the honour to be, Sir,

Your obedient servant,

W. J. BELL,  
*Deputy Minister of Health.*

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# DEPARTMENT OF HEALTH

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## Minister

HONOURABLE J. ALBERT FAULKNER, M.D.

## Deputy Minister

W. J. BELL, M.B.

---

John W. S. McCullough, M.D., C.M., D.P.H. . . . . Chief Inspector of Health

---

### Sanitary Engineering Branch

A. E. Berry, M.A.Sc., C.E., Ph.D. . . . . Director  
A. V. Delaporte, B.A.Sc., Chem. E., F.C.I.C. . . . . Chemist in Charge of Experimental Station  
O. V. Ball, B.A.Sc. . . . . Assistant Sanitary Engineer  
G. A. H. Burn, B.A.Sc. . . . . Assistant Sanitary Engineer  
E. W. Johnston, B.A.Sc. . . . . Assistant Sanitary Engineer  
A. T. Byram, B.A.Sc. . . . . Assistant Sanitary Engineer  
G. M. Galimbert, B.A.Sc. . . . . Assistant Sanitary Engineer  
L. A. Kay, M.A.Sc. . . . . Assistant Sanitary Engineer  
H. G. Tyler . . . . . Sanitary Investigator

### Preventable Diseases Branch

A. L. McKay, B.A., M.B. . . . . Director and Epidemiologist  
G. C. Brink, M.B. . . . . Clinical Specialist  
K. M. Shorey, M.D. . . . . Clinical Specialist  
R. P. Hardman, M.D. . . . . Associate Epidemiologist  
E. R. Harris, M.B. . . . . Clinical Specialist

### Child Hygiene Branch

John T. Phair, M.B., D.P.H. . . . . Director  
Edna L. Moore, Reg. N. . . . . Chief Public Health Nurse

### Laboratories Branch

Andrew MacNab, B.V.Sc. . . . . Director  
A. R. Bonham, B.A.Sc., F.C.I.C. . . . . Chemist  
Wallace McClure, M.B., D.P.H. . . . . Bacteriologist  
W. M. Wilson, M.D. . . . . Bacteriologist  
J. E. Bates, B.A., M.B. . . . . Pathologist  
J. E. Fasken, B.A.Sc. . . . . Assistant Chemist



### Branch Laboratories

A. J. Slack, Ph.C., M.D., D.P.H., Director.....	London
James Miller, M.D., F.R.C.S. (Edin.), Director.....	Kingston
J. W. Bell, M.B., Director.....	Fort William
N. F. W. Graham, M.B., Director.....	Sault Ste. Marie
W. A. R. Michell, M.B., D.P.H., Director.....	North Bay
C. B. Waite, M.D., Director.....	Peterborough
F. L. Letts, M.B., D.P.H., Director.....	Ottawa

### Industrial Hygiene Branch

J. G. Cunningham, B.A., M.B., D.P.H.....	Director
A. R. Riddell, B.A., M.B., D.P.H.....	Clinical Specialist
F. M. R. Bulmer, M.B., B.Sc., Med.....	Special Research
H. E. Rothwell, B.A.Sc.....	Chemist
C. M. Jephcott, M.A., Ph.D.....	Assistant Chemist
John D. Leitch, B.Sc.....	Physicist
W. C. Müller, A.R., San. I.....	Chief Sanitary Inspector

### Sanitary Inspectors

D. McKee.....	Sudbury
J. Richardson.....	North Bay
John Sime, A. R., San. I.....	Fort William
R. B. McCauley.....	Sault Ste. Marie
Hugh McIntyre, A.R., San. I.....	Kirkland Lake
A. S. O'Hara, M.R., San. I.....	Sioux Lookout

### Dental Services Branch

F. J. Conboy, D.D.S. (discontinued July 27th, 1934)	} Director
W. G. Thompson, D.D.S. (as from November 1st, 1934)	

### Nurse Registration Branch

A. M. Munn, Reg. N.....	Inspector of Training Schools
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### Public Health Education Branch

Mary Power, B.A.....	Director
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### Exhibits and Films

E. H. Jones .....	In Charge
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### Honourary Consultants

Public Health Administration.....	J. G. Fitzgerald, M.D., F.R.S.C.
Pediatrics.....	Alan Brown, B.A., M.B.
Obstetrics.....	Wm. B. Hendry, M.D., D.S.O.
Dental Services.....	Harold Keith Box, D.D.S.
Pathology.....	Oskar Klotz, M.B., F.R.S.C.

**District Officers of Health**

(Discontinued July 18th, 1934)

<b>District:</b>	No. 1. Thos. J. McNally, M.D., C.M., D.P.H.....	London
	No. 2. J. J. Fraser, M.D., D.S.O., D.P.H.....	Guelph
	No. 3. W. Egerton George, M.D., D.P.H.....	Hamilton
	No. 4. N. H. Sutton, M.B., D.P.H.....	Peterborough
	No. 5. Paul J. Moloney, M.D., C.M.....	Ottawa
	No. 6. Murray G. Thomson, M.D., D.P.H.....	North Bay
	No. 7. G. L. Sparks, M.D., D.P.H.....	Fort William
	No. 8. Hugh W. Johnston, M.D., D.P.H.....	Sault Ste. Marie

# ANNUAL REPORT

of the

## Department of Health

of the Province of Ontario

For the Year Ending December 31st, 1934

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### A RESUME OF THE WORK OF THE DEPARTMENT OF HEALTH FOR THE CALENDAR YEAR ENDING DECEMBER 31st, 1934

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The legislation passed by the Legislative Assembly at the Annual Session held in 1934, includes the following:

Bill No. 57—An Act respecting The Ontario Institute of Radio-Therapy.

His Majesty, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

1. This Act may be cited as *The Ontario Institute of Radio-Therapy Act, 1934*. Short title.

2. The agreement set forth in schedule "A" hereto is hereby confirmed and declared to be legal, valid and binding on the parties thereto respectively. Agreement validated.

3. The moneys respectively payable from time to time under the said agreement shall be payable out of the Consolidated Revenue Fund. Moneys due under agreement to be paid out of Consolidated Revenue Fund.

4. This Act shall come into force on the day upon which it receives the Royal Assent. Commencement of Act.

#### SCHEDULE "A"

##### AGREEMENT RE CANCER INSTITUTE

This Agreement made in duplicate this Fifteenth day of January, in the year One Thousand Nine Hundred and Thirty-four.

BETWEEN:

HIS MAJESTY THE KING in the right of the Province of Ontario, represented herein by the HONOURABLE JOHN MORROW ROBB, Minister of Health for the Province of Ontario (hereinafter called the "Government"),

of the first part;

—and—

THE BOARD OF HOSPITAL TRUSTEES OF THE CITY OF LONDON (hereinafter called the "Hospital"),

of the second part.

Whereas the Government has requested the Hospital to provide

facilities for the care and treatment of patients suffering from malignant or possibly malignant conditions and the Hospital has agreed thereto:

Witnesseth that in consideration of the mutual covenants and agreements hereinafter set forth and other valuable considerations, the Government and the Hospital mutually covenant and agree as follows:

1. The Government will pay to the Hospital an annual sum of Nine Thousand Dollars (\$9,000.00) and such annual amount shall be paid half yearly as follows, that is to say: At the end of each half year from the date of this agreement during the term of ten years from the date of this agreement.

2. The Government shall, without any expense of any kind to the Hospital, provide radium and radium emanation in such quantities at the place of treatment in an addition to Victoria Hospital in the City of London, such addition to be known as the Ontario Institute of Radio-Therapy (London), hereinafter called the Institute, as shall be required.

3. The Hospital, upon the execution of this agreement by the parties hereto, shall, without delay, provide suitable building accommodation, equipment and necessary supplies, other than radium and radium emanation for the care and treatment of indigent patients suffering from malignant or possibly malignant conditions, and will further provide and maintain a section of twenty (20) beds for the hospitalization of such patients.

4. The Hospital shall equip the Institute for the scientific study and application of all forms of treatment of Roentgen Rays, Radium and Radioactive substances other than supplying radium and radium emanation.

5. The Hospital shall accept for diagnosis and treatment, persons suffering from malignant and possibly malignant conditions, who are *bona fide* residents of the Province of Ontario, up to the limit of the capacity of the Institute and bed accommodation as agreed upon in this agreement. These patients may be referred to the Institute by any duly qualified practitioner in the Province of Ontario. The responsibility of payment will be as provided by *The Public Hospitals Act, 1931*, with subsequent amendments thereto and the regulations passed thereunder. For patients who may not be indigents under the terms of *The Public Hospitals Act, 1931*, the Hospital may charge rates in excess of the statutory per diem allowance for the maintenance of indigent patients and such patients will be termed "Pay" patients. The fees charged for diagnostic service and pay patient service shall be as approved by the Government, after recommendations have been made by the Supervising Committee, which Committee shall be created under this agreement. The understanding of this agreement is that these rates shall be in line with, but not in excess of, the rates charged for similar quality of service in other departments of the Hospital.

6. The Institute shall, at all times, be responsible to and under

the direction of the Hospital, and shall be governed by the Rules and Regulations as may be promulgated from time to time by the Hospital.

7. All Radio-Therapeutic work undertaken and carried on by the Institute shall be in conformity with the Rules and Regulations passed and approved by the International Safety Committee of Radiologists.

8. A Supervising Committee of five (5) non-medical members, except as hereinafter provided, shall be appointed in the manner following:

- (a) Two members shall be appointed by the Government, one of whom may be the Minister of Health.
- (b) One member shall be appointed by the Hospital:
- (c) Two members shall be appointed by the University of Western Ontario;
- (d) The Committee shall choose one of its members as Chairman;
- (e) Any vacancy occurring in the membership of the Supervising Committee shall be filled in the same manner.

9. The Supervising Committee as appointed herein shall be considered as the representative of the public in the operation of the Institute. This Committee will have full access to the records and all details of the Institute services. It will hold quarterly meetings, at which meetings the work of the Institute shall be reviewed. This Committee will have full authority to investigate any service, policy or detail of the Institute and shall submit regular reports to the Department of Health. The Committee shall investigate the charges made for service and the efficiency of the Institute service and keep the Department of Health advised as to whether the terms of this agreement are being carried out. The Committee will, from time to time, make such recommendations to the Government or the Hospital in respect to the service and the charges made therefor which seems necessary in order to carry out the service agreed upon under the terms of this agreement. The Committee shall function as an Advisory organization to both the Government and the Hospital with respect to the service being given by the Institute.

10. The Medical Staff of the Institute shall include the Dean of the Medical Faculty of the University of Western Ontario, and the Heads of the Departments of Medicine, Physics, Orthopaedic Surgery, General Surgery, Genito-Urinary Surgery, Obstetrics-Gynaecology, Ophthalmology-Otolaryngology, Pathology and Radiology in the Medical Faculty of the University of Western Ontario and the Medical Superintendent of Victoria Hospital, if any. Additional members to the Medical Staff of the Institute may be appointed by the Hospital, provided that such appointments are approved by the Supervising Committee and the Medical Staff as constituted in this paragraph.

11. The Supervising Committee, on the advice of the Medical Staff of the Institute, shall nominate to the Hospital, one of the Medical Staff, as Chief of the Medical Staff of the Institute and one of the said Medical Staff as Radiologist and one of the said Medical Staff as Medical Registrar and Honorary Secretary, and if such nominations be approved by the Hospital, the Hospital shall appoint such members accordingly. The Medical Staff of the Institute shall meet monthly when the work of the Institute shall be reviewed from a medical-staff standpoint.

12. This Committee shall arrange and appoint adequate and competent professional and business supervisions or direction of the Institute. This direction or supervision shall include responsibility for:

- (a) The use and application of Roentgen Rays, Radium and Radio-active substances.
- (b) Radiological service.
- (c) Guardianship of all Radium, Radio-active substances and all X-ray and other apparatus and equipment of the Institute.
- (d) Laboratory services of the Institute required for the preparation of and the physical and chemical investigation of the properties, actions and uses of Roentgen Rays, Radium and other Radio-active substances.
- (e) The co-operation of the active staff of the Institute in the investigation and treatment of all patients referred to the Institute and in the preparing of histories and follow-up service.
- (f) For the organization of records and social service activities which shall give the details of the history of the examination for cancer in the different regions of the body, the details of the treatment by Radium or X-ray and the results of the periodic examination at intervals for a period of at least five years following treatment and for the indicating of this information on forms which shall be approved by the Minister of Health of the Province of Ontario.
- (g) The permanent preservation of microscopic slides and gross material and for the filing of all material in such a way that a review of the material may be readily accomplished at some future time when special study of the subject may be required.
- (h) The adequate staffing of the department and control of same.

13. It is understood and agreed between the parties hereto as follows:

- (a) All patients in the Institute occupying public ward beds shall, as in the case of all other public service in the Victoria Hospital, be subject to clinical investigation and instruction as is now conducted in the public wards of the Hospital.

- (b) All private patients of the Institute must be referred by a duly qualified medical practitioner, and the Institute reserves the right fully to investigate the patient's condition to determine whether or not it is a suitable case for radiation therapy, either alone or in combination with other forms of therapy.
- (c) Should the patient not be considered suitable for the treatment as mentioned in paragraph "b" hereof, the medical practitioner, referring such patient, shall be forthwith notified.
- (d) Should a private patient's condition necessitate operative treatment combined with radio-therapy and such patient has been referred to the Institute by a duly qualified medical practitioner, such medical practitioner may be extended the privilege of carrying out the operative treatment in co-operation with a member of the Radiological Staff of the Institute.

14. The Government may appoint one or more representatives who shall, from time to time, have power to inspect all records and equipment of the Institute.

15. The parties hereto hereby agree that this Agreement shall be binding upon their respective successors and assigns.

In witness whereof these Presents have been duly executed under seal.

Signed, Sealed and Delivered  
in the presence of

C. J. TELFER

K. GRANT CRAWFORD,  
as to T. F. Kingsmill.

JOHN M. ROBB.

T. F. KINGSMILL, JR.,  
*Chairman,*  
*Victoria Hospital Trust.*

G. A. WENIGE.

Bill No. 67—An Act to amend The Public Health Act.

His Majesty, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

1. This Act may be cited as *The Public Health Act, 1934.*

Short title.

2.—(1) Section 1 of *The Public Health Act* is amended by adding thereto the following clause:

Rev. Stat.,  
c. 262, s. 1,  
amended.

(cc) "Health unit" shall mean a county or two or more counties, or a municipality, or two or more municipalities forming part of a county, or in two or more counties, or a municipality, or two or more municipalities in a territorial district, either alone or in conjunction with a school section, or two or more school sections in unorganized territory.

"Health  
unit."

Rev. Stat.,  
c. 262, s. 1,  
cl. f,  
amended.

- (2) Clause *f* of the said section 1 is amended by adding at the end thereof the words "or of a health unit" so that the said clause shall now read as follows:

"Local  
board."

- (*f*) "Local board" shall mean the local board of health for any municipality or of a health unit.

Rev. Stat.,  
c. 262, s. 12,  
subs. 1,  
amended.

3.—(1) Subsection 1 of section 12 of *The Public Health Act* is amended by adding at the end thereof the words "except where a health unit is established under this Act" so that the said subsection shall now read as follows:

Local  
boards.

- (1) There shall be a local board of health for every municipality in Ontario except where a health unit is established under this Act.

Rev. Stat.,  
c. 262, s. 12,  
amended.

(2) The said section 12 as amended by section 2 of *The Public Health Act, 1930*, is further amended by adding thereto the following subsection:

Local  
board where  
health unit  
established.

- (6) Where a health unit is established, the local board thereof shall be constituted and appointed as provided by the regulations, and such local board shall take the place of the local board or boards which but for the establishment of the health unit would exist in the municipality or municipalities forming the health unit.

Rev. Stat.,  
c. 262,  
amended.

4. *The Public Health Act* is amended by adding thereto the following section:

Health  
unit,—  
formation of.

34a.—(1) The council of a county may by by-law establish and declare the county to be a health unit or the councils of two or more counties, or the councils of various municipalities, or of adjacent municipalities in the same county, or in different counties, or the council of a municipality or of two or more municipalities in a territorial district, either alone or in conjunction with the trustees of a school section, or of two or more school sections, may enter into an agreement in writing for the formation of a health unit.

Appoint-  
ment and  
salary of  
M.O.H.

- (2) The appointment and salary of the medical officer of health for a health unit shall be as provided by the regulations and shall be subject to the approval of the Minister.

Powers and  
duties.

- (3) Where a medical officer of health is appointed for a health unit, the provisions of this Act with respect to the appointment of municipal officers of health for the territory included in the health unit shall not apply and the powers and duties of a medical officer of health in any such municipality shall thenceforth be exercised and performed by the medical officer of health for the health unit.

ns.

- (4) The Minister, with the approval of the Lieutenant-Governor in Council may make regulations which may be general or particular in their application,—



- (a) respecting the establishment of a health unit;
  - (b) providing for the constitution of a board of health in any health unit, fixing the number of members and defining the powers of the board;
  - (c) prescribing the powers, qualifications, salary and duties of a medical officer of health in a health unit;
  - (d) respecting the appointment and the tenure of office of the medical officer of health in a health unit;
  - (e) apportioning any expense incurred in carrying out this section and the regulations among municipalities and school sections concerned.
- (5) The expense incurred in carrying out the provisions of this Act and the regulations made thereunder with respect to a health unit shall be borne and paid in such proportion as may be agreed upon, or in default of agreement, in such proportion as may be fixed by the Minister, or in such manner as may be prescribed by the regulations. Expenses. — how borne and paid.
- (6) Subject to the regulations where a health unit is established under this Act the Minister may grant such assistance for the establishment and maintenance of the health unit as he may deem proper and any such grant shall be payable out of any moneys appropriated by the Legislature for that purpose. Provincial assistance.

5. Subsection 1 of section 36 of *The Public Health Act* is amended by striking out the words "before whom cause shall be shown for the dismissal" in the ninth and tenth lines and inserting in lieu thereof the words "Who may require cause to be shown for the dismissal," so that the said subsection shall now read as follows: Rev. Stat., c. 262, s. 36, subs. 1, amended.

- (1) Every medical officer of health appointed by the council shall hold office during good behaviour and his residence in the municipality, or in an adjoining municipality and, if appointed by the Lieutenant-Governor in Council, shall hold office until the 1st day of February in the year following that of his appointment, and no medical officer of health shall be removed from office except on a two-thirds vote of the whole council and with the consent and approval of the Minister who may require cause to be shown for the dismissal. Dismissal

6. *The Public Health Act* is amended by adding thereto the following section: Rev. Stat. c. 262, amended.

- 37a. No action, prosecution or other proceeding shall be brought or be instituted against a medical officer of health for an act done in pursuance or execution or intended execution of any statutory or other public duty or authority, or in respect of any alleged neglect or default in the execution of any such duty or authority without the consent of the Minister of Health. Action against M.O.H. prohibited:

Rev. Stat.,  
c. 262, s. 54,  
amended.

7. Section 54 of *The Public Health Act* as amended by section 5 of *The Public Health Act, 1931*, is further amended by adding thereto the following subsection.

Maternity  
cases,—  
duty as to  
reporting  
death of  
mother.

- (4) It shall be the duty of every physician, medical officer of health, superintendent of a hospital, nurse, midwife or other person in charge of a maternity case in which the death of a mother takes place from causes directly or indirectly associated with pregnancy or parturition forthwith to report such death and the causes thereof according to the regulations.

Rev. Stat.,  
c. 262, s. 57,  
re-enacted.

8. Section 57 of *The Public Health Act* is repealed and the following substituted therefor:

Isolation of  
patient.

57. Where by the regulations the provisions of this section are made applicable in respect of any communicable disease, the medical officer of health or the local board shall as required by the regulations, isolate persons having such disease, persons who are or may be contacts therewith and persons who are or may be carriers thereof, and shall forthwith and as provided by the regulations quarantine the house or premises in which such disease exists or in which such persons are isolated.

Rev. Stat.,  
c. 262, s. 86  
(1933,  
c. 50, s. 6),  
subs. 3, 4, 5,  
amended.

9. Subsections 3, 4 and 5 of section 86 of *The Public Health Act* as re-enacted by section 6 of *The Public Health Act, 1933*, are amended by striking out the figure "1" where it occurs in each of the said subsections and inserting in lieu thereof the figure "2," so that the said subsections shall be read as referring and having referred to subsection 2 of the said section.

Rev. Stat.,  
c. 262, s. 89,  
re-enacted.

10. Section 89 of *The Public Health Act* is repealed and the following substituted therefor:

Inspection  
of dairies,  
etc.

- 89.—(1) The medical officer of health may make or cause to be made by a veterinary surgeon or other competent person an inspection, periodical or otherwise, of all dairies, cheese factories, creameries, dairy farms, slaughter-houses and other lands or premises wherein or from which any milk, cream, cheese, butter, meat or other product intended for human consumption is produced, handled, stored, made, processed, packed, bottled, distributed or delivered, and if upon or as a result of any such inspection he finds that any such building, land or premises, or the equipment, machinery, works or other part of the plant therein, or any other matter or thing therein is in a filthy or unclean state or that the operations carried on therein are not, or cannot be carried on in a sanitary manner, or that persons are employed therein who from incompetency, uncleanliness or otherwise are not proper to be employed therein so that from or by reason of any such matters or things, the public health may be endangered, he may order the owner or occupant of such building, land or premises to remedy such matters or things to his satisfaction, and until such

time as he is satisfied that such matters or things are remedied he may prohibit or regulate the distribution, delivery, sale or offering for sale of any products from such building, land or premises.

Power  
to order  
cleansing.

- (2) When any of the products mentioned in subsection 1 are distributed or delivered from or are made in any of the buildings, land or premises mentioned in the said subsection and are sold or offered for sale in any municipality other than the one in which such building, land or premises is situate, the medical officer of such other municipality may with respect thereto exercise the powers conferred by subsection 1 and may prohibit or regulate the distribution, delivery, sale or offering for sale of such products in the municipality in which he is the medical officer of health.
- (3) An inspection made under this section by a veterinary surgeon or other person approved by the Department as competent shall for the purposes of this section be deemed to have been made by a competent person.
- (4) The owner or occupant of any building, land or premises dissatisfied with any order, prohibition or regulations made by a medical officer of health under the provisions of this section may within seven days of notice thereof being served upon him personally, or sent by registered mail, postage prepaid, at his last-known address, or at the building, land or premises in question, appeal from such order, prohibition or regulation to the Minister of Health whose decision in the matter shall be final and not subject to question or review in any court.
- (5) Any person contravening the terms of any order, prohibition or regulation made under the provisions of this section shall incur a penalty of not less than \$5 and not more than \$100 for each offence, and any product distributed, delivered, sold or offered for sale in contravention of any such prohibition or regulation may upon the order of the convicting justice or magistrate be confiscated and destroyed.

Where  
buildings  
used for  
distribution  
delivery, etc.

Competent  
person,—  
who deemed  
to be.

Appeal  
from order,  
etc.

Penalty.

11. Section 94 of *The Public Health Act* is repealed and the following substituted therefor:

Rev. Stat.,  
c. 262, s. 94,  
re-enacted.

- 94.—(1) No sewage, drainage, domestic, commercial or factory refuse, excremental or other polluting matter of any kind whatsoever which either by itself or in connection with other matter corrupts, pollutes or impairs or may corrupt, pollute or impair the quality of the water or any source of public water supply for domestic use in any municipality, or which renders or may render such water injurious to health shall be placed in, deposited on, or discharged into the waters, or placed or deposited upon the ice of any such source of water supply, or be placed, deposited or discharged, or suffered to remain in, on or upon the bank or shore of any such source of water supply, or in, on or upon any

Polluting  
water  
supply.

lands adjacent to any such source, nor shall any person bathe or swim in the water of any such source of water supply.

Pollution of land adjacent to water supply.

- (2) For the purposes of this section land adjacent to a source of public water supply shall include such surface area of land where from by reason of the levels thereof or the nature and texture of the soils thereof, or rocks underlying the same, any corrupting, polluting or impairing effluent emanating from matter placed, deposited, discharged or remaining in, on or upon such land, would or may flow, percolate or seep into such source of water supply.

Defined area,—notice of.

- (3) The Department may, with respect to any source of public water supply, define and prescribe an area surrounding such source of water supply wherein none of the matters referred to in subsection 1 may be placed, deposited, discharged or suffered to remain, and give such notice of any as the Department may deem necessary for the due protection of such source of water supply.

Penalty.

- (4) Every person who contravenes any of the provisions of subsection 1, or who, within any area surrounding a source of public water supply after the same has been defined and prescribed by the Department, places, deposits, discharges or suffers to remain any of the matters referred to in subsection 1, shall for each offence incur a penalty of not less than \$5 and not more than \$100 and each week's continuance of the offence after notice by the Department or any local board to discontinue the offence, shall constitute a separate and subsequent offence for which a penalty of not less than \$10 and not more than \$100 shall be incurred.

Commencement of Act.

12. This Act shall come into force on the day upon which it receives the Royal Assent.

---

Bill No. 68—An Act to amend The Venereal Diseases Prevention Act.

His Majesty, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

Short title.

1. This Act may be cited as *The Venereal Diseases Prevention Act, 1934*.

Rev. Stat., c. 264, s. 3, subs. 5, amended.

2. Subsection 5 of section 3 of *The Venereal Diseases Prevention Act* is amended by striking out the word "Board" in the fifth line and inserting in lieu thereof the words "Department of Health," and by striking out the words "Chairman and secretary of the Board" in the sixth and seventh lines and inserting in lieu thereof the words "Minister of Health," so that the said subsection shall now read as follows:

- (5) No action or other proceeding shall be brought against any legally qualified medical practitioner in respect of any examination, report or certificate made or given by him under the provisions of this Act, unless and until the consent in writing of the Department of Health to such action or other proceeding has been given, signed by the Minister of Health.
- Report of certificate not ground for action.

3. This Act shall come into force on the day upon which it receives the Royal Assent.

Commencement of Act.

Bill No. 95—An Act to amend The Dentistry Act

His Majesty, by and with the advice and consent of the Legislative Assembly of the Province of Ontario enacts as follows:

1. This Act may be cited as *The Dentistry Act, 1934*.

Short title.

2. Subsection 3 of section 5 of *The Dentistry Act*, is amended by striking out the word and figure "Form 1" in the last line, so that the said subsection shall now read as follows:

Rev. Stat., c. 198, s. 5, subs. 3, amended.

(3) The votes at such election shall be given by closed voting papers.

How votes to be given.

3. Section 21 of *The Dentistry Act* as amended by section 4 of *The Dentistry Act, 1931*, is amended by adding thereto the following subsection:

Rev. Stat., c. 198, s. 21, amended.

(1a) No person in pursuit of his business, trade or calling shall have in any place dental equipment of a character similar to that with which a place of business of a member of the Royal College of Dental Surgeons of Ontario is equipped, and which equipment would enable the person generally to practise dental surgery or perform dental operations, and the presence of such equipment in such place shall be *prima facie* evidence that the practice of dental surgery and the performance of dental operations is being carried on therein.

Dental equipment—restriction as to use of by unqualified person.

4. Subsection 3 of section 23 of *The Dentistry Act* is repealed and the following substituted therefor:

Rev. Stat., c. 198, s. 23, subs. 3, re-enacted.

(3) The Board or the executive committee of its own motion may, or upon the application in writing of four members of the College, the president shall instruct the discipline committee to inquire into any case in which it is alleged that a member of the College has become liable to the suspension or cancellation of his certificate of license for any of the causes mentioned in subsection 1.

Inquiry as to suspension or cancellation of certificate.

5. Section 25 of *The Dentistry Act* is amended by striking out the words "a divisional court" in the last line and inserting in lieu thereof the words "the Court of Appeals for Ontario," so that the said section shall now read as follows:

Rev. Stat., c. 198, s. 25, amended.

No action to lie against Board or committee.

25. No action shall be brought against the Board or the committee or any member thereof for anything done in good faith under this Act on account of any want of form or irregularity in their proceedings, but a member whose certificate of license has been suspended or cancelled may, at any time within one month from the date of the decision of the Board, appeal from the decision of the Board to the Court of Appeal for Ontario.

Appeal from decision of Board.

Rev. Stat., c. 198,

Sched. "A," Form 1, repealed.

Commencement of Act.

6. Form 1 of schedule "A" to *The Dentistry Act* is repealed.

7. This Act shall come into force on the day upon which it receives the Royal Assent.

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Bill No. 96—An Act to amend The Medical Act.

His Majesty, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

Short title.

1. This Act may be cited as *The Medical Act, 1934*.

Rev. Stat., c. 196, amended.

2. *The Medical Act* is amended by adding thereto the following section:

Qualifications.

21. Every person desirous of being registered under this Act shall, before being entitled to registration, be possessed of such qualifications as the orders, regulations or by-laws of the council may provide and shall have complied therewith.

Rev. Stat., c. 196, amended.

3. *The Medical Act* is amended by adding thereto the following section:

Substitution of examinations held under the Canada Medical Act.

- 22.—(1) The council may by by-law provide that persons applying for registration shall pass the examinations conducted by the Medical Council of Canada pursuant to the provisions of the *Canada Medical Act* and produce a certificate of qualification from such last-mentioned Council.

Provincial examinations suspended.

- (2) During the time a by-law passed under the authority of subsection 1 remains in force and the Medical Council of Canada conducts annual examinations within Ontario, the Council shall not be required to appoint examiners or conduct examinations as provided in sections 24, 25 and 26.

Commencement of Act.

4. This Act shall come into force on the day upon which it receives the Royal Assent.

The foregoing amendments to the Public Health Act have been arranged in the numerical order of the sections amended and incorporated with amendments passed during the preceding years. These have been printed and are available to all health workers desiring to have for ready reference all additions to the Public Health Act since its publication in pamphlet form in 1928, at which time the changes for that year were added to the original legislation passed in 1927 (R.S.O. 1927, Chapter 262).

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The following regulations were passed by the Executive Council:

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 10th day of March, A.D. 1934.

Upon the recommendation of the Honourable the Minister of Health and Labour, the Committee of Council advise that until further notice, the operation of Regulations (4) subsection (c) of the Rules and Regulations relating to the Registration of Nurses be suspended as applying to places outside the Dominion of Canada.

The Committee further advise that the Order-in-Council dated 26th February, 1932, in connection with this matter be repealed.

Certified,

C. F. BULMER,  
*Clerk, Executive Council.*

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Copy of an Order-in-Council approved by The Honourable, the Lieutenant-Governor, dated the 7th day of March, A.D. 1934.

Upon the recommendation of the Honourable the Minister of Health and Labour, the Committee of Council advise that the hereinafter mentioned persons be appointed as Examiners under the provisions of the Regulations governing Training Schools for Nurses, at the rate of Nine Dollars (\$9.00) per diem:

MISS E. CLARKE, Toronto, Ontario  
REV. SR. ST. ELIZABETH, Sault Ste. Marie, Ontario  
MISS M. THOMPSON, Ottawa, Ontario  
MISS G. M. SHARPE, Toronto, Ontario  
MISS L. ACTON, Kingston, Ontario

MISS G. GIBSON, Smiths Falls, Ontario  
 MISS B. JEFFREY, Stratford, Ontario  
 MISS E. L. RACICOT, Weston, Ontario

Certified,

C. F. BULMER,  
*Clerk, Executive Council.*

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Copy of an Order-in-Council approved by The Honourable, the Lieutenant-Governor, dated the 6th day of February, A.D. 1934.

Upon the recommendation of the Honourable the Minister of Health and Labour, the Committee of Council advise that the under-mentioned persons be appointed to comprise the Council of Nurse Education for the term designated opposite each name, under the provisions of the Rules and Regulations for the Registration of Nurses. Said appointments to be effective from the 7th day of January, 1934.

MISS E. MACP. DICKSON, to serve for 1 year.	
MISS F. C. RITCHIE, to serve for 1 year.	
MISS E. N. MCKEE, to serve for 1 year.	
DR. W. J. BELL, to serve for 1 year.	
DR. W. J. DOBBIE, to serve for 1 year.	
THE INSPECTOR OF TRAINING	} ex officio members with voting power.
SCHOOLS FOR NURSES	
THE INSPECTOR OF HOSPITALS	

Certified,

C. F. BULMER,  
*Clerk, Executive Council.*

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Copy of an Order-in-Council approved by The Honourable, the Lieutenant-Governor, dated the 28th day of March, A.D. 1934.

Upon the recommendation of the Honourable the Minister of Health and Labour, the Committee of Council advise that the Order-in-Council passed on March 19th, 1934, providing for compensation to Dentists in the Province of Ontario for services rendered to indigents, be amended as follows:

That the words "Ontario Dental Association" be stricken out and the words "The Dental Advisory Committee" be substituted therefor, in the first and last paragraphs of the Order.

Certified,

C. F. BULMER,  
*Clerk, Executive Council.*



Copy of an Order-in-Council approved by The Honourable, the Lieutenant-Governor, dated the 17th day of April, A.D., 1934.

Upon the recommendation of the Honourable the Minister of Health and Labour, the Committee of Council advise that the attached Regulations be approved for application in the unorganized territory, as provided by authority contained in section 119 of *The Public Health Act*; and that the Regulations approved by Order-in-Council, 19th day of May, 1921, be repealed.

Certified,

C. F. BULMER,  
*Clerk, Executive Council.*

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## THE PUBLIC HEALTH ACT REGULATIONS

Respecting camps, works and premises and the employers and workmen thereof in territorial districts without municipal organization.

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### PART I

1. In these regulations:

“Camp” shall mean any camp, work or other premises established to house workmen employed in any lumbering, mining or other work or occupation, and shall include a permanent camp;

“Permanent camp” shall mean a camp in which more than twenty workmen, exclusive of one foreman and one clerk are usually housed;  
“Employer” shall mean and include any person employing workmen in any lumbering, mining or other work or occupation, excepting agriculture;

“Workmen” shall mean and include any persons including foreman and clerks in the employ of an employer in a camp.

“Inspector” shall mean a Provincial Sanitary Inspector appointed under *The Public Health Act*;

“Unorganized district” shall mean any place in a territorial district which is without municipal organization;

“Communicable disease” shall mean a disease which by the provisions of *The Public Health Act* or the regulations made thereunder is named a communicable disease.

“Medical contract” shall mean a contract entered into under these regulations between an employer and a contract physician for the medical and surgical care and treatment of the workmen of such employer housed at a permanent camp;

“Sanitation contract” shall mean a contract entered into under these

regulations between an employer and a contract physician for the sanitary control over and inspection of a permanent camp;

“Contract physician” shall mean a legally qualified medical practitioner who under the terms of a medical contract or sanitation contract has charge over the health of workmen housed in or the sanitary conditions of a permanent camp;

“Department” shall mean the Department of Health for Ontario; “Minister” shall mean the Minister of Health for Ontario.

2. These regulations shall apply and have force in every unorganized district in Ontario and shall apply to every employer and camp therein.

3. The provisions of this Part shall apply to every Part of these regulations.

4. No employer shall house more than twenty workmen, exclusive of one foreman and one clerk, in any camp other than a permanent camp unless the usual or expected period of employment of such workmen is in the case of mining operations for less than six months and is in other cases for less than four months.

5. It shall be the duty of any person acting on behalf of an employer as a superintendent, manager, agent or other supervisory capacity in charge of any camp to observe, perform and carry out or cause to be observed, performed and carried out these regulations.

6. A copy of these regulations shall be obtained from the Inspector and kept on file in every permanent camp and be open to inspection by every workman housed therein.

7. For the due observance, performance and enforcement of these regulations according to their true intent and meaning to ensure that the proper sanitary conditions shall prevail in camps and that the health of workmen housed therein shall be safeguarded and to prevent nuisances arising or communicable diseases being spread in the unorganized districts, the Inspector may make such orders and give such directions as from time to time may appear to him to be necessary, and it shall be the duty of every person forthwith to comply with the terms of any such order or direction to whom it is directed or who is affected thereby after he shall have received written notice thereof, subject only to being relieved therefrom by any subsequent order or direction by the Inspector or by consent of the Department.

8. —(1) The Department may prescribe the form of medical and sanitation contract to be entered into between an employer and a contract physician pursuant to these regulations, and may permit variations from such form in any case where the Department is of opinion that the circumstances so warrant.

(2) Every employer entering into a medical contract or sanitation contract with a contract physician shall transmit by registered post to the Department or the Inspector a certified copy of such contract within thirty days after the same has been executed, and shall whenever any such contract expires or is otherwise determined notify the Department or the Inspector within thirty days after such expiration or determination.

9. Every medical contract and sanitation contract entered into, pursuant to these regulations, shall be subject to the approval of the Department and

shall be amended or determined as the Department may at any time require, subject however that, except as in the next succeeding regulation is provided, the Department shall specify the amendments or determination which it may require within thirty days after the copy of a contract entered into has been transmitted by registered post to the Department or the Inspector.

10. Notwithstanding the provisions of section 9 or of the terms of any medical contract or sanitation contract subsisting between an employer and a contract physician, the Department may, by reason of neglect on the part of the contract physician to observe, perform or carry out the terms of such contract or of these regulations or of *The Public Health Act* and the regulations made thereunder or by reason of the inability of a contract physician to properly observe, perform or carry out his duties under the contract, these regulations or the said Act and regulations thereunder, either from the distance at which he resides or practises from the permanent camp, or from any other cause whatsoever which the Department in its opinion deems sufficient, require the contract to be determined and cancelled as of a date set by the Department, and thereupon the employer affected shall forthwith enter into another contract in accordance with these regulations.

11. Any employer or contract physician who contravenes any of the provisions of these regulations may incur a penalty of not less than \$10 nor more than \$200 for each offence.

12. Any person other than an employer or contract physician who contravenes any of the provisions of these regulations may incur a penalty of not less than \$5 nor more than \$100 for each offence.

13. All regulations made heretofore under the authority of *The Public Health Act* for the sanitary control of lumber, timber, mining, sawmills or other industrial camps in unorganized territory without municipal organization are hereby repealed.

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## PART II

14. —(1) Any person who establishes, re-establishes or re-opens a permanent camp in an unorganized district shall, before commencing operations at such camp, notify the Inspector in writing of the:

- (a) location, nature and accommodation of the camp;
- (b) means of access thereto;
- (c) nature and extent of the operations to be conducted at or from the camp;
- (d) estimated number of workmen and other persons to be housed at the camp;
- (e) name, occupation and address of the person to be in charge of the camp and the scope of his authority;
- (f) medical and sanitation contracts entered or to be entered into in respect of the camp and the workmen to be housed therein;
- (g) hospital facilities available to the workmen housed at the camp;

(2) The provisions of subsection 1 shall apply to any person who establishes, re-establishes or re-opens a camp in which more than twenty persons, exclusive of one foreman and one clerk, are to be usually housed, notwithstanding that such camp in the case of mining operations is to be open or used for less than six months and in other cases for less than four months.

15. Any person in charge of a camp which is subject to the provisions of section 14 shall within thirty days of its establishment, re-establishment, re-opening or closing notify the Inspector in writing of the fact.

16. Any person in charge of a camp which is subject to the provision of section 14 shall, forthwith after the same occurs, notify the Inspector in writing of any material change in any of the particulars furnished under section 14.

17. Every camp shall be located and established with due regard to sanitation and health, and no camp shall be located within 100 feet of any lake, stream or other water except with the written consent of the Inspector.

18. Every camp, and all buildings, tents, structures, and other erections therein shall be located, established, constructed, altered and maintained in accordance with these regulations and every other requirement of the law and to the satisfaction and approval of the Inspector.

19. Every permanent camp shall be located, established, constructed, altered and maintained in accordance with plans and specifications hereinafter set forth, having regard to the classification applicable thereto.

20. The Inspector may require any camp which is not a permanent camp to be located, constructed, altered and maintained as a permanent camp in accordance with these regulations.

21. Manure, garbage and refuse of every camp shall, until disposed of, be kept in a sanitary manner and, as the Inspector may approve, shall be collected and conveyed to a suitable place and there burned, buried or otherwise disposed of to the satisfaction of the Inspector.

22. Stables attached to any camp shall be located in accordance with the Plan "A", "B", "C", or "D", applicable thereto and so as not to cause contamination of any source of water supply; provided that the Inspector may at any time require stables to be located otherwise than as set forth in the said Plan.

23. Permanent camps shall be divided into four classes namely:

Class "A"—for the accommodation of over 50 men and not more than 100;

Class "B"—for the accommodation of over 28 men and not more than 50;

Class "C"—for the accommodation of over 15 men and not more than 28;

Class "D"—for the accommodation of not more than 15 men.

24. The plans for the several classes of permanent camps mentioned in section 23 as appended to these regulations shall form part thereof.

25. The location, establishment, construction, alteration and maintenance of permanent camps shall be in accordance with the plans and specifications applicable thereto by these regulations having regard to the number of men usually housed or accommodated or intended so to be.

26. The housing accommodation to be provided in every permanent camp shall be not less than 400 cubic feet of air space for every workman usually housed therein.

27. The following specifications shall apply in respect of the several classes of permanent camps mentioned in Section 23.

### CLASS "A"

(Figures 1 to 9 inclusive)

(A)

- (i.) *Construction Material*—To be constructed of logs or lumber.
- (ii.) *Roofs and Floors*—To be constructed of light lumber, unless the Inspector specially permits poles to be used.
- (iii.) *Windows*—There shall be ten windows, four of which are to be in each gable and two dormer windows in the roof (See Fig. 5). Each of the windows shall contain at least ten square feet of glass. All roof windows shall be constructed that they may at all times readily be opened or closed.
- (iv.) *Ventilation*—There shall be three ventilators as shown in Figures 2, 3, 4 and 6. These ventilators shall have openings at least twelve inches square and be equipped with shutters which may be readily closed and opened by means of a pull cord. Fresh air inlets of not less than ten inches by six inches in size shall be provided as shown in Fig. 6. Both the inlet and the outlet ends of this fresh air duct are to be protected by a wire screen.
- (v.) *Bunks and Bedding*—To be double-deck bunks of iron or lumber and arranged either
  - (a) According to Fig. 2 in which the bunks run parallel to the walls.  
or
  - (b) According to Fig. 3 in which the bunks shall be constructed in sections of four and placed at right angles to the walls and shall have a passage way of at least eighteen inches between sections. There shall be a partition of at least eighteen inches in height between adjoining bunks in each section. Ticks and mattresses and clean blankets shall be provided to every person housed at a camp upon his entering same.
- (vi.) *White-washing*—The interior of every camp or camp building shall be treated with a coat of lime-wash at the time of re-establishment or re-opening before it is re-occupied.
- (vii.) *Cook's Quarters*—A section of the cookery building shall be partitioned off as quarters for the cook and his staff. Sinks and tables shall be

provided in accordance with Fig. 4. A door shall be hung at the entrance to the cook's quarters.

- (viii.) *Storage*—A room for storing perishable food-stuffs shall be provided and a door shall be hung at its entrance.
- (ix.) *Laundry*—A separate building shall be provided for a laundry as shown in Fig. 7. This building shall be equipped with a boiler and wash tubs. A room attached to the laundry or a separate building shall be provided with a stove and tubs for bath purposes.
- (x.) *Drainage*—Drainage from all sinks, wash basins and tubs shall be conveyed to a covered cesspool located at least 50 feet from the nearest building as per location plan, Fig. 1. For details of cesspool construction, see Fig. 8.
- (xi.) *Closets*—Closets shall be provided according to Fig. 9 and shall conform to this except that either open or closed seats may be used. Accommodation shall be provided for eight men as detailed on plan. Closets shall not be located within 100 feet of the nearest building as shown in Fig. 1. Where camps are operated during the summer the closets must be made flyproof. In mines at depths of over 100 feet or in drifts of over 300 feet in length from the shaft portable privies of a type approved by the Inspector shall be provided.
- (xii.) *Water Supply*—If water supply be obtained from the lake or river the intake shall be located at least 200 feet from the nearest building and in a direction up-stream from the camp.

#### CLASS "B"

(Figures 6 to 13 inclusive)

(B)

- (i.) The specifications applicable to Class "A" permanent camps shall apply with respect to Class "B" permanent camps except as plans of Class "B" camps may in their requirements differ from those of Class "A".

#### CLASS "C"

(Figures 6 to 9, 14 to 17 inclusive)

(C)

- (i.) The specifications applicable to Class "B" permanent camps shall apply with respect to Class "C" permanent camps except as plans of Class "C" camps may in their requirements differ from those of Class "A" and Class "B".

#### CLASS "D"

(Figures 6 to 9, 18 to 20 inclusive)

(D)

- (i.) The specifications applicable to Class "C" permanent camps shall apply with respect to Class "D" permanent camps except as plans of Class "D" camps may in their requirements differ from those of Class "A", "B" and "C".

28. Every employer establishing or operating a permanent camp shall enter into a sanitation contract with a legally qualified physician.

29. It shall be the duty of every physician entering into a sanitation contract to ensure that the permanent camps covered by the contract are, at all times kept and maintained in an efficient sanitary condition and that nuisances are prevented from arising or if they arise are promptly abated, and to carry out, observe and perform the duties of a sanitary inspector of a local board of health under *The Public Health Act* with respect to the prevention and abatement of nuisances.

30. A contract physician entering into a sanitation contract shall by himself or an assistant contract physician make a thorough sanitary and health inspection of every permanent camp in actual operation or use covered by the contract at least once a month, and oftener if required by the Inspector, and shall on the first day of every month transmit to the Inspector a report of inspections made in the preceding month and according to the form provided for such purpose by the Department.

31. The Inspector may by reason of difficulty of access or other sufficient cause waive the necessity for monthly inspections of any camp to the extent he may deem advisable.

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### PART III.

#### HEALTH REGULATIONS

32. Every employer of labour in a camp usually housing twenty men exclusive of one foreman and one clerk in an unorganized district may enter into a medical contract with a contract physician for the medical and surgical care of workmen in his employ, but whether or not any such contract is entered into the duty of providing medical, surgical and hospital care and treatment and maintenance while under such care or treatment, for workmen in the employ of such an employer shall primarily be and remain the responsibility of the employer subject to the limitations hereinafter set out.

33. During the currency of a medical contract into which he has entered, an employer may deduct and retain from the pay or wages due to any workman entitled to the benefits of such contract a sum not exceeding \$1 per month, commencing with his first pay and once a month thereafter during the period of employment, and all sums so deducted and retained shall without abatement or reduction be paid by the employer to the contract physician.

34. It shall be the duty of every contract physician entering into a medical contract with an employer to supply medical and surgical attendance, treatment and medicine to every workman of the employer entitled thereto under the terms of the contract and in accordance with these regulations.

35. Every employer shall with respect to the employees of a permanent camp provide to the satisfaction and approval of the Inspector, isolation hospital accommodation and facilities for cases of communicable diseases and also general hospital accommodation and facilities for cases of sickness or injury.

36. The responsibility and liability of an employer under the provisions of Sections 32 to 35 inclusive shall be subject to the following limitations:

- (a) In cases where the workman has been in his employ for less than three months out of the five months immediately preceding the need for medical, surgical or hospital care arising and the illness and consequent inability to work is the result of a chronic or degenerative disease or of an infection or defect existing prior to the commencement of employment, the employer shall be responsible only to return and pay the cost of return of the workman to the municipality at which he was within the meaning of *The Public Hospitals Act* last resident in Ontario, or in the event of no such residence existing and the workman being without means, the employer shall be responsible for returning and paying the cost of return of the workman to the place from which he was engaged, and provide in the meantime such medical care and treatment and maintenance as the workman may need, and in cases where any such workman has been in his employ for three months out of the five months immediately preceding the need for medical, surgical or hospital care arising, the employer shall be responsible and liable for providing the same and for the maintenance of the workman for a period not exceeding ninety days and no longer.
- (b) In cases where the workman becomes ill and by reason thereof need for medical, surgical or hospital care and treatment arises within ninety days after the workman ceased employment with the employer, and such illness is proved to have originated or been occasioned during the course of such employment, and such workman is an indigent person, the employer shall be responsible and liable for such medical, surgical and hospital care and for the maintenance of the workman within the period of ninety days after such workman ceased employment and not afterwards.
- (c) In any other case in respect of which an employer is responsible and liable for medical, surgical and hospital care and treatment and for the maintenance of the workmen under the provisions of these regulations, such responsibility and liability shall be limited to a period of ninety days and no longer.

37. Any dispute which may arise with respect to the responsibility or liability of an employer for the medical, surgical or hospital care, or for the maintenance of a workman under the provisions of these regulations shall be referred to the Department and its decision therein evidenced by its certificate shall be final and binding on all persons affected thereby and shall not be open to question.

38. Nothing in these regulations contained shall in any way relate to or affect matters of compensation determinable under *The Workmen's Compensation Act* or render an employer or a contract physician responsible or liable for medical, surgical or hospital care and treatment or for maintenance of any workman in cases to which the said Act applies.

39. No employer who has not entered into a medical contract under the authority of these regulations may collect or deduct from the pay or wages of any workman in his employ any sum for medical, surgical or hospital care and treatment of such workman.



40. Nothing in these regulations contained shall in any way render an employer or a contract physician responsible or liable for the medical, surgical or hospital care and treatment or for the maintenance of any workman in cases where his illness arises from acute alcoholism, drug addiction or venereal disease.

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#### PART IV

##### COMMUNICABLE DISEASES AND NUISANCES

41. Every employer establishing or operating a camp and every contract physician of a permanent camp shall, in addition to any other duties or responsibilities cast upon him under these regulations, have, observe and perform the same duties, obligations and responsibilities with respect to communicable diseases and their care, prevention and abatement as lies upon a householder, and attending physician, respectively, under the provisions of *The Public Health Act* and regulations made thereunder.

42. Every employer establishing or operating a camp shall in addition to any other duties or responsibilities cast upon him under these regulations, have, observe and perform the same duties, obligations and responsibilities with respect to nuisances and their prevention and abatement as lies upon the owners or occupants of premises under the provisions of *The Public Health Act* and regulations thereunder.

43. Upon an outbreak or suspected outbreak of any communicable disease occurring in any camp, the employer who established or operates the same shall forthwith notify the contract physician, if any, and the Inspector thereof, and every contract physician who is or is made aware of any such outbreak shall forthwith notify the Inspector thereof.

44. (1) Every workman housed in a camp shall upon the request of an Inspector forthwith furnish to his employer evidence satisfactory to the Inspector that he has been successfully vaccinated or re-vaccinated within a period of seven years immediately preceding such request.

(2) If the Inspector after such request has been made by him is not satisfied that every workman housed in a camp has been so vaccinated or re-vaccinated he may quarantine such camp and every person therein until he is so satisfied, and any person not observing the quarantine placed upon the camp or upon him shall be guilty of a breach of these regulations.

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The work of the Department has progressed in a most satisfactory manner during the past year. Due to the difficult times through which we are passing, necessary economies were introduced but it has been gratifying to observe in this connection that every individual member of the staff has accepted his responsibility in this connection and has endeavored to co-operate with the administration to the full extent of his ability.

Our communicable disease record for the year has been highly satisfactory in that the amount of preventable illness from communicable disease has been definitely reduced as compared with the past records. This reduction has been most spectacular in diphtheria.

An observation which has been made and which has been most gratifying, has been the increased interest taken in local health work by local health officers operating on a part time basis. A keener and much more intelligent interest is now being taken in health work by these men than ever before and will assuredly produce satisfactory results. We have attempted to determine, so far without success, whether this attitude on the part of the local health officers was in any way a reflection of the attitude of the general medical practitioner towards prevention of disease.

The outstanding effort in connection with our public health work was the organization leading up to a Health Unit—the first Health Unit in Ontario—serving the Counties of Stormont, Glengarry, Prescott and Russell.

The story of this development is briefly as follows:

In January, 1933, the Canadian Dental Hygiene Council discussed with the Department of Health a proposition they had in view for initiating an oral health campaign in Ontario, the idea being that the work would be largely of an educational nature, designed to increase the interest of the general public in mouth health.

After considerable discussion at various conferences a meeting was held which was attended by representatives of the several organizations of the dental profession and by the Department of Health. At this meeting the representative of the Department suggested that the proposed dental effort might very profitably be made an important part of a general relief programme in a limited area and that instead of making simply an oral health campaign which would last for a few months, that it be extended to cover a much more prolonged period and to embrace all of the activities which were included in the public health programme. The area suggested was the Counties of Dundas, Stormont, Glengarry, Prescott and Russell.

Following this meeting an official approach was made to various groups likely to be interested in the scheme. The Ontario Dental Association agreed to co-operate and signified their endorsement of the scheme by voting a sum of One Thousand Dollars to be spent for literature of an educational nature dealing with the subject of mouth health. The Royal College of Dental Surgeons endorsed the project and undertook to spend Five Hundred Dollars in carrying on educational clinics for the dentists of the area. The Dental Hygiene Council endorsed the proposition and undertook to allocate the services of their Field Secretary for dental educational work in the area and to assist in stimulating oral health interest amongst the people resident in the area. The Ontario Medical Association endorsed the proposition and agreed to co-operate by using some of their funds now available for the purpose of carrying on educational clinics for the physicians in the area in which the work was to be undertaken.

The money voted by the Ontario Dental Association was expended in the manner indicated and the literature received a widespread distribution, proving of great value in achieving the objective in mind. The services of the Field Secretary of the Canadian Dental Hygiene Council have been very greatly utilized and have proven most important factors in promoting the success of the work. The commitments of the Royal College of Dental Surgeons and of the Ontario Medical Association with respect to educational clinics for the dentists and for the physicians, have not so far been used but will be at a later date if still available. The Department of Health undertook to finance an

active campaign, really a fact-finding survey, in which eight public health nurses and one physician were employed, together with all of the dentists and physicians practising in the area, under the direction of the Director of Dental Services and the Director of the Division of Child Hygiene.

In connection with this demonstration a very limited amount of medical service was instituted, with special reference to nutrition and the control of communicable disease, and a considerable amount of dental work was undertaken, with the idea of demonstrating as a result of actual treatment, the personal advantages to be derived by the individual, young and old, from a healthy mouth. In this work stress was put on dental treatment of children.

Up to the end of 1934 the Department of Health spent on actual dental services rendered by the dentists practising in the area, the sum of \$7,149.79. This amount is exclusive of expenditures connected with the Provincial Unemployment Dental Relief Scheme, which operates throughout the Province. The amount spent in connection with medical services cannot be accurately computed because most of it was spent by the municipalities, but in the aggregate the amount spent on medical service in connection with this health programme has been comparatively small.

Early in 1934 it was found that the area and population included in the five counties were too large to do a satisfactory health job, consequently the County of Dundas was dropped. Since that time we have confined our attention entirely to the Counties of Prescott, Russell, Glengarry and Stormont. The work proceeded steadily and regularly and there was nothing to report from time to time except progress. This condition persisted until about the first of November, 1934, at which time the Department made an appeal to the Rockefeller Foundation with the idea of developing the area being worked, into a Health Unit. The Rockefeller Foundation received our presentation very sympathetically and after due consideration undertook to grant \$33,000. to assist in financing this effort for a five year period.

It was agreed that the full time personnel of the Unit should consist of a Director who would be a physician with special public health qualifications; a Chief Nurse, who had exceptional training and experience; eight Public Health Nurses (two for each County); a Sanitary Engineer; and a Clerk-Statistician.

We have assurance of the fullest co-operation of the practising dentists and physicians in the area. Special attention will be given the dental work by the Director of Dental Services, and the medical work by the Director of Child Hygiene. On a part time basis, local physicians now acting as local medical officers of health, will be retained especially for the control of communicable disease.

The Department is considering, with the Victorian Order of Nurses a co-operative scheme whereby nursing services on a district visiting basis will be made available for people resident in this area requiring this service, and particularly those who are unable to furnish this attention for themselves.

This Health Unit did not commence to function officially until the tenth day of January, 1935. It will be interesting to observe the progress of this Unit and its effect on public health administration in this Province from year to year.

One section of the Province that is causing considerable concern at the moment is the new mining area opening up in Northern and Northwestern Ontario, with which we will almost inevitably have outbreaks of disease, particularly of an enteric nature. Consideration is being given to the provision of necessary measures for health protection in these districts and in the meantime, practically all of the mining companies are co-operating by having their employees protected by anti-typhoid inoculations.

After careful consideration by the new Provincial administration, it was determined that certain services in the Department of Health were no longer necessary for the carrying on of the health work in the Province, accordingly the services of the District Officers of Health were discontinued by Order-in-Council as and from July 18th, 1934 and of the Director of Dental Services as and from July 31st, 1934.

The work formerly done by the District Officers of Health is now being shared by other departmental officers and by the local municipal health authorities, and the duties of the Director of Dental Services are being discharged by Dr. W. G. Thompson, who was appointed on October 30th, 1934, assisted by Dr. J. T. Phair, Director of Child Hygiene.

During the past year we lost by death from the staff of our Department, Miss I. I. Grenville and Miss H. D. Shearer, nurses on the staff of the Division of Child Hygiene, and Mr. W. C. Millar, Chief Provincial Sanitary Inspector. All of these members had been most faithful, painstaking and efficient in the discharge of their duties, and have been very much missed by their colleagues on the staff.

Miss D. Mickleborough, a public health nurse, resigned to accept an important appointment with the Victorian Order of Nurses. Mrs. Agnes Haygarth resigned from the staff of the Department to accept the position of Chief Public Health Nurse for the City of Hamilton. Dr. M. Mackenzie Smith was superannuated on account of ill health. Miss H. Bechard, a very capable bilingual public health nurse, was added to the Public Health Nursing staff of the Department.

A detailed report of the work of the various Divisions of the Department follows:

## DIVISION OF PREVENTABLE DISEASES

A. L. MCKAY, B.A., M.B., D.P.H., Director  
G. C. BRINK, M.B., Physician-in-Charge, Diagnostic Chest Clinic

*Typhoid Fever*

A total of 547 cases of typhoid fever were reported during the year, with 46 deaths. Of the deaths, 12 were reported from cities, 10 from towns and 24 from rural areas. For two months, August and September, the number of reported cases was above the median. Of two outbreaks, one in Norwich, was traced to the use of unpasteurized milk, and another in Woodstock resulted from unsanitary conditions in a gathering held at the fair grounds. A Sunday School Picnic resulted in 13 cases, but no definite source of infection for this outbreak was located.

*Smallpox*

A second low year for the incidence of this disease is reported, only one case being reported in January. Notwithstanding the absence of this disease from the Province, there was an increased distribution of smallpox vaccine by nearly 40 per cent.

*Scarlet Fever*

This disease was more prevalent than had been experienced for several years, a total of 6,057 cases being reported. Each month was above the median, with March, April, May, November and December showing the peak incidence. Scarlet fever antitoxin for treatment and prophylaxis was widely used, and scarlet fever toxin for active immunization to a greater extent than during the previous year.

*Measles*

A remarkably low incidence of measles was reported for the year—2,392 cases. A slight rise occurred in December.

*Whooping Cough*

During March, April, May and June whooping cough was epidemic throughout the Province, practically double the number of cases being reported as the median for the previous six years. Whooping cough, especially in the age group under three years, is an important cause of death. Recent developments in the production of pertussis vaccine gives promise of a more efficient agent for the prophylaxis of this disease.

*Poliomyelitis*

After two years in which the incidence of this disease had dropped considerably another outbreak developed, involving 326 cases. Convalescent serum was supplied, as in the past six years, at a cost for payment of donors of \$6,139.50.

*Cerebro-Spinal Meningitis*

Fewer cases of this disease were reported than in the two previous years. The cases were scattered, both as to time and place of occurrence.

*Undulant Fever*

Although fewer cases were reported than in the previous year, this disease continues to be an important cause of illness and disability. Investigation has shown that the great majority of cases result from the ingestion of raw milk.

*Diphtheria*

The very marked reduction in diphtheria which occurred in 1933 was continued in 1934, with 371 cases and 23 deaths being reported. The median for the previous six years is 2,500 cases. The increasing use of toxoid as an immunizing agent has been a major factor in this very marked reduction. Sufficient toxoid for the immunization of 135,000 was distributed during the year. It should be urged, however, that this work should be maintained each year, especially to include the pre-school age group.

## DISTRIBUTION OF V. D. SUPPLIES

	Ampoules	Grams.
Diarsenol .....	4,027	6,478.0
Novarsan.....	39,078	34,172.2
Bismuth Oxychloride.....	47,105	161,034
Mercury Salicylate .....	10,756	16,248
Sodium Hydroxide Solution .....	2,162 ozs.	
Distilled water .....	55,371 ozs.	

## CLINICS:

Number of clinics—19.

Situated at Toronto (6), Hamilton, Brantford, London, Windsor, Owen Sound, Ottawa, Fort William, Kitchener, St. Catharines, Kingston, Peterboro, Sault Ste. Marie and Sudbury.

1. Number reporting to Clinics .....	9,661
2. Number examined and found positive.....	4,811
3. Number carried over from previous year .....	6,585
4. Number of new cases (never previously treated in clinic).....	3,738
5. Number of cases readmitted .....	1,090
6. Number of cases treated .....	11,396
7. Number of treatments .....	191,123
8. Number of contacts and alleged sources examined .....	1,852
9. Number of visits made by nurses .....	5,219

1. Number reporting to clinics .....	9,661
2. Number of cases treated .....	11,396

	Male	Female
Syphilis .....	3,701	2,608
Gonorrhoea .....	3,285	1,156
Double Inf .....	339	307

New Cases (never previously treated in Clinic).....	3,738
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	Male	Female
Syphilis.....	968	643
Gonorrhoea .....	1,619	508

Number of cases readmitted.....	1,090
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	Male	Female
Syphilis .....	281	159
Gonorrhoea.....	444	111
Double Infection.....	45	50

Number of new cases of Syphilis classified .....	1,611
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	Male	Female
Primary .....	160	42
Secondary.....	124	121
Tertiary.....	684	480

New cases of Gonorrhoea classified.....			2,127
	Male	Female	
1. Under 1 month.....	1,041	146	
2. Under 2 months.....	271	125	
3. Over 2 months.....	307	237	
Number of Treatments.....			191,123
	Male	Female	
Syphilis.....	67,876	40,310	
Gonorrhoea.....	66,710	16,205	
Chancroid.....	22		
Number of Contacts and Sources examined.....			1,852
Positive for Syphilis.....		222	
Positive for Gonorrhoea.....		253	
CHILDREN TREATED:			
Treatments.....			7,342
	Male	Female	
Syphilis.....	2,136	2,673	
Gonorrhoea.....	65	2,468	
Discharged from Clinics.....			4,737
Apparently cured.....			2,066
	Male	Female	
Syphilis.....	288	218	
Gonorrhoea.....	1,102	366	
Double Infection.....	44	48	
Transferred.....			995
	Male	Female	
Syphilis.....	355	196	
Gonorrhoea.....	277	87	
Double Infection.....	48	32	
Without Permission.....			1,674
	Male	Female	
Syphilis.....	558	263	
Gonorrhoea.....	642	116	
Double Infection.....	52	43	
Social Histories taken in Clinic.....			4,031
Cases referred by: doctors 726, self 1374, friends 230, hospitals 779, other clinics 298, social agency 107, Department of Health 276, jails 47, police 21, literature posters 173.			
Number of cases referred to Medical Officers of Health.....			1,079
Source.....		147	
Contact.....		146	
Non-attendance.....		786	
Number of Cases placed under V. D. Act.....			51
Number of Cases prosecuted under V. D. Act.....			14
Analysis by Age Groups.....			3,583
	Male	Female	
Under 16 years.....	49	129	
16-19 years.....	177	165	
20-29 years.....	1,104	482	
30-39 years.....	690	227	
Over 40 years.....	418	142	

Number of Patients treated in Hospitals where Clinics are Situated.....			798
	Male	Female	
Syphilis.....	180	115	
Gonorrhoea.....	262	228	
Double Infection.....	6	7	
Number of days in Hospital.....			10,831
	Male	Female	
Syphilis.....	3,222	1,865	
Gonorrhoea.....	2,385	3,359	
Laboratory Examinations.....			27,399
Syphilis	Positive	Negative	
Blood.....	7,428	8,823	
C. S. F.....	128	184	
Darkfield.....	72	119	
Gonorrhoea	Positive	Negative	
Diagnosis.....	1,894	3,265	
Prognosis.....	861	4,625	
TREATMENTS FOR SYPHILIS:			
Diarsenol.....			10,933
Novarsan.....			28,615
Other Arsenicals.....			1,071
Mercury.....			8,548
Bismuth.....			43,312
Medicines.....			2,922
Other.....			3,766
TREATMENTS FOR GONORRHOEA:			
Irrigations.....			53,710
Douche.....			2,940
Injections.....			8,547
Prostatic Massage.....			12,800
Instrumentation.....			3,983
Deep Instillation.....			1,289
Topical Application.....			12,441
Vaccine.....			1,657
Examinations.....			5,146
Medicines.....			1,059

## THE 1934 ANNUAL REPORT OF THE TRAVELLING DIAGNOSTIC CLINIC FOR DISEASES OF THE LUNGS

In 1934, there were 1,500 more people examined than in 1933.

This increase in the number of patients referred is due to:

- (1) A greater realization that all contacts are potential cases of tuberculosis.
- (2) Notification from the Department to the family physician and Medical Officer of Health, of the names and addresses of contacts, and the need for examination.
- (3) Better record-keeping on the part of some Medical Officers of Health.

The infrequency of visits, and lack of follow-up, lessens the effectiveness



of the Clinic. It has not been found possible because of lack of staff to visit any centre more than once a year. Many centres that should have this service have not yet been visited.

The Medical Officer of Health of each Municipality should keep a record of all the tuberculous cases, together with the names of the contacts within his area of jurisdiction. Without adequate record keeping, no systematic preventive work can be carried out.

In many districts not in close proximity to a sanatorium, a large proportion of active cases of tuberculosis urgently needing sanatorium treatment, are allowed to remain at home in close contact with other members of the family,—the result is shown by the high tuberculosis death rate in these districts.

Table I is a summary of the year's work.

## TUBERCULOSIS—YEAR 1934

Town	No. Exam.	Tbc. not Factor.	Ob-serv. ation	Other Con-di-tions.	Hil-um	Min.	Mod. Adv.	Adv.	Ac-tive.	Quies. to Ar- rested	% Tbc.
Carleton Place.....	52	44	0	0	0	3	4	1	4	4	15.4
Belleville.....	228	178	8	11	2	16	9	4	11	20	13.5
North Bay.....	145	117	3	9	2	9	4	1	4	12	11.0
Sault Ste. Marie.....	175	135	5	10	1	16	4	4	7	18	14.2
Blind River.....	36	30	1	2	1	2	0	0	1	2	8.3
Sudbury.....	297	229	5	23	1	25	8	6	18	22	13.4
Smiths Falls.....	121	89	5	5	4	4	8	6	10	12	18.1
Prescott.....	85	61	1	4	3	7	2	7	8	11	22.3
Arnprior.....	71	40	2	7	3	13	4	2	10	12	31.0
Palmerston.....	77	65	1	2	1	4	2	2	3	6	11.7
Pembroke.....	132	104	1	4	1	11	8	3	9	14	17.4
Hawkesbury.....	195	154	6	11	2	6	10	6	13	11	12.3
Vankleek Hill.....	106	95	0	5	0	3	2	1	2	4	5.6
Little Current.....	45	36	1	1	0	6	0	1	4	3	15.5
Gore Bay.....	47	38	2	1	0	3	3	0	0	0	12.9
Mindemoya.....	39	36	0	1	0	1	1	0	2	0	5.1
Espanola.....	36	27	1	1	0	5	2	0	2	1	19.4
Massey.....	21	18	0	0	0	2	1	0	2	1	14.2
Richards Landing.....	43	34	0	5	0	2	1	1	2	2	9.3
Desbarats.....	29	24	2	0	0	2	0	1	1	2	10.4
Bruce Mines.....	31	24	0	4	0	2	1	0	0	3	10.0
Thessalon.....	32	27	0	1	0	2	0	2	1	3	12.5
Blind River.....	40	37	0	3	0	0	0	0	0	0	0
Fort Frances.....	86	70	1	5	1	4	2	3	6	4	11.6
Rainy River.....	54	40	0	1	0	5	7	1	5	8	24.1
Kenora.....	66	50	1	3	0	4	6	2	6	6	18.2
Sioux Lookout.....	77	55	3	5	1	11	2	0	2	12	18.2
Fort William.....	278	210	6	8	3	26	17	8	14	40	19.4
Port Arthur.....	129	91	1	4	4	15	8	6	10	23	25.6
Pictou.....	94	80	2	2	0	4	6	0	0	10	10.6
Cobourg.....	55	42	0	3	0	5	3	2	3	7	18.0
Owen Sound.....	187	151	1	2	3	16	7	7	5	28	12.3
Oshawa.....	230	173	6	11	11	10	12	7	10	30	10.8
Plantagenet.....	221	170	6	9	2	19	9	6	19	17	16.2
Rockland.....	217	189	1	9	2	8	6	2	9	9	8.3
Iroquois.....	122	101	2	7	1	6	4	1	2	10	9.9
Alexandria.....	314	231	6	17	3	28	19	10	18	42	19.1
Hanover.....	131	103	0	3	5	10	4	6	8	17	19.1
Total.....	4344	3398	80	199	57	315	186	109	231	436	15.4
						667					

Of the 4,344 cases examined, 667 were tuberculous. In 231 of these the disease was active. 216 patients were advised sanatorium treatment. See Table II for classification.

TABLE II

Suspects	Childhood	Minimal	Mod. Adv.	Adv.	Total
2	5	57	78	74	216

The above Table illustrates in some measure that not over 40 per cent. of those diagnosed tuberculous are being advised sanatorium treatment when the disease is in the minimal stage.

Comparatively few of the 216 patients had been under treatment at home or had had treatment in sanatorium.

1,153 of the cases were examined at previous clinics and had been requested to return for re-examination. 300 of these had been diagnosed tuberculous, the others were contacts, suspicious cases or had non-tuberculous conditions.

Table III shows what had occurred to these cases.

TABLE III  
PRESENT DIAGNOSIS—1934

			N.A.F.		Susp.		Hilum		Minimal		Mod. Adv.		Adv.		Pleurisy with Ef- fusion	Bronchi- ectasis
			A	R	A	R	A	R	A	R	A	R				
Diagnosis at Previous Clinics	N.A.F.	740	708	12	5	6	5	1	1							2
	Susp.	103	92	2	4	1	2	1		1						
	Hilum															
	A	8	4		3		1									
	R	16	1		14		1									
	Min.															
	A	48	2	1	3	4	35	1	1	1						
	R	108	13		2	4	86		3							
	Mod. Adv.															
	A	37	1				5	7	19	3	1					1
	R	40					4	3	35	1	4		1			
	Adv.															
A	20							1	1	11	6				1	
R	16							1	2	6	7					
Pleurisy with Effusion		6	4	1					1							
Bronchi- ectasis		2														2

Of the 740 cases previously classified "tuberculosis not a factor" largely referred because of contact, 708 (95.7%) showed no sign of disease; 12 (1.6%) were considered suspicious; 18 (2.4%) had developed disease in the interval.

Of 103 cases previously considered suspicious, 92 (89.3%) still showed no sign of disease while (8.7%) had developed disease in some form.

Of the 24 cases previously diagnosed as hilum or primary infection type of disease in 5 (20.8%) a diagnosis of tuberculosis was no longer warranted. Only

2 cases (8.3%) showed any sign of present parenchymal involvement and that only minimal.

Of the 156 cases previously diagnosed "minimal" 129 (82.7%) had not progressed beyond this stage while in 15 (9%) a diagnosis of tuberculosis was not justified at present.

9 (10.4%) of the 86 moderately advanced cases had progressed to the advanced stage.

During the past year 667 cases of Pulmonary Tuberculosis were examined by the Clinic.

Of these 667 cases 300 had been examined at one or more previous Clinics. So that 367 were examined by our Clinic for the first time and were classified as follows:

TABLE IV.

Childhood	Minimal	Mod. Adv.	Advanced
26	164	109	68

As far as can be determined 227 of the 367 new cases had never been diagnosed as tuberculosis previously and were classified as follows:

TABLE V.

Childhood			Minimal			Moderately Advanced			Advanced		
A.	Q.	Ar.	A.	Q.	Ar.	A.	Q.	Ar.	A.	Q.	Ar.
7	11	7	47	34	35	38	14	3	29	2	0
25			116			55			31		

A.—Active; Q.—Quiescent; Ar.—Arrested.

The number of cases of tuberculosis examined were approximately equally divided as to history of contact, or, no history of contact, viz., 341 and 323, respectively. May one not surmise from this that there are many undiagnosed cases of tuberculosis spreading infection?

It is not to be concluded, however, that family contact is no more important than casual contact; most of the cases of disease discovered, with no history of contact, came for examination because of suspicious symptoms.

No cases of tuberculosis in children under 5 years of age were found without history of contact.

In the age group 15-29, 827 were examined who gave history of contact, of which 124 were tuberculous—15%; 715 were examined who gave no history of contact of which 112 were tuberculous—15.6%. 236 cases of tuberculosis (35.5% of the total number) were found in this age group.

In patients over 30 years of age, 577 were examined who gave history of contact, of which 135 were tuberculous—23.5%; 739 were examined with no history of contact, of which 195 were tuberculous—26.4%.





The following tables show the comparison between the number of deaths due to tuberculosis and other diseases in different age groups in Ontario for 1932.

TABLE SHOWING THE RELATIONSHIP BETWEEN THE NUMBER OF DEATHS DUE TO PREVENTABLE DISEASES AND THOSE DUE TO TUBERCULOSIS (ALL FORMS) BY AGE GROUPS IN ONTARIO, 1932.

AGE GROUPS	Typhoid and paratyphoid Dysentery Undulant Fever.	Measles.	Scarlet Fever.	Pertussis.	Diphtheria.	Erysipelas.	Meningitis.	Poliomyelitis.	Syphilis and Sequela.	Tetanus.	Septicemia (not puerperal) and all other infections, cysts, parasites, etc.	Total.	Tuberculosis
0-4	15	89	16	129	43	17	42	5	23	1	24	404	76
5-9	4	14	9	2	26	3	10	7	3	3	10	88	32
10-14	3	3	6		8		2	4	2	1	6	35	32
15-19	7	3	3		4	2	2	3	3		10	37	*130
20-24	13	2	3		2	1	4	2	6	1	5	39	*190
25-29	7	1		1		2	2		9	1	3	26	*197
30-34	2	1	1		1	2	7		9		2	25	*169
35-39	6	3	1		1	3	1		18	1	8	42	*121
40-44	5	1				1	3	2	21	1	10	44	*126
45-49	6				1	3	3		29		5	47	*92
50-54	3					7			44	3	10	67	*127
55-59	3				2	2	2		29	1	6	45	*85
60 and over	23	1	1		1	38	5	1	100	2	28	200	*227
Total	97	118	40	132	89	81	83	24	293	15	127	1099	1604

\*In every age group (except in early childhood) tuberculosis kills more people than all other communicable diseases.

TABLE SHOWING THE RELATIONSHIP BETWEEN THE NUMBER OF DEATHS DUE TO ALL FORMS OF COMMUNICABLE ILLNESS (INCLUDING THOSE CONSIDERED AS PREVENTABLE) AND DEATHS DUE TO TUBERCULOSIS (ALL FORMS) IN ONTARIO, 1932.

AGE GROUPS	All preventable infectious dis- eases shown in previous table.	Broncho Pneumonia	Lobar Pneumonia	Other Pneumonia	Bronchitis	Influenza (all forms.)	Total	Tuberculosis
0-4	404	433	98	106	25	169	1235	76
5-9	88	20	8	8	3	21	148	32
10-14	35	10	16	3	1	21	86	32
15-19	37	10	17	4		29	97	*130
20-24	39	7	22	2	1	27	98	*190
25-29	26	7	23	8		26	90	*197
30-34	25	9	30	9	1	41	115	*169
35-39	42	13	39	7	1	48	150	121
40-44	44	23	33	6	1	56	163	126
45-49	47	27	39	3	1	60	177	92
50-54	67	27	38	10	3	72	217	127
55-59	45	28	49	19	3	79	223	85
60 and over	200	510	389	276	73	894	2342	227

\*From 15-35 years the toll of tuberculosis is greater than that from communicable diseases, pneumonia (all types), bronchitis and influenza.

TABLE SHOWING THE RELATIONSHIP BETWEEN THE NUMBER OF DEATHS DUE TO HEART DISEASE, MALIGNANCY AND PREGNANCY (INCLUDING ALL COMPLICATIONS) AND THOSE DUE TO TUBERCULOSIS BY AGE GROUPS IN ONTARIO, 1932.

AGE GROUP	Heart Disease (all forms)	Malignancy	Pregnancy and all Complications	Total	Tuberculosis
0-4	9	12	.....	21	76
5-9	14	4	.....	18	32
10-14	26	4	.....	30	32
15-19	43	17	27	87	*130
20-24	51	16	56	123	*190
25-29	57	24	80	161	*197
30-34	84	47	76	207	169
35-39	119	103	67	289	121
40-44	172	170	32	374	126
45-49	280	235	5	520	92
50-54	365	343	.....	708	127
55-59	490	423	.....	913	85
60 and over	4964	2425	.....	7389	227

\*From 15 to 30 years of age, tuberculosis kills more people than heart disease, malignancy and pregnancy.

SUMMARY OF COMMUNICABLE DISEASES REPORTED BY LOCAL BOARDS OF HEALTH, 1934

1934	Smallpox		Scarlet Fever		Diphtheria		Measles		Whooping Cough		Typhoid Fever		Tuberculosis		Polymyelitis		Cerebro Spinal Meningitis		Influenza		Pneumonia		Syphilis		Gonorrhoea		Chancroid		Chickenpox		Erythematitis		German Measles		Mumps		Septic Throat		Undulant Fever			
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths				
January.....	1	0	565	5	29	4	208	0	303	0	28	0	126	34	1	0	0	0	30	7	69	177	199	0	228	0	3	0	1,184	0	437	0	1	12	0	2	0	6	0			
February.....	0	0	539	3	35	1	77	0	393	4	15	0	151	38	1	0	3	0	48	2	59	128	164	0	155	0	0	0	932	0	1	17	0	474	0	0	0	9	0			
March.....	0	0	916	6	45	2	199	0	912	1	19	1	229	57	0	6	1	54	6	90	209	204	2	177	0	0	0	1,083	1	0	1,110	0	1	24	0	1,110	0	6	0	10	0	
April.....	0	0	668	6	25	2	272	0	1,199	6	34	1	195	48	3	0	5	2	58	1	88	187	210	1	175	0	7	1	707	1	2	1	10	0	952	0	5	1	8	0		
May.....	0	0	616	4	26	0	160	0	813	4	22	0	166	49	0	0	0	51	2	37	118	205	1	169	0	1	0	645	0	0	16	0	673	1	5	0	6	1	8	0		
June.....	0	0	475	2	22	1	249	0	987	3	22	2	259	58	4	0	2	15	2	58	149	156	0	201	0	0	0	1,193	0	0	10	0	881	0	14	2	7	0	7	0		
July.....	0	0	197	3	15	1	176	0	520	5	27	0	99	20	5	0	2	7	2	7	63	153	0	143	0	0	0	538	0	0	7	0	141	0	2	2	6	0	2	0		
August.....	0	0	112	1	14	0	61	0	530	4	91	6	217	46	45	3	1	0	2	1	8	56	54	0	56	0	0	177	0	0	7	0	92	0	1	0	9	0	1	0		
September.....	0	0	225	1	19	1	67	0	508	4	133	6	206	48	141	8	3	2	5	1	14	97	231	0	280	0	0	321	0	0	11	0	122	0	7	1	12	1	1	12	1	
October.....	0	0	372	5	47	2	191	0	329	1	61	3	167	39	92	10	4	1	5	1	24	86	151	2	212	0	0	570	0	0	54	0	152	0	8	0	10	0	8	0	10	0
November.....	0	0	587	5	57	1	155	0	448	1	62	1	195	41	25	2	4	1	14	3	23	125	185	0	220	1	1	1,476	0	0	77	0	339	0	26	0	7	0	7	0		
December.....	0	0	785	3	37	1	577	1	682	3	33	2	139	35	9	0	2	51	2	34	144	143	2	189	0	0	2,003	0	0	105	0	547	0	22	0	7	0	7	0			
1934 Total.....	1	0	9,057	42	371	16	2,392	1	7,624	36	547	22	2,149	513	826	23	35	12	343	30	511	1,539	2,055	8	2,205	1	112	1	10,829	2	4	4,350	0	5,920	1	98	6	97	2			
1933 Total.....	15	0	3,753	15	529	26	6,779	24	5,280	31	477	19	2,141	520	53	1	48	32	4,017	141	460	1,528	2,246	9	2,479	0	0	10,415	2	13	9,211	0	5,914	0	138	6	152	0				
1932 Total.....	91	0	3,438	21	1,496	72	32,245	37	5,647	41	451	23	2,330	599	175	12	46	28	3,922	171	363	1,630	2,110	14	2,825	1	8	9,168	0	21	12	342	0	7,451	1	95	13	82	0			



## S T A T E M E N T

BIOLOGICAL PRODUCTS AND INSULIN  
NOVEMBER 1st, 1933 TO OCTOBER 31st, 1934

## SUMMARY 1933-34

<b>DIPHTHERIA:</b>			
Antitoxin	8,377M units at 14c per M units	\$ 1,172 78	
	98,290M units at 12c per M units	11,794 80	
		\$ 12,967 58	
	Less 5% discount on \$3,403.96	170 20	\$ 12,797 38
<b>Schick Test</b>			
	3,704 Outfits at 20c each	\$ 740 80	
<b>Toxoid</b>	13,398 x 1 person at 20c each	2,679 60	
	3,077 x 6 persons at 80c each	2,461 60	
	8,636 x 12 persons at \$1.00 each	8,636 00	
	662 Diluted at 20c each	132 40	
		\$ 14,650 40	
	Less 5% discount on \$3,354.40	167 72	14,482 68
			\$ 27,280 06
<b>TETANUS:</b>			
Antitoxin	65,350,500 units at 30c per M units	\$ 19,605 15	
Intraspinal Outfits	188 units at 45c each	84 60	
		\$ 19,689 75	
	Less 5% discount on \$3,201.00	160 05	
			19,529 70
<b>SCARLET FEVER:</b>			
Antitoxin	9,258 prophylactic at 40c each	\$ 3,703 20	
	10,962 treatments at \$2.25 each	24,662 90	
		\$ 28,366 10	
	Less 5% discount on \$7,882.55	394 13	\$ 27,971 97
<b>Toxin</b>			
	5,461 x 1 person at 30c each	\$ 1,638 30	
	2,770 x 6 persons at \$1.00 each	2,770 00	
<b>Dick Test</b>	4,808 Outfits at 20c each	961 60	
		\$ 5,369 90	
	Less 5% discount on \$1,642.70	82 13	5,287 77

ANTI-MENINGOCOCCUS:			
Serum.....	1,514 x 20cc vials, at \$1.00 each		\$ 1,514 00
Intraspinal Outfits.....	219 at 45c each		98 55
			<u>\$ 1,612 55</u>
	Less 5% discount on \$375.95		18 80
			\$ 1,593 75
SMALLPOX:			
Vaccine.....	4,746 x 2 point pks. at 12c pk		569 52
	113,180 points at 4.5 per point		5,093 09
			<u>\$ 5,662 61</u>
	Less 5% discount on \$905.49		45 27
			5,617 34
RABIES:			
Vaccine.....	40 treatments at \$10.50 each		\$ 420 00
	Less 5% discount on \$21.00		1 05
			<u>\$ 418 95</u>
INSULIN:			
	Total Cost Biological Products.....		\$ 87,699 04
	10,660 x 200 units vials at 60c each		\$ 6,396 00
	30,660 x 200 units vials at 55c each		16,863 00
	<u>41,320</u>		
	17,100 x 400 units vials at \$1.08		\$ 18,468 00
	56,396 x 400 units vials at 95c		53,576 20
	<u>73,496</u>		
	945 x 800 units vials at \$2.10		1,984 50
	2,827 x 800 units vials at \$1.85		5,229 95
	<u>3,772</u>		
	Total Cost Insulin.....		102,517 65
	TOTAL.....		<u>\$ 190,217 19</u>

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued  
NOVEMBER 1st, 1933, TO OCTOBER 31st, 1934

Month	DIPHThERIA ANTITOXIN						DIPHThERIA TOXOID							
	1M and 5M Units	Cost	10M, 20M 40M Units	Cost	Syringes	Cost	One Person	Cost	Six Person	Cost	Twelve Person	Cost	Diluted	Cost
1933														
November	M 718	\$ 100 52	M 6,800	\$ 816 00	205	\$ 41 00	1,295	\$ 259 00	167	\$ 135 20	930	\$ 930 00	41	\$ 8 20
December	671	93 94	9,290	1,114 80	74	14 80	1,005	201 00	162	129 60	497	497 00	30	6 00
1934														
January	785	109 90	9,740	1,168 80	144	28 80	1,234	246 80	165	132 00	599	599 00	123	24 60
February	671	93 94	9,160	1,099 20	71	14 20	787	157 40	185	148 00	483	483 00	38	7 60
March	957	133 98	9,690	1,162 80	125	25 00	1,459	291 80	247	197 60	414	414 00	22	4 40
April	458	64 12	6,730	807 60	129	25 80	1,078	215 60	595	476 00	889	889 00	24	4 80
May	364	50 96	7,430	891 60	149	29 80	973	194 60	219	175 20	593	593 00	68	13 60
June	854	119 56	5,740	688 80	211	42 20	1,258	251 60	115	92 00	442	442 00	52	10 40
July	323	45 22	7,780	933 60	.....	.....	498	99 60	85	68 00	184	184 00	41	8 20
August	601	84 14	6,890	826 80	135	27 00	946	189 20	186	148 80	449	449 00	33	6 60
September	819	114 66	8,550	1,026 00	44	8 80	1,384	276 80	439	351 20	1,349	1,349 00	75	15 00
October	1,156	161 84	10,490	1,258 80	134	26 80	1,481	296 20	510	408 00	1,807	1,807 00	115	23 00
	8,377	1,172 78	98,290	11,794 80	1,421	284 20	13,398	2,679 60	3,077	2,461 60	8,636	8,636 00	662	132 40

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued  
 NOVEMBER 1st, 1933, TO OCTOBER 31st, 1934

MONTH	SCHICK TEST			TETANUS ANTITOXIN			
	Outfits	Cost	Units	Syringes	Cost	Outfits	Cost
1933							
November.....	217	\$ 43 40	3,008,500	189	\$ 37 80	7	\$ 3 15
December.....	205	41 00	3,466,000	262	52 40	9	4 05
1934							
January.....	508	101 60	4,143,000	110	22 00	19	8 55
February.....	399	79 80	2,914,500	153	30 60	1	45
March.....	290	58 00	3,555,000	191	38 20	3	1 35
April.....	295	59 00	2,809,500	106	21 20	7	3 15
May.....	160	32 00	6,304,500	149	29 80	15	6 75
June.....	293	58 60	7,019,500	307	61 40	3	1 35
July.....	244	48 80	7,710,000	217	43 40	15	6 75
August.....	308	61 60	7,857,500	422	84 40	35	15 75
September.....	417	83 40	8,899,000	274	54 80	56	25 20
October.....	368	73 60	7,663,500	235	47 00	18	8 10
Total.....	3,704	740 80	65,350,500	2,615	523 00	188	84 60

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued  
NOVEMBER 1st, 1933, TO OCTOBER 31st, 1934

MONTH	SCARLET FEVER ANTITOXIN				DICK TEST		SCARLET FEVER TOXIN				
	Prophy-lactic	Cost	Treat-ments	Cost	Syringes	Dick Test	Cost	One Person	Cost	Six Persons	Cost
1933											
November.....	761	\$ C 304 40	988	\$ C 2,221 40	150	509	\$ C 101 80	485	\$ C 145 50	281	\$ C 281 00
December.....	1,025	410 00	981	2,207 25	162	430	86 00	388	116 40	318	318 00
1934											
January.....	1,021	408 40	1,036	2,331 00	275	467	93 40	642	192 60	308	308 00
February.....	918	367 20	1,301	2,927 25	275	528	105 60	721	216 30	205	205 00
March.....	999	399 60	1,038	2,335 50	250	430	86 00	318	95 40	213	213 00
April.....	748	299 20	1,044	2,349 00	110	455	91 00	564	169 20	237	237 00
May.....	819	327 60	923	2,076 75	79	391	78 20	451	135 30	136	136 00
June.....	730	292 00	951	2,139 75	255	300	60 00	212	63 60	106	106 00
July.....	610	244 00	671	1,509 75	57	258	51 60	346	103 80	216	216 00
August.....	322	128 80	427	960 75	12	274	54 80	273	81 90	133	133 00
September.....	579	231 60	778	1,750 50	28	359	71 80	533	159 90	283	283 00
October.....	726	290 40	824	1,854 00	100	407	81 40	528	158 40	334	334 00
Totals.....	9,258	3,703 20	10,962	24,662 90	1,753	4,808	961 60	5,461	1,638 30	2,770	2,770 00

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued  
NOVEMBER 1st, 1933, TO OCTOBER 31st, 1934

MONTH	ANTI-MENINGOCOCCUS SERUM			SMALLPOX VACCINE			RABIES VACCINE		
	20cc. Vials	Cost \$ C	Outfits	Cost \$ C	2 Point Packages	Cost \$ C	5 and 10 Point Packages	Cost \$ C	Treatments
1933									
November	132	132 00	23	10 35	359	43 08	6,155	276 97	2
December	83	83 00	1	45	254	30 48	4,375	196 87	.....
1934									
January	138	138 00	27	12 15	346	41 52	7,035	316 57	.....
February	106	106 00	34	15 30	338	40 56	6,445	290 02	5
March	221	221 00	10	4 50	302	36 24	13,250	596 25	3
April	164	164 00	24	10 80	457	54 84	12,505	562 72	1
May	70	70 00	13	5 85	252	30 24	9,915	446 18	7
June	75	75 00	6	2 70	455	54 60	9,265	416 93	4
July	45	45 00	5	2 25	474	56 88	5,625	253 13	.....
August	180	180 00	23	10 35	474	56 88	6,820	306 90	11
September	163	163 00	27	12 15	533	63 96	13,560	610 20	2
October	137	137 00	26	11 70	502	60 24	18,230	820 35	5
Totals	1,514	1,514 00	219	98 55	4,746	569 52	113,180	5,093 09	40

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued  
 NOVEMBER 1st, 1933, TO OCTOBER 31st, 1934

MONTH	INSULIN				Cost
	200 Units	400 Units	800 Units	Cost	
1933					
November	3,405	5,015	155	\$ 7,817 10	
December	3,305	6,615	475	10,124 70	
1934					
January	3,950	5,440	315	8,906 70	
February	3,805	5,540	59	7,464 90	
March	3,415	5,116	274	7,273 85	
April	3,250	5,865	226	7,777 35	
May	3,735	6,180	301	8,482 10	
June	4,560	7,320	345	10,100 25	
July	3,585	6,040	442	8,527 45	
August	2,305	6,790	80	7,866 25	
September	3,100	6,700	645	9,263 25	
October	2,905	6,815	455	8,913 75	
Totals	41,320	73,496	3,772	102,517 65	

SUMMARY	
Biological Products	\$ 89,896 69
Less 5% disc. on \$21,101.15	1,055 06
Syringe Containers	\$ 88,841 63
Less 5% .....	15 71
Net Cost .....	\$ 87,699 54
Insulin .....	102,517 65
Total Cost .....	\$ 190,217 19

## INDUSTRIAL HYGIENE DIVISION

J. G. CUNNINGHAM, B.A., M.B., D.P.H., Director

A recent report of a study by the United States Public Health Service and the Division of Research Millbank Memorial Fund draws attention to a sixty per cent. increase in disabling sickness in a group which had fallen in the economic scale from 1929 to 1932 over a group which remained in the same original state. Return to work after a period of unemployment is associated with an increased accident experience which has been attributed to lack of facility in work, produced by idleness. Existing forms of health supervision in industry, often incomplete but maintained in spite of drastic reductions in output, have, therefore, an increased opportunity to justify themselves.

That many industrial nurses realize this has been shown by the response to a Refresher Course held in October by the School of Nursing under University of Toronto Extension when twenty-six nurses from industries in various parts of the Province attended.

The need for closer supervision of the general health of particular groups was emphasized by the experience of two rubber shoe manufacturing plants, where the number of cases of active pulmonary tuberculosis removed to sanatorium or home for treatment over a period of months, was sufficient to cause some alarm. It has been difficult to ascribe even most of these cases to a particular source. In this connection Collis' observation of a high mortality from pulmonary tuberculosis in tailors, shoemakers and printers, where overcrowding occurs, compared with that in hosiery workers may be recalled. Operations involving close proximity to one another of young females should be further investigated with reference to the spread of tuberculosis. Medical supervision has been instituted by the management of both of these plants.

In the attempt to deal more adequately with silicosis and tuberculosis in the foundry trade, a meeting of foundry operators of the Province was called by the Department to discuss measures for dust control. A representative group was present taking an active interest in the suggestions made and the practicability of their application. A report of the meeting has been prepared and distributed by the Division for the guidance of foundry men. Some progress has been made in improving conditions, and interest in the importance of the problem of silicosis has been stimulated.

Some tests of equipment for removal of dust at the hand pneumatic tool in granite cutting are not completed. Dust counting, a time-consuming procedure, has been limited to enquiries of a special nature or with a wide application, particularly for information as to the change effected by improvement in dust control equipment. An attempt is being made to devise a more convenient method of dust determination for field purposes. Investigation of dust concentration has been made as follows:

- (1) Recirculation of air from dusty processes to the workroom after passing through cloth screen dust arresters is considered to be an undesirable practice because of the uncertainty of maintenance of equipment, if for no other reason.



- (2) The time to reduce the dust content of air in the sandblast cabinet after blasting has ceased is short where modern equipment is installed and maintained.
- (3) The silica hazard in vitreous enamel spraying of small products can be controlled with exhaust equipment.
- (4) Some observations were made in foundries, porcelain, radio, asphalt and artificial abrasive plants.

Expression has been given by employers to the need for facilities to determine the adequacy of dust control equipment, especially masks and helmets offered for sale. The United States Bureau of Mines has set up specifications and a testing laboratory for certification of filter masks. Dr. F. M. R. Bulmer of this Division indicates the principles which should be incorporated in the manufacture of a positive air pressure helmet. "It should provide and maintain:

- (1) A *clean* supply of air for respiratory purposes.
- (2) Protection for the worker from the abrasive action of the dust.

A helmet may be satisfactory from the standpoint of the second but not of the first requirement. Its protective value from abrasive can readily be ascertained by the wearer, while the first requirement cannot be determined by him. Most helmets made today do protect against abrasive but few, if any, are satisfactory from a health standpoint. Sufficient clean air must be supplied for respiratory purposes and the air supplied must at all times be great enough in volume to keep a higher pressure within the helmet than in the surrounding contaminated air. In this way, the sandblaster's helmet is operated on the same principles as a diver's helmet, differing only in the fact that in one case water is kept out and in the other, air. If enough air is supplied to create a positive pressure within the helmet, sufficient air for respiratory purposes will be supplied in present types of helmets. But such is not necessarily the case with compressed air masks when the air space is small. Here the negative pressure created by inspiration may offset the positive pressure created by air delivered to the mask.

Some means should be developed for informing the wearer that a positive pressure is being maintained. No known helmet does this at present. In many helmets, the air inlet is so restricted that extremely high pressure on the air line would be necessary to supply even respiratory needs, without regard to maintenance of a positive pressure. Other helmets have openings so big that it would be impossible to maintain a positive pressure on ordinary air lines. An example of this type is a helmet equipped with gauze only, instead of glass in the eye piece. Further development should proceed along the lines of sanitation, comfort and utility. This involves the development of a helmet that can be readily cleaned, or sterilized if necessary, is easy to put on and take off, and is reasonably comfortable to wear."

The chemical and petrographic investigations of pathological material from silicotics are proceeding in co-operation with Dr. E. Poitevin of the Federal Department of Mines.

There were 142 examinations of claimants for Workmen's Compensation

for silicosis, with histories of exposure to silica dust in mining, granite cutting, moulding and sandblasting.

Determination for lead failed to show its presence in the air breathed by women workers engaged in fine soldering operations with electric control of small lead pots. Physical examinations made earlier did not show the effects of lead absorption. However, lead is a race poison, so the inhalation of the fumes or dust by women should be avoided.

Cases of poisoning from this substance developed in two plants spraying vitreous enamel with booth equipment in use. Medical supervision has been instituted.

A new process where lead, cadmium or zinc are volatilized for application to metal surfaces, often enclosed, has come into use. Special precautions are necessary.

The extension of medical supervision in dangerous trades under the regulations indicates that without it cases of occupational diseases are not recognized, or, at least, do not usually come to the attention of the industry concerned.

Enquiry following the recognition of cases of lead poisoning in young children at hospitals for sick children here and elsewhere, has determined that suitable substitutes for lead compounds used especially in green and yellow paints for toys and cribs are available at very small increased cost per unit of output. Whether the dose of lead required to produce poisoning from biting paint off such articles is small enough to warrant the elimination of lead as a drier or for tinting in paints is questionable. Probably greater importance should be attached to care in avoiding the use of lead paints for repainting such articles at home. There has been a sufficient number of serious cases of poisoning from such sources to claim the attention of parents, paint manufacturers and distributors and makers of children's toys and furniture.

Benzol used in rubber cement for crepe rubber shoes was responsible for the deaths of two female wage-earners. There has been some substitution of benzol for solvent purposes, but with the aid of labelling legislation knowledge of where it is used has increased considerably. Periodic examination is now required in a number of processes using it. Manufacturers and distributors of benzol-containing materials have co-operated in labelling their products to such an extent that analysis of grab samples has not shown its use without labelling.

Trichlorethylene exposure of eight workmen in dry cleaning, using closed and semi-closed machines, failed to show evidence of poisoning. Degreasing equipment for using trichlorethylene has been remodelled by the distributors, with definite improvement in the concentration of this substance in the air breathed.

Manufacture of volatile chlorinated liquid hydrocarbons have agreed with the United States Public Health Service to label certain of their containers holding these substances to show that a volatile solvent is present and that prolonged breathing of the vapor should be avoided, using adequate ventilation. One large distributor of these materials in Canada has on his own initiative instituted this practice here.

The number of physical examinations from varied sources and clinical and chemical laboratory determinations to assist in diagnosis or in verifying exposure necessary for the control of occupational disease has materially increased. The reporting of occupational diseases by physicians as provided in section 57 of *The Factory, Shop and Office Building Act* is not satisfactory.

An increased number of visits to factories to evaluate occupational hazards has been necessary to meet requests from the Factory Inspection Branch, the Workmen's Compensation Board, the Accident Prevention Associations, physicians and employers or employees individually or in groups.

Investigation of the engineering aspects of dust and fume control is lacking in continuity since the services of the physicist are shared with the Cancer Commission.

The present position respecting the use of cyanide compounds for disinfection is being reviewed.

Papers and addresses for technical and non-technical groups have been prepared to supplement requests for literature and other assistance in matters affecting the health of industrial workers.

Sanitary inspectors responsible for observance of the regulations of the Department respecting camps in territory without municipal organization have suffered the loss of their Chief Inspector, Mr. W. C. Millar, who worked effectively for many years under the handicap of war disability. His death has removed a valued associate.

The numbers employed in camps have again increased considerably in woods operations but especially in mining. They represent small groups widely scattered requiring special care in sanitation to avoid major outbreaks of disease.

Lumber camps, summer resorts, schools, boarding houses, hospitals, tourists' camps, boys' camps, road camps, air ports, indeed all aggregations of people call for the attention of the sanitary inspectors, necessitating extensive travel and numerous visits.

One large pulp and paper company has tried out the operation of year-around camps with some success—important in employment and in retaining men familiar with their work, but requiring added vigilance in sanitation in summer to avoid fly-borne and water-borne disease.

An additional hazard arises from the development of townsites unrestricted as far as health is concerned. The Little Long Lac area calls for special supervision on account of low-lying land and the present rapid development there.

Communicable diseases have been reported by the inspectors as follows:

Chickenpox.....	60 cases
Diphtheria.....	6 "
Dysentery.....	186 "
Measles.....	132 "
Mumps.....	1 "
Scarlet Fever.....	12 "
Septic Throat.....	4 "
Smallpox.....	1 "
Tuberculosis.....	10 "
Typhoid Fever.....	7 "
Undulant Fever.....	1 "
Whooping Cough.....	9 "
Total.....	<u>429 cases</u>

Most of the cases of "dysentery" have appeared in summer in areas where development is recent and rapid. The housing and food in these camps can be excluded as the cause but sufficient care is not exercised in selecting and maintaining sources of water supply.

There has been a large increase in the number of inoculations by contract physicians for protection against typhoid fever, to supplement efforts directed to sanitary control.

The Canadian Public Health Association with the Canadian Sanitary Inspectors Association has developed procedure for a qualifying examination for sanitary inspectors in Canada. An inspector of this Department represented his Association on the Committee.

THE DIVISION OF MATERNAL AND CHILD HYGIENE  
AND PUBLIC HEALTH NURSING

JOHN T. PHAIR, M.B., D.P.H., Director

The modification in 1933 of previously existing regulations made possible the securing of supplementary information relative to the deaths associated with maternity occurring in public hospitals. In addition to the data secured from the hospital authorities, the physicians of the province were asked to augment the information contained on the death certificate in all puerperal deaths occurring at home. It was not possible to seriously review the data for the year 1933 until early in 1934. While no conclusions could be drawn from the study of such a limited number of cases, the following observations may be considered as pertinent.

“There has been no significant reduction in mortality from puerperal causes during the last twenty-five years.

Mortality due to pregnancy and childbirth is second only to tuberculosis in women of childbearing age. Among women 20-39 years of age, 17.7 per cent. of all deaths during the five years 1927-1931 were puerperal in character.

During 1933 there were 334 true puerperal deaths in Ontario and 77 others in which pregnancy was an associated cause. The puerperal death rate for the year was 5.3 per 1,000 live births.

The per cent. distribution of the deaths by cause was as follows: puerperal septicaemia 23, puerperal toxæmia 20, abortion 18, hemorrhage 13, embolism and sudden death 12, and other puerperal causes 14 per cent.

Eight per cent. of the deaths were in single women, 70 per cent. of which were due to puerperal sepsis or abortion.

In only 47 per cent. of the maternal deaths was the outcome of pregnancy a live birth, while in 21 per cent. there was a stillbirth and in 32 per cent. death occurred either before delivery or before the age of viability.

The estimated specific puerperal mortality among “urban” women was 5.7 per 1,000 live births and 4.7 among women in rural areas. Practically all the difference was found in excess in mortality from puerperal sepsis and abortion in the urban group.

By type of delivery, the estimated specific mortality was 8.2 per 1,000 live births in the “operative” group and 2.3 in the spontaneous group.

The specific puerperal mortality rates for hospital (only those delivered in hospital and dying there) and domiciliary cases were 5.3 and 2.3 per 1,000 live births respectively. On the same basis, the death rates from puerperal sepsis were 1.7 and 0.7 per 1,000 live births respectively.

In 18 per cent. of delivered cases a Caesarean Section was performed.

The incidence of Caesarean Section among fatal delivered cases was found to be more than twice as high among urban than among rural mothers.

Forty-one per cent. of the cases for which questionnaires were returned (excluding abortions and ectopic pregnancies) had what was considered adequate prenatal care. Thirty-three per cent. received no prenatal care. Forty-four per cent. of the rural cases and twenty-four per cent. of the urban group had no prenatal care.

In 8 of the 59 cases of puerperal eclampsia reviewed, a physician was called only when the patient was in convulsions. Of the cases delivered, almost a third were delivered by Caesarean section."

It is hoped to continue this study for a period of years. Statutory provision is now made for the obligatory submission by all physicians, hospital authorities and others of a statement on the form approved for the purpose, in all cases of deaths associated directly or indirectly with the pregnant state.

The persistent decline in infant deaths is a source of real satisfaction to all those concerned in this field of public health effort and it is anticipated that the mortality rate in this age group will again be lower than any previously recorded when the statistical returns for 1934 are made available. It is of interest to note that there is a small but nevertheless appreciable decline in deaths from prematurity and birth injuries. This is reflected in the lessened number of deaths under three months of age. An effort to establish an intimate relationship between the material drop in infant deaths and the falling birth rate is in the main unsuccessful; such relationship being largely confined to the increased chance of ultimate survival conferred on the child borne by the mother who has not been confronted with too frequent conception. Increased knowledge of the factors affecting child health, both favourably and adversely, and a wider appreciation by the public of their significance are still the most important adjuncts to a well-considered child hygiene programme.

Despite the best efforts of the proponents of a constructive health programme adapted to the needs of the pre-school age child, but little in the way of progress can be reported. There is, however, a growing realization among those most concerned that many of the ills of later life are the result of neglect during the age period 1-6.

The supervisory and consultative service extended to the centres carrying on a programme of school health supervision is still the most time-consuming of the Division's activities. Each of the one hundred and five centres is annually visited and whatever the staff may have to give in the way of constructive criticism is offered. Despite the fact that a large number of municipalities continue to find themselves hard pressed to make ends meet, there has been no evident serious curtailments of this service.

The Division representatives on the Joint Committee on Health Teaching have continued their efforts during the year. The proposed handbook for teachers was printed and distributed in tentative form to a number of well chosen teachers and the inspectorial staff of the Department of Education

for their criticism. The Director of the Division was again privileged to act as Principal of the Summer Course on Health Teaching. During the year many of those who attended the 1933 Course were visited and their attempts

at the application of the procedures suggested reviewed with what is hoped will be profit to the Committee.

Toward the close of the year, the Division further collaborated with the Department of Education in the physical examination of all students in attendance at one of the teacher training schools for the purpose of attempting to establish the physical status of such students. This study will be concluded in the coming year and much that is of interest should be brought out.

The continuous employment of some nine members of the Division<sup>1</sup> staff in the study of health conditions in Eastern Ontario has limited our interest in certain other fields of effort. The study findings have, however, more than justified the time and effort expended.

In July, the Division assumed the official responsibility formerly carried by the Division of Oral Hygiene. The appointment, in December, of Dr. W. G. Thompson as part-time Director, has, however, lessened the Division's responsibilities in this field.

It is with regret that we are compelled to report that physical disability compelled the resignation of Dr. Mary McKenzie Smith from the staff of the Division. Dr. Smith pioneered in the field of school hygiene under the auspices of the Women's Institutes Branch of the Department of Agriculture and the School Health Division of the Department of Education before joining this Department, some ten years ago. Her enthusiasm on behalf of the physically handicapped school age child was constantly manifested and she retires with the satisfaction of a good job well done.

The untimely deaths of two members of the nursing division, namely, Miss I. I. Grenville and Miss H. D. Shearer, is recorded with deep regret. Both of these women gave unstintingly of themselves in this service and will be missed by both their associates and those whom they served.

A résumé of the report of the Chief Public Health Nurse follows:

REPORT OF NURSING ACTIVITIES  
DIVISION OF MATERNAL AND CHILD HYGIENE  
AND PUBLIC HEALTH NURSING  
MISS EDNA L. MOORE, REG. N., Chief Public Health Nurse

At the beginning of the year the public health nursing staff numbered seventeen; twelve engaged in general field service; three giving full time to the supervision of the public health nursing programmes carried on in the various urban municipalities throughout the Province; one attached to the Division of Health Education and the Chief Public Health Nurse.

As previously noted a valued member of the staff whose services extended from the inception of the work in 1920 died in August. An experienced member of the supervisory group resigned in September to accept a similar position with the Victorian Order of Nurses. This vacancy was filled by a transfer from the field staff. A French speaking public health nurse was appointed in November to replace the nurse who was transferred to the supervisory group.

Work in the Eastern Counties has been continued throughout the year by nine members of the staff. Such special activities as toxoid campaigns, dental hygiene promotion, tuberculosis and crippled children's work have occupied the greater part of the nurses' time. Almost all the schools in the district have received one visit. On these occasions each child received a physical inspection by the nurse. Many homes have been visited to discuss with the parents conditions noted during the inspection that might affect their children's health.

A general service has been maintained by one nurse in the Temiskaming District. Assistance with a special dental service was extended to Manitoulin Island for a few months. For several weeks assistance was given in a toxoiding campaign carried on by Medical Officers of Health in part of Cochrane district.

Our supervising nurses have visited the official public health nursing services throughout the province at least once during the year. While it is desirable that more frequent visits should be made it is not possible with so limited a staff and such a wide spread area. Between the yearly visits systematic contact is made with each centre through correspondence.

When nurses change or new appointments are made in local centres the supervisor for the district spends considerable time in introducing the newcomer to her work. This is an important activity and if thoroughly done is time saving in the long run.

An effort is being made to interest the centres where school health services are conducted in certain suggested modifications in the previously accepted type of programme with considerable success.

During the year two Refresher Courses given by the University of Toronto School of Nursing were well attended by public health nurses from many centres. Our staff gave assistance in preparing and carrying out the programmes.

In connection with the course on Mental Hygiene the report written for our News Exchange was requested by so many public health nurses that a second supply was mimeographed and distributed.

One staff meeting was held at headquarters in December.

A regional conference was planned and conducted with the public health nurses at the head of the lakes by the supervisor for that district at the time of her annual visit.

Field experience of one month was arranged through the co-operation of local Boards of Health for fourteen graduate students of Public Health Nursing at the University of Toronto.

Numerous requests were received from communities for a speaker on public health nursing; these were responded to by staff members.

Assistance was given to several municipalities where vacancies occurred in securing qualified public health nurses. All requests for suitable relief in cases of emergency have been filled.



## DIVISION OF SANITARY ENGINEERING

A. E. BERRY, M.A.Sc., C.E. Ph.D., Director

The work of the Division of Sanitary Engineering during the year 1934 included a variety of activities, including supervision of Public Water Supplies and Sewerage Systems; examinations of plans and specifications for new works; investigation of complaints of sanitary matters; supervision of recreational facilities, examination of milk supplies, and stream control investigations.

In the waterworks field once more there has been a decided curtailment in construction, with the total estimated expenditure for the works approved by the department, totalling somewhat over \$800,000. This is considerably less than in former years, and is due to the absence of any major expenditures for new works or large extensions to existing systems.

While expenditures have not been extensive, a number of important changes have been made in treatment works, and researches have been carried on in the methods of treatment and disinfection. The City of Toronto has been engaged during the year on the construction of a duplicate water filtration plant. At Burlington a programme has been under way for the construction of new supply works. This includes the re-location of the intake at a point considerably east of the town, and the construction of a modern filtration plant at this point. This work should be completed and the system in operation early in the summer of 1935. Other changes have been made at Port Hope, where a new intake has been completed; at Collingwood where a new intake and pump well have been built; and at Cobourg where additional filtering capacity and an elevated tank has been installed. New reservoirs have also been built at Barrie, Chatham, Oakville and Stayner, while at London plans are being prepared for the construction of a large concrete reservoir in connection with the underground water supply.

In the field of water supply some difficulty has been experienced in the smaller municipalities. Underground supplies have not always proven adequate and further exploratory work has been carried on. At Milton, the supply is to be increased and a pipe line is to be built to a shallow well. The town of Trenton has been successful in obtaining water from underground sources at a point some distance outside the municipality. At Sault Ste. Marie tests are being conducted on a flowing well to discover its capacity when pumped. It would appear to be one of the highest capacity wells in the Province, possibly reaching a figure of 2,500 to 3,000 gallons per minute. Additional wells are being sought or have been built at Newmarket, Simcoe, Kitchener, Fergus, Hespeler and Aurora. At Paris an effort is also being made to augment the present spring supply by means of wells. As yet no conclusive results have been secured. The underground supply at Lindsay has not maintained its original capacity and further drilling operations are under way.

Water chlorination continues to be a most useful procedure in the protection of public health. Over 80% of the water supply consumed from public systems in the Province is now chlorinated. The number of chlorination plants has now reached a total of 186. The continuous and efficient operation

of these machines is most important if the safety of the supply is to be assured. The department engineers have continued to make inspections of these plants, and to give assistance to the operators in the performance of their duties. The department has supplied ortho-tolidin testing equipment as an aid in the proper application of the chlorine to the water.

Taste control work has been effectively practised during the year. While the number of supplies in the Province requiring special treatment for the control of taste is not great there is a persistent demand on the part of the public for not only a safe water, but one which will be palatable and satisfactory in all other respects. Activated carbon is being used in a number of the plants while other methods made use of include aeration, ammoniation, super-chlorination, and control of pollution. The freedom of the public water supplies of the Province from infection responsible for typhoid fever has again been demonstrated. No municipal system has been the distributor of a typhoid outbreak for a number of years. The death rate from this disease has continued to decline and for 1934 the rate per 100,000 population was 1.2, the lowest on record in the Province for any year.

### *Sewerage*

In sewerage construction there has been a decrease corresponding to that in the waterworks field. The estimated expenditure for works approved by the department during the year amounted to slightly more than \$1,600,000. This decreased figure again may be attributed to the lack of any major expenditure, either in sewer extensions or disposal works. There are in the Province of Ontario at present 67 sewage disposal plants. The operation of these is of growing importance. Unless works are effectively operated there is a loss on the expenditure made. It has been found necessary, in order to ensure that plants are operated in such a way that a nuisance is not created in the streams, to make periodic inspections and to assist the operators in their work. Most of the plants, especially the smaller ones, do not have technically trained personnel. This makes the operation more critical, and during the summer months it is quite often difficult to protect the stream and avoid creating offence, which would give rise to a public health menace. Extension and enlargement of plants are necessary from time to time. During the past year an extension has been made to the North Toronto works, and also to the disposal plant at Guelph. The latter was built in 1922, and had become so overloaded as to create an objectionable condition in the stream during the summer. New aeration tanks and clarifiers were constructed, and the old plant was remodelled in such a way as to make use of all existing structures in the final design. A further addition was made at the west end plant at London. At Kitchener the Spring Street plant, with additional capacity, has shown a decided improvement in the treatment of the sewage. During the year the situation at Toronto has been under consideration, and studies are being made by the municipality with reference to changes in the disposal of the sewage for the main part of the city.

The construction of new sewerage systems in urban centres has been delayed greatly by financial conditions. There are a number of municipalities much in need of these services, and it is extremely difficult to maintain proper sanitary conditions without a public sewerage system.

The need for periodic supervision of sewage disposal plants, and the investigation of stream conditions becomes more apparent each year. A number of conditions developed in 1934 which made protection of the streams a

difficult problem. During the warm weather and low flows, any interruption in effective treatment of sewage or the discharge of abnormal quantities of trade wastes created an objectionable condition in these waters. During the past summer, intensive studies were made as a result of complaints at London, Kitchener, and some other points. These were brought about by trade wastes being discharged without proper treatment and by insufficient treatment of domestic sewage. To prevent this it would appear essential to carry on investigations on different streams in order to determine the existing load and the amount of waste which it is possible for each to carry. Along with this it is also desirable to retain close check on all sewage disposal plants, and thus forestall deficient treatment at all times.

### *Complaints*

The Division has again been called upon to investigate numerous complaints in the different municipalities. Most of these are at the request of the Health Officer or some private citizen, affected by a condition. Problems to be investigated include; the treatment of industrial wastes; drainage; odors and related matters.

### *Recreational Sanitation*

Recreational Sanitation continues to be an important matter in the Province. With the many recreational centers offered for the tourist and the vacationist, the involved public health problem is acute each year. The work in 1934 had to be necessarily curtailed. An effort was made to examine all the larger places on the main highways, and in the lakeland regions. The policy of approving the better tourist camps and refreshment booths has continued. Those meeting the department's standards have been given certificates and banners. This work has now continued for some years, and there has been a gradual and definite improvement in sanitary conditions. The number of approvals issued in 1934 for Motor Tourist Camps total 215, out of a total of 698 inspected. This represents 30.8% of the total number. 348 refreshment booths were also approved out of a total of 1,680, representing 20.7%. Some further control over those which are not approved seems necessary if complaints are to be avoided and the tourist properly protected.

### *Milk Control*

The demand for investigation of milk processing plants continues to grow. Requests are continually reaching the department from Health Officers and Municipalities asking for assistance in checking the operation of different plants. The need for this has been shown by the inferior results obtained in many plants, and the desire to protect the consuming public against the danger of improperly supervised milk. Best results can only be expected when the equipment is satisfactory, and when the operators are in a position to efficiently operate the plants. The department acts in an advisory capacity only, since the responsibility for this rests with the local municipality. During the year, work of this nature has been carried on for the following municipalities: Barrie, Belleville, Camp Borden, Chatham, Cobalt, Dundas, Fort Frances, Keswick, Kingston, Listowel, Niagara Falls, Orangeville, Penetang, Perth, Peterborough, Port Dover, Port Perry, Richmond Hill, Shelburne, Stratford, Smith's Falls, Trenton, Wingham, Woodstock and Woodville. Pasteurization continues to be favored in the municipalities of the Province. There are now 12 cities, 28 towns, and 2 villages and townships where pasteurization is either compulsory or is voluntarily applied to the entire supply.

Attached is a list of the water works and sewerage certificates issued during the year.

## SUMMARY

	Estimated Cost
RE WATERWORKS:	
Extensions to existing system.....	\$ 713,887.44
Purification of water supplies.....	103,951.19
New systems.....	.....
Total.....	\$ 817,838.63
RE SEWERAGE:	
Extensions to existing system.....	\$1,526,808.08
Treatment works.....	90,000.00
New sewerage systems.....	.....
Total.....	\$1,616,808.08

The total number of applications favorably reported upon re waterworks and sewerage for the year was 156 and involves an estimated expenditure of \$2,605,960.48.

CERTIFICATES ISSUED RE WATERMAIN EXTENSIONS, PURIFICATION,  
ETC., FOR THE YEAR 1934

Municipality	Number of Certificates Issued	Watermain Extensions	Supply and Purification	New
Aylmer.....	1		\$6,000 00	
Aurora.....	1	\$11,000 00		
Barrie.....	1		15,000 00	
Bracebridge.....	1	30,150 00		
Burlington.....	2	151,662 48		
Chatham.....	2	18,000 00	26,000 00	
Collingwood.....	1	42,000 00		
Dresden.....	1	14,000 00		
Exeter.....	1	31,300 00		
Fergus.....	1		5,000 00	
Forest Hill.....	3	10,457 00		
Fort William.....	2	7,890 08		
Hamilton.....	6	19,272 92		
Kingston.....	1	2,724 20		
Kitchener.....	1	1,394 00		
Newmarket.....	1	10,500 00		
North York Township.....	3	69,423 50		
Oakville.....	1	755 00		
Ottawa.....	2	70,000 00		
Owen Sound.....	1	4,488 12		
Paris.....	1	17,200 00		
Port Hope.....	2	35,000 00		
Preston.....	1	11,148 90		
Rockliffe Park.....	2	4,255 63		
Stamford Township.....	2	2,720 62		
Stayner.....	1		3,558 00	
Streetsville.....	1	2,087 00		
Swansea.....	1	2,037 00		
Teck Township.....	2	15,977 69		
Tecumseh.....	1	16,767 00		
Tillsonburg.....	1	1,149 65		
Thornbury.....	1		550 00	
Tisdale.....	1	11,073 49		
Toronto.....	6	86,663 16		
Trafalgar Township.....	3	12,190 00		
Trenton.....	1		47,843 19	
Tweed.....	1	600 00		
Totals.....	60	\$713,887 44	\$103,951 19	

## CERTIFICATES ISSUED RE SEWERAGE FOR THE YEAR 1934

Municipality	Number of Certificates Issued	Sewer Extensions	Disposal	New
Burlington.....	1	\$15,844 03		
Campbellford.....	1	529 00		
Cardinal.....	1	30,000 00		
Chesley.....	1	665 00		
Cornwall Township.....	5	13,675 00		
Cornwall.....	1	890 00		
Etibicoke.....	1	350 00		
Forest Hill Village.....	6	269,815 30		
Fort William.....	6	15,087 59		
Grantham Township.....	1	1,050 00		
Guelph.....	1		90,000 00	
Hamilton.....	6	139,095 00		
Kitchener.....	2	62,253 09		
London.....	4	4,241 43		
Midland.....	1	800 00		
North York Township.....	1	800 00		
Ottawa.....	29	615,755 51		
Owen Sound.....	1	19,671 63		
Preston.....	1	5,052 86		
Saint Catharines.....	1	3,054 00		
Stamford Township.....	1	284 15		
Swansea.....	1	900 00		
Teck Township.....	2	12,331 16		
Thorold.....	1	528 48		
Timmins.....	1	8,168 20		
Tisdale Township.....	2	26,411 65		
Toronto.....	12	268,075 00		
Tweed.....	1	1,400 00		
Waterloo.....	1	1,200 00		
Woodstock.....	3	9,770 00		
Totals.....	96	\$1,526,808 08	\$90,000 00	

DIVISION OF DENTAL SERVICES  
REPORT FOR THE YEAR ENDING DECEMBER 31, 1934

W. G. THOMPSON, D.D.S., Director

The activities of the Divisional staff were, during the year 1934, divided between those definitely supervisory and educational and those associated with the administration of the funds set aside for emergent dental relief. Prior to the time of the Divisional reorganization in July, the programme designed to create public and official interest in the dental needs of both children and adults was carried on as heretofore.

Lectures to the students in the teacher training schools of the Province, radio talks, public addresses, were given. Literature devised to meet the needs of the teaching group was distributed and appropriate charts demonstrating in semi-diagrammatic fashion the growth and development of the teeth and the action of dental caries, were made available to both teachers and nurses and to those members of the profession who might be desirous of using such as visual aids in a public presentation. Booklets so attractively gotten up that they must intrigue the imagination of children both young and old were distributed in areas where there was manifest interest.

Despite existing economic conditions, there was no evidence of failing interest in the existing service in those centres in which a plan of school dental supervision was in effect. Some half dozen municipalities were added to the list of those municipalities carrying on an acceptable type of school dental service.

The dental car operating in the north-western section of the Province continues to justify the wisdom of those who were responsible for the introduction of this novel but extremely effective method of serving the dental needs of those resident on the geographical fringe of the Province, approximately 3,000 persons receiving treatment during the year.

The study of dental conditions sponsored by the Department, with the aid of the Canadian Dental Hygiene Council and the Ontario Dental Association, in Eastern Ontario, has already revealed much of interest. The local dentists, aided by the nursing staff of the Department, completed a survey of practically all of the schools in the five counties and made the necessary recommendations re treatment. Provision was made to supply, through the resident dentists, the necessary treatment to those who were adjudged by a local Committee in each community to be unable to procure it in the orthodox fashion. About 1,900 children were treated at a cost of roughly \$6,000.00. Many, if not most, of these children were paying their first visit to the dentist.

This effort was supplemented by appropriately illustrated talks given by the Executive Secretary of the Canadian Dental Hygiene Council in practically all of the English-speaking schools in the area.

The demands made upon the funds set aside for unemployment dental relief became extremely heavy toward the end of the year. The following figures, show, in some detail, the monies expended and the number served by this essential relief measure: 27,865 patients received 59,595 operations at a cost of \$40,590.00.

Any statement in respect to the Division's activities would be incomplete without some reference to the contribution to the cause of better mouth health made by Dr. F. J. Conboy, who occupied the position of Director of this Division from its inception in 1926 until July of this year.

## DIVISION OF LABORATORIES

A. L. MACNABB, B.V.Sc., Director

During the year 1934 the Division of Laboratories examined and reported on 381,277 specimens. This number exceeds any previous year by 30,311 specimens. Table I outlines the number and nature of examinations made in each of the Laboratories. It will be noticed by Table II that the Central Laboratory at Toronto and the Branch Laboratories at London, Ottawa, Kingston, Fort William and Sault Ste. Marie all contributed towards this increase. The total increase in the volume of work of all Branch Laboratories, during the past year, was 9,171, whilst the increase therefore at the Central Laboratory was 21,854.

TABLE I

ROUTINE PROCEDURES	NUMBER OF EXAMINATIONS								
Type of Specimen	Toronto	London	Ottawa	Fort William	Kingston	North Bay	Peterborough	Sault Ste. Marie	Total
<b>BACTERIOLOGY:</b>									
Diphtheria:									
Direct Smears.....	1,853	742	943	260	46	208	244	12	4,308
Cultures.....	4,577	1,478	3,531	300	783	360	315	93	11,437
Virulence Tests.....	134	4		4		2	1		145
Kellogg Tests.....	409								409
Further Reports.....	199			62					261
Tuberculosis:									
Microscopic Smears.....	7,382	3,415	2,235	409	1,290	303	404	155	15,593
Guinea Pigs Inoculated.....	612	217	11	16	7		10	3	876
Cultures.....	2,419	96	8				6		2,529
Bang's Infection.....	479								479
Agglutinations:									
Dried Blood—									
Typhoid.....	198	1,470	147	21	6	36	35		1,913
Para A.....	198	957	94			36	35		1,320
Para B.....	198	958	143	20		36	35		1,390
B. Abortus.....	198	1,412	36	19		36	35		1,736
B. Tularensis.....	198	959		19		36			1,212
Whole Blood—									
Typhoid.....	2,155	1,035	250	93	281	14	48	45	3,921
Para A.....	2,155	843	38	92	281	14	48	45	3,516
Para B.....	2,155	849	250	93	281	14	48	45	3,735
B. Abortus.....	2,155	1,211	250	174	281	14	50	168	4,303
B. Tularensis.....	2,155	31	4	92		14	48	28	2,372
B. Dysentery Flexner.....	49	39							88
B. Dysentery Shiga.....	49	18							67
B. Enteritidis.....	14	25							39
Feces Examinations.....	1,028	589	101	47	100	11	22	17	1,915
Blood Cultures.....	1,877	1,176	60	38	134	14	45	4	3,348
(Undulant Fever).....									
Gonorrhoea:									
Smear Examinations.....	10,095	2,782	4,128	1,055	943	866	1,267	801	21,937
Complement Fixation.....									21
Rabies.....	18	3							21
Spinal Fluids.....	304	811	34	16	53		28	6	1,252



ROUTINE PROCEDURES	NUMBER OF EXAMINATIONS								Total
	Toronto	London	Ottawa	Fort William	Kingston	North Bay	Peterborough	Sault Ste. Marie	
Type of Specimen									
<b>BACTERIOLOGY—Cont'd</b>									
Miscellaneous.....	6,869	3,224	121	284	334	41	211	829	11,913
Milk.....	3,571	2,716	4,481	2,122	2,599	995	1,781	918	19,183
Further Tests.....									
Water.....	9,343	3,426	4,744	2,579	1,195	1,081	1,135	3,830	27,333
Further Tests.....	1,424								1,424
Syphilis:									
Dark Field.....	92	1	4	19	17				133
Blood Sera:									
S. Kahn.....	48,718	12,915	14,491	2,720	3,490				82,334
P. Kahn.....	461	3,488							3,949
K. Wassermann.....	48,552	13,755	15,064	2,732	3,551				83,654
D. Kline.....	260	6							266
Hinton.....	232								232
Spinal Fluids—									
S. Kahn.....	2,768								2,768
K. Wassermann.....	2,362								2,362
Colloidal Gold.....	2,949	811	317	16					4,093
Colloidal Mastic.....	2,487		237						2,724
Globulin.....	2,974	811	316	13	25				4,139
<b>CHEMISTRY:</b>									
Blood Sugar.....	8,483	1,633	288	67	422	103	129	166	11,291
N.P.N.....	4,094	1,032						13	5,139
Calcium.....									
Cholesterol.....									
Milk.....	3,439	1,970	4,311	1,384	145	995	942	922	14,108
Further Tests.....	493		2	31		982	664	662	2,834
Water.....	151	11	67						229
Further Tests.....									
Coal Samples:									
Calorific Value.....	280								280
Ash.....	280								280
Moisture.....	337								337
Volatile Matter.....	54								54
Miscellaneous.....	1,292	568	251	137	40	27	295	810	3,420
Liquors—									
Alcohol.....	1,298								1,298
Beer.....	161								161
Spirits.....	165								165
Wines.....	584								584
<b>PATHOLOGY.....</b>	<b>4,468</b>								<b>4,468</b>
<b>Total Examin'ns for Year..</b>	<b>201,904</b>	<b>67,487</b>	<b>56,957</b>	<b>14,934</b>	<b>16,304</b>	<b>6,238</b>	<b>7,881</b>	<b>9,572</b>	<b>381,277</b>

OUTFITS DISTRIBUTED FROM  
MAIN LABORATORY

Bacterial Water.....	10,554
Diphtheria.....	14,496
Tuberculosis.....	15,744
Wassermann.....	71,525
Gonorrhoea.....	24,530
Combined Outfits.....	2,322
Typhoid W. Blood.....	4,892
Dried Blood.....	103
Feces.....	3,504
Blood Sugar.....	16,933
N.P.N.....	6,784
Bangs Outfits.....	1,041
Pathological.....	4,632
Dark Field.....	398
Miscellaneous.....	168
Total.....	177,626

BIOLOGICAL AND CHEMICAL PROD-  
UCTS PREPARED AND DISTRIBUTED  
FROM MAIN LABORATORY

Typhoid Vaccine.....	21,570 c.c.
T. A. B. Vaccine.....	31,170 c.c.
Pertussis Vaccine.....	79,885 c.c.
Rabies Vaccine.....	40
Polio Serum.....	539
Silver Nitrate.....	58,093 grs.
Bismuth Oxochloride.....	161,034 "
Mercury Salicylate.....	16,248
Sodium Hydroxide in the Treatment of V.D.S.....	2,162 ozs.
Distilled Water in the Treatment of V.D.S.....	55,101 "

TABLE II

	1931	1932	1933	1934	Increase Over 1933
Toronto.....	154,632	160,711	180,050	201,904	21,854
London.....	51,089	58,408	65,657	67,487	1,830
Ottawa.....	47,251	46,662	52,173	56,957	4,784
Kingston.....	13,051	14,087	15,882	16,304	422
Fort William.....	11,612	12,531	14,152	14,934	782
Peterborough.....	8,204	7,951	8,480	7,881	.....
North Bay.....	7,595	7,706	6,353	6,238	.....
Sault Ste. Marie.....	7,471	8,058	8,219	9,572	1,353
Total.....	300,904	316,114	350,966	381,277	30,311

The above table gives the number of specimens examined in each of the Laboratories during the past year as well as the three preceding years. It will also be noted that this table shows the increase in the volume of work carried out in each laboratory over the previous year.

TABLE III

Outfits Sent Out	1931	1932	1933	1934
Bacterial Water.....	6,482	8,080	10,404	10,554
Diphtheria.....	15,108	12,669	10,079	14,496
Typhoid.....	4,078	3,557	3,561	4,892
Tuberculosis.....	17,371	14,446	17,890	15,744
Wassermann.....	58,638	66,681	73,941	71,525
Gonorrhoea.....	15,770	17,972	22,230	24,530
Blood Sugar.....	11,263	9,642	10,557	16,933
Non Protein Nitrogen.....	4,112	4,690	5,360	6,784
Feces.....	2,672	1,946	2,882	3,504
Combined Blood Outfits.....	2,161	2,492	3,717	2,322
Widal.....	411	1,669	433	103
Pathology.....	2,720	3,246	4,306	4,632
Dark Field.....	.....	.....	755	398
Bang's Outfits.....	.....	.....	.....	1,041
Miscellaneous.....	.....	.....	.....	168
Total.....	140,786	147,090	166,115	177,626

Table III shows the outfits, prepared and distributed from the Central Laboratory during the past year, as well as the three preceding years. It will be noted there was an increase of 11,511.

TABLE IV

Vaccines and Chemical Products	1931	1932	1933	1934
Typhoid monovalent vaccine, c. c.....	40,000	15,480	14,450	21,570
Typhoid paratyphoid vaccine, c. c.....	77,450	69,340	49,810	31,170
Whooping-cough vaccine c. c.....	137,000	104,070	88,825	79,885
Silver Nitrate for prevention of ophthalmia, ampoules.....	68,211	57,871	56,507	58,093
Bismuth Oxychloride, grains.....	99,740	128,152	136,728	161,034
Mercury salicylate grains.....	17,888	16,734	17,448	16,248
Sodium hydroxide in the treatment of V.D.S., ounces.....	3,616	3,117	2,423	2,162
Distilled water in the treatment of V.D.S., ounces.....	38,029	49,696	57,262	55,101
Polio.....	521	484	76	539
Rabies vaccine.....	51	32	94	40

Table IV shows the vaccines and chemical products, which are prepared and distributed by the Central Laboratory, with the exception of Polio serum and Rabies vaccine, which are prepared by the Connaught Laboratories and distributed by our Division.

## BACTERIOLOGY

*Diphtheria*.—Eleven thousand four hundred and thirty-seven diphtheria swabs were examined by the Division: 145 virulence tests were carried out, 26 of which were positive. Two hundred and sixty-one of the Loeffler cultures were streaked out on blood agar plates to determine the predominating organism present. Kellogg tests were carried out at the Central Laboratory on the blood sera of 409 patients, where the Schick test was unreadable.

*Tuberculosis*.—Fifteen thousand five hundred and ninety-three specimens of sputum were examined microscopically by the Laboratories of the Division for the presence of tubercle bacilli.

The study of the primary isolation of tubercle bacilli by cultural examination was continued during the past year. Two thousand three hundred and twenty-nine specimens were cultured. It will be noted by Table V that 10.2% of this number yielded tubercle bacilli. It can also be seen from this table that 74.2% of the positives were found at four weeks and 25.8% at eight weeks.

TABLE V  
TUBERCULOSIS CULTURES

Number of Specimens positive at 4 and 8 weeks and the total percentage of positives on various types of specimens. (October 1st, 1933, to September 30th, 1934.)

	Number of Specimens	NUMBER POSITIVES		Number Positive	Number Negative	Percentage of Positives
		At 4 Weeks	At 8 Weeks			
Sputa.....	1101	41	18	59	1042	5.35
Urines.....	604	48	12	60	544	9.93
Right Ureter.....	114	11	2	13	101	11.40
Left Ureter.....	101	2	4	6	95	5.94
Pleural Fluid.....	187	25	7	32	155	17.11
Bone and Joint Fluid	50	9	4	13	37	26.00
Pus.....	96	27	7	34	62	35.41
Miscellaneous.....	76	1	3	4	72	5.26
Total.....	2329	164	57	221	2108	.....



Of the culture media used Lowenstein's, Petraghani's, Lowenstein's containing silica and Woolley's were the most efficient.

*Spinal Fluids.*—(Bacteriological Examination)—Table VIII outlines the results obtained in connection with the examination of 304 specimens of spinal fluid.

TABLE VIII

	Number	Per Cent
Streptococcus Hemolyticus.....	9	2.94
Pneumococcus Type III.....	1	.34
Pneumococcus Group IV.....	4	1.30
Staphylococcus aureus Hemolyticus.....	7	2.31
Meningococcus (microscopically).....	5	1.64
Meningococcus (culturally).....	1	.34
Pus cells abundant, no growth.....	28	9.22
Yeast-like fungus—pus cells abundant.....	2	.66
Influenza bacillus.....	4	1.30
Cells increased, lymphocytes predominating.....	46	15.14
Tubercle bacillus.....		
Microscopic + Guinea Pig + Culture +.....	3	.99
Microscopic — Guinea Pig + Culture —.....	3	.99
Microscopic — Guinea Pig + Culture +.....	10	3.27
Microscopic + Guinea Pig + not done.....	3	.99
Microscopic — Guinea Pig + not done.....	3	.99
Red cells abundant, no apparent increase in leucocytes.....	64	21.06
Negative findings.....	89	29.27
Contaminated fluids.....	22	7.25
Total.....	304	100.00

From the above table it will be noted that of the 304 spinal fluids examined, 22 yielded the presence of tubercle bacilli.

These strains have all been typed and a separate report on the results will be published.

*Gonorrhoea.*—During the past year 21,937 smears were examined for the presence of gonococci, which is an increase of 1,433 over the previous year.

*Milk.*—The Laboratories examined 19,183 samples of milk during the past year, which is an increase of 1,847 samples over the previous year.

In addition to the routine work, a comparative study of the counts obtained when plates are incubated at 37 and 32 degrees C., respectively, is being carried out.

*Water.*—Twenty-seven thousand three hundred and thirty-three samples of water were examined. This is an increase of 890 samples over the previous year.

An investigational study as to the relative merits of various culture media for the presumptive test has been carried out at the Central Laboratory in connection with bacteriological water analysis. This work is now being carried

out at the Fort William Branch Laboratory. A study of the value of potassium cyanide citrate medium is also being made at the Central Laboratory.

*Miscellaneous.*—Eleven thousand nine hundred and thirteen miscellaneous specimens were received and examined by the Division, which is 2,842 more than the previous year.

*Rabies.*—Twenty-one dogs' heads were examined. Eighteen of this number at the Central Laboratory and three at the Institute of Public Health, London. Forty antirabic treatments were distributed by our Department.

*Colon Typhoid.*—Two thousand one hundred and fifty-five whole blood specimens were examined during the past year at the Central Laboratory. The routine carried out on these specimens has been similar to that for the last six years, that is, briefly, each specimen is agglutinated with typhoid, paratyphoid A. and B., B. abortus and B. tularensis. The blood clot from each specimen is cultured and when a combined blood culture outfit is received, both the culture vial and blood clot in the small glass tube are also cultured. Table IX shows the agglutination results obtained.

TABLE IX  
WHOLE BLOODS 1934

	Number Examined	Number Positive	Per Cent. Positive
B. Typhosus.....	2,155	218	10.1
Para B.....	2,155	66	3.0
B. Abortus.....	2,155	80	3.7
Tularensis.....	2,155	12	0.56
Para A.....	2,155	1	.04
Paradysentery.....	2,155	4	.18

It will be noted from the above table, the number and percentage positive for typhoid, paratyphoid, undulant fever and tularemia. Table X outlines the blood culture results.

TABLE X  
BLOOD CULTURES 1934

	Number Examined	Number Positive	Per Cent. Positive
B. Typhosus.....	1,877	82	4.0
Para B.....	1,877	18	.90
Hem. Staph. Aureus.....	1,877	19	1.0
Strep. Viridans.....	1,877	7	.37
Strep. Hemolyticus.....	1,877	6	.32
B. Protens.....	1,877	1	.053
Dip. Crassus.....	1,877	1	.053

It will be noted from the above table that seven isolations for Streptococcus viridans were made. This was made possible by the use of the combined blood culture outfit. It will also be noted that the number of paratyphoid B. isolations was less than previous years.

## INVESTIGATIONAL

Investigational work has been commenced in which both formalized typhoid paratyphoid (H) and alcoholic (O) antigens are being used routinely. Also, some investigational work in connection with paratyphoid infections is being carried out. Stock culture of these various strains have been obtained from the Lister Institute. It is our hope that this investigational work will result in the acquiring of accurate data as to the causative agent in each case of enteric disease.

In addition we have continued studies relative to the preparation of typhoid vaccine. The vaccine distributed by our Department is comprised of strains whose virulence has been rejuvenated. Each lot of vaccine prepared is now tested in a manner suggested by the British War Office.

Further investigational work has been carried out in connection with the distribution of a new feces outfit. It is our hope that this new outfit will enable us to isolate a greater number of bacterial dysentery strains, also, the physician will have an outfit readily available in which specimens for examination for parasitic ova may be submitted. This outfit was described in the January issue of the *Canadian Public Health Journal*. During the past year, 1,915 specimens of feces were examined by the Division, which is an increase of 449 over the previous year.

TABLE XI  
POSITIVE AGGLUTINATION FOR

Period Examined	Number Examined	B. TYPHOSUS		B. PARATYPHOID B.		BR. ABORTUS	
		No.	Per Cent.	No.	Per Cent.	No.	Per Cent.
1929	669	100	15.9	8	1.2	29	4.3
1930	1,125	193	17.1	30	2.7	54	4.8
1931	1,985	245	12.3	184	9.3	75	3.8
1932	1,373	169	12.3	43	3.1	64	4.7
1933	2,227	129	5.79	60	2.69	67	3.
1934	2,155	218	10.1	66	3	80	3.7

(Jan. 1-Dec. 31)

## SEROLOGY

*Syphilis*.—(serodiagnosis) During the past year the Wassermann reaction was carried out on 83,654 specimens of blood, by the five serological laboratories of the Division. This number shows an increase of 4,081 over the previous year.

The number of spinal fluids received has increased during the past year; 4,093 tests were carried out, which is an increase of 379 over the previous year.

Following our preliminary report in September, 1932, on the use of our combined dark field outfit, Table XII outlines the results obtained to December 31st, 1933.

TABLE XII

	No. Examined	POSITIVE		NEGATIVE	
		No.	Per Cent.	No.	Per Cent.
Dark Field.....	197	120	60.9	77	39.1
Presumptive Kahn.....	194	104	53.6	90	46.4
Hinton.....	173	82	47.4	91	52.6
Standard Kahn.....	189	85	44.9	104	55.1
Wassermann.....	160	64	40.0	96	60.0
Kline.....	142	69	48.6	73	51.4

+ D.F.	Positive in	+D.F. + P.K.	- D.F.
- Serology	all tests.	-in all others	+ Serology
25	42	2	15

Accurate data has been compiled in connection with the examination of 114,139 specimens of blood sera and 4,848 specimens of spinal fluid. Table XIII outlines the results obtained in connection with examination of 114,139 specimens of blood sera.

TABLE XIII  
SUMMARY OF 114,139 SERA FOR 3 YEARS—1931, 1932 AND 1933

	Untreated	Per Cent.	Treated	Per Cent.
+Kahn + Wassermann.....	8,173	7.1	7,591	6.6
+ Kahn - Wassermann.....	1,006	0.8	1,534	1.3
- Kahn + Wassermann.....	487	0.4	612	0.5
- Kahn - Wassermann.....	85,568	74.9	5,785	5.06

Anticomplementary Results	230	{	+ Kahn 67	.05%
	0.1%		- Kahn 162	.14%

Hemolized Wassermann with readable Kaha.....	19	— .01%
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Hemolized Kahn with readable Wassermann.....	365	— 0.3%
---	-----	--------

Hemolized and not readable in either test.....	188	— 0.1%
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Relative Agreement.....	93.8%
Agreement Untreated.....	98.4%
Agreement Treated.....	86.1%



Table XIV outlines the results obtained on 4,848 specimens of spinal fluid.

TABLE XIV  
SUMMARY OF 4,848 CEREBROSPINAL FLUIDS FOR 1932 AND 1933

	Untreated	Per Cent.	Treated	Per Cent.
+ Kahn + Wassermann.....	651	13.4	400	8.2
+ Kahn - Wassermann.....	70	1.4	59	1.2
- Kahn + Wassermann.....	33	0.6	32	0.6
- Kahn - Wassermann.....	2,759	56.9	348	7.1
+ Globulin.....	2,070	42.6	594	12.2
- Globulin.....	1,866	38.4	286	5.8

No. of Colloidal Golds..... 4,754 — 98.06%  
No. of Colloidal Mastics..... 4,108 — 84.7%

Relative Agreement..... 93.5%  
Agreement Untreated..... 97.0%  
Agreement Treated..... 89.1%

#### CHEMISTRY

*Blood Chemistry.*—During the past year, the Central Laboratory carried blood sugar determinations on 8,483 specimens, which is 1,120 more than the previous year. Four thousand and ninety-three non protein nitrogen determinations were carried out, which is an increase of 1,161.

*Miscellaneous.*—The chemical section carried out complete examination on 584 samples of wine, and on 161 samples of beer for the Liquor Control Board. An alcohol determination was also carried out on 1,298 samples of liquor.

I would like to again express my hearty appreciation for the hearty cooperation of the members of the Central Laboratory staff and of the Directors and staff of the various Branch Laboratories. I would like to make special mention of the excellent work and courtesy extended to me by the Richardson Laboratory, Kingston, and the Institute of Public Health, London. A brief report by each Director of the Branches follows:

#### OTTAWA BRANCH LABORATORY

DR. F. L. LETTS, Director

I have the honour to submit herewith a report of specimens examined at this Branch Laboratory, during the year 1934.

Diphtheria swabs have decreased in number from 10,480 in 1930 to 3,531 in 1934. Most of the swabs for 1934 are merely precautionary routine, such as for admission to sanatoria, orphanages, summer camps, etc. There is a steady increase in the number of specimens of milk and water, and of specimens for examination for tuberculosis, gonorrhoea, and syphilis. The increase in total number of specimens as compared with 1933 is 4,774 or 9.1 per cent.

RICHARDSON LABORATORY, QUEEN'S UNIVERSITY, KINGSTON  
PROFESSOR JAMES MILLER, M.D.

In submitting the Annual Report of the work done in the Kingston Branch Laboratory for the year 1934, I beg to make the following remarks:

There is as usual a considerable increase in the work done and in the reports issued. Some variation in the figures under the various headings is to be noted. There is first a marked diminution in the number of throat swabs examined. This is in keeping with the steady decrease of diphtheria in the Province. The number of Wassermann and Kahn tests, the number of Widal reactions and the number of sputum examinations remain about the same. On the other hand, the number of examinations of faeces for organisms of the typhoid and dysentery groups steadily increases. The great increase however in recent years has been in the number of milk and water examinations. This is of course a healthy sign as it indicates that local authorities are more and more conscious of their responsibilities in these matters. It involves however a great increase in the work of the laboratory as such examinations take time and require great care and accuracy. Owing to the passing of a By-law compelling general pasteurization by the milk distributors in the City of Kingston this department of the work is certain to increase in the spring of the year when the By-law comes into force.

I should like again to express my appreciation of the continued courtesy and co-operation of the Central Laboratory under the direction of Dr Mac-Nabb. We are greatly assisted by the willingness of the Director to help us out of difficulties and by his circularizing us with excerpts from literature dealing with advances in bacteriology and laboratory technique.

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FORT WILLIAM BRANCH LABORATORY

DR. J. W. BELL, Director

I have the honour to submit the report of specimens examined in this Branch Laboratory during 1934. In all 14,934 examinations were made, a slight increase over the 14,152 in 1933.

There have been a few sporadic cases of diphtheria in the district and several milk outbreaks of streptococcic sore throats simulating diphtheria, which have resulted in an increased number of throat swab examinations. Examinations for gonorrhoea and syphilis have shown a considerable increase with an approximately corresponding increase in the number of positive results. The hospitals have shown an increased tendency to submit routine blood samples for Wassermann tests; the value of this procedure is indicated by the number of positives so obtained. Routine hypochlorite tests on raw milk samples have been discontinued, due to the fact that in the latter part of 1933 no positive results were obtained; this test is, however, performed with other preservative tests where there is reason to suspect that preservatives have been added.

Changes in technique have been few. The most important has been the substitution of dried complement supplied by the Central Laboratory for fresh guinea pig serum in the Wassermann test. This has proved very advantageous

not only because of its convenience and economy but because of the uniformity and reliability of the results obtained. We greatly appreciate the assistance Dr. MacNabb has given us in providing this material.

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### PETERBOROUGH BRANCH LABORATORY

DR. C. B. WAITE, Director

I have the honour to submit my report for the year 1934 from the Branch Laboratory, Peterborough, as follows:

The number of examinations for the year has decreased, due entirely to the marked decrease in the number of cultures for diphtheria bacillus. There was a decrease of over eleven hundred in the cultures for diphtheria bacillus. Apart from this the work in general has increased.

There was an increase in the agglutination tests for the enteric group. There have also been more positive agglutinations for *Brucella abortus*. The examinations of milk and water, however, account for most of the general increase in specimens.

I wish to thank the Director for co-operation and assistance during the year.

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### NORTH BAY BRANCH LABORATORY

DR. W. A. R. MICHELL, Director

I have the honour to submit my report for the year 1934 from the Branch Laboratory North Bay.

During the past year, 6,238 specimens were examined. Two small epidemics of diphtheria occurred in the Towns of Iroquois Falls and Powassan, in consequence of which the number of throat swabs submitted to the Laboratory for culture showed an increase over the year 1933. The number of cultures positive for diphtheria bacilli was 13 from Powassan and 6 from Iroquois Falls. Due to these epidemics too, the Laboratory distributed more vials of antitoxin and toxoid. The City of North Bay reported no cases of Diphtheria this year.

The number of typhoid specimens has shown very little difference from the year 1933 and the examinations of water show a continued interest in the safe-guarding of the water supplies of tourist camps and summer resorts in this part of Ontario.

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### INSTITUTE OF PUBLIC HEALTH, LONDON

DR. A. J. SLACK, Director

I beg to submit herewith a report of the laboratory examinations made during the year 1934 by the Branch Laboratory of the Department located in the Institute of Public Health, London, Ontario. During the year a total of 67,487 specimens were examined for the Ontario Department of Health,

representing an increase of 1,830 specimens (or 2.79 per cent.) over the preceding year.

The extent and efficiency of Toxoid immunization is indicated by the marked decrease in the number of swabs submitted for the diagnosis of Diphtheria and, for the first time in the history of the Institute, an entire year has passed without a positive laboratory diagnosis of this disease. There is, however, an increasing demand for the examination of swabs for the presence of haemolytic streptococci or for the isolation and identification of other pathogens. The number of Wassermann and Kahn tests show little change from the preceding year but all other types of blood examinations, including agglutinations, cultures, sugar and non-protein nitrogen determinations show very definite increases. There is also an increased demand for water and milk examinations from municipalities outside of the City of London.

More outfits for the collection of specimens were distributed and more outfits were prepared in this laboratory than during any preceding year.

There is an increasing demand on the part of physicians for free examination of pay specimens for their indigent patients. Examinations of this character made without charge during the year 1934 include 177 tissues for surgical pathology, 65 blood counts, 34 blood groupings, 1 blood coagulation, 11 Aschheim-Zondek tests, the preparation of 31 autogenous vaccines, 242 urine examinations, 2 gastric analyses and 324 chemical analyses including blood-urea, uric-acid, creatinine, cholesterol, phosphate, Van den Bergh reaction and spinal fluid sugar and chlorides.

Each year shows a definite increase in the number of packages of biological products distributed. During 1934 there was a large increase in the amount of Scarlet Fever Toxin, Antitoxin and Dick tests distributed but all other free biological products except insulin, tetanus antitoxin, pertussis vaccine and smallpox vaccine have shown a decrease. This year has shown a marked drop in the amount of pay insulin sold and the amount of free insulin distributed has reached a new high level.

Such measure of success as has attended our efforts during the past year has been largely due to the loyalty of our staff and the hearty co-operation which we have received from the Department through the Director of Laboratories.

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#### SAULT STE. MARIE BRANCH LABORATORY

DR. N. F. W. GRAHAM, Director

In reviewing the work of the year 1934, it is at once noticeable that there has been an increase of 16 per cent. in the number of specimens examined. There has been a reduction of nearly 50 per cent. in the number of throat cultures for Diphtheria, due to the use of Diphtheria Toxoid.

A case of Undulant Fever was reported from this Laboratory found in the blood of one of the local practising physicians. This led to many blood tests for the detection of *Brucella Abortus* and several herds of cattle were tested which supplied milk to this city. The result showed the infection to be fairly widespread among the dairy herds.

During the year the water supplied to all passenger and freight boats touching this port were examined and reported upon.

The smaller towns around the city are showing increasing interest in their water and milk supplies, judging by the specimens sent in with more or less regularity.

Very considerable increase is noted in miscellaneous specimens, which represent special work for practising physicians on the very sick in the form of blood cultures, blood counts, urine analyses, blood chemistry, the preparation of autogenous vaccines and also many blood groupings preparatory to transfusion.

Most of the diabetic diets and doses of Insulin have been undertaken from this Laboratory for the unemployed and relief diets outlined.

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## PATHOLOGY

J. E. BATES, B.A.M.C.M., M.B., Director

The Division of Pathology has now completed four and one-half years of service. As has been the case in each preceding year we are again able to report a very considerable increase in the number of specimens received and diagnosed. In spite of the economic situation and the fact that this is one of the few services for which a charge is made, the total number of specimens received during 1934 amounted to 4,716 which represents an increase of 28.33 per cent. over 1933, which in turn had shown an 18.09 per cent. increase over the preceding year. This growth has been steady (Table I) and as yet shows no signs of diminishing inasmuch as new hospitals continue to avail themselves of this service, and additional practitioners in new centres continue to seize upon this opportunity for accurate and rapid diagnosis which has been placed within their reach. The majority of these practitioners are in small communities where such a service is not available locally.

Specimens have been forwarded to this Central Laboratory from 190 communities scattered throughout the province. Specimens were received from such widely separated places as Sioux Lookout and Hearst in the north; Leamington and Port Colborne in the South; Hawkesbury and Cornwall in the East; and Rainy River and Fort Frances in the West. It will be seen from the accompanying lists, showing the Geographical Distribution from which materials were received (Table II), that 660 of these specimens were sent in from Toronto. While this is by far the largest number of specimens from any one centre the number of specimens per capita from Brockville, Galt, North Bay, Oshawa, Simcoe, Sudbury, Timmins and Welland is much higher. In these centres, as in many others, the hospitals are taking full advantage of this service by sending as a routine all surgical specimens for histological diagnosis. We believe such a routine to be a splendid thing in stimulating accurate clinical diagnosis and in rounding out the hospital records and we do what we can to encourage it; but we are also greatly interested in the 67 communities from each of which only one specimen has been received. The practitioners in these latter communities have at their disposal facilities for tissue diagnosis identical with those available to the hospitals which have adopted this service as a routine.

The specimens relating to neoplasms have always held an unusual interest.

This interest has been intensified by the increasingly insistent demand that the Cancer Problem be handled adequately. The incident of Cancer Deaths has been increasing insidiously but steadily, and presents a situation much more baffling than those presented in the past by Small Pox, Tuberculosis, Diphtheria and other communicable diseases. This situation is world-wide, and even the most forward looking countries are still groping for the final solution of this problem. The increased thought and attention to this situation has served to emphasize the importance of the role of the Pathologist in the diagnosis of malignancy, for it is generally agreed that histopathology offers the earliest certain recognition of cancer.

The necessity of early diagnosis and treatment as already brought before the laity has in many cases resulted in the patient coming to his physician much earlier in the course of the disease than hitherto, with the result that it is becoming more difficult to make an accurate diagnosis. We are dealing more frequently with the early beginnings of cancer as it manifests itself in the tissues, and increasing skill and training are required on the part of the pathologist in order to recognize some of these very early lesions.

The accompanying table (Table III) indicates that of the 4,716 specimens examined during the year 1,270 represented various types of tumours. In addition there were 89 cases in which cancer had been diagnosed clinically, but in which the lesion was found to be benign. The histological diagnosis ruling out malignancy in this latter group of cases is in itself of very great value to the patient in that it frees him from the need of a serious operation or from a course of radiotherapy, not to mention the restoration of tranquility of mind.

Of the total number of tumours studied 707 were benign and 563 were malignant. Among the benign tumours 179 were in males and 528 in females. The malignant tumours were divided as follows: males 211, and females 352. The majority of the malignant tumours in males arose in skin or lip (94 out of a total of 211); while in the female the majority of malignant tumours arose in breast and genital organs (233 out of a total of 352). The incidence of carcinoma of large bowel including rectum was approximately equal in both sexes. Although cancer is popularly considered to be a disease of middle or later life it must always be borne in mind that youth alone cannot be depended upon to eliminate the possibility of malignancy. Apart entirely from malignant tumours of the new born or of childhood such as Embryonal Sarcoma of Kidney, of which we had three examples this year, and other types of sarcoma; there was also a case of cancer of the stomach in a girl of 16. Such cases are by no means unique, and serve to illustrate the fact that youth is not immune to cancer.

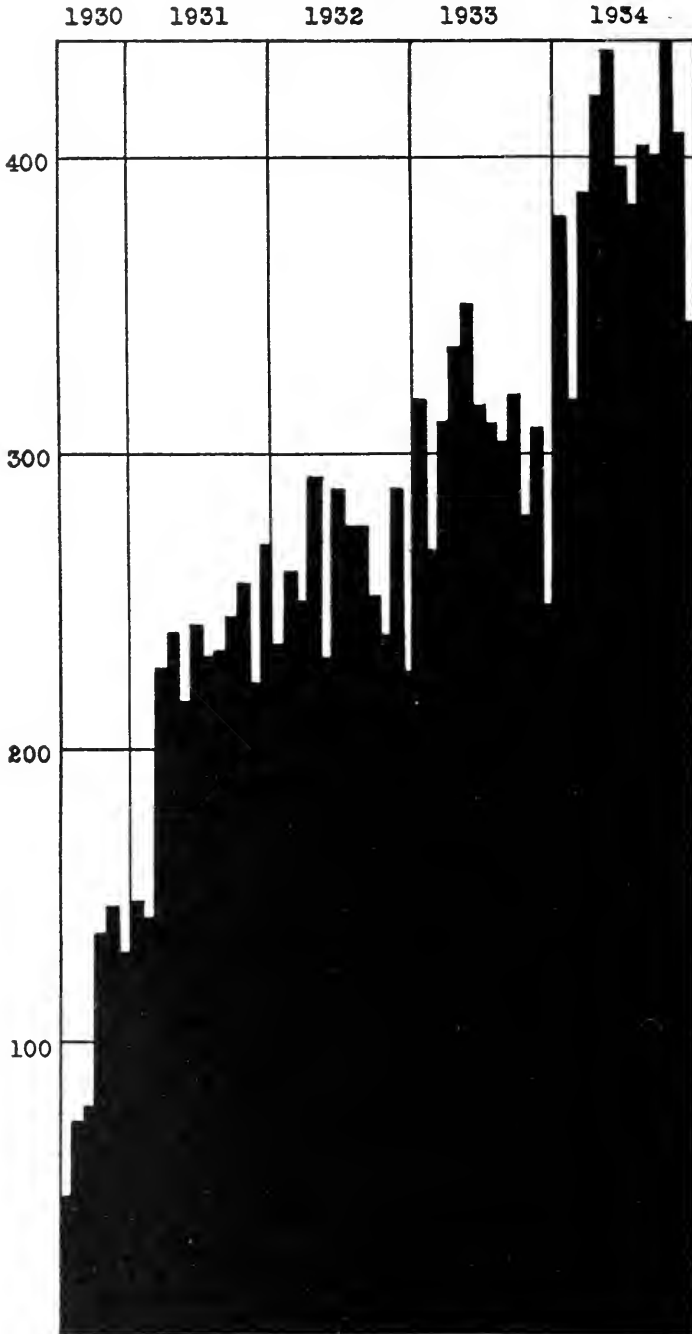
In addition to the specimens relating to tumours which account for 27.14 per cent. of all materials examined a wide variety of lesions has been encountered. While in most cases the analysis of the tissues has corroborated the clinical diagnosis, nevertheless in not a few cases the true nature of the condition had not been fully appreciated before the materials had been forwarded for examination. Table IV indicates very briefly the sources of tissues other than those relating to tumours. Among the more interesting of these cases we include 7 cases of Hodgkin's Disease, one case of Echinococcus infection, and five cases of Actinomycosis (two of these had been recognized clinically). One case of amoebiasis was also recognized at the close of the year. This appeared to be in the nature of an *Entamoeba histolytica* infection but the material forwarded was not suitable for positive identification and a further

check is being made of the stools in this case. We have twice diagnosed *Moluscum Contagiosum* and we have encountered one case of Riedal's Struma (Thyroid). Among the 1,275 appendices studied we have found infestation by *Oxyuris Vermicularis* in 51 cases or (4 per cent.). The recognition of this condition indicates a further line of treatment in these cases.

The specimens received include biopsy, surgical and post-mortem material. In order to facilitate the preservation and forwarding of these specimens the Department of Health has provided Pathology Specimen Outfits which are available upon request. These outfits consist of a mailing carton, a specimen bottle containing formalin and a Specimen Card outlining in a general manner the most satisfactory methods of obtaining biopsy material.

In reviewing the work for the past year I wish to record my thanks for the diligence and loyalty of the staff. I wish also to express my sincere appreciation of the ready co-operation and wise counsel of Professor Oskar Klotz who occupies the chair of Pathology and Bacteriology at the University of Toronto. He has spared no effort to enhance the value of this laboratory and his constructive advice has been invaluable. The peculiarly fortunate location of this laboratory has also allowed for very close co-operation with the Surgical Pathology Department of the Toronto General Hospital and my thanks are due to Dr. W. L. Robinson who so kindly assumes supervision of this laboratory during the summer vacation of the Director.

TABLE I.



Number of Specimens per Month.  
July 1930 - December 1934.



TABLE II  
GEOGRAPHICAL DISTRIBUTION OF SPECIMENS— 1934

Alliston.....	8	Fort Frances.....	7	Pakenham.....	3
Almonte.....	1	Fort William.....	5	Palgrave.....	1
Ansonville.....	1	Galt.....	323	Palmerston.....	5
Arthur.....	1	Goderich.....	16	Parry Sound.....	10
Ashton.....	1	Grafton.....	2	Pelee Island.....	3
Atwood.....	2	Grand Valley.....	1	Pembroke.....	31
Aurora.....	3	Gravenhurst.....	2	Penetang.....	2
Ayr.....	1	Guelph.....	131	Perth.....	8
Baden.....	3	Haileybury.....	32	Peterborough.....	5
Barrie.....	22	Hamilton.....	3	Picton.....	10
Barry's Bay.....	4	Hanover.....	4	Port Colborne.....	18
Bayfield.....	1	Hawkesbury.....	10	Port Credit.....	1
Baysville.....	1	Hearst.....	6	Port Dover.....	1
Beamsville.....	1	Hensall.....	1	Port Hope.....	8
Beeton.....	1	Hespeler.....	2	Port Perry.....	2
Belleville.....	1	Hillsdale.....	1	Port Rowan.....	2
Blind River.....	1	Holstein.....	1	Preston.....	27
Bloomfield.....	2	Hudson.....	2	Rainy River.....	1
Bolton.....	4	Humberstone.....	2	Renfrew.....	20
Bowmanville.....	1	Iroquois.....	13	Riceville.....	3
Bracebridge.....	11	Jarvis.....	1	Richards Landing.....	2
Brampton.....	134	Kapuskasing.....	6	Ridgeway.....	1
Brantford.....	38	Keene.....	1	Rockwood.....	9
Brechin.....	11	Kemptville.....	1	Sarnia.....	1
Brighton.....	1	Kilbride.....	1	Sault Ste. Marie.....	40
Brockville.....	317	Kincardine.....	1	Schumacher.....	5
Bruce Mines.....	2	Kingston.....	1	Seaforth.....	6
Brussels.....	1	Kirkland Lake.....	38	Shelburne.....	4
Burford.....	2	Kitchener.....	125	Simcoe.....	219
Burwash.....	22	Lakeview.....	1	Sioux Lookout.....	10
Campbellford.....	2	Lanark.....	1	Smith's Falls.....	23
Cannington.....	2	Langton.....	1	South Porcupine.....	3
Carleton Place.....	2	Leamington.....	4	St. Catharines.....	39
Carp.....	1	Lindsay.....	32	St. Eugene.....	1
Chapleau.....	3	Listowel.....	5	St. Mary's.....	1
Chatham.....	1	Little Britain.....	1	Streetsville.....	2
Chesley.....	1	Maple.....	1	Sturgeon Falls.....	1
Chippawa.....	5	MacTier.....	1	Sudbury.....	393
Clarksburg.....	1	Markdale.....	5	Sunderland.....	1
Clarkson.....	2	Marmora.....	1	Sundridge.....	1
Cobalt.....	3	Meaford.....	5	Tavistock.....	1
Cobden.....	1	Metcalf.....	4	Thessalon.....	1
Cobourg.....	19	Midland.....	13	Thorold.....	3
Cochrane.....	3	Mildmay.....	4	Tillsonburg.....	29
Colborne.....	1	Milton.....	14	Timmins.....	113
Collingwood.....	28	Mimico.....	1	Toronto.....	660
Cookstown.....	5	Morrison.....	1	Vankleek Hill.....	1
Copper Cliff.....	9	Neustadt.....	1	Victoria Harbor.....	1
Cornwall.....	160	New Hamburg.....	1	Walkerton.....	5
Delhi.....	1	New Liskeard.....	2	Walkerville.....	1
Dundalk.....	1	Newmarket.....	31	Walters Falls.....	1
Dungannon.....	12	Niagara Falls.....	62	Waterford.....	2
Dunnville.....	7	Noranda.....	70	Waterloo.....	15
Elgin.....	1	North Bay.....	263	Welland.....	243
Elmira.....	3	Oakville.....	4	Wellesley.....	4
Emo.....	3	Orangeville.....	86	Wellington.....	25
Erin.....	2	Orono.....	1	Westmeath.....	1
Espanola.....	6	Orillia.....	53	Weston.....	81
Fenwick.....	1	Oshawa.....	122	Whitby.....	8
Fergus.....	14	Ottawa.....	27	Warton.....	2
Finch.....	1	Otterville.....	1	Winchester.....	2
Foleyet.....	2	Owen Sound.....	92	Windsor.....	7
Fort Erie.....	28	Paisley.....	3	Woodbridge.....	1
				Woodville.....	3

TABLE III  
SPECIMENS SHOWING TUMOUR  
1934

	BENIGN		MALIGNANT	
	Male	Female	Male	Female
Nose.....	3	2	2	1
Lip.....	3	0	34	4
Tongue.....	4	6	3	1
Mouth.....	9	12	7	1
Salivary Gland.....	5	3	0	0
Larynx.....	3	2	1	0
Stomach.....	0	0	10	5
Intestine.....	6	7	15	16
Skin.....	20	29	60	27
Subcutaneous.....	19	23	10	6
Breast.....	1	75	0	125
Uterus.....	.....	147	.....	36
Cervix.....	.....	59	.....	41
Ovary.....	.....	35	.....	18
Prostate.....	40	.....	11	.....
Testis and Epididymis.....	3	.....	6	.....
External Genitalia.....	1	5	2	15
Kidney.....	0	0	4	1
Bladder.....	0	0	4	2
Thyroid.....	13	79	1	2
Nerve and Brain.....	1	3	2	5
Bone.....	1	2	5	5
*Lymph Nodes.....	0	0	14	13
Haemangioma.....	29	20	2	3
Lymphangioma.....	2	0	0	0
Eye.....	0	0	3	1
Secondary Carcinoma.....	0	0	2	7
Giant Cell.....	2	0	0	0
Epulis.....	6	0	0	0
Naevus Type.....	7	14	6	6
Gall-Bladder.....	0	0	1	1
Liver.....	0	0	2	1
Pancreas.....	0	0	1	1
Lung.....	0	0	1	2
Xanthoma.....	1	5	0	0
Miscellaneous.....	0	0	2	6
Total.....	179	528	211	352
Grand Total.....	.....	.....	.....	1270

\*Includes Secondary Carcinoma.

TABLE IV  
DISEASED TISSUES OTHER THAN TUMOUR

1934

Skin.....	122	Bladder.....	8
Subcutaneous.....	50	Urethra.....	12
Nasopharynx.....	63	Bones and Joints.....	41
Mouth.....	27	Teeth.....	1
Salivary Gland.....	1	Eyes.....	17
Lip.....	15	Conjunctiva.....	2
Tongue.....	8	Appendix—M.....	482
Oesophagus.....	1	Appendix—F.....	793
Stomach.....	12	Gall-Bladder.....	113
Intestine.....	29	Blood Smears.....	44
Omentum.....	15	Thymus.....	1
Peritoneum.....	3	Brain.....	7
Thyroid.....	43	Nerve.....	1
Neck.....	5	Lung.....	27
Breast.....	114	Pleura.....	2
Lymph Nodes.....	93	Bronchus.....	1
Uterus—Fundus.....	127	Heart.....	15
Uterine Curettings.....	387	Aorta.....	5
Cervix Uteri.....	246	Veins.....	4
Fallopian Tube and Ovary.....	317	Liver.....	26
Prostate.....	5	Spleen.....	17
Testis.....	14	Pancreas.....	9
Epididymis.....	3	Muscle and Tendon.....	12
Vagina.....	13	Body Fluids.....	8
External Genitalia.....	13	Sputum.....	9
Adrenal.....	1	Faeces.....	11
Kidney.....	39	Miscellaneous.....	12
			3446

## DIVISION OF NURSE REGISTRATION

MISS A. M. MUNN, REG. N.,  
Inspector of Training Schools

### STATEMENT OF REGISTRANTS AND REVENUE

Total number registered (since 1923).....	18,300
Total Number Taking Provincial Examinations, 1934.....	1,504
Total Number Registered during 1934.....	1,275

### FINANCIAL STATEMENT

Registration Fees.....	\$ 6,490.00
Re-Registration Fees.....	9,522.00
Training School Records.....	72.75
Miscellaneous.....	25.37
Examination Fees.....	6,753.00
	\$22,863.12

Since 1923 18,300 nurses have been registered in this Province. In 1934 1,504 nurses wrote Provincial Examinations and there was a total of 1,275 initial registrations.

Thirty-seven (37) training schools have discontinued to date and there is a list of sixty-five general and seven Provincial Hospitals conducting training schools.

During the year twenty-three inspections were made.

In 1935 the Toronto University School of Nursing applied for inspection and was approved.

Two hospitals have discontinued training schools—St. Francis Hospital, Smith's Falls—the students being absorbed by the St. Vincent de Paul Hospital, Brockville; Lady Minto Hospital, Cochrane, the students being placed at Grace Hospital, Toronto.

We wish to thank these hospitals for their courtesy and assistance in accepting the students for the completion of training.

Some progress has been made through the activities of the Council of Nurse Education.

Seven meetings of Council were held during 1934-35 for the transaction of routine business such as the appointments to the Board of Examiners, a final review of examination papers, review of failure papers following the examinations and the consideration of interim reports of the Inspector of Training Schools. These meetings lasted from one half to a full day.

There was a period of inactivity from January to March when no Council functioned, due to the fact that all appointments had expired January 1, 1935. The new Council was not appointed until March of 1935 when an amendment

was made to the Regulations to provide for an increase of membership as follows:

“There shall be appointed a Council of Nurse Education, composed of not less than seven or more than nine members. Three of such members shall be nurses who are connected in a teaching capacity with a Training School for Nurses and who may be recommended by The Registered Nurses’ Association of Ontario. Of the remaining members, one shall be an officer of the Department of Education, one an Inspector of Public Hospitals who is a physician, one an Inspector of Training Schools, one a physician. In the event of there being a Director of Nurses’ Registration, this officer shall be a member.”

#### TERM OF OFFICE

“The Inspector of Public Hospitals, Director of Nurses’ Registration, Inspector of Training Schools, shall be members of the Council of Nurse Education *ex officio*. The other members of the Council shall be appointed for periods as follows:

- (a) One nurse for three years;
- (b) One nurse for two years;
- (c) One nurse for one year;
- (d) The other member or members for periods to insure that not more than one of them retires each year.”

The personnel of the newly appointed Council is as follows:

MISS E. M. MCKEE, Chairman	
DR. B. T. MCGHIE, Vice-Chairman	
MISS PRISCILLA CAMPBELL	
MISS GERTRUDE BENNETT,	
DR. DUNCAN MCARTHUR	
DR. W. J. BELL	
INSPECTOR OF PUBLIC HOSPITALS	} <i>ex officio</i>
INSPECTOR OF TRAINING SCHOOLS	

#### PRACTICAL EXAMINATION

Previous to the November examination it was considered advisable to send a circular to the training schools regarding the practical examination.

It was quite apparent from the replies that this examination is considered by the majority of those assisting at the practical examination to be an oral one in Medical, Surgical and Obstretical Nursing rather than a demonstration of technique.

It was, therefore, thought wise to reply to the various schools pointing out this error and at the same time emphasize the fact that the questions and answers sent out by the Inspector are not arbitrary but are to serve as a guide to the examiners.

It was decided to accept the three procedures which most frequently appeared in the suggestions from the various schools.

#### EXAMINATION OF STUDENTS IN PRACTICAL NURSING—IN TORONTO SCHOOLS

Recently it was reported that the Toronto Schools had objected to the lack of uniformity in the standard of examination in Demonstration of Nursing Technique and they requested that examination be made by an official of the Division rather than through the gratuitous services of the training schools of local hospitals. This service was made possible for all Toronto training schools whose pupils will sit for the May examinations.

This arrangement has been satisfactory to the schools and it is hoped that it may be possible in time to extend this service to hospitals in other parts of the Province.

#### RAISING OF ENTRANCE STANDARD TO SCHOOLS OF NURSING

It was agreed that the educational requirements for admission to schools of nursing be raised and it was recommended that the minimum educational requirements for admission to an approved school be that of Junior Matriculation as set by the Department of Education for the Province of Ontario.

#### PROVISION FOR REGISTRATION OF GRADUATES OF AMERICAN SCHOOLS NOT REGISTERED IN THE UNITED STATES

During the past few months several requests have been received for registration by examination from Canadian nurses who had completed training in the United States but who found it impossible to take examination in the United States on account of an amendment to the Education Law in relation to the qualifications of registered nurses.

The clause which disqualified these nurses required that a nurse be a citizen of the United States of America or shall have made application to become a citizen of the United States before September 1, 1935.

Provision will now be made in Ontario for nurses who have found themselves in such a situation, but this permission does not apply to any Canadian citizen commencing training in an American hospital subsequent to September 1, 1935.

#### REQUESTS RECEIVED FOR EXAMINATION IN ONTARIO FOR NURSES TRAINED IN OTHER PROVINCES BUT NOT REGISTERED THEREIN

It was decided not to accept such candidates for the Ontario Examination but to make provision for their examination in Ontario by their respective Examining Boards.

## DIVISION OF PUBLIC HEALTH EDUCATION

MISS MARY POWER, B.A., Director

The quantity of literature distributed during the year was greater than the previous year. The Baby Book and Health Almanac continued to lead in popularity the leaflets requested by the public.

The Vaccination Act and the Public Health Act and Regulations, together with other legislation, have been in constant demand by health workers throughout the Province. A supply has also been forwarded for use of the undergraduates in Medical courses at the University of Toronto University of Western Ontario and Queen's University.

There have been a great many changes in the list of Medical Officers of Health, and a budget of the Department's publications is sent to each new appointee.

## ONTARIO HEALTH OFFICERS' ASSOCIATION

The Twentieth Annual Conference of the Ontario Health Officers' Association, presided over by Dr. J. J. McCann, Medical Officer of Health, Renfrew, was most successful. The meeting was held in conjunction with the Ontario Medical Association. The total registration of 412 included 353 Medical Officers of Health in active service.

The following business was enacted: The Resolutions Committee, under chairmanship of Dr. D. V. Currey, St. Catharines, submitted three motions, viz.:

- (1) That the Secretary be instructed to tender to Dr. and Mrs. Woolner the deepest sympathy of the Officers and Members of this Association, and that a letter expressing their sympathy be addressed to Dr. and Mrs. Woolner.
- (2) That the Round Table Conference next year be held at 12.15 p.m. on the second day of the Convention.
- (3) That the Association invite the Ontario Medical Association to appoint two members to meet with four members appointed by this Executive to discuss remuneration for part-time Health Officers, and that a report be brought in by this combined committee at our next regular meeting.

The Committee on Nominations brought in their report which was adopted unanimously, with the resulting election of the following executive for 1935:

*President*—DR. WARD WOOLNER, Ayr  
*1st Vice-President*—DR. T. J. MCNALLY, London  
*2nd Vice-President*—DR. A. E. RANNEY, North Bay  
*Secretary*—MISS MARY POWER, Toronto

A detailed programme of the Conference appears below:

## PROGRAMME

*Daylight Saving  
Time*

*Monday Morning—Concert Hall*

- 9.00 a.m.—Registration.
- 10.15 a.m.—1. "Efforts in Health Education in a Small City"—Dr. D. V. Currey, Medical Officer of Health, St. Catharines.  
Discussion.
2. "Compensable and Non-Compensable Diseases in Ontario"—Dr. J. G. Cunningham, Ontario Department of Health.
3. "Recent Health Legislation in Ontario"—Dr. W. J. Bell, Deputy Minister of Health.  
Discussion.  
Appointment of Committees.
- 11.30 a.m.—Address of Welcome—His Worship, Mayor Stewart.

*Monday Afternoon—Concert Hall*

- 2.15 p.m.—1. "What are the Objectives of a Public Health Programme and What is the Local Medical Officer of Health Doing Towards Attaining Those Objectives?"—Honourable John M. Robb, Minister of Health and Labour.
2. Presidential Address—Dr. J. J. McCann, Medical Officer of Health, Renfrew
3. "What the Dairyman Expects from the Medical Officer of Health"—Mr. W. C. Forster, President, National Dairy Council of Canada.
4. "Tuberculosis—Problems Associated with Diagnosis"—Dr. G. C. Brink, Ontario Department of Health.
5. "Amoebic Dysentery"—Dr. F. B. Bowman, Hamilton.  
Discussion—Dr. W. B. McClure, Ontario Department of Health.
- 3.30 p.m.—Round Table Conference—Dinner—Roof Garden.  
Topics: (1) "Cost of Health Services in Comparison with Other Municipal Activities"—Dr. J. T. Phair.
- (2) "Screening to Determine who is Eligible for Free Health Service"—Dr. F. J. Conboy.
- (3) "Health Demonstration in Eastern Counties"—Dr. W. J. Bell
- (4) Statement regarding Quarantine Period for Scarlet Fever—Dr. A. L. McKay.
- (5) More Adequate Remuneration for the Part-Time Health Officer—Dr. W. E. George, District Officer of Health.

*Tuesday Morning—Private Dining Rooms*

- 9.15 a.m.—Demonstrations.  
Plan: Each demonstration will take 40 minutes; 10 minutes will be allowed for change. The schedule will be strictly adhered to; each demonstration will close promptly and will open sharp on time.
1. Sanitary Engineering:  
(a) Interpretation of Water Analyses.  
(b) Milk Control Problems  
(c) Drainage Problems and Nuisances.
2. Laboratories:  
(a) Hints on Submitting Specimens.  
(b) The Combined Dark Field Outfit.  
(c) Food Inspection—Parasitic and Diseased Lesions in Meat.  
(d) Microphotographs—some of the Common Pathogenic Organisms.
3. Preventable Diseases:  
Tuberculosis—Skin Test; Medical Examination of Patient (10 minutes); X-ray Films.
4. Preventable Diseases:  
Administration and Interpretation of Dick Test, Schick Test, Vaccination and Smallpox Immunity Reaction.
5. Industrial Hygiene:  
(a) Dust Determination.  
(b) Lighting.  
(c) Carbon Monoxide.



## 6. Dental Services:

- (a) How to Make a Mouth Inspection.
- (b) Interpretation of X-rays of the Mouth.
- (c) Mouth Conditions May Cause Systemic Infection.

*Tuesday Afternoon—Concert Hall*

- 2.15 p.m.—1. "Ice Supplies and Associated Health Problems"—Dr. A. E. Berry, Ontario Department of Health.
2. "Trench Mouth, a Public Health Problem of Major Importance"—Dr. Harold K. Box, Honorary Consultant to Ontario Department of Health.
3. "Insurance and Public Health"—Mr. H. H. Wolfenden, Consulting Actuary and Statistician.
4. "Syphilis, Diagnosis and Treatment"—Dr. A. L. McKay and Dr. A. L. McNabb, Ontario Department of Health.
5. "Report on 100 Obstretical Cases in a Rural Practice"—Dr. A. F. McKenzie, Monkton, Ontario.
- Reports and Resolutions; Elections of Officers.

*Wednesday, May 30th*

## Joint Meeting with the Ontario Medical Association

## Division A

- 9.30 a.m.—1. "Practical Antirachitic Measures—The Relative Value of Cod Liver Oil, Viosterol and Irradiated Milk"—Dr. T. G. Drake, Toronto.
2. "Recent Investigations in Whooping Cough"—Dr. D. T. Fraser and Dr. L. N. Silverthorne, Toronto.
3. "Behaviour Problems in Children"—Dr. W. E. Blatz, Toronto.
4. "Scarlet Fever"—Dr. Beverley Hannah, Toronto.
5. "Early Diagnosis Essential for the Prevention and Treatment of Tuberculosis"—Dr. W. J. Dobbie, Weston.
6. "Prognosis in Dry Pleurisy and Pleurisy with Effusion"—Dr. D. W. Crombie, London.

## Division B

- 9.30 a.m.—1. "Congenital Lesions of the Genito-Urinary Tract"—Dr. R. M. Wansbrough, Toronto.
2. "The Co-relation of the Pathological and the Surgical"—Dr. J. K. McGregor, Hamilton.
3. "Transurethral Resection of the Prostate"—Dr. J. C. McClelland, Toronto.
4. "Manipulative Surgery"—Dr. W. J. Gardiner, Toronto.
5. "The Prevention of Goitre"—Dr. Alex Sinclair, Sault Ste. Marie.
6. "Electro-Cardiography in General Practice"—Dr. Ford Connell, Kingston.
- 12.45 p.m.—Luncheon. Speaker to be announced later.

*Wednesday Afternoon*

- 2.30 p.m.—1. "Haematuria"—Mr. J. Swift Joly, London, England.
2. "Corrective Helps for Progressive Deafness"—Dr. Gordon Berry, Worcester, Mass.
3. "Maternal Welfare in Ontario"—Dr. W. B. Hendry, Toronto.
4. "Maternal Mortality in Ontario—A Statistical Study"—Dr. J. T. Phair and Dr. A. H. Sellers, Toronto.
- 4.00 p.m.—Garden Party.
- 7.00 p.m.—Alumni Dinner—Class Reunions

## HEALTH EDUCATION IN SCHOOLS

During 1934 the Joint Committee of the Department of Education and the Department of Health continued to function. The second Summer Course in Health Teaching was provided for teachers in elementary schools. This course was organized by the Department of Education under the principalship of Dr. J. T. Phair, Director, Division of Child Hygiene, Department of Health. The registration totalled fifty-two.

The Handbook has been a matter for discussion and experiment during the last three years. In a tentative form it is being tried out this year by inspectors and selected teachers, as well as the students of the two Summer Courses. One other activity of the Division has been the extension of service to teachers during the current school year. Material has been supplied according to the list given below.

I. *Regular Mailing List:*

Inspectors and Teachers—469

Budgets of material sent without charge to the above—800 pkgs. (approximate)

Loan Service of small exhibits, projects, texts, etc. to the above—120

II. *Special Mailing List:*

(a) Teachers; Budgets sent upon request—163

(b) Nurses; Budgets sent upon request—63

III. *Ottawa Normal School, Demonstration*

Material sent to Instructor of Hygiene for 250 students; number of references, pamphlets, etc., sent for the above—5,500

## HEALTH EXHIBITS

The Department was called upon during the year by various organizations to show health exhibits at the following centres under the respective auspices:

CENTRE	WHERE SHOWN	AUSPICES
Toronto.....	Royal York Hotel.....	American Waterworks Association
Toronto.....	Royal York Hotel.....	Industrial Accident Prevention
Toronto.....	Royal York Hotel.....	Ontario Dental Association
Toronto.....	Royal York Hotel.....	Ontario Health Officers' Association
West York.....	School.....	Public Health Nurse
Simcoe.....	Fall Fair.....	Public Health Nurse
Ottawa.....	Normal School.....	Hygiene Instructor
Wexford.....	Maryvale Farm.....	International Plowing Match
Toronto.....	Royal York Hotel.....	Ontario Hospitals' Association
North Bay.....	Health Exhibit.....	Public Health Nurse
Scarborough.....	High School.....	Science Instructor
Sudbury.....	Public School.....	School Nurse
Simcoe.....	Health Exhibit.....	Medical Officer of Health

## LOAN POSTER SERVICE

During the year we have endeavoured to give to local health workers assistance in the way of supplying material on loan. Our policy is to require that all requests for health education material must come through the Medical Officer of Health. In addition to exhibits set up by the Department, we have

forwarded budgets to the number of one hundred and seventy-seven to the agencies listed below:

Medical Officers of Health.....	10
Public Health Nurses (local).....	36
Provincial Health Nurses.....	11
Sanitary Inspectors.....	1
Hospitals.....	2
Victorian Order of Nurses.....	3
Women's Institutes.....	6
Red Cross Society.....	3
Miscellaneous.....	7
Plowing Match.....	1

### HEALTH FILMS

We have been unable to accept all the invitations we have received this year to show moving pictures on health subjects. We have however, been able to complete the following schedule:

DATE	CENTRE	AUSPICES
Jan. 8, 13.....	Toronto.....	Y.W.C.A. Health Week
Jan. 18.....	Toronto.....	Biochemical Society
Jan. 23.....	Toronto.....	School of Hygiene
Feb. 2.....	Toronto.....	Yorkminster Church
Feb. 21.....	Toronto.....	City Department of Health
Mar. 12.....	Toronto.....	Nurses of Mothercraft Centre
Mar. 13.....	Keswick.....	Dr. Leroy, D.D.S.
Mar. 13.....	Sutton.....	Dr. Leroy, D.D.S.
Mar. 13.....	Belhaven.....	Dr. Leroy, D.D.S.
Mar. 17.....	Toronto.....	Cancer Committee
Mar. 19.....	Hamilton.....	District Women's Institute
Apr. 3, 4, 5.....	Toronto.....	Ontario Education Association Annual Meeting
Apr. 27.....	Toronto.....	Ontario Laennec Society
May 1, 2.....	Pictou.....	Medical Officer of Health
May 11.....	Windsor.....	Medical Officer of Health
May 25, 26.....	Dundalk.....	Medical Officer of Health
May 31.....	Bowmanville.....	Public Health Nurse
June 8.....	Proton Township.....	Dr. Marshall, D.D.S (3 Schools)
June 20.....	Beaverton.....	School Board
June 30.....	Kirkfield.....	Medical Officer of Health
Oct. 5.....	Arnprior.....	Dr. D. L. MacKerracher, D.D.S.
Oct. 9, 12.....	Wexford.....	International Plowing Match
Oct. 00.....	Beaverton.....	Medical Officer of Health
Nov. 16.....	Toronto.....	Ontario Laennec Society
Dec. 2.....	Toronto.....	Dr. Wachna—Ukrainian Hall
Dec. 7.....	Toronto.....	Dr. Dyke—Y.W.C.A.
Dec. 20.....	Toronto.....	Dr. Buriak—Prosila Hall

### REPORT OF CANCER CONTROL

By JOHN W. S. McCULLOUGH, M.D., D.P.H., Chief Inspector of Health  
and JOHN D. LEITCH, B.S., M.A., *Physicist*.

Following the recommendations of the Royal Commission on the Use of Radium and X-Rays appointed in May, 1931, Radio-therapeutic Institutes have been set up under statutory agreements at Toronto General Hospital, Kingston General Hospital, and Victoria Hospital, London. Further clinics have been established at Hamilton General Hospital and Civic Hospital, Ottawa.

Annual subsidies for a period of ten years are being provided as follows: \$45,000.00 to the Toronto Institute and \$9,000.00 each to Kingston and London.

The agreements with the respective Institutes call for the provision of adequate staffs, X-ray equipment, complete records and reports, and, in the case of Toronto, 50 beds, and of Kingston and London, 20 beds each. These beds are primarily for the poor.

In January, 1933, the Department received its first order of radium element, and in August of the same year the first delivery of Canadian radium was received from Eldorado Gold Mines, Limited. During 1933 the total amount of radium purchased by the Department was 740 mg., while in 1934 an additional 1845 mg. was purchased, in addition to the rental of four grams for use in the "radium bomb" at Toronto General Hospital. The total cost of radium up to the end of 1934 was approximately \$135,000.00.

The following table shows in detail the radium purchases made by the Department and the distribution throughout the province.—

Location	Amount	Date Received	Source	Approx. Cost
TORONTO . . . .	198 mg. . . . .	Jan., 1933	Radium Belge	\$ 10,000 00
	590 mg. . . . .	Jan., 1934	Eldorado G. M.	35,000 00
	4000 mg. (on loan)	March 1934	Radium Belge —annual rental	12,000 00
KINGSTON . . . .	140 mg. . . . .	May, 1933	Private doctors	\$ 7,000 00
	75 mg. . . . .	Aug., 1933	Eldorado G. M.	4,000 00
	45 mg. . . . .	Jan., 1934	Eldorado G. M.	2,500 00
	50 mg. (refilled)	Sept., 1934	Private doctors	2,500 00
	100 mg. . . . .	Oct., 1934	Eldorado G. M.	5,000 00
LONDON . . . . .	300 mg. . . . .	Oct., 1934	Eldorado G. M.	\$ 15,000 00

HAMILTON . . .	25 mg. . . . .	Dec., 1933	Private doctors	\$ 1,250 00
	95 mg. . . . .	Jan., 1934	Private doctors	5,000 00
	30 mg. . . . .	March, 1934	Private doctors	1,500 00
	30 mg. . . . .	Jan., 1934	Eldorado G. M.	1,500 00
	105 mg. (refilled)	Sept., 1934	Private doctors	5,000 00
<hr/>				
OTTAWA . . . .	200 mg. . . . .	Sept., 1934	Eldorado G. M.	\$ 10,000 00
	300 mg. (refilled)	Dec., 1934	Private doctors	15,000 00
<hr/>				
RADIUM EMAN- ATION PLANT	302 mg. . . . .	Jan., 1933	Radium Belge	\$ 15,000 00

The erection of a radium emanation plant at the Physics Department of the University of Toronto, was completed in February, 1933. Since then emanation has been distributed to the various clinics and to private doctors as follows:

## MILLICURES DISTRIBUTED

Year	Clinics	Private Doctors	Approximate Revenue from Private Doctors
1933 . . . . .	1565	2070	\$ 800 00
1934 . . . . .	2645	3475	1,400 00

The emanation was supplied free to the clinics, and at a charge of \$1.00 per millicure to private doctors for the treatment of pay patients.

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During 1932, '33 and '34, Dr. J. S. W. McCullough, Chief Inspector of Health, has delivered approximately 200 lectures throughout the province. These lectures consist of a half-hour talk on the early signs of cancer and the methods of treatment. Each lecture is illustrated by the use of motion-pictures and the free distribution of literature. Approximately 100,000 of each of the following pamphlets have been distributed:

"What everyone should know about cancer."

"Cancer of the mouth."

"Important facts for women about tumours."

"A word to you about cancer."

"The prevention of cancer."

"The doctor and the cancer patient."

## CANCER COMMITTEE

In November, 1934, at the invitation of the Honourable Dr. J. A. Faulkner, Minister of Health, a Cancer Committee was formed for the purpose of advising the Department regarding the Cancer Problem. The personnel of the Committee consisted of authorities on radiology, surgery, dentistry, pathology and physics, chosen mostly from the various university centres throughout the province.

The main recommendations of this general Committee will deal with the following aspects of the cancer problem:

- (1) *Education* of the profession and the lay public.
- (2) *Diagnosis, Treatment and Records.*
- (3) *Control* of the use of Radium and X-rays in the province.
- (4) *Research*, both statistical and fundamental.

# SIXTY-SEVENTH ANNUAL REPORT

OF THE

HOSPITALS DIVISION  
DEPARTMENT OF HEALTH

UPON THE

## Ontario Hospitals for the Mentally Ill, Mentally Subnormal and Epileptic

OF THE

PROVINCE OF ONTARIO

Being for the Year which Ended 31st October

# 1934

PRINTED BY ORDER OF

THE LEGISLATIVE ASSEMBLY OF ONTARIO



ONTARIO

TORONTO

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1935





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TO THE HONOURABLE HERBERT ALEXANDER BRUCE,  
*Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Sixty-seventh Annual Report of the Hospitals Division, Department of Health, upon the Ontario Hospitals for the Mentally Ill, Mentally Subnormal and Epileptic for the year ended 31st October, 1934.

Respectfully submitted,

J. A. FAULKNER,  
*Minister.*

HON. J. A. FAULKNER, M.D.,  
*Minister, Department of Health,*  
Parliament Buildings, Toronto.

HONOURABLE SIR:—

I have the honour to present herewith the sixty-seventh Annual Report of the Ontario Hospitals for the year ending October 31st, 1934.

During the year special efforts were made to curtail the cost of operating the Ontario Hospitals and no new buildings and extensions were completed. Nevertheless, the total number of patients on the books of the hospitals during the year 1934 represents an increase over the previous year of nearly 650 (7%).

This increase presented a serious problem which could be met only partly by increasing bed accommodation in existing hospitals. The possibility of caring for patients outside the hospitals proper was greatly extended by the adoption of the policy of placing carefully selected patients in approved "boarding" homes, where their supervision could be carried on by the out-patient staff of the hospitals but where their maintenance was much less expensive.

The re-establishment of improved or recovered patients from mental hospitals has been made increasingly difficult by general economic conditions. Employment is difficult to secure. Relatives are experiencing increased financial difficulties and organized agencies such as Houses of Refuge, which were previously available, are now scarcely able to cope with their own local problems. In spite of these difficulties, intensive efforts directed toward the release of such patients from mental hospitals have resulted in the placing of more than 800 patients on probation during the year.

The continuation and development of the unit for tuberculous mental patients at the Ontario Hospital, New Toronto, has been of great value for both patients and staff in segregating and providing special treatment for this type of patient.

The extension of a psychiatric consultation service to the community by means of travelling mental health clinics has done much to prevent further increase in the incidence of mental illness, and has made possible the treatment of many of the less severe mental problems without admission to hospital.

Respectfully submitted.

B. T. MCGHIE, M.D.,  
*Deputy Minister of Hospitals.*



## ONTARIO HOSPITAL, BROCKVILLE

*C. S. Tennant, M.D.—Superintendent*

### *1. Relating to the care and treatment of patients:*

An important addition to the facilities for the care and treatment of patients was the installation recently of new X-ray equipment. Extensive use of this is being made under the direction of Dr. H. C. Moorehouse.

In addition to the usual probation placements the boarding-out scheme for patients has been put in operation in a fairly limited way, only thirteen patients having been placed.

The occupational and vocational work is gradually increasing in its field of usefulness not only in increasing the number of patients treated, but serving the hospital better by manufacturing chiefly articles which can be used to beautify and make the wards more comfortable.

Recreational therapy has been extended by including physical training in selected groups and with the addition of another trained instructor it is hoped that this work can be increased even more during the coming year. Every effort is being made to provide activity in the way of work and recreation for the greatest possible number.

The fullest use of clinical treatment facilities is made. Over five thousand surgical operations, examinations and treatments of various kinds were carried out during the year.

### *2. Relating to Staff, Administration and Buildings:*

The following staff changes were made during the year:—Dr. C. S. Tennant succeeded Dr. D. R. Fletcher who was transferred to the Superintendency of the Ontario Hospital, Whitby; Dr. J. G. Dewan was transferred to the Psychiatric Hospital, Toronto; Dr. H. C. Moorehouse returned to staff from the Psychiatric Hospital, Toronto; Dr. D. A. Harvie was appointed to the staff; Mr. Wm. Reilly, chief attendant, Mr. Charles Landon, tinsmith, and attendant Thomas Boville, were superannuated; Mr. Thomas M. Plunkett died following a motor accident.

The work on a new central heating plant has been going forward.

The Mental Health Clinic has been steadily accomplishing more work (which has almost doubled over the previous year) and their efforts in the district are well appreciated.

A weekly conference has been established with the workers of both Juvenile and Family Courts, which is open to other social workers and to all interested persons.

In connection with the hospital, the clinic has been doing extensive supervision of patients on probation. The records show that they have made 232 interviews and home visits to 150 probationers. They have also made 190 interviews and visits regarding patients in hospital or patients proposed for admission.

## ONTARIO HOSPITAL, COBOURG

G. C. Kidd, M.B.,—*Superintendent*

1. *Relating to the care and treatment of patients:*

Marking the commencement of a new period in the history of this hospital was the decision about a year ago to establish, by gradual development, a Training School for Defective Girls having an I.Q. of 50 or over and who were beyond the age to benefit by further academic instruction. As an initial move approximately 100 psychotic patients were moved to other hospitals, following which the necessary class-rooms were provided. A group of patients accompanied by trained staff was transferred from the Orillia Hospital and in March 1934 the new unit was functioning. Additional equipment has been added from time to time and it is hoped that as other accommodation becomes available, more and more of the psychotic group will be moved until the resident population is made up entirely of the type of patient described above.

As a means of returning suitable patients to the community and in addition to the usual probation placements, the boarding-out system has been adopted and followed with success for some months. Further, a limited number of trained girls have been placed in homes throughout the town as domestics and others who are thought suitable after a preliminary trial period, have been transferred to Lorimer Lodge in Toronto with the prospect of ultimate discharge to the community. Perhaps the most gratifying result of this programme is the increased interest exhibited by those remaining in the Hospital.

As part of the training programme the Occupational Therapy Department gives invaluable assistance and this assistance is also available insofar as the treatment of the mentally ill group is concerned. These latter cases, as improvement becomes evident, are enrolled in the Training School where the opportunity is afforded them of engaging in more advanced work.

Recreation has been developed to a greater degree than ever before. Softball, tennis, picnics, hiking and swimming are among the more important outdoor activities. Indoors a library, radio and physical training classes are available.

Treatment facilities available are used to the fullest extent. During the year between seven and eight hundred operations, examinations and treatments were carried out in the operating room.

2. *Relating to Staff, Administration and Buildings:*

The following staff changes occurred during the year:—Dr. W. A. Cardwell, Assistant Physician at Cobourg since August, 1929, was transferred to the Ontario Hospital, Whitby; Dr. E. A. James, Senior Assistant Physician, Ontario Hospital, London, joined the staff at Cobourg; Dr. Betty Etheridge was transferred from Ontario Hospital, Whitby, to Cobourg; Miss Mary Rosseter was appointed as Occupational Interne and Misses Margaret Daley and Marjory Rean joined the staff as Psychological Internes; Miss Martha Kirkpatrick and Mr. William Sanders were superannuated after years of faithful service in their respective departments.

No extensive construction work was undertaken at this centre during the year, but considerable repair work was carried on. Alterations had to do mainly with the provision of classrooms for the newly organized training school and very satisfactory and well equipped rooms were provided, including hair dressing parlor, weaving room, lecture room and demonstration dining room. Repairs included work on the buildings, heating system, electrical system and general maintenances.

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## ONTARIO HOSPITAL, HAMILTON

*J. J. Williams, M.D., Superintendent*

### *1. Relating to the care and treatment of patients:*

During the past year six additional dormitories were opened. These dormitories are from eight to twelve bed capacity and are under constant supervision by a nurse. One dormitory has been set aside for patients who are underweight and another one for patients who are under observation for pulmonary tuberculosis.

The usual visits were made on patients on probation during which the patients were interviewed and their mental and physical condition noted. The social service workers also called on patients on probation from the Ontario Hospitals at Brockville, Whitby, Orillia, Woodstock and London.

Some working activities under supervision have been provided for the patients, thus extending the scope of occupational therapy. Classes have been held on the wards in addition to those held in the occupational therapy centre.

A clinic in gynæcology was held each week at which all new admissions and all referred cases were examined. Hydrotherapy was used to a much greater extent during the past year. Malarial therapy was used in the treatment of schizophrenia.

### *2. Relating to Staff, Administration and Buildings:*

The following staff changes were made during the year:—Dr. Doyle succeeded Dr. Kreiner as Director of the Mental Health Clinic. Later Dr. Doyle went to the Psychiatric Hospital, Toronto, for post-graduate study and Dr. Brilinger, returning from that hospital, took over the Clinic. Dr. Weber returned from the Ontario Hospital, Penetanguishene. Miss Lucas returned from a post-graduate course. Dr. Wilson was transferred to the Ontario Hospital, Mimico. Miss Oliver, Social Worker, was transferred to the Ontario Hospital, Mimico.

The East House was completely modernized and made fireproof, to be used as an admission psychiatric unit.

The fire stairs at Orchard House were completed.

The work of the Mental Health Clinic has undergone considerable change during the year. Not only has the personnel of the clinic itself been changed, but a reorganization of clinic policy and programme has been made possible by the action of the Hamilton Board of Health in moving towards the establishment of a separate local clinic to meet the increasing demands for this type of service

in the City of Hamilton. Our clinic continues to assist in the local city clinic for one day a week, but is now free to devote more time to other centres in the district where the demands for clinic assistance have likewise been increasing.

A strenuous effort has been made to increase the proportion of clinic effort directed toward the follow-up treatment of return cases and to emphasize direct therapy by the clinic rather than diagnosis and recommendations to those referring cases.

General community education forms an important aspect of the clinic work. This has involved not only frequent lectures to clubs, societies and other organized groups in the area served, but also definite courses of instruction to groups of nurses throughout the district.

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## ONTARIO HOSPITAL, KINGSTON

*T. D. Cumberland, M.D., Superintendent*

### *1. Relating to the care and treatment of patients:*

During the last year there was an average of sixty patients per month on probation. As many as possible of these were visited and interviewed during their period of probation. The patients who were placed in boarding homes throughout the community were also visited regularly and supervised.

There are five work rooms in use by the Occupational Therapy Department at this institution, and in addition to the five classes being held in these rooms, two classes are also held on the wards. The principle of training patients in pre-industrial work has been strictly adhered to in order to equip them to advance in the more difficult work in the industrial centres in the institution.

A determined effort has been made to eliminate tuberculosis amongst the patients, and all patients found to be suffering from this disease are transferred to the Ontario Hospital, Mimico, and all suspects are isolated in a special ward.

### *2. Relating to Staff, Administration and Buildings:*

Dr. Glen Burton was transferred temporarily to take a post-graduate course at the Psychiatric Hospital, Toronto. Dr. John A. MacLeod died on August 20th, 1934. Dr. Dudley Hill was appointed as graduate medical interne. Mr. R. S. Graham, Steward, was superannuated and was succeeded by Mr. C. R. Wartman. Miss Amy Coon, R.N., Instructress of the Training School, resigned and was succeeded by Miss Marion Crawford, R.N. Mr. R. J. Jones, Herdsman, resigned, and Mr. Geo. O'Brien was appointed to his place. Mr. Jos. Forsythe, Chief Engineer, was superannuated and was replaced by Mr. James Brown. Mr. Alfred Poutney was superannuated. Mr. Wm. Good, Gardener, died on May 15th, 1934.

The remodelling of Beechgrove is nearly completed. Two additions were built in connection with the operating room. The autopsy room was remodelled and a new laboratory constructed, and the buildings generally remodelled.



The Mental Health Clinic is endeavouring to keep in touch with and actively treat as many suitable cases as is possible. The results that are obtained in the district are repaying the clinic for the efforts that are expended in this phase of work.

Considerable landscape work has been done this year, which adds greatly to the appearance of the hospital grounds.

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## ONTARIO HOSPITAL, LONDON

*G. H. Stevenson, M.D., Superintendent*

### *1. Relating to the care and treatment of patients:*

The arrangements authorized over a year ago for the care of the quiet uncovered patients in private homes are now bearing fruit. At the 31st of October, 1934, 33 patients, 10 men and 23 women, were placed in selected homes.

### *2. Relating to Staff, Administration and Buildings:*

On July 10th, 1934, Dr. F. S. Vrooman, superintendent since 1929, passed away, and Dr. G. H. Stevenson was transferred from the Ontario Hospital, Whitby, as his successor. Dr. J. R. McGeoch was transferred from the Ontario Hospital, Whitby. Dr. A. K. Mainse and Dr. T. J. McNally were appointed to the staff. Dr. J. R. Howitt was transferred to the Ontario Hospital, Toronto. Dr. E. A. James was transferred to the Ontario Hospital, Cobourg, and Dr. C. A. McClenahan was transferred to the Ontario Hospital, Penetanguishene, as Superintendent. Dr. E. R. Ellicott resigned.

Rather extensive repairs have been undertaken. The fire stairs on the women's side of the building have been completed. There are now three fire stairs on each side of the building. Two sets of fire stairs have also been completed at the North building, one on each side. A fireproof stair and elevator have also been installed to serve the dining rooms in the main building. A new tunnel has been constructed between the infirmary and the North building to carry the various service lines.

Under the able direction of Dr. S. G. Chalk, with Miss Thurza Kirkland and Mrs. Margaret McArthur, social workers, and Miss Ruth Lewis, psychologist, the clinic has done excellent work in the area served by this hospital. In addition to the usual clinic work, Dr. Chalk has assisted in the teaching of Psychiatry in the Faculty of Medicine, and Miss Lewis has taken part in the Psychology course, instructing in clinical Psychology. A speech training class is conducted weekly at the Institute of Public Health by Miss Lewis.

## ONTARIO HOSPITAL, MIMICO

*H. A. McKay, M.D., Superintendent*

*1. Relating to the care and treatment of patients:*

During the year 1934 important additions were made towards the care and treatment of patients. These included the installation of new equipment in the operating room, X-ray room and dental operating room.

In addition to the usual number of patients on probation, there is a total of eighty patients boarding-out. This new system has advanced and application to obtain patients suitable for boarding-out are being received from many homes.

A large number of patients have had instruction in Occupational Therapy, particular attention being given to bed patients in the admission wards, and the chest unit. Some work has also been carried out with patients in boarding homes. Gratifying results have marked the physical training programme carried out with patients in the Assembly Hall during the winter months and outside during the summer.

*2. Relating to Staff, Administration and Buildings:*

Dr. K. G. Gray returned from his work at the Psychiatric Hospital, Toronto. Dr. G. W. Telfer is taking post-graduate work at the Psychiatric Hospital, Toronto. Miss E. R. Dick, Superintendent of Nurses, was transferred to the Psychiatric Hospital, Toronto, her place being filled by Miss A. M. Colston, Acting Superintendent of Nurses. Mr. M. F. Scanlon was superannuated.

Training in the nursing course for attendants has been carried out satisfactorily, six attendants having passed their first year examination. Four other attendants have also started this two year course of training. The regular training course for attendants was started during the summer with twenty-eight of the junior men enrolled.

The building and alteration programme has progressed. Additional office space has been obtained, and the renovation of Cottages "1" and "2" has been completed. Renovation of Cottage "A" is nearing completion and work progressing on the connecting link between Cottage "A" and Cottage "B".

The Mental Health Clinic has continued the development of a community consultation service in mental hygiene. The three large reformatory institutions in the district continue to make heavy demands on clinic time, but an increasing number of cases are being referred by family physicians throughout the area served.

The follow-up treatment and supervision of hospital patients has become a very important part of the clinic's responsibility. During the year 150 visits were made in connection with patients on probation and, in addition, some eighty patients in boarding homes were supervised by the clinic.

## ONTARIO HOSPITAL, ORILLIA

*S. J. W. Horne, M.D., Superintendent*

*1. Relating to the care and treatment of patients:*

During the past year the efforts expended in training and placing patients on probation have reached the point where there is a waiting list of employers who are anxious to have the girls for domestic work. In this connection, Lorimer Lodge has been of untold assistance in placing the girls in Toronto. Owing to economic conditions, the placing of boys has not been as successful as that of girls, although a number of the boys were sent to colony houses at the Ontario Hospital, Woodstock, London and Whitby. A few boys have also been placed with farmers in the locality with success. Close touch has been kept on all patients on probation and monthly reports have been made on their progress.

As the whole training programme is Occupational, it is difficult to particularly designate any special feature in so far as patient occupation is concerned. Patients have been well occupied during the past year in addition to the construction work contained in the rehabilitation of the Recreation Hall and the installation of the water main. The acreage of the garden was increased by eight acres, which demanded a large number of high grade boys. A large number of imbecile patients were placed with the Landscape Gardener, Farmer, and at the coal pile. During the holiday season the school boys were kept well occupied at various tasks, such as picking berries, weeding, etc., when there was an average of over thirty patients per day working with utility men. For the girls, the establishment of Junior Vocational groups enlarged the number of patients occupied in the Household science class and the sewing room.

The school programme has been completely re-organized through the co-operation of the teachers with the assistance of Mr. C. Roger Myers, Consultant Psychologist, who have practically revolutionized the whole school system, still maintaining the basic objective of the Academic school, namely, to teach the minimum of academic skill which will be actually useful to the pupil. Several changes were made in the programme, which are briefly as follows.

Thirteen teachers, twelve of which are allotted full time work in the Upper School. This gives over 200 high grade pupils full time schooling; formerly they had spare periods. In addition there has been established two Junior Vocational Groups, one for girls and one for boys, which are a bridge between the Academic school and the Occupational training with a view to probation. The girls are instructed in sewing and household science and the boys in manual training and agriculture.

One teacher conducts a study room where the pupils work at assignments given by the various teachers. This room is designed to develop the pupil in self-reliance and initiative as well as to help the individual pupil over his particular difficulties.

The above programme is developed for prospective probationers and this has necessitated the further development of Ward schools, both for girls and boys. The Ward school programme is as complete and well established as that of the

Academic school. The programme is briefly as follows:—Preliminary training is given in the Ward schools, from which the patient progresses to the training yards, which is a bridge between the Ward school and Institutional occupations.

The recreational programme and activities increase from year to year. In addition to the activities which have been reported previously, a new bathing beach has been developed, which gives separate beaches for girls and boys. Through the establishment of this new beach as many as 300 girls and boys enjoy swimming with proper supervision at one time. The appointment of a Physical Instructress has meant the development of recreational and physical training for the low grades, both in the ward as well as on the playground, for both girls and boys.

During the summer over 100 boys had the pleasure of spending two weeks under canvas at the Boy Scout Camp at Sandy Beach. Over 100 girls camped on the lake shore for a period of two weeks. Baseball, lacrosse, volleyball and basketball leagues were formed as well as many other games. Sunday schools were established in the cottages, which fulfilled the needs of religious training while the Recreation Hall was being reconstructed.

The two major recreational events were the school picnic, which was held in June; the first half of which consisted of a pageant; the second half of sports, exhibitions, competitions, clowns and music; also the Christmas concert and festivities.

## 2. *Relating to Staff, Administration and Buildings:*

Dr. J. E. Sharpe returned to the staff in January after taking post-graduate work at the Toronto Psychiatric Hospital. Mr. Bracey, Physical Instructor, was transferred to the Ontario Hospital, Whitby, being replaced by Mr. R. Cole. Miss Jean McLachlan was appointed to the staff as Physical Instructress. Dr. C. V. Tisdale was attached as graduate interne.

Work in the Training School for Nurses progressed very favourably. A special course was arranged from May 6th to the 19th for twenty-seven post-graduate nurses from the Ontario Hospital, Whitby.

Special instruction was given to both nurses and attendants in so far as the care and training of the feeble-minded is concerned.

The building programme for the year consisted of the following: The rehabilitation of the Recreation Hall and construction of four fireproof exits were commenced late in 1933 and were far enough advanced by Christmas to enable the holding of the usual Christmas activities.

The second major project was the installation of a new water main, well, and enlargement of the existing Pump House. A new central reservoir was installed during the past summer.

The extreme winter of 1933-34 was responsible for about forty per cent. of the shrubs being winter killed. These were all pruned and in many instances replaced.

## ONTARIO HOSPITAL, PENETANGUISHENE

*C. A. McClenahan, M.B., Superintendent*

*1. Relating to the care and treatment of patients:*

A continuous bath was installed in Cottage "A" for male patients, which helps greatly in the care and treatment of excited cases.

In the absence of a Mental Health Clinic, any work necessary on patients on probation is referred to the neighbouring clinic operating in the district where the patient resides. These clinics have given very valuable service and report on patients on probation and also on the home conditions of those about to go on probation.

The vocational department is quite active and now has a class of thirty to forty patients daily. In the Criminal Insane Division, basketry, rug work, carpentry, fibre furniture work and mattress-making is carried on, especially in the Winter months.

In the Winter months weekly dances and picture shows are held at both the Main Building and the New Building. Football is the pastime perhaps most enjoyed by the largest number of the patients, with baseball also a great favourite, especially at the New Building. The closed rink at the old building and the open rink at the New Building provide ample opportunity for both skating, hockey and curling. The Second Field Day was held in the early part of September and proved an enjoyable event for Staff and patients.

The regular bi-yearly examination of patients by Dr. C. A. Wicks, in charge of the Tuberculosis Section, has eliminated all active cases of this disease.

There is a crowded dental clinic each week, as there is considerable dental work to be done among the newly admitted mental defective cases.

*2. Relating to Staff, Administration and Buildings:*

With the transfer of Dr. D. O. Lynch to Woodstock Hospital on September 1st, 1934, Dr. C. A. McClenahan was transferred from the Ontario Hospital, London, as Superintendent. With the return of Dr. J. J. Weber to Hamilton, Dr. J. Graham was appointed here on March 1st, 1934, coming from the Psychiatric Hospital, Toronto.

The fireproofing of Cottage "B" has been completed. New electrical wiring and fixtures have been placed throughout and a new metal fire escape was placed at the west end of this building.

Extensive improvements have been made in the laundry, which has been fireproofed throughout. A receiving and distributing room has been made. A separate outside entry has been made for the female patients going to and from the laundry. A metal fire escape has been completed, opening on the east side, to serve both the sewing room and the upper flat of the laundry.

In the main building a central fire stairs has been completed to the attic except for finishing the floor and walls. Five new modern fire hydrants were installed, as the old ones were unable to withstand the high head of water from the new tank.

The new cement roadway leading up to the main entrance of the New Building has been completed, along with pillars of the gateway. The airing court in connection with this building has been levelled and graded, being used for football and baseball in Summer and for curling, skating and hockey rink in the Winter.

The bowling green is being enlarged by another rink and a new tiled drained cinder tennis court adjoining the old grass court will be completed in the Spring. The plan of reforestation of waste places along the water front and about the grounds worked out satisfactorily in spite of the dry season.

---

## ONTARIO HOSPITAL, TORONTO

*J. S. Stewart, M.D., Superintendent*

### 1. *Relating to the care and treatment of patients:*

Early in the year an important addition to the care and treatment of patients was the installation of a new type Bexco X-ray machine, which was later in the year extended to include a Bucke, high speed screens and stereoscope. The addition to Cottage Hospital has been completed and provides greater bathroom and washroom facilities.

Under the guidance of the Occupational Therapy staff, concert parties have been organized among the patients with considerable benefit not only to those taking part but also to the patient population as a whole. Physical training classes consisting of small groups have been organized, and are held continuously throughout the Winter months during the day. Classes embrace patients who are not otherwise occupied and who would, therefore, spend their time sitting aimlessly about the wards.

During the Summer months picnics, baseball games and various other forms of recreation were held in addition to the annual sports day, which as usual proved to be an enjoyable event for all.

Six hundred books were added to the Patients' Library.

Dr. Gunn, following a course of study under Dr. McKenzie, of the Toronto General Hospital, has been doing Encephalograms in selected cases. Each member of the staff is engaged in a special branch of study preparatory to presenting a paper on the same.

### 2. *Relating to Staff, Administration and Buildings:*

Dr. J. R. Howitt was transferred from the Psychiatric Hospital, Toronto, as Acting Senior Assistant Physician, substituting for Dr. E. A. Clark, who, while still on the staff, was engaged throughout the year at the Parliament Buildings as Inspector of Hospitals. Dr. G. R. Gunn is on leave of absence during a special course at the Psychiatric Hospital, Toronto. Dr. G. E. Hobbs and Dr. Vera

Winston were appointed to the staff as Graduate Medical Internes. Dr. Cecil Rae was appointed to the Consultant Staff in Ear, Nose and Throat work. Miss Irene Hawkins, Occupational Therapist, was transferred to the Ontario Hospital, London, and Miss J. McLaren was appointed in her place. Mr. Wm. Reid, carpenter, was superannuated and was succeeded by Mr. E. Colley.

The male Reception Ward was completely renovated, made fireproof and finished with terrazzo flooring. Steam heating was installed in the carpenter shop. A small chapel was furnished in the basement. Additional bathroom accommodation was provided in the Nurses' flat. The diet kitchen was refinished with tile floor and painted tile walls. Minor alterations were made in Cottage B.

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## ONTARIO HOSPITAL, WHITBY

*D. R. Fletcher, M.D., Superintendent*

### 1. *Relating to the care and treatment of patients:*

During the year the boarding-out in the neighbourhood of the more or less convalescent patients was instituted, and there have been several patients who have benefited by this added feature to the method of treatment. The usual attention has been given to making periodic visits on a number of ex-patients; some of whom have been discharged for three or four years.

In the vocational department it has been possible to place patients graduated from the occupational department in useful occupations on the farm, in the laundry, with the engineering department, sewing rooms, carpenter shop, etc., according to the aptitude of the various patients.

### 2. *Relating to Staff, Administration and Buildings:*

Dr. G. H. Stevenson, Superintendent for the last seven years, was transferred to the Ontario Hospital, London, as Superintendent; Dr. J. R. McGeoch was transferred to the Ontario Hospital, London, and Dr. Mary Jackson to the Psychiatric Hospital, Toronto. Drs. W. A. Cardwell, H. A. Batstone and J. F. Farnsworth were appointed to the staff. Dr. John Webster, Assistant Superintendent, and Mr. J. S. McCurdy, were superannuated. Mr. Bracey was transferred from the Ontario Hospital, Orillia, as Physical Instructor. Three members of the attendant staff died during the year, namely, Mr. Kells, Mr. McIntyre and Mr. Willis.

The staff meetings were continued throughout the year and proved of great assistance in the treatment of patients, as well as of value in the education of junior physicians and senior nurses.

The old farm house was remodelled to provide accommodation for seventeen nurses: the root house was enlarged and a new foundation placed under the nurses' annex. A house on the farm was remodelled to provide accommodation for fifteen patients who were transferred from the Ontario Hospital, Orillia.

The Mental Health Clinic sustained a severe loss when Dr. S. R. Montgomery, who has been in charge of its activities for some years, was promoted to the position of Senior Physician. However, the work has been ably carried on by Dr. J. A. Cummins, and has been extended very materially by the boarding-out plan. This is a very necessary work and of direct benefit to the hospital.

## ONTARIO HOSPITAL, WOODSTOCK

*D. O. Lynch, M.D., Superintendent.*

*1. Relating to the care and treatment of patients:*

Occupational therapy classes for female patients are held in both the wards and cottages, with the result that many of the patients have become stimulated along the lines of occupational endeavour. Recreational classes for the male patients were started during the past year and have already proven of considerable benefit, as it is apparent that as a result of these classes there are fewer problems to deal with on the wards. The weekly dances for patients have been continued throughout the Fall and Winter months. The new Victor projection machine provides motion pictures twice a week to both male and female groups.

Classes in public school subjects are given to a selected group of pupils and are held each afternoon in the auditorium.

The work in the laboratory has been extended and is under the direction of a specially trained technician. Routine hæmoglobin, blood examinations and urinalysis are carried out on each newly admitted patient.

Some experimental therapeutic work in epilepsy has been carried on during the past year.

The calcium, parathyroid and viosterol combination was exploited in an attempt to reduce the nervous irritability and thus prevent seizures. No benefit was shown.

In considering the possibility of epilepsy being a neurotropic disease, the phylactic action of chloroform and urotropine was studied at the beginning of the year in a small group of cases. The results were not encouraging.

In keeping with the recent interest shown in the study of epilepsy as a possible allergic reaction, a prolonged course of non-specific protein therapy has been commenced in a group of ten cases of idiopathic epilepsy. It is too early, at present, to make a report on this work.

*2. Relating to Staff, Administration and Buildings:*

On September 1st, Dr. C. S. Tennant, Superintendent, was transferred to the Ontario Hospital, Brockville, as Superintendent of that Hospital, and was succeeded by Dr. D. O. Lynch, formerly of the Ontario Hospital, Penetanguishene.

Lectures to nurses and attendants were commenced during the past year and the benefits of the instruction are apparent, as the staff show keener interest in the work through this medium.

Work on the new Nurses' Residence was commenced during the Summer months and the foundation and basement of this structure have been completed. A steam line was extended from Ward "C" to the garage. The carpenter's and engineer's shops were made fireproof. Area-ways and wall openings for ventilation were completed in the new buildings.



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# STATISTICAL TABLES

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TABLE No. 1—  
Showing the Movement of the  
November 1st, 1933—

Hospitals	TO POPULATION											
	First Admissions			Re-Admissions			Transfers Received			Total Added to Population		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville.....	100	82	182	23	30	53	1	40	41	124	152	276
Cobourg.....		57	57		2	2		31	31		90	90
Hamilton.....	173	160	333	40	57	97	9	5	14	222	222	444
Kingston.....	91	41	132	10	15	25	9	10	19	110	66	176
London.....	144	172	316	45	31	76	15		15	204	203	407
Mimico.....	204	137	341	12	18	30	29	96	125	245	251	496
Orillia.....	127	101	228	9	8	17	9	3	12	145	112	257
Penetang.....	33	24	57	3		3	22	3	25	58	27	85
Toronto.....	99	99	198	26	37	63	15	11	26	140	147	287
Whitby.....	176	168	344	62	39	101	20	4	24	258	211	469
Woodstock.....	29	24	53	5	4	9	24	1	25	58	29	87
Totals...	1,176	1,065	2,241	235	241	476	153	204	357	1,564	1,510	3,074

## PATIENT POPULATION

Patient Population during the year  
to October 31st, 1934

FROM POPULATION															Change in Population		
Discharged			Died			Transferred to Other Hospitals			Eloped			Total from Population					
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
90	73	163	33	20	53	1	6	7				124	99	223		+53	+53
	4	4		15	15		97	97					116	116		-26	-26
112	106	218	38	62	100	14	11	25	1		1	165	179	344	+57	+43	+100
52	52	104	30	18	48	17	10	27	3		3	102	80	182	+8	-14	-6
101	84	185	47	45	92	6	6	12	3		3	157	135	292	+47	+68	+115
90	92	182	68	74	142	11	5	16	1		1	170	171	341	+75	+80	+155
45	43	88	19	17	36	46	30	76	16	13	29	126	103	229	+19	+9	+28
9	5	14	11	8	19	19	1	20				39	14	53	+19	+13	+32
55	49	104	30	36	66	19	21	40	4		4	108	106	214	+32	+41	+73
124	106	230	56	46	102	10	7	17	2		2	192	159	351	+66	+52	+118
21	22	43	12	10	22	8	6	14	3		3	44	38	82	+14	-9	+5
699	636	1,335	344	351	695	151	200	351	33	13	46	1,227	1,200	2,427	+337	+310	+647

TABLE No. 2—  
Showing the patient population as on November 1st, 1933 and October 31st, 1934

Hospitals	POPULATION, NOVEMBER 1ST, 1933								
	Patients in Hospital			Patients on Probation			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville.....	444	436	880	38	27	65	482	463	945
Cobourg .....		424	424		1	1		425	425
Hamilton .....	649	617	1,266	53	66	119	702	683	1,385
Kingston.....	586	520	1,106	36	37	73	622	557	1,179
London .....	690	682	1,372	31	43	74	721	725	1,446
Mimico .....	624	529	1,153	19	25	44	643	554	1,197
Orillia .....	900	885	1,785	65	66	131	965	951	1,916
Penetang.....	342	232	574	4	2	6	346	234	580
Toronto .....	459	516	975	21	24	45	480	540	1,020
Whitby .....	775	782	1,557	42	45	87	817	827	1,644
Woodstock .....	259	227	486	4	9	13	263	236	499
Totals.....	5,728	5,850	11,578	313	345	658	6,041	6,195	12,236

(\*)—It will be observed that during the past year a new category of patient population has resulted from the adoption of a policy of placing certain improving patients in boarding-out homes.

## PATIENT POPULATION

together with the total number of patients who were on the books during the year

POPULATION OCTOBER 31ST, 1934												Total Number of Patients on Books during Year (**)		
Patients in Hospital			Patients Boarding Out (*)			Patients on Probation			Total on Books					
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
454	486	940	7	6	13	21	24	45	482	516	998	606	615	1,221
	380	380		12	12		7	7		399	399		515	515
691	655	1,346				68	71	139	759	726	1,485	924	905	1,829
591	514	1,105	6	5	11	33	24	57	630	543	1,173	732	623	1,355
696	710	1,406	10	23	33	62	60	122	768	793	1,561	925	928	1,853
623	574	1,197	57	22	79	38	38	76	718	634	1,352	888	805	1,693
928	877	1,805				56	83	139	984	960	1,944	1,110	1,063	2,173
351	236	587				14	11	25	365	247	612	404	261	665
475	524	999	10	17	27	27	40	67	512	581	1,093	620	687	1,307
802	782	1,584	28	35	63	53	62	115	883	879	1,762	1,075	1,038	2,113
265	216	481				12	11	23	277	227	504	321	265	586
5,876	5,954	11,830	118	120	238	384	431	815	6,378	6,505	12,883	7,605	7,705	15,310

(\*\*)—The total number of patients on books during the year 1934 represents an increase of more than 7% over the previous year as compared with an increase of only 1.6% in 1933.

TABLE No. 3  
PATIENT POPULATION

Showing increase or decrease in patient population for the year 1934

Hospitals	Patients in Hospital			Patients Boarding-out			Patients on Probation			Total on Books		
	M	F	T	M	F	T	M	F	T	M	F	T
Brockville.....	+ 10	+ 50	+ 60	+ 7	+ 6	+ 13	- 17	- 3	- 20	.....	+ 53	+ 53
Cobourg.....		- 44	- 44		+ 12	+ 12		+ 6	+ 6		- 26	- 26
Hamilton.....	+ 42	+ 38	+ 80				+ 15	+ 5	+ 20	+ 57	+ 43	+100
Kingston.....	+ 5	- 6	- 1	+ 6	+ 5	+ 11	- 3	- 13	- 16	+ 8	- 14	- 6
London.....	+ 6	+ 28	+ 34	+ 10	+ 23	+ 33	+ 31	+ 17	+ 48	+ 47	+ 68	+115
Mimico.....	- 1	+ 45	+ 44	+ 57	+ 22	+ 79	+ 19	+ 13	+ 32	+ 75	+ 80	+155
Orillia.....	+ 28	- 8	+ 20				- 9	+ 17	+ 8	+ 19	+ 9	+ 28
Penetang.....	+ 9	+ 4	+ 13				+ 10	+ 9	+ 19	+ 19	+ 13	+ 32
Toronto.....	+ 16	+ 8	+ 24	+ 10	+ 17	+ 27	+ 6	+ 16	+ 22	+ 32	+ 41	+ 73
Whitby.....	+ 27		+ 27	+ 28	+ 35	+ 63	+ 11	+ 17	+ 28	+ 66	+ 52	+118
Woodstock.....	+ 6	- 11	- 5				+ 8	+ 2	+ 10	+ 14	- 9	+ 5
Total.....	+148	+104	+252	+118	+120	+238	+ 71	+ 86	+157	+337	+310	+647

TABLE No. 4  
ANNUAL INCREASE  
Showing the Annual Increase in Patient Population Since the Year 1919

Year	Total on Books at End of Year	Increase over Previous Year	Ratio of Increase to Total Hospital Population*
1919	7,482		
1920	7,689	207	2.7
1921	7,970	281	3.5
1922	8,368	398	4.7
1923	8,775	407	4.6
1924	9,109	334	3.7
1925	9,489	380	4.0
1926	9,656	167	1.7
1927	9,708	52	0.5
1928	9,775	67	0.7
1929	10,032	257	2.6
1930	10,390	358	3.4
1931	10,930	540	4.9
1932	11,498	568	4.9
1933	12,236	738	6.0
1934	12,883	647	5.3

\*It should be recognized that the annual increases in the number of mental patients as shown in this table indicate increases in the number of patients *shown on the books of mental hospitals*. These increases do *not* necessarily reflect increases in the prevalence of mental disease in the community, since they are almost directly determined by the enlargement of hospital accommodation through building expansion.

TABLE No. 5  
ACCUMULATED TOTALS

Showing the total aggregate number of patients who have been admitted, discharged or have died since the opening of the hospitals.

Hospitals	Date of Opening	Total Number Admitted Since Opening of Hospital			Total Number Discharged Since Opening of Hospital			Total Number Died Since Opening of Hospital		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Brockville	Dec. 27, 1894	3,477	3,335	6,812	1,908	1,953	3,861	1,172	1,000	2,172
Cobourg	June, 1920		923	923		191	191		259	259
Hamilton	Mar. 17, 1876	6,235	6,097	12,332	3,474	3,558	7,032	2,115	1,959	4,074
Kingston	1864	4,437	3,623	8,060	2,613	2,164	4,777	1,358	1,125	2,483
London	1870	6,926	6,580	13,506	3,910	3,727	7,637	2,340	2,173	4,513
Mimico	1890	3,639	3,111	6,750	1,941	1,755	3,696	1,115	922	2,037
Orillia	Apr. 1, 1876	3,112	2,646	5,758	734	557	1,291	1,310	1,102	2,412
Penetang	Aug. 16, 1904	737	611	1,348	156	83	239	273	296	569
Toronto	1846	10,494	10,012	20,506	7,140	7,206	14,346	2,883	2,327	5,210
Whitby	Jan. 1, 1920	2,916	2,780	5,696	1,466	1,400	2,866	665	562	1,227
Woodstock	1906	658	528	1,186	325	228	553	223	192	415
Total		42,631	40,246	82,877	23,667	22,822	46,489	13,454	11,917	25,371

TABLE No. 6  
GEOGRAPHICAL DISTRIBUTION

Showing the number of first admissions, number of patients admitted since opening, and number of patients in hospital on October 31st, 1934, from the various counties and districts, together with the population of these countries in thousands (1931 census)

Counties and Districts	Population 1931 Census (in thousands)	First Admissions during Year			Admitted Since Opening			Remaining in Residence Oct. 31st, 1934		
		M.	F.	T.	M.	F.	T.	M.	F.	T.
Algoma District	46	15	8	23	418	315	733	145	126	271
Brant	53	14	19	33	577	616	1,193	83	83	166
Bruce	42	7	11	18	573	547	1,120	85	84	169
Carleton	170	53	54	107	1,602	1,674	3,276	256	284	540
Cochrane	58	16	11	27	131	67	198	68	35	103
Dufferin	14	4	6	10	153	192	345	17	36	53
Dundas	16	7	1	8	261	234	495	25	24	49
Durham	25	6	7	13	453	421	874	40	39	79
Elgin	43	9	9	18	588	583	1,171	56	66	122
Essex	159	44	42	86	993	909	1,902	210	197	407
Frontenac	45	30	14	44	1,203	1,080	2,283	70	90	160
Glengarry	18	5	1	6	311	278	589	47	22	69
Grenville	16	7	6	13	355	330	685	38	38	76
Grey	57	10	9	19	732	632	1,364	113	90	203
Haldimand	21	9	5	14	312	278	590	33	31	64
Haliburton	6	2	2	4	30	26	56	16	7	23
Halton	26	7	3	10	335	330	665	28	25	53
Hastings	58	19	18	37	817	762	1,579	108	89	197
Huron	45	3	8	11	697	711	1,408	74	70	144
Kenora	21	11	4	15	57	48	105	19	12	31
Kent	62	16	22	38	674	604	1,278	102	83	185
Lambton	54	15	12	27	806	688	1,494	84	80	164
Lanark	32	15	7	22	570	544	1,114	66	59	125
Leeds	35	8	12	20	669	642	1,311	70	80	150
Lennox & Addington	18	3	1	4	415	365	780	48	35	83
Lincoln	54	19	14	33	561	505	1,066	81	70	151
Manitoulin	10	2	3	5	42	38	80	16	18	34
Middlesex	118	38	57	95	2,102	2,024	4,126	225	291	516
Muskoka District	20	4	3	7	219	176	395	51	59	110
Nipissing District	41	15	15	30	533	313	846	105	70	175
Norfolk	31	5	7	12	330	375	705	33	45	78
Northumberland	31	15	8	23	572	622	1,194	85	71	156
Ontario	59	28	13	41	878	811	1,689	115	92	207
Oxford	47	19	17	36	730	618	1,348	70	73	143
Parry Sound District	25	4	6	10	229	191	420	56	48	104
Peel	28	9	5	14	363	415	778	28	45	73
Perth	51	15	19	34	682	674	1,356	74	82	156
Peterborough	44	16	8	24	517	590	1,107	54	61	115
Prescott	24	7	8	15	291	265	556	54	49	103
Prince Edward	16	9	3	12	228	214	442	33	19	52
Rainy River District	17	5		5	133	74	207	33	10	43
Renfrew	52	23	12	35	507	511	1,018	85	71	156
Russell	18	3	2	5	169	137	306	43	22	65
Simcoe	83	25	25	50	1,244	1,072	2,316	164	145	309
Stormont	32	13	16	29	457	395	852	39	57	96
Sudbury	58	23	8	31	221	134	355	83	55	138
Temiskaming	37	11	6	17	267	134	401	55	34	89
Thunder Bay District	65	45	11	56	512	310	822	143	90	233
Victoria	25	7	9	16	551	532	1,083	58	62	120
Waterloo	89	22	23	45	637	692	1,329	90	117	207
Welland	82	21	21	42	591	599	1,190	104	100	204
Wellington	58	14	17	31	851	855	1,706	109	108	217
Wentworth	190	67	73	140	2,469	2,519	4,988	327	362	689
York	857	349	360	709	11,142	11,320	22,462	1,632	1,931	3,563
Unascertained		4	1	5	540	191	731	16	12	28
Other Provinces		4	3	7	331	64	395	32	20	52
Total	3,431	1,176	1,065	2,241	42,631	40,246	82,877	5,994	6,074	12,068



TABLE No. 7  
RELIGION

Showing the religious affiliations of first admissions, patients in residence, and total number of admissions since opening of hospitals

Religion	Ontario Census 1931	FIRST ADMISSIONS				IN RESIDENCE				ADMISSIONS SINCE OPENING			
		Male	Female	Total		Male	Female	Total		Male	Female	Total	
				Number	%			Number	%			Number	%
Baptists .....	5.0	54	58	112	5.0	273	297	570	4.7	1,757	1,946	3,703	4.5
Episcopalians .....	22.3	208	185	393	17.5	1,011	1,168	2,179	18.1	8,512	8,489	17,001	20.5
Jews .....	1.8	24	25	49	2.2	107	120	227	1.9	287	293	580	0.7
Presbyterians .....	13.1	133	143	276	12.3	749	885	1,634	13.5	7,127	7,138	14,265	17.2
Roman Catholics .....	20.9	311	227	538	24.0	1,542	1,210	2,752	22.8	9,423	7,966	17,389	21.0
United Church .....	28.4	228	249	477	21.3	1,140	1,369	2,509	20.8	8,885	9,246	18,131	21.9
Other Denominations .....	8.4	165	122	287	12.8	761	688	1,449	12.0	4,371	3,605	7,976	9.6
Unascertained .....	0.1	53	56	109	4.9	411	337	748	6.2	2,269	1,563	3,832	4.6
Total .....	100.0	1,176	1,065	2,241	100.0	5,994	6,074	12,068	100.0	42,631	40,246	82,877	100.0

TABLE No. 8  
Showing the distribution of patients in residence

Psychoses	Total			Brockville			Cobourg			Hamilton			Kingston		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	12	2	14	1		1				2	1	3			
2. Senile.....	177	241	418	32	39	71		22	22	14	29	43	14	13	27
3. With Cerebral Arterio- sclerosis.....	142	127	269	10	7	17		3	3	43	32	75	5	1	6
4. General Paralysis.....	285	83	368	32	23	55		3	3	49	11	60	19	5	24
5. With Cerebral Syphilis.....	10	5	15	1		1									
6. With Huntington's Chorea.....	5	14	19					1	1	1	2	3			
7. With Brain Tumour.....	1		1												
8. With other Brain or Nervous Diseases.....	33	15	48		2	2				2		2	4		4
9. Alcoholic.....	48	7	55	6	1	7		2	2	4		4	6		6
10. Due to Drugs and other Exogenous Toxins.....	10	12	22								1	1	2		2
11. With Pellagra.....															
12. With other Somatic Diseases.....	20	63	83	2	9	11				1	9	10	4	6	10
13. Manic-Depressive.....	510	588	1098	71	73	144		9	9	37	56	93	82	66	148
14. Involution Melancholia.....	80	170	250	11	20	31		6	6	11	21	32	12	20	32
15. Dementia Praecox.....	2750	2833	5583	245	260	505		164	164	426	422	848	328	307	635
16. Paranoia or Paranoid Conditions.....	70	111	181	8	19	27		2	2	5	6	11	13	14	27
17. Epileptic Psychoses.....	219	181	400	3	3	6		2	2	15	4	19	6	8	14
18. Psychoneuroses and Neuroses.....	20	37	57	1	4	5				5	5	10	1	7	8
19. With Psychopathic Personality.....	14	5	19	1		1				2		2			
20. With Mental Deficiency.....	313	283	596	32	27	59		17	17	49	39	88	71	45	116
21. Undiagnosed Psychoses.....	10	11	21								2	2	1		1
22. Without Psychoses.....	1265	1286	2551	5	5	10		161	161	25	15	40	29	27	56
Total.....	5994	6074	12068	461	492	953		392	392	691	655	1346	597	519	1116

## —DIAGNOSES

in each hospital according to diagnosis

London			Mimico			Orillia			Penetang			Toronto			Whitby			Woodstock		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
2	1	3	1		1				1		1	3		3	2		2			
30	30	60	55	49	104	2		2	1	1	18	32	50	12	26	38				
25	19	44	6	6	12				3	1	4	25	28	53	25	30	55			
39	8	47	46	11	57	1		1	2	1	3	49	14	63	47	7	54	1		1
			1	1								3	3	6	6	1	7			
1	2	3		3	3				1		1		1	1	2	5	7			
															1		1			
6	3	9		1	1	1		1	1	1	2	5	3	8	14	5	19			
4		4	10	2	12							8	1	9	10	1	11			
			6	8	14							1	3	4	1		1			
1	13	14	7	4	11							3	7	10	2	15	17			
38	78	116	105	94	199				42	26	68	37	51	88	97	135	232	1		1
9	30	39	20	50	70				1	1	8	12	20	9	10	19				
468	492	960	336	285	621	1	4	5	176	114	290	272	308	580	495	476	971	3	1	4
5	6	11	21	17	38				3	2	5	5	1	6	10	44	54			
11	10	21	15	17	32	2		2	16	3	19	6	9	15	4	8	12	141	117	258
2	4	6	1		1							4	7	11	6	10	16			
			3	2	5				3		3				5	3	8			
35	33	68	47	44	91	6	13	19	5		5	26	44	70	31	21	52	11		11
1	1	2	1	2	3							2	5	7	5	1	6			
29	3	32				915	860	1775	98	86	184	10	12	22	46	19	65	108	98	206
706	733	1439	680	596	1276	928	877	1805	351	236	587	485	541	1026	830	817	1647	265	216	481



TABLE No. 9

## RECREATION

Showing the variety and frequency of recreational and other activities at the hospitals together with average patient attendance.

Activities	Number Held	AVERAGE ATTENDANCE		
		Male	Female	Total
Church services held during the year—Protestant....	587	1,538	1,402	2,940
Church services held during the year—Catholic .....	415	426	343	769
Dances for patients.....	173	1,126	1,088	2,214
Moving pictures.....	96	1,080	992	2,072
Concerts.....	77	1,806	1,471	3,277
Picnics, rides and hikes .....	433	1,038	869	1,907
Walking parties.....	3,893	1,378	1,674	3,052
Physical Training Classes .....	4,243	302	123	425
Other forms of entertainment (Card parties, etc.)	44	441	545	986
Other forms of organized recreation (bowling, softball, tennis, etc.).....	1,553	1,548	805	2,353

TABLE No. 10—  
Showing the distribution of patients according to

Hospitals	Industrial Work			Farm and Garden			Utility Staff			House-keeping or Kitchen			Vocational Classes			Occupational Classes			Special Occupation			Ward Work		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville..	45	66	111	67	67	19	19	25	19	44					16	16	2	2	152	100	252			
Cobourg.....		58	58	4	4		6	6		57	57		10	10	111	111		2	2			56	56	
Hamilton....	31	34	65	76	76	61	61	36	36	72					12	101	113	14	14	282	133	415		
Kingston....	16	46	62	101	101	42	44	86	29	11	40				30	48	78	5	4	9	185	101	286	
London.....	27	60	87	112	60	172	78	78	30	20	50		59	59	60	60	20	1	21	139	85	224		
Mimico.....	5		5	75	75	15	39	54	16	11	27				35	75	110	5	3	8	48	87	135	
Orillia.....	99	81	180	101	101	30	30	63	57	120	136	120	256	156	151	307	3	8	11	128	151	279		
Penetang....				60	60	72	72	18	18	36					11	24	35	7	27	34	105	54	159	
Toronto.....	30	45	75	35	35	60	60	35	7	42					10	55	65	3	3	118	118	236		
Whitby.....	72	42	114	110	110	11	11	53	32	85	8	8	28	122	150	22	35	57	190	138	328			
Woodstock..	4	40	44	32	32	35	35	24	17	41		7	7	34	34	10		10	81	74	155			
Totals.....	329	472	801	769	64	833	423	89	512	329	285	614	144	196	340	282	797	1079	91	80	171	1428	1097	2525

COMMENTS ON TABLE No. 10

The above table indicates in a comprehensive way the extent to which patients are receiving occupational therapy in the broadest sense of that term. It is of interest to note that of the total resident population of the Ontario Hospitals, nearly 60% or 7,000 patients are actively employed at some type of occupational activity either whole or part time. When it is recognized that many patients suffer from severe physical, as well as mental and emotional disabilities, it will be seen that treatment through occupation is made use of on a large scale. Apart from contributing in a very practicable way to the upkeep and maintenance of hospital grounds,

## OCCUPATIONAL ACTIVITIES

hospital, sex and present occupational programme

Boarding out Patients			Total Number Occupied			Unoccupied (By reason of Old Age or Physical Disability)						Unoccupied (By reason of Mental Disability)						Total Number Unoccupied			Percentage Occupied		
						In Bed			Up			In Bed			Up								
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
7	6	13	317	207	524	29	39	68	28	23	51	47	91	138	40	132	172	144	285	429	68.8	42.1	55.0
	12	12		316	316		13	13		13	13					50	50		76	76		80.6	80.6
			512	304	816	24	35	59	52	31	83	26	54	80	77	231	308	179	351	530	74.1	46.4	60.6
6	5	11	414	259	673	38	40	78	27	11	38	45	52	97	73	157	230	183	260	443	69.3	49.9	60.3
10	23	33	416	368	784	53	33	86	83	170	253	8	60	68	146	102	248	290	365	655	58.9	50.2	54.5
57	22	79	256	237	493	135	167	302	74	49	123	150	90	240	65	53	118	424	359	783	37.6	39.8	38.6
			716	568	1284	27	4	31	26	88	114	49	42	91	110	175	285	212	309	521	77.2	64.8	71.2
			273	123	396	4	10	14	22	14	36	1	28	29	51	61	112	78	113	191	77.8	52.1	67.5
10	17	27	301	242	543	10	68	78	27	53	80	55	65	120	92	113	205	184	299	483	62.1	44.7	52.9
28	35	63	522	404	926	35	44	79	70	42	112	16	74	90	187	253	440	308	413	721	62.9	49.4	56.2
			186	172	358	4	5	9	47	9	56	3	9	12	25	21	46	79	44	123	70.2	79.6	74.4
118	120	238	3913	3200	7113	359	458	817	456	503	959	400	565	965	866	1348	2214	2081	2874	4955	65.3	52.7	58.9

industries, wards, etc., the significance of these occupational activities for the physical and mental well-being of the patients cannot be over-emphasized. They are also of considerable value in re-educating patients and re-establishing normal habits of work in preparation for their return to the community.

It should be recognized that the percentages in the final column are not an altogether valid basis for comparing individual hospitals in regard to this feature of the programme, because of the marked differences which exist in the nature of the patient population. For example the relatively low percentage of occupied patients at the Mimico Hospital is related to the fact that this hospital contains the special unit for tubercular mental patients, a large number of whom are unoccupied bed patients by reason of their physical condition.

TABLE No. 11  
PLACE OF BIRTH  
Showing the place of birth of first admissions

Place of Birth	First Admissions		
	Male	Female	Total
Canada .....	811	758	1,569
Africa .....			
Australia .....			
Armenia .....	1		1
Bulgaria .....	2		2
Austria .....	8	7	15
Belgium .....	2	2	4
Central America .....	1		1
China .....	7		7
Czecho-Slovakia .....	10	2	12
Denmark .....	2		2
England .....	126	117	243
Finland .....	19	10	29
France .....	1	2	3
Germany .....	6	3	9
Greece .....	5		5
Holland .....	1	1	2
Hungary .....	8	4	12
India .....	2		2
Ireland .....	27	20	47
Italy .....	8	14	22
Japan .....			
Jugo-Slavia .....	8	2	10
Norway .....	2		2
Newfoundland .....	1	2	3
Poland .....	25	16	41
Roumania .....	3	5	8
Russia .....	18	8	26
Scotland .....	29	51	80
South America .....		2	2
Spain .....			
Sweden .....	2		2
Switzerland .....	1		1
Turkey .....			
United States .....	21	24	45
West Indies .....	1		1
Other British Possessions .....	6	7	13
Other Countries .....	3	2	5
Unascertained .....	9	6	15
Total .....	1,176	1,065	2,241

TABLE No. 12  
NATIVITY OF FIRST ADMISSIONS

Showing a comparison between the first admissions to hospitals and the general population in regard to nativity

Nativity	Mental Hospitals		General Population 1931 Census	
	5 year period	1934	Ontario	Canada
Native Born .....	69%	70%	78%	78%
Foreign Born .....	31%	30%	22%	22%



TABLE No. 13  
NATIVITY OF PARENTS  
Showing the nativity of parents of first Admissions

Parents	Male	Female	Total	
			No.	%
Both Native Born .....	450	390	840	37.5
Both Foreign Born .....	429	398	827	36.9
Mixed .....	179	162	341	15.2
Unascertained .....	118	115	233	10.4

TABLE No. 14  
FOREIGN BORN FIRST ADMISSIONS  
Showing the length of residence in Canada previous to admission to hospital

Length of Residence	Male	Female	Total	
			No.	%
Under 5 years .....	25	23	48	7.2
5 to 9 years .....	65	50	115	17.3
10 to 14 years .....	60	40	100	15.0
15 years and over .....	190	163	353	53.1
Unascertained .....	22	27	49	7.4

TABLE No. 15  
CITIZENSHIP  
Showing the citizenship of first Admissions

Citizenship	Male	Female	Total	
			No.	%
Citizens by birth .....	811	758	1,569	70.0
Citizens by naturalization .....	112	80	192	8.6
Aliens .....	34	29	63	2.8
Citizenship unascertained .....	44	15	59	2.7
Citizens of British birth outside Canada .....	175	183	358	15.9
Total .....	1,176	1,065	2,241	100.0

TABLE No. 16  
PREVIOUS OCCUPATION  
Showing the occupations of first admissions previous to their admission

Occupation	Male	Female	Total	
			No.	%
Professional: (Religious, Legal, Medical, Educational, Engineers, etc.)	42	39	81	3.7
Commercial: (Bankers, Merchants, Accountants, Clerks, Sales- men, Stenographers, etc.)	136	65	201	9.0
Agricultural: (Farmers, Gardeners, Stockmen, etc.)	184		184	8.2
Mechanics at Outdoor Vocations: (Stationary Engineers, Blacksmiths, Carpenters, Painters, Police, etc.)	106		106	4.7
Mechanics, etc., at Sedentary Vocations: (Shoemakers, Bookbinders, Tailors, Seamstresses, Factory Workers, etc.)	74	25	99	4.4
Housewives		462	462	20.6
Domestic Service: (Waiters, Cooks, Servants, Governesses, House- keepers, etc.)	29	195	224	10.0
Miners, Marine Engineers, Railway Employees, Seamen, etc.	27		27	1.2
Labourers	300		300	13.4
No Occupation	273	274	547	24.4
Unascertained	5	5	10	0.4
Total	1,176	1,065	2,241	100.0

TABLE No. 17

## CERTIFICATION

Showing a classification of first admissions and re-admissions, according to their method of certification

Hospitals	CLASSIFICATION OF ADMISSIONS														
	Totals			By Physician's Certificate			By Inspector's Warrant			By Lieut.-Governor's Warrant			By Voluntary Application		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	123	112	235	83	86	169	7	2	9				33	24	57
Cobourg		59	59		46	46		7	7		6	6			
Hamilton	213	217	430	117	163	280	78	32	110	3	2	5	15	20	35
Kingston	101	56	157	75	54	129	12	2	14	8		8	6		6
London	189	203	392	132	190	322	30	4	34	1	1	2	26	8	34
Mimico	216	155	371	84	118	202	106	33	139	8	1	9	18	3	21
Orillia	136	109	245	123	105	228	12	2	14	1	2	3			
Penetang	36	24	60	17	16	33	14	8	22	5		5			
Toronto	125	136	261	74	117	191	41	8	49	1	4	5	9	7	16
Whitby	238	207	445	124	163	287	55	15	70	5		5	54	29	83
Woodstock	34	28	62	28	25	53	4	2	6	2		2		1	1
Totals	1,411	1,306	2,717	857	1,083	1,940	359	115	474	34	16	50	161	92	253
Percentage			100.0			71.4			17.5			1.8			9.3

TABLE No. 18

## PSYCHOSES

Showing the distribution of first admissions according to psychoses

Psychoses	Male	Female	Total
1. Traumatic Psychoses	6		6
2. Senile Psychoses	79	71	150
3. Psychoses with Cerebral Arteriosclerosis	85	70	155
4. General Paralysis	107	31	138
5. Psychoses with Cerebral Syphilis	2		2
6. Psychoses with Huntington's Chorea		4	4
7. Psychoses with Brain Tumour	1	1	2
8. Psychoses with other Brain or Nervous Diseases:			
(a) Cerebral embolism			
(b) Paralysis Agitans	1	1	2
(c) Meningitis, tubercular or other forms	3		3
(d) Multiple sclerosis		9	9
(e) Tabes Dorsalis			
(f) Acute Chorea			
(g) Other diseases	5	4	9
9. Alcoholic Psychoses:			
(a) Delirium Tremens	2		2
(b) Korsakow's Psychosis	1	18	19
(c) Acute hallucinosis	8		8
(d) Other types, acute or chronic	7	1	8
10. Psychoses due to Drugs and other Exogenous Toxins:			
(a) Opium (and derivatives) cocaine bromide, chloral, alone or combined	2	5	7
(b) Metals, as lead arsenic		6	6
(c) Gases			
(d) Other exogenous toxins	4	1	5
11. Psychoses with Pellagra			
12. Psychoses with other Somatic Diseases:			
(a) Delirium and infectious diseases	5	3	8
(b) Post-infectious psychosis		4	4
(c) Exhaustion delirium	3	24	27
(d) Delirium of unknown origin	3	30	33
(e) Cardio-renal diseases	4	7	11
(f) Diseases of the ductless glands		2	2
(g) Other diseases or conditions	15	26	41
13. Manic-Depressive Psychoses:			
(a) Manic type	69	53	122
(b) Depressive type	82	70	152
(c) Other types	10	22	32
14. Involution Melancholia	26	31	57
15. Dementia Praecox (Schizophrenia)	288	288	576
16. Paranoia and Paranoid Conditions	18	24	42
17. Epileptic Psychoses	27	27	54
18. Psychoneuroses and Neuroses:			
(a) Hysterical type	8	14	22
(b) Psychasthenic types (anxiety and obsessive forms)	3	26	29
(c) Neurasthenic type	13	12	25
(d) Other types	2	1	3
19. Psychoses with Psychopathic Personality	5	2	7
20. Psychoses with Mental Deficiency	40	27	67
21. Undiagnosed Psychoses	14	18	32
22. Without Psychoses:			
(a) Epilepsy without psychosis	41	24	65
(b) Alcoholism without psychosis	21	4	25
(c) Drug addiction without psychosis	8	1	9
(d) Psychopathic personality without psychosis	11		11
(e) Mental Deficiency	135	174	309
(f) Others	12	11	23
Totals	1,176	1,065	2,241

TABLE No. 18a

Showing the distribution of cases *in percentages* according to selected psychoses.

Psychoses	PERCENTAGES				
	1930	1931	1932	1933	1934
Dementia Praecox (Schizophrenia)	31.2	25.0	22.0	24.8	25.7
Manic-Depressive	10.0	14.4	13.3	13.8	13.7
Senile	10.8	10.9	7.3	5.5	6.7
Cerebral Arteriosclerosis	4.2	4.6	5.8	6.7	6.9
General Paralysis	6.0	6.7	5.4	6.2	6.1
Mental Deficiency without Psychosis	8.9	8.3	16.4	13.6	13.8
Other Psychoses	28.9	30.1	29.8	29.4	27.1
All Cases	100.	100.	100.	100.	100.

## COMMENTS ON TABLE No. 18a

The particular psychoses selected for this and following "summary" tables were chosen, because, as individual groups they included a sufficiently large number of cases to provide percentages of some significance. It will be apparent from the above comparative treatment of first admissions during the last five years that there has been no very marked or significant trends in the proportion of first admissions under any one psychosis.

A review of similar figures for the entire period since 1924 indicates however that there has been a considerable decrease in the proportion of first admissions diagnosed as Dementia Praecox. (This decrease is indicated by a drop from 33% in 1924 to a low of 22% in 1932.) There is some slight indication in the above table that this group has started to increase again during the last two years.

The Manic-Depressive group of cases has fallen from 21% in 1925 to 10% in 1930 and has since remained constant at about 14%.

The proportion of Senile cases has fallen off steadily from a high point in 1928.

The proportion of cases suffering from Cerebral Arteriosclerosis which was less than 2% in 1924 has shown a small but quite constant increase each year since that time.

The proportion of cases diagnosed General Paralysis has varied irregularly around 6%.

The sudden increase in the proportion of cases of Mental Deficiency without psychoses in 1932 is due to the increase in accommodation for such cases at the Ontario Hospital, Orillia. It should be clearly recognized that the above figures do *not* indicate an increase in the incidence of Mental Deficiency in the community.

TABLE No. 19  
RACIAL EXTRACTION

Showing the distribution of first admissions according to racial extraction and psychoses

Psychoses	Total			English			Irish			Scotch			French			All Others			Unascertained			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
	1. Traumatic	6		6	2		2	2		2	1		1			1			1			
2. Senile	79	150	31	24	55	20	33	13	14	27	13	33	13	2	5	7	10	5	15	3	10	13
3. With Cerebral Arteriosclerosis	85	70	155	44	25	69	15	14	29	12	18	30	12	2	3	5	9	5	14	3	5	8
4. General Paralysis	107	31	138	35	10	45	25	4	29	14	7	21	12	3	15	19	19	5	24	2	2	4
5. With Cerebral Syphilis	2		2																			
6. With Huntington's Chorea	4	4	4	4	4	4																
7. With Brain Tumour	1	1	2	1	1	1	2	3	3	1	2	3	1	2	2	2	2	1	1	2	2	2
8. With Other Brain or Nervous Diseases	9	5	14	1	1	1	2	3	3	1	2	3	1	2	2	1	4	1	2	4		
9. Alcoholic	18	1	19	10	1	11	3	1	3	1	2	3	1	1	1	2						
10. Due to Drugs and other Exogenous Toxins	6	6	12	3	2	5	1	1	2	1	2	3	1	1	2							
11. Pellagra																						
12. With other Somatic Diseases	30	68	98	14	27	41	4	9	13	2	10	12	2	2	9	11	7	10	17	1	3	4
13. Manic-Depressive	161	145	306	63	66	129	25	21	46	19	16	35	8	6	14	40	31	31	71	6	5	11
14. Involution Melancholia	26	31	57	6	10	16	5	8	13	11	3	14	4	1	5	9	9	9	9	9		
15. Dementia Praecox	288	288	576	101	103	204	38	52	90	34	47	81	18	21	39	88	50	50	138	9	15	24
16. Paranoia or Paranoid Conditions	18	24	42	4	9	13	4	5	9	4	8	12	1	1	2	5	2	7	7	1		
17. Epileptic Psychoses	27	27	54	10	11	21	9	1	10	3	6	9	2	4	6	2	5	2	5	7	1	1
18. Psychoneuroses and Neuroses	26	32	58	12	14	26	5	6	11	3	5	8	1	2	3	5	4	9	9	4		
19. With Psychopathic Personality	5	2	7	2	1	3	1	1	1	1	1	1	1	1	1	2	2	2	2	2		
20. With Mental Deficiency	40	27	67	19	12	31	4	4	8	1	1	2	5	3	8	10	4	14	14	1	3	4
21. Undiagnosed Psychoses	14	18	32	4	8	12	3	4	7	1	1	2	1	1	1	5	3	8	1	1	1	2
22. Without Psychoses	228	214	442	88	91	179	27	19	46	28	18	46	26	23	49	41	45	86	86	18	18	36
Total	1176	1065	2241	450	419	869	194	161	355	148	158	306	85	85	170	251	179	430	48	63	111	

TABLE No. 19a

Showing the distribution of cases in percentages according to racial extraction and selected psychoses

Psychoses	English	Irish	Scotch	French	All Other Races
Dementia Praecox (Schizophrenia)	36.9	16.3	14.7	7.1	25.0
Manic-Depressive	43.7	15.6	11.9	4.7	24.1
Senile	40.1	24.1	19.7	5.1	10.9
Cerebral Arteriosclerosis	46.9	19.7	20.4	3.4	9.5
General Paralysis	33.6	21.6	15.7	11.2	17.9
Other Psychoses	42.4	14.8	12.9	10.4	19.4
All First Admissions	40.8	16.7	14.4	8.0	20.2
Population of Ontario (Census 1931)	38.4	18.8	16.0	8.7	18.0

## COMMENTS ON TABLE No. 19a

The two final lines in the above table provide a basis for comparing the racial distribution of hospital first admissions with the racial distribution of the general population in the Province. It will be seen that admissions to Provincial Mental Hospitals represent a fairly accurate sample of the general population in regard to racial extraction. Keeping this fact in mind it would appear that there are fewer cases of Scotch extraction and a slightly larger proportion of cases of foreign racial extraction than would be expected from the racial distribution in the general population.

The first six lines in the above table indicate the racial distribution among cases suffering from certain psychoses. Considering these in order and using the figures for "All First Admissions" as a basis for comparison, it will be seen that: in the Schizophrenic group there is a relatively large proportion of cases of foreign racial extraction; among the Manic-Depressives a slightly larger proportion of English and Foreign extractions (for both of these racial groups there has been a marked increase in the relative proportion admitted with Manic-Depressive conditions during the last year); among Seniles more Irish and Scotch, but fewer French and Foreign extractions; among Cerebral Arteriosclerotics markedly fewer of French and Foreign extraction, but more English (this condition has also shown a marked relative increase in the English group as compared with last year); among General Paretics fewer of English but more of French extractions.

TABLE  
Showing the distribution of first admissions

Psychoses	Total			Under 15 years			15-19 Years			20-24 Years			25-29 Years			30-34 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	6		6							1	1							
2. Senile	79	71	150															
3. With Cerebral Arteriosclerosis	85	70	155															
4. General Paralysis	107	31	138				1	1		4	4		4	2	6	13	8	21
5. With Cerebral Syphilis	2		2	1		1												
6. With Huntington's Chorea		4	4															
7. With Brain Tumour	1	1	2													1		1
8. With other Brain or Nervous Diseases	9	5	14							1	1		1	1				
9. Alcoholic	18	1	19										3		3	6		6
10. Due to Drugs and other Exogenous Toxins	6	6	12											1	1	3	1	4
11. With Pellagra																		
12. With other Somatic Diseases	30	68	98					1	1	1	5	6	3	13	16	3	5	8
13. Manic-Depressive	161	145	306				6	5	11	16	8	24	13	8	21	17	19	36
14. Involution Melancholia	26	31	57													3	3	6
15. Dementia Praecox	288	288	576	1	1	2	22	11	33	69	42	111	57	51	108	54	48	102
16. Paranoia or Paranoid Conditions	18	24	42										1		1	3		3
17. Epileptic Psychoses	27	27	54	1		1	2		2	4	7	11	2	8	10	5	1	6
18. Psychoneuroses and Neuroses	26	32	58					1	1	4	1	5	2	6	8	4	7	11
19. With Psychopathic Personality	5	2	7							1	1					1		1
20. With Mental Deficiency	40	27	67				3	4	7	5	2	7	4	2	6	8	2	10
21. Undiagnosed Psychoses	14	18	32				1	1	2	3	3	2		2	1	1	1	2
22. Without Psychoses	228	214	442	84	60	144	47	78	125	14	26	40	20	18	38	17	10	27
Total	1176	1065	2241	87	61	148	82	101	183	116	98	214	111	110	221	139	105	244

COMMENTS ON TABLE No. 20a

In the summary table on the opposite page the age distribution of certain psychotic groups is shown according to four age intervals. Taking the group of first admissions as a whole it will be seen that nearly one-third of the first admissions during the past year have been young adults (20-34).

An examination of the age distribution for each of the psychotic groups separately indicates that the peak age group for Schizophrenia is 20-34 years of age. This concentration of Schizophrenic cases in the younger adult group has shown a slight increase over the previous year. Manic-Depressive cases show less age concentration but nearly half of these cases are found in the interval 35-49. The concentration here is 10% greater than for the previous year and there has been a corresponding decrease in the proportion of Manic-Depressives over 50 years of age. As would be expected nearly all of the cases in the Senile and Cerebral Arteriosclerotic groups are over 50 years of age. (There has been some increase in the proportion of the latter admitted *under* 50 years of age during the past year).



No. 20—AGE

according to age and psychosis

35-39 Years			40-44 Years			45-49 Years			50-54 Years			55-59 Years			60-64 Years			65-69 Years			70 Years and over			Unascertained			
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1		1	1		1	1		1	1		1				1		1										
									1	1	2	2	2	4	3	5	8	10	12	22	62	51	113	1		1	
23	7	30	17	3	20	2	5	7	3	3	6	12	7	19	17	12	29	23	16	39	28	27	55				
			1		1																						
	1	1		1	1		1	1							1	1											
				3	3	1	1	2	3	3					1	1		1	1	1	1	1	2				
5		5		1	1			2	1	1					1	1											
2		2		2	2			1	1						1	1	2										
6	10	16	3	6	9	3	8	11	2	7	9	3	5	8	4	4	8	1	2	3	1	2	3				
26	26	52	22	21	43	24	19	43	17	16	33	6	12	18	8	6	14	4	2	6	1	3	4	1		1	
1	3	4	1	2	3	2	4	6	9	9	18	5	8	13	2		2	3	2	5							
33	49	82	18	28	46	19	20	39	4	16	20	5	12	17	4	4	8	1	3	4		2	2	1	1	2	
1	2	3	3	3	6	1	3	4	4	3	7	1	6	7	2	1	3		6	6	2		2				
2	2	4	4	3	7	2	2	4	1	2	3	1	1	2	1	1	2	1		1	1	1		1			
6	6	12	4	3	7	2	3	5	2	2	4	1	2	3	1		1						1	1			
2		2						1	1					1	1	2											
6	2	8	7	6	13	3	3	6	1	4	5	1		1	1	2	3				1		1				
3	6	9	3		3	1	4	5		2	2	1	1	2							1		1	1		1	
10	7	17	16	8	24	6	2	8	2	3	5	6	2	8	3		3	2		2				1		1	
127	121	248	103	88	191	81	79	160	67	72	139	55	59	114	55	39	94	45	44	89	102	87	189	6	1	7	

TABLE No. 20a

Showing the distribution of cases in percentages suffering from certain mental diseases according to four age groups

Psychoses	Under 20 years	20 to 34 years	35 to 49 years	50 years and over
Dementia Praecox (Schizophrenia)	6.1	55.9	29.1	8.9
Manic-Depressive	3.6	26.6	45.2	24.6
Senile				100.0
Cerebral Arteriosclerosis			4.5	95.5
General Paralysis	0.7	22.7	46.7	29.9
Other Psychoses	31.1	26.9	24.4	17.6
All Cases	14.8	30.3	26.8	28.1

TABLE No. 21  
EDUCATION

Showing the distribution of first admissions according to previous education and present psychoses

Psychoses	Total		Illiterate		Reads and Writes		Common School		High School		University		Unascertained						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					
	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.					
1. Traumatic	6	6			1	1	3	3	1	1			1	1					
2. Senile	79	150	6	13	27	16	31	26	57	3	8	11	12	14					
3. With Cerebral Arteriosclerosis	85	155	1	2	17	13	30	54	42	96	6	5	7	9					
4. General Paralysis	107	138	7	1	8	22	30	60	17	77	11	4	15	7					
5. With Cerebral Syphilis	2	2	1	1				1	3	3									
6. With Huntington's Chorea								3	3					1					
7. With Brain Tumour	1	1	2					1	1	2				1					
8. With other Brain or Nervous Diseases	9	14	1	1	3	3	3	5	8	1	1	1	1	1					
9. Alcoholic	18	19	1	1	3	3	8	1	9	5	5	1	1	1					
10. Due to Drugs and other Exogenous Toxins	6	12					4	4	8	1	2	3	1	1					
11. With Pellagra	30	68	98		6	12	18	16	43	59	5	7	12	6					
12. With other Somatic Diseases	161	145	306	6	32	9	41	94	81	175	19	45	64	4					
13. Manic-Depressive	26	31	57	1	4	7	8	14	16	30	2	4	1	2					
14. Involution Melancholia	288	576	8	14	64	36	100	140	165	305	59	68	127	6					
15. Dementia Praecox	18	24	42	1	4	2	6	7	14	21	5	8	13	1					
16. Paranoia or paranoid conditions	27	27	54	2	4	7	4	11	13	16	29	2	4	1					
17. Epileptic Psychoses	26	32	58	2	3	4	3	7	14	14	28	6	12	18					
18. Psychoneuroses and Neuroses	5	2	7	1	1	1	1	3	3	3	1	1	2	3					
19. With Psychopathic Personality	40	27	67	14	12	11	23	13	11	24	1	3	4	1					
20. With Mental Deficiency	14	18	32	2	3	2	5	5	13	18	1	3	4	2					
21. Undiagnosed Psychoses	228	214	442	97	84	181	68	89	157	37	38	75	18	5					
22. Without Psychoses																			
Total	1176	1065	2241	151	114	265	280	214	494	521	510	1031	147	170	317	46	48	40	88

TABLE No. 21a

Showing the distribution of cases *in percentages* suffering from certain mental diseases according to the extent of their previous education.

Psychoses	Less than Public School Education	Public School Only	More than Public School Education
Dementia Praecox (Schizophrenia)	19.8	53.0	24.1
Manic-Depressive	16.0	57.2	24.8
Senile	37.3	38.0	7.3
Cerebral Arteriosclerosis	20.6	61.9	11.6
General Paralysis	27.5	55.8	11.6
Other Psychoses	51.3	35.0	11.2
All Cases	33.9	46.0	16.2

Using the final figures in each column as a basis for comparison it will be seen that there are marked differences in the average educational status of persons suffering from different mental diseases. Schizophrenia and Manic-Depressive cases include a much higher proportion of persons with High School and University education than do the other groups. More than half of the cases in the group shown as "other psychoses" have not completed a public school education, but it should be remembered that a large number of mental defectives are included in this category.

TABLE No. 22  
PREVIOUS ENVIRONMENT

Showing the proportion of first admissions coming from Rural and Urban centres according to psychosis

Psychoses	Total			Urban, 2,500 and over			Rural		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	6		6	5		5			1
2. Senile	79	71	150	48	46	94	31	25	56
3. With Cerebral Arteriosclerosis	85	70	155	67	60	127	18	10	28
4. General Paralysis	107	31	138	86	27	113	21	4	25
5. With Cerebral Syphilis	2		2	1		1	1		1
6 With Huntington's Chorea		4	4		3	3		1	1
7. With Brain Tumour	1	1	2	1		1		1	1
8. With other Brain or Nervous Diseases	9	5	14	7	3	10	2	2	4
9. Alcoholic	18	1	19	13	1	14	5		5
10. Due to Drugs and other Exogenous Toxins	6	6	12	4	6	10	2		2
11. With Pellagra									
12. With other Somatic Diseases	30	68	98	14	45	59	16	23	39
13. Manic-Depressive	161	145	306	96	101	197	65	44	109
14. Involution-Melancholia	26	31	57	16	21	37	10	10	20
15. Dementia Praecox	288	288	576	174	220	394	114	68	182
16. Paranoia or Paranoid Conditions	18	24	42	14	18	32	4	6	10
17. Epileptic Psychoses	27	27	54	13	14	27	14	13	27
18. Psychoneuroses and Neuroses	26	32	58	20	27	47	6	5	11
19. With Psychopathic Personality	5	2	7	5	2	7			
20. With Mental Deficiency	40	27	67	26	18	44	14	9	23
21. Undiagnosed Psychoses	14	18	32	12	15	27	2	3	5
22. Without Psychoses	228	214	442	181	172	353	47	42	89
Total	1,176	1,065	2,241	803	799	1,602	373	266	639

TABLE No. 22a

Showing the percentage of cases coming from an Urban environment and affording a comparison in this regard between selected mental diseases, all mental hospital first admissions and general population of Ontario

Psychoses	Percentage Urban
Dementia Praecox (Schizophrenia)	68.4
Manic-Depressive	64.4
Senile	62.7
Cerebral Arteriosclerosis	81.9
General Paralysis	81.9
Other Psychoses	73.9
Mental Hospital Admissions—Ontario, 1934	71.5
General Population—Ontario, 1931 Census	61.1

A comparison of mental hospital first admissions for the year and the general population of the Province shows that a considerably higher proportion of hospital admissions come from an urban environment. This is particularly true of Cerebral Arteriosclerotic and General Paralysis.

TABLE No. 23  
ALCOHOLISM

Showing the distribution of first admissions according to the history of alcoholism and present psychosis

Psychoses	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	T.		M.	T.		M.	T.		M.	T.		M.	T.	
		F.	T.		F.	T.		F.	T.		F.	T.		F.	T.
1. Traumatic	6	6		1	3		3	2		2		2			
2. Senile	79	150		35	59		33	9	42	8		33	3	3	6
3. With Cerebral Arteriosclerosis	85	70		43	59		29	9	38	13		29	2	2	2
4. General Paralysis	107	31		21	17		38	59	9	68	4	29	2	1	3
5. With Cerebral Syphilis	2	2		2	2		2	2							
6. With Huntington's Chorea	4	4		3	3		3	1	1						
7. With Brain Tumour	1	1		1	1		1								
8. With other Brain or Nervous Diseases	9	5		3	5		8	4	4			2			
9. Alcoholic	18	1		1	19							18	1	19	
10. Due to Drugs and other Exogenous Toxins	6	6		2	2		2	3	3			3	3	6	1
11. With Pellagra	30	68		11	56		67	10	11	21	7	1	8	2	2
12. With other Somatic Diseases	161	145		64	130		194	75	13	88	18	2	20	4	4
13. Manic-Depressive	26	31		15	28		43	5	3	8	6		6		
14. Involution Melancholia	288	576		124	251		375	119	31	150	34	2	36	11	15
15. Dementia Praecox	18	24		5	21		26	10	3	13	2		2	1	1
16. Paranoia or Paranoid Conditions	27	27		17	24		41	7	2	9	1	1	2	2	2
17. Epileptic Psychoses	26	32		14	26		40	8	5	13	4	1	5		
18. Psychoneuroses and Neuroses	5	2		3	1		4								
19. With Psychopathic Personality	40	27		14	19		33	19	6	25	3	1	4	4	5
20. With Mental Deficiency	14	18		3	12		15	5	6	11	6		6		
21. Undiagnosed Psychoses	228	214		164	192		356	26	12	38	37	8	45	1	3
22. Without Psychoses															
Total	1,176	1,065	2,241	540	906	1,446	415	120	535	191	25	216	30	14	44

TABLE No. 24  
ECONOMIC STATUS

Showing the distribution of first admissions according to their economic status and psychosis.

Psychoses	Total			Indigent			Marginal			Comfortable			Affluent			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	1. Traumatic	6		6	2		2	3		3	1		1					
2. Senile	79	150	33	33	66	2	27	18	45	15	17	32	1	1	2	3	2	5
3. With Cerebral Arteriosclerosis	85	70	155	29	19	48	25	20	45	31	30	61						
4. General Paralysis	107	31	138	56	11	67	44	11	55	4	8	12	1	1	1	2	1	3
5. With Cerebral Syphilis	2		2	1		1	1		1									
6. With Huntington's Chorea	4		4	2		2					2							
7. With Brain Tumour	1	1	2				1	1	2									
8. With other Brain or Nervous Diseases	9	5	14	5	4	9	4	1	5									
9. Alcoholic	18	1	19	7	7	8	8	1	8	2	1	3				1		1
10. Due to Drugs and other Exogenous Toxins	6	6	12	4	4	8	1	1	2	1	1	2						
11. Pellagra																		
12. With other Somatic Diseases	30	68	98	14	18	32	12	30	42	4	19	23						
13. Manic-Depressive	161	145	306	58	32	90	79	54	133	21	53	74				3	5	8
14. Involution Melancholia	26	31	57	10	2	12	11	20	31	3	9	12	1	1	1			
15. Dementia Praecox	288	288	576	159	107	266	95	119	214	27	62	89				7	1	7
16. Paranoia or Paranoid Conditions	18	24	42	10	6	16	4	6	10	3	11	14				1	1	2
17. Epileptic Psychoses	27	27	54	9	10	19	9	16	25	9	1	10						
18. Psychoneuroses and Neuroses	26	32	58	12	10	22	11	9	20	3	12	15	1	1	1			
19. With Psychopathic Personality	5	2	7	3	1	4	1	1	2	1	1	2						
20. With Mental Deficiency	40	27	67	24	15	39	13	8	21	2	5	5				1	1	2
21. Undiagnosed Psychoses	14	18	32	10	10	20	1	4	5	1	4	5				2	2	2
22. Without Psychoses	228	214	442	101	121	222	89	76	165	36	16	52				1	1	2
Total	1176	1065	2241	547	405	952	439	394	833	164	250	414	3	4	7	23	12	35

TABLE No. 24a

## ECONOMIC STATUS

Showing the distribution of cases *in percentages* suffering from certain mental diseases according to their economic status

Psychoses	Indigent	Marginal	Comfortable	Affluent	Unascertained	Total
Dementia-Praecox (Schizophrenia).....	46.2	37.2	15.4	.....	1.2	100.
Manic-Depressive .....	29.4	43.5	24.3	0.3	2.6	100.
Senile .....	44.0	30.0	21.4	1.3	3.3	100.
Cerebral Arteriosclerosis	31.0	29.0	39.4	.....	0.6	100.
General Paralysis .....	48.6	39.9	8.7	0.7	2.1	100.
Other Psychoses .....	45.3	37.2	16.0	0.3	1.2	100.
All Cases .....	42.4	37.1	18.5	0.3	1.7	100.

When compared with 1933 the above table shows that for the group as a whole there has been a decrease in the proportion of "comfortable", and a corresponding increase in the proportion of "marginal" cases.

The economic status of those in the Cerebral Arteriosclerotic group is very markedly superior.

A much smaller proportion of Manic-Depressive cases than of Dementia Praecox cases are indigent at the time of admission.

TABLE No. 25  
MARITAL STATUS  
Showing the distribution of first admissions according to marital status and psychosis

Psychoses	Total		Single		Married		Widowed		Separated		Divorced		Unascertained						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					
	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.					
1. Traumatic	6	6	4	4	1	1	1	1											
2. Senile	79	150	16	20	36	16	52	35	60	2									
3. With Cerebral Arteriosclerosis	85	70	155	20	35	46	24	70	30	47	2								
4. General Paralysis	107	31	138	37	6	43	61	19	80	7	3	1	1	2					
5. With Cerebral Syphilis	2	2	1	1	1	1	1	1											
6. With Huntington's Chorea	4	4	4	1	1	3	3												
7. With Brain Tumour	1	1	2	1	2														
8. With other Brain or Nervous Diseases	9	5	14	4	4	5	4	9	1	1									
9. Alcoholic	18	1	19	10	10	5	1	6			2	1	1						
10. Due to Drugs and other Exogenous Toxins	6	6	12	1	3	5	3	8	1	1									
11. With Pellagra																			
12. With other Somatic Diseases	30	68	98	9	11	20	52	72	1	4	5								
13. Manic-Depressive	161	145	306	57	49	106	93	79	172	8	16	24	1	2					
14. Involution Melancholia	26	31	57	7	8	15	18	19	37	1	4	5							
15. Dementia Praecox	288	288	576	216	144	360	59	125	184	8	16	24	3	2					
16. Paranoia or Paranoid Conditions	18	24	42	5	8	13	9	10	19	2	5	7	1	1					
17. Epileptic Psychoses	27	27	54	19	16	35	7	10	17	1	1	1	1	1					
18. Psychoneuroses and Neuroses	26	32	58	8	12	20	15	20	35	1	1	1	1	1					
19. With Psychopathic Personality	5	2	7	3	3	2	1	3	1	1	1	1							
20. With Mental Deficiency	40	27	67	33	21	54	6	12	1	1									
21. Undiagnosed Psychoses	14	18	32	5	4	9	14	23											
22. Without Psychoses	228	214	442	197	193	390	24	17	41	3	2	5	2	4					
Total	1176	1065	2241	653	511	1164	422	423	845	76	118	194	14	10	24	8	3	11	3



TABLE No. 26

## ABNORMAL CONDITIONS IN RELATIVES

Showing the distribution of first admissions according to the reported abnormal conditions in the relatives and present psychosis

Psychoses	Total	Psychoses	Neuroses	Mental Deficiency	Suicidal Attempts	Psychopathic Personality	Alcohol, Drugs, etc.	Unascertained	Denied
1. Traumatic Psychoses	6		2					1	3
2. Senile Psychoses	150	32	8		2		1	35	72
3. Psychoses with Cerebral Arteriosclerosis	155	33	3	2	2	1	6	32	76
4. General Paralysis	138	15	2		3		5	19	94
5. Psychoses with Cerebral Syphilis	2							1	1
6. Psychoses with Huntington's Chorea	4	3	1						
7. Psychoses with Brain Tumour	2	1						1	
8. Psychoses with other Brain or Nervous Diseases	14	2	1					2	9
9. Alcoholic Psychoses	19	3					2	4	10
10. Psychoses due to Drugs and other Exogenous Toxins	12	1	1		1		1	2	6
11. Psychoses with Pellagra									
12. Psychoses with other Somatic Diseases	98	17	7	1	2		2	8	61
13. Manic-Depressive Psychoses	306	76	25	8	7	3	6	25	156
14. Involutional Melancholia	57	17	4		2			4	30
15. Dementia Praecox (Schizophrenia)	576	129	34	7	11	5	20	84	286
16. Paranoia or Paranoid Conditions	42	6	4		1		2	5	24
17. Epileptic Psychoses	54	3	3	3	2		4	6	33
18. Psychoneuroses and Neuroses	58	11	5				4	8	30
19. Psychoses with Psychopathic Personality	7	3	1		1			1	1
20. Psychoses with Mental Deficiency	67	17	3	7			3	15	22
21. Undiagnosed Psychoses	32	2	3				1	6	20
22. Without Psychoses	442	55	15	79	2		16	123	152
Totals	2241	426	122	107	36	9	73	382	1086

TABLE No. 26a

Showing *in percentages* the distribution of cases suffering from certain mental diseases according to the type and frequency of reported abnormal conditions in relatives

Psychoses	Reported Abnormal Conditions				Unascertained	Denied	Total
	Psychoses	Neuroses	Other	Total			
Dementia Praecox (Schizophrenia)	22.4	5.9	7.5	35.8	14.6	49.6	100.
Manic-Depressive	24.8	8.2	7.8	40.8	8.2	51.0	100.
Senile	21.3	5.3	2.1	28.7	23.3	48.0	100.
Cerebral Arteriosclerosis	21.3	1.9	7.1	30.3	20.7	49.0	100.
General Paralysis	10.9	1.4	5.8	18.1	13.8	68.1	100.
Other Psychoses	15.4	5.5	14.8	35.7	20.4	43.9	100.
All Cases	19.1	5.4	10.0	34.5	17.0	48.5	100.

The frequency of abnormal conditions reported to exist in the relatives of first admissions has shown some increase over the previous year. Such reports are relatively frequent for Manic-Depressive cases and relatively infrequent for cases of General Paralysis. Abnormal conditions in relatives of the patients are denied in about half of all cases.

TABLE No. 27

## RE-ADMISSIONS

Showing the distribution of cases re-admitted to hospital according to psychosis

Psychoses	Males	Females	Total	
			Number	%
1. Traumatic Psychoses .....	1		1	0.2
2. Senile Psychoses .....	4	2	6	1.3
3. Psychoses with Cerebral Arteriosclerosis .....	12	6	18	3.9
4. General Paralysis .....	10	4	14	2.9
5. Psychoses with Cerebral Syphilis .....				
6. Psychoses with Huntington's Chorea .....				
7. Psychoses with Brain Tumour .....				
8. Psychoses with other Brain or Nervous Diseases .....	3		3	0.6
9. Alcoholic Psychoses .....	4	1	5	1.1
10. Psychoses Due to Drugs and other Exogenous Toxins .....	2	1	3	0.6
11. Psychoses with Pellagra .....				
12. Psychoses with Somatic Diseases .....	4	4	8	1.7
13. Manic-Depressive Psychoses .....	60	93	153	32.2
14. Involution Melancholia .....	3	12	15	3.1
15. Dementia Praecox .....	64	66	130	27.3
16. Paranoia and Paranoid Conditions .....	4	6	10	2.0
17. Epileptic Psychoses .....	6	5	11	2.3
18. Psychoneuroses and Neuroses .....	8	6	14	2.9
19. Psychoses with Psychopathic Personality .....	2		2	0.4
20. Psychoses with Mental Deficiency .....	5	12	17	3.6
21. Undiagnosed Psychoses .....	5	1	6	1.3
22. Without Psychoses .....	38	22	60	12.6
Total .....	235	241	476	100.

It should be observed that according to the above figures the necessity for re-admission is only slightly less frequent among cases of Dementia Praecox than among cases of Manic-Depressive psychoses, and that taken together these two conditions account for nearly 60% of all re-admissions.

TABLE No. 28  
Showing disposal of first admissions and re-admissions

Disposals	Male	Female	Total	
			Number	%
Discharged	211	155	366	13.5
Died	122	89	211	7.8
Transferred	15	12	27	1.0
Eloped and were not recaptured	18	2	20	0.7
On Probation	132	149	281	10.3
Remaining in Hospital	913	899	1,812	66.7
Totals	1,411	1,306	2,717	100.0

TABLE No. 29  
DISCHARGED PATIENTS

Showing the distribution of patients discharged from each hospital according to their condition at time of discharge

Hospitals	CLASSIFICATION OF DISCHARGES														
	Totals			As Recovered			As Improved			As Unimproved			As Without Psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	90	73	163	29	37	66	50	31	81	3	1	4	8	4	12
Cobourg		4	4											4	4
Hamilton	112	106	218	33	31	64	63	63	126	8	7	15	8	5	13
Kingston	52	52	104	8	20	28	28	32	60	5		5	11		11
London	101	84	185	32	35	67	49	42	91	8	5	13	12	2	14
Mimico	90	92	182	13	6	19	66	79	145	7	6	13	4	1	5
Orillia	45	43	88										45	43	88
Penetang	9	5	14		1	1	7	4	11	2		2			
Toronto	55	49	104	10	16	26	29	27	56	9	3	12	7	3	10
Whitby	124	106	230	31	31	62	52	62	114	13	7	20	28	6	34
Woodstock	21	22	43	5	5	10	1	3	4	1		1	14	14	28
Totals	699	636	1335	161	182	343	345	343	688	56	29	85	137	82	219
Percentage			100.			25.7			51.5			6.4			16.4

TABLE No. 30  
DISCHARGED PATIENTS

Showing the distribution of discharged patients according to the condition of the patient at the time of discharge and the psychosis while in the hospital

Psychoses	Total			Recovered			Improved			Unimproved			Without Psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2		2	1		1	1		1						
2. Senile	18	15	33	1		1	13	12	25	4	3	7			
3. With Cerebral Arteriosclerosis	35	25	60	4	7	11	27	18	45	4		4			
4. General Paralysis	33	17	50	5	6	11	23	10	33	5	1	6			
5. With Cerebral Syphilis	1		1				1		1						
6. With Huntington's Chorea		1	1					1	1						
7. With Brain Tumour	1	1	2							1	1	2			
8. With other Brain or Nervous Diseases	7	2	9				4	1	5	3	1	4			
9. Alcoholic	20	2	22	12	1	13	8	1	9						
10. Due to Drugs and other Exogenous Toxins	8	5	13	4	3	7	2	2	4	2		2			
11. With Pellagra															
12. With other Somatic Diseases	12	26	38	6	13	19	6	13	19						
13. Manic-Depressive	156	166	322	70	77	147	80	82	162	6	7	13			
14. Involution Melancholia	13	34	47	5	10	15	7	23	30	1	1	2			
15. Dementia Praecox	183	167	350	36	35	71	121	124	245	26	8	34			
16. Paranoia and other Paranoid Conditions	9	15	24	1	3	4	8	12	20						
17. Epileptic Psychoses	14	14	28	4	6	10	8	7	15	2	1	3			
18. Psychoneuroses and Neuroses	24	31	55	4	10	14	19	18	37	1	3	4			
19. With Psychopathic Personality	5	3	8	3	1	4	2	2	4						
20. With Mental Deficiency	14	25	39	2	9	11	11	16	27	1		1			
21. Undiagnosed Psychoses	7	5	12	3	1	4	4	1	5		3	3			
22. Without Psychoses	137	82	219										137	82	219
Total	699	636	1335	161	182	343	345	343	688	56	29	85	137	82	219

TABLE No. 31—  
Showing the distribution of patients who died during

Cause of Death	PSYCHOSES		
	Total	Senile	With Cerebral Arterio-sclerosis
<b>I. EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES:</b>			
Typhoid and paratyphoid fever.....			
Measles.....			
Scarlet Fever.....			
Diphtheria.....			
Influenza.....	2		
Dysentery.....			
Erysipelas.....	8		1
Lethargic encephalitis.....			
Tuberculosis of the respiratory system..	72	1	1
Tuberculosis of other organs.....	1		
Syphilis (non-nervous forms).....	2	1	
Purulent infection, septicaemia.....	5		
Other infectious diseases.....	4		
Sub-Totals.....	94	2	2
<b>II. GENERAL DISEASES NOT INCLUDED IN CLASS I:</b>			
Cancer and other malignant tumours.....	23	3	1
Tumour (non-cancerous).....	1		
Rheumatism.....			
Pellagra.....	2		
Diabetes.....	6		
Alcoholism (acute or chronic).....			
Other general diseases.....	8	2	
Sub-Totals.....	40	5	1
<b>III. DISEASES OF THE NERVOUS SYSTEM:</b>			
Meningitis (non-epidemic).....			
Tabes dorsalis (locomotor ataxia).....	1		
Other diseases of spinal cord.....	2		
Cerebral hemorrhage, apoplexy.....	44	2	7
General paralysis of the insane.....	37	1	
Other forms of mental disease.....	44	6	2
Epilepsy.....	13	1	
Chorea.....	3		
Other diseases of the nervous system.....	16	4	
Sub-Totals.....	160	14	9
<b>IV. DISEASES OF THE CIRCULATORY SYSTEM:</b>			
Pericarditis.....			
Endocarditis and myocarditis.....	128	41	22
Angina pectoris.....	1		
Other diseases of the heart.....	10	3	2
Arteriosclerosis.....	73	25	31
Other diseases of the arteries.....			
Other diseases of the circulatory system.....	4	1	
Sub-Totals.....	216	70	55
<b>V. DISEASES OF THE RESPIRATORY SYSTEM:</b>			
Bronchitis.....			
Broncho Pneumonia.....	103	32	16
Lobar pneumonia.....	33	5	4
Pleurisy.....	1		
Asthma.....			
Other diseases of the respiratory system (tuberculosis excepted).....			
Sub-Totals.....	137	37	20



TABLE No. 31—  
Showing the distribution of patients who died during

Cause of Death	PSYCHOSES		
	Total	Senile	With Cerebral Arterio-sclerosis
<b>VI. DISEASES OF THE DIGESTIVE SYSTEM:</b>			
Diseases of the pharynx and tonsils			
Ulcer of stomach and duodenum	1		
Other diseases of stomach (cancer excepted)			
Diarrhea and enteritis	5	2	1
Appendicitis and typhilitis	3		
Hernia and intestinal obstruction	4		
Other diseases of intestines	1		1
Cirrhosis of liver			
Biliary calculi			
Other diseases of liver			
Other diseases of digestive system (cancer and tuberculosis excepted)	1		
Sub-Totals	15	2	2
<b>VII. NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA:</b>			
Nephritis	9	3	
Other diseases of kidneys and annexa	1		
Diseases of bladder			
Diseases of prostate			
Benign tumours of uterus			
Other diseases of genital organs			
Other diseases of genito-urinary system	1	1	
Sub-Totals	11	4	
<b>VIII. DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE:</b>			
Gangrene	2		
Other diseases of skin and annexa	2	1	
Sub-Totals	4	1	
<b>IX. DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION (tuberculosis and rheumatism excepted)</b>	1		
<b>X. OTHER DISEASES NOT INCLUDED IN ABOVE GROUPS</b>	7	1	1
<b>XI. EXTERNAL CAUSES:</b>			
Suicide	4		
Homicide			
Accidental poisoning			
Accidental traumatism	5		
Other external causes	1		
Sub-Totals	10		
Grand Totals	695	136	90



CAUSE OF DEATH—Continued

the year according to the cause of death and psychoses

PSYCHOSES

General Paralysis	Manic-Depressive	Involution Melancholia	Dementia Praecox	Paranoia and Paranoid Conditions	Epileptic Psychosis	All Others
		1				
			2			
	1		3		1	1
			1			
	1	1	6		1	2
	1		2			3
						1
	1		2			4
	1		2			
	1		2			
						1
	3				1	1
			2	1	1	
	1		1			3
			1			
	1		4	1	1	3
61	68	21	154	6	32	127

TABLE No. 32—

Showing the distribution of patients who died in the hospitals

Psychoses	Total			Under 15 years			15-19 Years			20-24 Years			25-29 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	1		1												
2. Senile.....	64	72	136												
3. With Cerebral Arteriosclerosis.....	53	37	90												
4. General Paralysis.....	50	11	61							1	1	1	1	1	2
5. With Cerebral Syphilis.....															
6. With Huntington's Chorea.....	1	2	3												
7. With Brain Tumour.....															
8. With other Brain or Nervous Diseases.....	3	6	9											1	1
9. Alcoholic.....	2		2												
10. Due to Drugs and other Exogenous Toxins.....		2	2												
11. With Pellagra.....															
12. With other Somatic Diseases.....	13	21	34							1	1	1	1	2	3
13. Manic-Depressive.....	32	36	68				1	1	2	1		1		1	1
14. Involution Melancholia.....	9	12	21												
15. Dementia Praecox.....	57	97	154				1		1	1	2	3	2	2	4
16. Paranoia or Paranoid Conditions.....	3	3	6												
17. Epileptic Psychoses.....	17	15	32								1	1	2	1	3
18. Psychoneuroses and Neuroses.....	2	2	4							1		1			
19. With Psychopathic Personality.....															
20. With Mental Deficiency.....	5	7	12					1	1	2	1	3			
21. Undiagnosed Psychoses.....	2	1	3								1	1			
22. Without Psychoses.....	30	27	57	10	3	13	4	7	11	5	1	6	2	2	4
Total.....	344	351	695	10	3	13	6	9	15	10	8	18	8	10	18



TABLE No. 33—  
Showing the distribution of patients who died during the year

Psychoses	Total			Less than 1 month			1-3 Months			4-7 Months			8-12 Months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic .....	1		1				1		1						
2. Senile.....	64	72	136	12	14	26	16	10	26	11	7	18	5	2	7
3. With Cerebral Arteriosclerosis	53	37	90	10	8	18	15	7	22	8	5	13	5	4	9
4. General Paralysis.....	50	11	61	11	3	14	12	1	13	5	2	7	3	1	4
5. With Cerebral Syphilis .....															
6. With Huntington's Chorea .....	1	2	3												
7. With Brain Tumour.....															
8. With other Brain or Nervous Diseases .....	3	6	9				2	4	6				1		1
9. Alcoholic .....	2		2	1		1				1		1			
10. Due to Drugs or other Exogenous Toxins.....		2	2												
11. With Pellagra .....															
12. With other Somatic Diseases ..	13	21	34	9	9	18	1	7	8	1	1	2	1	1	2
13. Manic-Depressive.....	32	36	68	6	4	10	4	3	7	3	1	4	4	5	9
14. Involution Melancholia .....	9	12	21	1	2	3	3	1	4	1	1	2	1	1	1
15. Dementia Praecox .....	57	97	154	1	7	8	5	4	9	1	4	5	2	2	4
16. Paranoid or Paranoid Conditions.....	3	3	6							1	1				
17. Epileptic Psychoses.....	17	15	32	2		2	1	1	2		1	1	1	1	2
18. Psychoneuroses and Neuroses ..	2	2	4				1		1		2	2			
19. With Psychopathic Personality ..															
20. With Mental Deficiency.....	5	7	12				1	3	4	2	1	3	1	1	2
21. Undiagnosed Psychoses .....	2	1	3	1	1	2									
22. Without Psychoses .....	30	27	57	1	1	2	3	2	5	5	5	10	2	3	5
Total.....	344	351	695	55	49	104	65	43	108	38	31	69	25	21	46

## LENGTH OF HOSPITAL LIFE

according to their length of stay in hospital and their psychoses

1-2 Years			3-4 Years			5-6 Years			7-8 Years			9-10 Years			11-12 Years			13-14 Years			15-19 Years			20 Years and Over			
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
9	16	25	4	8	12	3	2	5	2	5	7	1	1	2	1	2	3				1	1				4	4
9	9	18	3		3	1	2	3	1	1	1	1	1												1	1	2
6	3	9	6		6	2		2	3	1	4	1		1											1		1
	1	1		1	1										1	1											
	2	2																									
	2	2																									
1	2	3		1	1																						
4	8	12	1	5	6	1	1	2	2	1	3	1	2	3							1	2	3	5	4	9	
1	1	2	1	1	2	2	2	2				1	1	1							1	1	1		3	3	
7	14	21	13	8	21	1	5	6	2	4	6	1	6	7	4	4	8	2	4	6	2	5	7	16	30	46	
2		2							1	1																	
1	5	6	1	2	3	2	1	3				1	1	1	1	2	1	1	1	4	2	2	5	2	2	4	
			1		1																						
	1	1	1		1					1	1																
						1	1																				
5	3	8	3	1	4	2		2	2	1	1	2	2	4				1	1	2		2		2	3	10	13
45	67	112	34	27	61	15	11	26	12	12	24	7	13	20	7	7	14	4	4	8	9	12	21	28	54	82	

TABLE No. 31a

## CAUSE OF DEATH

Showing a summary of the distribution of patients who died during the year according to the cause of death and psychosis.

Cause of Death	PSYCHOSES										Total	
	Senile	With Cerebral Arteriosclerosis	General Paralysis	Manic-Depressive	Involution Melancholia	Dementia Praecox	Paranoia & Paranoid Conditions	Epileptic Psychosis	All other Psychoses	No.	%	
1. Epidemic, Endemic and Infectious Diseases	2	2	2	4	2	40	2	5	35	94	13.6	
2. General Diseases not included in Class I	5	1	1	4	8	13		1	7	40	5.7	
3. Diseases of the Nervous System	14	9	53	14	3	22	2	10	33	160	23.0	
4. Diseases of the Circulatory System	70	55	2	22	4	40		5	18	216	31.1	
5. Diseases of the Respiratory System	37	20	3	17	3	25	1	8	23	137	19.7	
6. Diseases of the Digestive System	2	2		1	1	6		1	2	15	2.2	
7. Non-Venereal Diseases of Genito-Urinary System and Annexa	4			1		2			4	11	1.6	
8. Diseases of the Skin and Cellular Tissue	1			1		2				4	0.6	
9. Diseases of the Bones and Organs of Locomotion									1	1	0.1	
10. Other Diseases not included in above Groups	1	1		3				1	1	7	1.0	
11. External Causes				1		4	1	1	3	10	1.4	
Total	Number	136	90	61	68	21	154	6	32	127	695	100.
	Percentage	19.6	12.9	8.8	9.8	3.0	22.2	0.8	4.6	18.3	100.	

TABLE No. 33a

## LENGTH OF HOSPITAL LIFE

Showing in *percentages* the distribution of deaths in certain mental diseases according to their length of stay in hospital

Psychoses	Number of Deaths	Length of Stay in Hospital				
		Under one month	1 to 12 months	1 to 6 years	7 to 19 years	20 years and over
Dementia Praecox (Schizophrenia)	154	5.2	11.7	31.1	22.1	29.9
Manic-Depressive	68	14.8	29.4	29.4	13.2	13.2
Senile	136	19.1	37.5	30.9	9.6	2.9
Cerebral Arteriosclerosis	90	20.0	48.9	26.7	2.2	2.2
General Paralysis	61	23.0	39.3	27.9	8.2	1.6
Other Psychoses	186	15.1	35.5	25.8	12.9	10.7
All Cases	695	15.0	32.1	28.6	12.5	11.8

TABLE No. 34  
REAL ESTATE

Showing the date of opening, the acreage and the real estate value of the property for each hospital

Name of Hospital	Date Opening	Acreage		Acres in Fruit and Vegetables	Acres in Grain	Acres in Buildings and Grounds	Acres in Bush or not Cultivated	*Value of Real Estate
		Owned	Rented					
Brockville...	Dec. 27, 1894	569	.....	40	369	35	125	\$64,860.00
Cobourg.....	June, 1920	11	.....	4	.....	7	.....	16,500.00
Hamilton.....	Mar. 17, 1876	525	.....	87	364	74	.....	50,000.00
Kingston.....	1864	257	.....	13	154	90	.....	68,600.00
London.....	1870	505	.....	90	307	70	38	180,000.00
Mimico.....	1890	156	.....	53	53	50	.....	350,000.00
Orillia.....	April 1, 1876	500	30	98	180	100	152	48,000.00
Penetang.....	Aug. 16, 1904	383	.....	22	88	13	260	6,000.00
Toronto.....	1846	20	.....	5	.....	15	.....	300,000.00
Whitby.....	Jan. 1, 1920	640	.....	125	365	150	.....	128,000.00
Woodstock.....	1906	324	.....	18	216	50	40	24,300.00
Totals.....	.....	3,890	30	555	2,096	654	615	\$1,236,260.00

\*Does not include value of buildings.



TABLE No. 35  
STAFF

Showing the classification of staff at each hospital, together with the kind of work at which they are employed.

HOSPITALS	Superintendent	Senior Assistant Physician	Clinic Physician	Assistant Physicians	Consultants	Psychologists	Psychometrists	Occupational Therapists	Dentists	Dietitians	Teachers	Instructors	Stewards	Storekeepers	Store Assistants	Clerks, Seno- graphers, etc.		Superintendents of Nurses	Nurse Supervisors	Graduate Nurses	Nurses-in-Training	Nurse-Attendants	Chief Supervisors	Attendants	Kitchen and Dining Room Help		Laundry Help		Other Domestic Help	Farmers, Gardeners and Assistants	Engineers and other Mechanical Help	All other Male Employees	All other Female Employees	Totals	
																	M	F								M	F	M	F						
Brockville	1	1	1	3		1		2	1	1			1	1	1	2	7	1	1	43	28	1	1	1	61	5	5	1	5	6	8	17	5	1	212
Cobourg	1		1	1			1	1	1	1			1		1	2	2	1	1	38	2	2				5	5	2	1	2	4	5	3	76	
Hamilton	1	1	1	5		1		4	1	1			1	1	1	1	5	1	38	47						3	10	2	6	1	11	14	14	4	250
Kingston	1	1	1	5	1	1		3	1	1			1	1	1	1	5	1	34	42						5	1	3	3	4	12	7	4	213	
London	1	1	1	5	1	1		4	1	1			1	1	1	1	7	1	33	62						3	14	2	8	17	21	4	4	291	
Mimico	1	1	1	5	3	1		4	1	1			1	1	1	2	6		5	43	71	2	1	1	67	3	3	2	7	4	18	1	1	259	
Orillia	1	1	1	5	1	1		1	1	1	12	2	1	1	1	5	9	1	13	21	39	17	1	1	66	10	14	2	5	4	11	23	1	1	272
Penetang	1	1	1	1				1	1				1	1		2	2	1	2	4		18	2	42	2	3	1	3	1	5	6	4	2	105	
Toronto	1	1	1	4	3			4	1	1			1	1	1	3	3	1	11	34	29		1	1	57	2	7	1	6	4	1	10	7	4	197
Whitby	1	2	1	5	1	1		5	1	1			1	1	2	3	7	1	3	123	11	1	1	1	97	8	13	2	7	5	12	19	1	4	339
Woodstock	1			2				1	1	1			1	1	1	1	5	1		24		10			41	3	6	1	5	7	9	2	1	124	
Totals	11	9	7	41	7	7	2	29	11	10	12	2	11	10	10	16	58	10	36	435	331	51	10	666	44	80	15	52	40	82	153	51	29	2,338	

TABLE No. 36

## PER CAPITA COST STATEMENT

Showing an itemized statement of the cost per patient in each of the hospitals

Items	HOSPITALS										Woodstock cents
	Brockville	Cobourg	Hamilton	Kingston	London	Mimico	Orillia	Penetang	Toronto	Whitby	
	cents	cents	cents	cents	cents	cents	cents	cents	cents	cents	
Medicines.....	2 67	1 17	1 73	2 30	2 13	2 70	1 35	2 98	2 19	2 13	3 15
Provisions.....	15 03	15 65	16 21	15 31	15 36	15 65	14 77	16 30	14 28	18 24	15 25
Fuel, Light and Water.....	12 04	13 70	10 15	13 30	8 40	10 43	8 36	11 21	10 18	12 70	13 09
Clothing.....	4 32	4 33	2 33	2 96	3 61	3 40	4 67	5 72	2 93	4 46	3 32
Laundry and Cleaning.....	1 82	2 22	1 49	1 52	1 89	1 83	1 96	1 88	1 77	1 95	2 62
Furniture and Furnishings.....	6 09	5 25	3 22	2 59	4 03	6 63	2 27	2 49	3 46	4 93	2 45
Office Expense.....	47	60	48	34	46	46	32	72	38	54	88
Allowances.....	5 35	7 17	5 99	5 26	4 26	4 33	3 71	5 32	4 23	5 71	6 27
Feed and Fodder.....	3 19	3 22	3 22	1 42	2 70	12	1 51	3 46	04	2 50	2 55
Farm Expense.....	1 83	58	76	67	1 32	55	65	1 26	20	1 35	1 77
Contingencies.....	1 21	2 03	1 06	1 15	82	99	96	1 41	59	99	1 32
Salaries.....	58 89	42 57	49 61	50 79	51 34	45 22	39 74	53 14	48 45	51 83	69 51
Total Gross Per Capita.....	112 91	95 27	96 25	97 61	96 26	92 31	80 27	105 89	88 70	107 33	122 18
Less Recoveries.....	33 93	18 67	41 58	26 98	41 17	23 25	16 40	26 38	18 19	55 24	56 20
Net Per Capita Cost.....	78 98	76 60	54 67	70 63	55 09	69 06	63 87	79 51	70 51	52 09	65 98
Repairs to Buildings Expense.....	13 22	16 54	17 64	18 22	8 59	16 68	10 47	27 06	10 96	9 52	9 71
Total Per Capita payable by Province.....	92 20	93 14	72 31	88 85	63 68	85 74	74 34	106 57	81 47	61 61	75 69

TABLE No. 37  
ANNUAL DENTAL REPORT

	ONTARIO HOSPITALS											Totals	
	Brockville	Cobourg	Hamilton	Kingston	London	Mimico	Orillia	Penetang	Toronto	Whitby	Woodstock		Psychiatric
Number of patients in Hospital during the year	1,221	515	1,829	1,355	1,853	1,693	2,173	665	1,307	2,113	586	716	16,026
Number of half days work	52	50	156	102	157	172	*	60	157	149	107	52	1,214
Patients at clinic	680	451	1,387	808	1,530	1,199	2,538	682	1,757	1,922	1,544	630	15,128
Number of examinations only	290	143	275	367	407	559	686	177	495	748	595	508	5,250
Public charge patients treated	319	292	701	282	851	541	1,584	468	1,175	650	790	117	7,170
Private charge patients treated	71	16	411	159	104	99	268	37	87	524	159	5	2,108
Patients X-rayed	35						146		69	476		3	833
Number of pictures taken	116				374		229		909	3,569		32	5,229
Extractions	440	164	466	645	743	1,064	1,184	344	735	1,282	247	28	7,342
General Anaesthetics	22		2	19	66	4	16	2	38	18	1		188
Local Anaesthetics	160	55	446	466	209	277	598	218	308	1,036	163	28	3,964
Fillings	188	156	420	433	179	203	420	100	151	202	240	6	2,698
Pyorrhoea Treatments	58	31	77	172	226	128	304	29	47	166	83		1,321
Prophylaxis	109	66	381	154	164	181	19	133	442	146	219	58	2,072
Other treatments	8	8	195	585	282	195	333		414	116	111	38	2,285
Replacements	3	4	4	5	24	39	24		11	55	1	7	177
Dentures Repaired	10	13	3	14	33	34	28	5	46	33	39		258
Other Work	19	70	73	70	66		74	39	87	114	208		820

If a hospital shows an examination or treatment total larger than the number of patients shown as having been in the hospital during the year it is due to the fact that the dentist examines or treats a patient more than once during the year.

\*Full time.

SUPPLEMENTARY STATISTICAL TABLES ON THE  
ONTARIO HOSPITAL, ORILLIA.

(*Hospital for Feeble-minded*).

TABLE No. 1

Showing the patient population as on October 31st, 1934 according to mental status

Mental Status	Male	Female	Total	
			No.	%
Idiot	185	193	378	21.0
Imbecile	531	450	981	54.3
Moron	180	200	380	21.1
Border Line	19	24	43	2.4
Not Feeble-Minded	13	10	23	1.2
Total	928	877	1,805	100.

TABLE No. 2

Showing the distribution of first admissions according to age and mental status

Age Group	Total			Idiot			Imbecile			Moron			Others		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	41	29	70	12	16	28	18	9	27	8	4	12	3	—	3
10 to 14 years	43	31	74	5	4	9	14	15	29	17	10	27	7	2	9
15 to 19 years	38	35	73	3	2	5	9	11	20	22	16	38	4	6	10
20 to 24 years	2	2	4	—	1	1	2	—	2	—	1	1	—	—	—
25 to 29 years	2	1	3	1	—	1	1	—	1	—	1	1	—	—	—
30 years and over	1	3	4	—	2	2	—	1	1	1	—	1	—	—	—
Totals	127	101	228	21	25	46	44	36	80	48	32	80	14	8	22

TABLE No. 2a

Showing *in percentage* the distribution of first admissions according to age and mental status

Age Group	All Cases	Idiot	Imbecile	Moron	Others
Under 10 years	30.7	60.9	33.7	15.0	13.6
10 to 14 years	32.5	19.5	36.3	33.7	40.9
15 to 19 years	32.0	10.8	25.0	47.4	45.5
20 to 24 years	1.7	2.2	2.5	1.3	
25 to 29 years	1.3	2.2	1.3	1.3	
30 years and over	1.8	4.4	1.2	1.3	1.8
All Ages	100.	100.	100.	100.	100.

It will be observed from the above table that there is a rather close relationship between the degree of mental defect and the age of admission to hospital, the more seriously defective cases being admitted at an earlier age. It will also be seen that 95% of first admissions during the past year have been under 20 years of age.

TABLE No. 3

Showing the distribution of first admissions according to mental status and the economic condition of the families from which they come

Economic Condition	Total			Idiot			Imbecile			Moron			Others		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Indigent	57	52	109	5	11	16	15	11	26	32	24	56	5	6	11
Marginal	57	38	95	14	9	23	20	21	41	14	7	21	9	1	10
Comfortable	13	11	24	2	5	7	9	4	13	2	1	3	—	1	1
Totals	127	101	228	21	25	46	44	36	80	48	32	80	14	8	22

TABLE No. 3a

Showing *in percentage* the distribution of first admissions according to mental status and the economic condition of families from which they come

Economic Condition	All Cases	Idiot	Imbecile	Moron	Others
Indigent	47.8	34.8	32.5	70.0	50.0
Marginal	41.7	50.0	51.3	26.3	45.5
Comfortable	10.5	15.2	16.2	3.7	4.5
Totals	100.	100.	100.	100.	100.

It would appear from these figures that a definite relationship exists between the degree of mental defect and the economic status of the families from which these first admissions come. Comparing the idiot and imbecile groups with the moron group a much larger proportion of the former come from comfortable homes.

TABLE No. 4

Showing the distribution of discharged patients according to mental status and age at discharge

Age Group	Total			Idiot			Imbecile			Moron			Others		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years .....	3	3	6	3		3		2	2		1	1			
10 to 14 years .....	9	4	13				5	2	7	4	2	6			
15 to 19 years .....	22	19	41	1		1	5	3	8	14	14	28	2	2	4
20 to 24 years .....	8	8	16				3	1	4	4	6	10	1	1	2
25 to 29 years .....	3	6	9		1	1	1		1	1	4	5	1	1	2
30 years and over .....		3	3								3	3			
Totals .....	45	43	88	4	1	5	14	8	22	23	30	53	4	4	8

TABLE No. 5

Showing the distribution of patients who died during the year according to mental status and age at death

Age Group	Totals			Idiot			Imbecile			Moron		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years .....	6	3	9	5	3	8	1		1			
10 to 14 years .....	3		3	3		3						
15 to 19 years .....	4	6	10	4	4	8		1	1		1	1
20 to 24 years .....	4	1	5	2		2	2	1	3			
25 to 29 years .....	1		1	1		1						
30 to 34 years .....	1	2	3		2	2	1		1			
50 years and over .....		5	5					3	3		2	2
Totals .....	19	17	36	15	9	24	4	5	9		3	3

THE DEPARTMENT OF NEUROPATHOLOGY AND  
RESEARCH DIVISION

*J. A. Hannah, M.D., Neuropathologist*

Although the volume of work in this division has still further decreased from last year, the time has been utilized in research problems, some of which have given gratifying results.

Material from twenty-one autopsies was examined during the year. The material coming from the following hospitals: Whitby 14, Toronto 1, Hamilton 5, and Kingston 1.

Nervous tissue was put into fixative (after blocks from the fresh material was taken; put into special fixatives for special staining reactions) and when received in the central laboratory was again examined in such a manner as to reveal any pathology which might be present. Additional blocks were taken for making microscopic slides. Having received the slides, they were carefully examined under the microscope. All descriptions were dictated, typed and filed for future reference under a cross index system. Copies of all reports were sent to the various hospitals together with duplicate slides. In all 7,596 ordinary slides were made and examined, and the findings recorded. In all, 25 cases were so examined and reported during the year, the additional four cases having remained over from 1933.

In addition to the above ordinary microscopic slides, there were made 132 microscopic slides of whole organs. These preparations are most valuable, both for the information they give, and from a teaching point of view. By this method, lesions which could not be demonstrated by small preparations are brought to light. The true anatomic relationship of the lesion to all surrounding structures readily becomes apparent. A technique for using Weigert's myelin sheath stains on these sections, which is proving useful in many ways, was completed during the past year.

There has been brought to completion the first communication on a study started two years ago. This subject, viz., "Subdural Haematoma", is of wide interest both to the general medical profession and to psychiatry. During the past 150 years this problem has offered many points of controversy, and has occupied considerable space in medical literature. The condition is said to be found present in from five to six per cent. of autopsies done in Psychiatric Hospitals, and is a problem which is giving modern neuro-surgeons considerable concern, as a review of recent publications on this subject will attest. While there is no claim being laid to a complete solution of the problem, there is advanced proof of certain anatomical structures underlying the process which competent authorities regard as very significant. At present work is being continued on this subject which promises a more thorough understanding of the Anatomy, Physiology, and Pathology of the meninges of the nervous system.

In addition to the above mentioned problem a systematic study of the thyroid gland has been started. Certain changes have been noticed in this gland which are peculiar, and as far as can be learned, are not found in the glands from non-psychotics. This problem has not been carried far enough to suggest any of its possibilities, but this is being pursued and hopes are held that the next year's work will bring forth some interesting facts.

Various other problems are under consideration, such as "First principles underlying the changes of senility and pre-senility", "The possibility of organic basis for certain types of acute Manic states", "Alzheimer's Disease", "The pathology of Huntington's Chorea", "The pathology underlying Psychoses accompanying Pernicious Anaemia". Many others have received attention, and information gathered has been filed for reference in the near future.

In February this Division, in collaboration with the Department of Neuropathology, University of Toronto, put on a display of work for the Academy of Medicine. In that display a series of microscopic whole brains were exhibited, showing tumours in various locations, and giving at the same time a synopsis of the clinical histories. Various other sections of the whole organs and lesions were displayed. A whole section of lung showing tubercular cavitation at the apex with T.B. of the hilus glands, and a final widespread T.B. pneumonia, attracted considerable attention, and Dr. Jabez Elliott, and Dr. Parsons of the Sick Children's Hospital and the teaching staff of the University of Toronto both requested copies of this section for teaching purposes. In addition various other lesions of the C.N.S. were shown and all received favourable comment.





## DIVISION OF CHEST DISEASES.

*C. A. Wicks, M.D., Clinician*

During the last year, the programme of this division has been carried out with increasing interest and activity. The volume of work has increased very materially, and has resulted in rather comprehensive X-ray surveys of staff and patients in certain Hospitals.

Under the present plan, a temperature record is to be taken for each patient in all the Hospitals for one week every three months. Those patients showing persistent elevations of temperature are to have chest X-rays. It is recognized that this system of routine tuberculosis case-finding among mental patients has certain limitations, but where it has been followed conscientiously, the results have demonstrated its practical value.

This work at the various Hospitals has demonstrated that a large number of the psychotic patients in apparently good physical health show definite pyrexia of varying degrees. The investigation of the underlying cause or causes of this condition would constitute the nucleus of a research problem which should yield quite practical results. A merely superficial consideration brings up many theoretical questions, the answering of which accurately and scientifically, would do much if only to emphasize the caution required in making statements without adequate investigation.

The work among the members of staff has proceeded practically as outlined in the last Annual Report, with the exception that during the past year several Hospitals have conducted complete X-ray surveys of their staff. In the Fall of 1933, the increasing importance of tuberculin testing new staff, and of retesting negative reactors, was recognized, and it was decided to do tuberculin tests at each Hospital at each visit, every four months, instead of every eight months as had been originally planned.

A short paper covering the results obtained from our tuberculin testing has recently been prepared. It is felt that from such studies continued over a period of years, significant information will be obtained bearing upon the problem of tuberculosis among nurses.

Your Clinician has also been in charge of the patients in the Tuberculosis Unit at the Ontario Hospital, New Toronto, under the direction of Dr. H. A. McKay, Medical Superintendent. During the Clinician's absence, these wards have been left in charge of Dr. A. G. Allen, on the staff of that Hospital.

Sincere appreciation is extended to Dr. G. C. Brink for the valuable advice he has given during the past year.

## REPORT OF WORK IN DIVISION OF CHEST DISEASES

		ONTARIO HOSPITALS																		Grand Total										
		Toronto Psychiatric		Brookville		Cobourg		Hamilton		Kingston		London		Mimico		Orillia		Penetang				Toronto		Whitby		Woodstock		Tubercu- losis Unit		Total
		Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	
No. of individuals considered		57	0	108	107	83	104	221	221	150	470	120	167	232	159	57	64	45	66	168	221	351	112	78	97	19	145	1689	1933	3622
No. of chest examinations performed		8	0	30	45	11	23	27	43	27	40	18	33	47	34	13	25	11	28	15	45	31	18	17	27	20	283	405	687	
No. of chest X-rays interpreted		58	0	112	104	91	123	244	235	176	576	112	178	316	196	45	73	51	71	185	230	341	127	87	101	55	182	1873	2197	4069
No. of Tuberculin Tests performed		1	0	163	0	34	0	127	2	114	0	127	0	171	0	90	0	25	9	54	0	279	0	67	0	5	3	1257	15	1271
No. of cases advised for transfer to Tuberculosis Unit (Active Disease)		0	1	0	6	1	3	3	9	5	20	1	8	4	11	0	5	0	3	3	16	2	8	1	5	.....	20	95	115	
No. of cases advised to remain at their Hospital (Arrested Disease)		4	0	6	31	2	11	10	26	7	98	12	37	11	20	3	13	5	20	9	25	13	16	1	6	.....	83	303	386	
No. of cases diagnosed as tuberculous (Active and Arrested)		4	1	6	37	3	14	13	35	12	118	13	45	15	31	3	18	5	23	12	41	15	24	2	11	.....	103	398	501	

REPORT OF BOARD OF EXAMINERS, TRAINING SCHOOL  
FOR NURSES

*C. H. McCuaig, M.D., Chairman*

The personnel of the Board consisted of Miss Esther Rothery, R.N., Dr. Foster Hamilton, and Dr. C. H. McCuaig.

Written and oral examinations were held in April and May, 1934, at the centres where training schools were conducted. The Board also visited the other centres where the nursing situation in general was inquired into.

Three hundred and thirty-five candidates were examined comprising one hundred and thirty-six junior nurses, one hundred and twenty-three intermediate and fifty-five senior nurses besides sixteen junior and five intermediate attendants who took the examinations. There were twelve failures in the first year examinations, seven nurses and five attendants; four in the second year, three nurses and one attendant, with no failures in the third year. Supplemental examinations were held in October, 1934, for the intermediate class with one failure.

The Board was favorably impressed with the calibre of student nurses throughout the Province, the adherence generally to entrance qualifications and the standard of instruction provided, especially in those centres where full-time instructresses had been appointed.

As requested, the question of:

- (a) Hours of duty for nurses and attendants;
  - (b) The health and health records of the nurses;
  - (c) The quality of instruction given;
  - (d) The recreational facilities at the various hospitals;
- were made the subject of inquiry and reported upon.

The matter of standardizing the curriculum for nurses was also investigated and as a result the revised curriculum was compiled. It was the feeling of the Board that this curriculum should be considered temporary in nature and that those responsible for the teaching at the various schools should submit their criticisms to the Deputy Minister or to the succeeding examining boards, so that in time a revised edition might be undertaken.

## MENTAL HEALTH CLINICS.

*C. R. Myers, M.A., Consultant Psychologist*

During the year ending October 31st, 1934, eight travelling Mental Health Clinics have continued to operate throughout the Province and have extended their efforts in the field of preventive mental hygiene. Regular clinic sessions have been held throughout the year in more than one hundred examining centres. The increasing demand for assistance in dealing with mental health problems and the continued appearance of new sources of clinic cases are indicative of the interest and appreciation of the communities served by the clinics.

In addition to the direct clinical work with individual problem cases (which will be reported in some detail below), there has been a considerable increase in the amount of clinic effort directed toward mental health education in the community. True preventive mental hygiene is considered to involve more than remedial work with problem cases. The clinics believe that the dissemination of mental health information throughout the community, among parents, teachers, physicians, social workers, etc., constitutes a most important part of their efforts in the prevention of mental illness. Accordingly, specially trained members of the clinic staff in several centres are actively engaged in organizing and leading parent education groups. The widespread demand for such leadership has far outstripped the available staff resources of the Mental Health Clinics, but it is believed that there are few, if any, more fruitful avenues for mental health education. Further, it has been the policy of the clinics to avail themselves of any opportunities to meet groups, clubs and various organizations in their respective areas for the purpose of discussing mental health. More than one hundred addresses and talks have been given to groups of teachers, nurses, physicians, social workers, service clubs, etc., in an effort to stimulate general interest in, and improve the general understanding of, mental health problems. Such educational efforts have been supported and supplemented by the widespread distribution of mental health literature in the form of specially prepared pamphlets dealing with specific problems of adjustment.

## MENTAL HOSPITAL PATIENTS.

The Mental Health Clinics in Ontario constitute an integral part of the staff of the mental hospital from which they operate. In their capacity as field staff for the Mental Hospital Service their responsibilities include the investigation of the home environment and past history of patients admitted to hospital, and also the supervision of patients released from hospital—either on probation or to a boarding-out home. The extent of this work with mental hospital patients is difficult, if not impossible, to report statistically. More than five thousand calls were made by the Mental Health Clinics in connection with hospital cases during the year. More than eight hundred mental hospital patients were examined while in hospital by members of the clinic staff. The importance of this aspect of the work of Mental Health Clinics can scarcely be over emphasized in that it not only assists in the effective treatment of mental patients, but does a great deal to break down the separation between hospital and community.

## CLINIC CASES.

1. *Case Load.*

The Mental Health Clinics examined a total of 3,445 new cases during the year ending October 31st, 1934. That this represents only a slight increase over the previous year indicates that the case load has reached a point where it cannot be further increased without seriously interfering with the effectiveness of the work being done. Since the inauguration of the Mental Health Clinic Service in June, 1930, nearly 13,000 new cases have been brought to these clinics for examination.

TABLE No. 1

Showing the number of new cases examined by the Ontario Mental Health Clinics according to clinic and year

Clinics	Number of New Cases				
	1931	1932	1933	1934	Total
Toronto Psychiatric (Out-Patient).....	736	775	761	662	2,934
London .....	582	595	577	600	2,354
Hamilton .....	608	458	495	522	2,083
Whitby .....	436	306	283	331	1,356
Brockville.....	401	273	323	414	1,411
Orillia .....	288	234	157	127	806
Kingston .....	159	193	233	293	878
Mimico.....			506	496	1,002
All Clinics .....	3,210	2,834	3,335	3,445	12,824

In addition to the new cases examined during the year, 1,598 cases were given some form of follow-up attention (including re-examinations and home visits). Thus the case load for 1934 approximated a total of 5,000 cases.

TABLE No. 2

Showing the extent and nature of the case load carried by the Mental Health Clinics.

Case Load	1931	1932	1933	1934	Total
No. of new cases .....	3,210	2,834	3,335	3,445	12,824
No. of cases followed up .....	1,914	1,967	1,651	1,598	7,130
Total number of cases handled .....	5,124	4,801	4,986	5,043	19,954
<i>Percentage of follow-up cases.</i> .....	37%	41%	33%	32%	35%

It will be seen from Table No. 2 that about one-third of the actual case load of the clinics consists of cases previously examined. The actual extent of this follow-up work is made still more apparent when it is realized that many of these follow-up cases received repeated examinations and continuation of individual clinic treatment over a period of time.

TABLE No. 3  
Showing the number of case contacts

Case Contacts	1931	1932	1933	1934	Total
Number of first contacts.....	3,210	2,834	3,335	3,445	12,824
Number of follow-up contacts .....	2,742	3,772	2,212	2,909	11,635
Total number of contacts .....	5,952	6,606	5,547	6,354	24,459

From the above table it will be seen that the 1,500 cases followed up involved nearly 3,000 actual contacts.

Over the entire period of four years more than 24,000 case contracts have been made. Each individual case has received an average of two clinical examinations, which means that nearly one-half of the actual time and effort of the clinics has been devoted to the follow-up treatment of problem cases. It continues to be a recognized policy of the clinics to emphasize treatment rather than simple diagnosis. The simple registration of problem cases without any direct therapeutic effort would not prove very useful to the community. The constantly increasing demands of the community tend to flood the clinics with so many new problem cases that a direct treatment programme becomes very difficult to maintain. It is, however, believed to be essential if the clinics are to make any real progress in preventing mental illness.

## II. *Nature of Clinic Cases. (Excluding Toronto clinic cases\*).*

The nature of the group of cases examined by Mental Health Clinics in this Province may be observed from their distribution in regard to certain characteristics. These characteristics have been selected for the purpose of indicating the general nature of the clinic task. The figures have been arranged, wherever suitable, in such a way as to show any significant tendencies for the nature of the clinic task to change over the four year period of operation.

(1) *National Extraction.* The clinic cases are found to be a fairly representative sample of the general population of the Province in regard to racial extraction. The proportion of cases of French extraction, however, is considerably greater than that which exists in the general population.

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\*Cases examined at the Toronto Psychiatric Hospital Out-Patient Department are not included in the following analysis. For information concerning these cases see this report, page 97.

TABLE No. 4

Showing the distribution of clinic cases according to national extraction

Race	Number of Cases		Percentages		Ontario Census 1931
	1934	All Years	1934	All Years	
English .....	924	3,519	40.3	41.4	38.4
Irish, Scotch and Welsh .....	643	2,387	28.1	28.1	34.8
French .....	322	1,142	14.0	13.4	8.7
Foreign .....	404	1,455	17.6	17.1	18.0

(2) *Sex.* The sex ratio among clinic cases has been in favour of the male each year since the clinics commenced operation. This predominance, however, is not reflected in the general population of the Province. During the last two years it has shown some tendency to increase, as shown in Table No. 5.

TABLE No. 5

Showing the distribution of clinic cases according to sex

Sex	Number of Cases		Percentages				
	1934	All Years	1931	1932	1933	1934	All Years
Male .....	1,797	6,015	58.	58.	61.	65.	61.
Female .....	986	3,875	42.	42.	39.	35.	39.
Totals .....	2,783	9,890	100.	100.	100.	100.	100.

(3) *Age.* Clinic cases range in age from a few months to over eighty years of age. The average age of cases has risen from twelve years in 1931 to eighteen years in 1934. The nature of the clinic cases has been showing a consistent tendency to change in the direction of older cases. There appears to be an increasing number of adults who apply voluntarily for clinic assistance. In Table No. 6 the distribution of some 10,000 clinic cases in regard to age is shown and it will be noticed that in the last year there has been an increase of ten per cent. in the proportion of cases falling in the adult age group. During 1934 one-half of the clinic cases were adolescent or adult.



TABLE No. 6

Showing the distribution of clinic cases according to age

Ages	Number		Percentages				
	1934	All Years	1931	1932	1933	1934	All Years
0-5.11.....	269	907	9.7	9.8	9.2	9.8	9.6
6-13.11.....	1,100	4,582	54.4	54.0	48.4	40.2	48.7
14-21.11.....	634	2,140	21.5	20.7	25.8	23.1	22.8
22 and over.....	736	1,781	14.4	15.5	17.1	26.9	18.9

(4) *Source.* In Table No. 7 will be found an analysis of the sources from which the clinics receive their problem cases. It will be observed that four-fifths of the cases are referred by either welfare agencies or medical agencies (physicians and nurses).

TABLE No. 7

Showing the distribution of clinic cases according to the source referring the case

Referee	1934		4 years	
	No.	%	No.	%
Welfare Agencies .....	1,397	50.2	4,364	44.1
Medical Agencies .....	903	32.4	3,522	35.6
Educational Agencies .....	351	12.6	1,329	13.4
Family .....	64	2.3	321	3.2
Voluntary .....	35	1.3	153	1.6
Private Persons (non-family) .....	20	0.7	157	1.6
Referee not stated .....	13	0.5	44	0.5
All Cases .....	2,783	100.	9,890	100.

(5) *Problem.* Tables No. 8 and 8a present a similar statistical analysis of the problems for which cases have been referred. In Table No. 8 specific problems have been grouped in certain major categories. It is interesting to note that although abnormal mental conditions and various behaviour difficulties are the most frequently encountered problems, abnormal physical conditions are present as problems in nearly one-quarter of all cases examined. "Routine examination" refers to the cases which are brought to the clinic for general examination, but in regard to whom there exists at the present time no special problem. This group of cases is of particular importance, since it is in regard to them that truly preventive steps may be taken *before* the appearance of any significant problem.

TABLE No. 8

Showing the frequency of problems according to general classification

Problem	1934		4 years	
	No.	%	No.	%
Abnormal Mental Conditions .....	989	35.5	4,129	41.7
Behaviour Difficulties .....	1,065	38.3	3,704	37.4
Routine Examination .....	823	29.6	2,067	20.8
Abnormal Physical Conditions .....	499	17.9	2,425	24.5
Educational Problems .....	382	13.7	1,667	16.8
Social Difficulties .....	153	5.5	570	5.8

In regard to specific problems, the most frequent other than "routine" is "suspected mental defect". Over the four year period of clinic operation the frequency of this problem has, however, dropped from thirty-two per cent. in 1931 to only twelve per cent. of cases in 1934. A similar though less marked decrease in the number of cases referred because of backwardness at school is also apparent.

TABLE No. 8a

Showing the frequency of certain specific problems

Problem	Number of Cases		Percentage				
	1934	All Years	1931	1932	1933	1934	All Years
Routine Examination.....	823	2,067	12.0	18.5	27.7	29.6	20.9
Suspected Mental Defect	348	2,033	32.7	20.5	17.6	12.5	20.6
Backward at School .....	373	1,597	20.7	19.2	12.3	13.4	16.1
Stealing .....	368	970	7.8	6.9	10.3	13.2	9.8
Suspected Psychosis .....	181	401	6.5	1.5	1.2	6.5	4.1
Emotional Instability .....	174	483	1.8	4.7	6.5	6.2	4.8
Speech Defect .....	164	761	6.9	9.0	9.3	5.9	7.7
Sex .....	155	454	4.1	3.1	5.1	5.6	4.6
Truancy .....	111	426	4.9	5.0	3.5	4.0	4.3
Enuresis .....	114	444	4.8	4.5	4.6	4.1	4.5
Incorrigibility .....	102	433	5.3	4.3	4.3	3.7	4.4
Convulsive Seizures .....	99	480	6.7	4.7	4.6	3.5	4.8

(6) *Diagnosis*.—(a) *Intelligence*: The distribution of cases according to the clinic diagnosis of intelligence is shown in Table No. 9. It will be observed that "undiagnosed" cases are included in the group with those of normal intelligence. All cases in which there is any reason whatever to suspect subnormality of intelligence are given a psychometric examination and it is reasonable to assume, therefore, that the undiagnosed cases fall within the normal range.

It will be observed from this table that the proportion of clinic cases diagnosed as feeble-minded has fallen from forty per cent. to twenty per cent. during the period of operation. However, more than 2,500 cases of feeble-mindedness have been identified since 1930. As will be seen later in Table No. 10a, the clinics have found it necessary to recommend institutionalization in only one-quarter of these cases. The remainder are being provided with community supervision and a constructive educational programme in their homes, as indicated in Table No. 10 under "home training course".

TABLE No. 9  
Showing the distribution of clinic cases according to the diagnosis of intelligence

Diagnosis of Intelligence	NUMBER		PERCENTAGE				
	1934	All Years	1931	1932	1933	1934	All Years
Superior.....	93	229	1.5	1.8	2.5	3.3	2.3
Normal.....	752	2,482					
Undiagnosed.....	484	1,469	30.5	39.5	44.5	44.5	39.9
Dull Normal.....	479	1,542					
Borderline.....	402	1,424	28.4	30.2	29.5	31.6	30.0
Moron.....	416	1,782					
Imbecile.....	120	768	39.6	28.5	23.5	20.6	27.8
Idiot.....	37	194					
All Cases.....	2,783	9,890	100.	100.	100.	100.	100.

(b) *Psychoses and Neuroses*: Psychoses and other marked deviations from normal mental health have been diagnosed in over 1,300 clinic cases. The most frequent of these as shown in Table No. 9a were epileptic, neurotic and schizophrenic conditions.

TABLE No. 9a  
Showing the distribution of clinic cases according to psychiatric diagnosis

Psychiatric Diagnosis	1931	1932	1933	1934	Totals	
					No.	%
Epilepsy.....	104	71	105	66	346	25.5
Neuroses.....	62	44	63	106	275	20.3
Schizophrenia.....	56	38	48	82	224	16.5
Manic-Depressive.....	26	25	25	34	110	8.1
Post-Encephalitis.....	33	4	7	10	54	4.0
Paranoia and Paranoid Conditions.....	14	12	15	12	53	4.0
Miscellaneous.....	79	64	70	80	293	21.6
Total.....	374	258	333	390	1,355	100.

(c) *Physical conditions*: The more frequent of the unhealthy physical conditions which are found in association with mental health problems in the course of clinical examination are shown in Table No. 9b.

TABLE No. 9b  
Showing the distribution of clinic cases according to diagnosis of physical condition

Diagnosis of Physical Condition	1931	1932	1933	1934	Totals	
					No.	%
Defective Teeth .....	11	302	523	569	1,405	24.2
Tonsils .....	48	257	354	370	1,029	17.7
Speech Defect .....	172	186	239	164	761	13.1
Defective Vision .....	17	104	167	172	460	8.0
Miscellaneous .....	134	395	715	901	2,145	37.0
Total .....	382	1,244	1,998	2,176	5,800	100.

(7) *Treatment*. In Tables No. 10 and 10a will be found the frequency with which certain forms of treatment have been recommended. More than 1,200 mental defectives throughout the Province have received supervision in the form of organizing a training programme in their own home under "home training course". Since most of these children have been excluded from the school system as ineducable, and since it is both impossible and undesirable to consider institutionalization, the extension of this consultation service to parents is of considerable importance. In the case of medical treatments indicated in this table, such as dental attention, medication, etc., the actual treatment is carried out in an indirect manner through family physicians and other agencies in the community. It is quite impossible in any such statistical analysis to indicate the exact nature of clinic treatment, particularly in regard to the strictly "mental health" problems. It is of interest, however, to note the relatively high frequency with which the clinics mentioned organized recreation as being a serious need in the life programme of the cases referred to them.

TABLE No. 10  
Showing the frequency of certain treatments recommended

Treatment Recommended	Number of Cases		
	1931-1933	1934	All Years
Home Training Course .....	1,259	589	1,848
Tonsils and Adenoids .....	693	198	891
Supervision by Social Agencies .....	524	302	826
Dental Attention .....	510	282	792
Organized Recreation .....	527	223	750
Medication .....	527	218	745
Attention of Family Physician .....	544	144	688
Consideration of the Auxiliary Class Board .....	537	108	645
Placement in Foster Home .....	470	135	605
Adjustment in Home .....	386	143	529
Diet .....	241	124	365
Teacher-pupil Adjustment .....	197	75	272
Speech Training .....	116	116	232
Special Literature .....	84	96	180

Institutionalization has been recommended in less than twenty per cent. of the cases referred to Mental Health Clinics. This means that in more than four-fifths of the cases brought to them the clinic believed that some form of community treatment was both feasible and promising.

TABLE No. 10a

Showing the frequency of institutional treatment recommended

Institution Recommended	Total Cases All Years
Ontario Hospital, Orillia .....	709
Other Ontario Hospitals .....	374
Bowmanville Boys' Training School .....	154
Other Corrective Institutions .....	146
Other Institutions.....	822
<b>All Cases Recommended for Institutionalization</b>	<b>2,205</b>

## TORONTO PSYCHIATRIC HOSPITAL

## OFFICERS

C. B. FARRAR, M.D.	Director
E. P. LEWIS, M.D.	Director, Out-Patient Service
A. J. KILGOUR, M.D.	Senior Assistant and Chief of Staff on leave
C. H. MCCUAIG, M.D.	Senior Assistant and Chief of Staff
H. D. MITCHELL, M.D.	Senior Assistant Physician
MARY V. JACKSON, M.D.	Senior Assistant Physician
J. A. HANNAH, M.D.	Neuropathologist
TREVOR OWEN, M.D.	Consultant in Medicine
GEORGE F. BOYER, M.D.	Consultant in Neurology
W. H. LOWRY, M.D.	Consultant in Ophthalmology
K. G. MCKENZIE, M.D.	Consultant in Neurosurgery
H. W. JOHNSTON, M.D.	Consultant in Gynaecology
C. A. RAE, M.D.	Consultant in Oto-Laryngology
MICHAEL V. COSENTINO, D.D.S.	Dentist
MISS E. R. DICK, R.N.	Director of Nursing
MRS. MYRTLE FOLEY, R.N.	Assistant to Director of Nursing
MRS. BERNICE WILSHIRE, R.N.	Supervisor, Out-Patient Department
MISS MARION STEWART, R.N.	Social Service Worker
MISS A. JEAN BROWN, M.A.	Psychologist
MISS HELEN P. LEVESCONTE, O.T. Reg.	Director of Occupational Therapy
MISS KATHLEEN ROBB, O.T. Reg.	Occupational Therapist
MISS MARY I. STAPLES, B.H. Sc.	Dietitian
MR. W. C. MERRICK	Steward
MISS A. F. ABBOTT	Secretary

## MOVEMENT OF POPULATION

*In-patient service,—*

During the fiscal year 716 in-patients were admitted to the hospital, as against 714 during 1933. This number by no means represents the demands made upon the hospital for the admission of patients. During a considerable proportion of every month every hospital bed has been occupied and many applications have had to be deferred or refused, especially in the female service. An increasing number of applications comes from outside the municipality, both from county courts and private patients. It has not been possible to accommodate these except very rarely when the persons concerned made voluntary application, maintenance was guaranteed and a bed available. Owing to the overcrowded conditions of other hospitals in the service there continues to be delay in transfer of certified cases, and this circumstance constitutes the chief obstacle to the prompt admission of all suitable new cases for which application is made. Bed capacity is limited to 30 male and 30 female patients.

The average number of days in residence of patients was 27.33, and the average daily population 53.64 as compared with 50.13 in 1933.

*Types of admission,—*

Voluntary admissions constitute 30% of the total. Approximately 42% were admitted on a single medical certificate, and 28% on magistrates' warrant. It is interesting to note that the number of judicial commitments for the year was the

lowest since the opening of the hospital. The highest ratio occurred in 1927 when 42% of admissions were by warrant of the magistrate.

Persons admitted to the in-patient service are mostly from the periods of youth and adult life exclusive of the senium. Involutional cases, which will require permanent hospitalization, constitute one of the groups not eligible for admission under the Psychiatric Hospitals Act. The other non-eligible classes are alcoholic and drug habituates, mental defectives and epileptics, for whom special institutions are provided.

As a rule children are not admitted as patients to the wards, although there is not infrequent request for such service. The mingling of children with adult mental patients is distinctly not desirable. An inquiry conducted during the past year among the various agencies having to do with children indicated that there is need at the present time of in-patient accommodation for at least eighty to ninety children annually from Toronto, as the various extramural services available do not satisfactorily meet the needs of observation and supervision in these cases. A children's ward, if one were available at this hospital, would be one of our busiest and most useful services.

#### IN-PATIENT SERVICE

NOVEMBER 1, 1933, TO OCTOBER 31, 1934

##### TOTAL ADMISSIONS:

	Male	Female	Total
Voluntary .....	116	94	210
Certificate .....	124	180	304
Warrant .....	135	67	202
	<u>375</u>	<u>341</u>	<u>716</u>
Readmissions .....	73	58	131
Average daily population .....	25 84	27 80	53 64
DISPOSALS			
Transfers.....	145	130	275
Deaths .....	9	4	13
Discharges .....	221	205	426
	<u>375</u>	<u>339</u>	<u>714</u>
Condition on discharge:			
Improved .....	98	115	213
Unimproved .....	48	48	96
Returned to court .....	75	42	117

#### TEACHING ACTIVITIES

##### *Post-graduate instruction for physicians in the service:*

The total number of physicians transferred to the Psychiatric Hospital for graduate instruction since the organization of this service in January 1931, is 25. During the past fiscal year the following physicians have been enrolled: Dr. J. G. Dewan, Brockville, Dr. J. R. Howitt, London, Dr. A. M. Doyle, Hamilton, Dr. W. G. Telfer, Mimico, Dr. D. R. Gunn, Toronto, and Dr. G. S. Burton, Kingston. In addition Dr. E. E. Sawyer from New Jersey came on the staff as a voluntary assistant for graduate work, August 1934; Dr. Wilfred S. Arthur of Toronto,

was enrolled as graduate interne, October 1934; and Dr. R. A. Seymour of Vancouver, joined the staff as graduate interne on October 15th, 1934.

Three student internes from the medical faculty of the University of Toronto, were enrolled for the year.

*Instruction for nurses:*

There has been further extension in the teaching carried on at the hospital notably in instruction for nurses. Arrangements have been made with the School of Nursing of the University of Toronto for a three months period of affiliation at the Psychiatric Hospital for second year students from that school. In addition reorganization of instruction in nursing education in mental hygiene for the general hospital training schools in the city was undertaken at the request of the Centralized Lecture Committee for Student Nurses; and this course of twelve lectures and clinics will in future be given at this hospital.

*Staff Changes:*

Dr. Archibald J. Kilgour, who had served the hospital with great efficiency as senior assistant and chief of staff since January 1931, was granted one year leave of absence, which was since extended to two years, to pursue a course of post-graduate study abroad, for which purpose he was granted a fellowship under the Rockefeller Foundation. Dr. Kilgour went first to England in January 1934, proceeded in early summer to Munich and planned to take the winter term's work at Zurich.

Dr. C. H. McCuaig was transferred from the staff of the Ontario Hospital, Kingston, to become senior assistant and chief of staff, and has admirably fulfilled the duties of this position.

Dr. H. D. Mitchell joined the staff as head of the male service June 1st, 1934. Dr. Mitchell had already taken the graduate course in psychiatry, having been transferred to this hospital from the Ontario Hospital, Toronto.

Dr. Mary V. Jackson, who had already been on the staff from August 11, 1930, to October 28, 1931, and had then served in several other centres, was assigned to this staff June 1st, 1934, and assumed charge of the female service.

Dr. H. J. Hodgins, who had given good service as dentist to the hospital resigned September 30, 1934. Dr. Michael V. Cosentino was appointed to succeed Dr. Hodgins as dentist.

The following medical officers were transferred after their post-graduate period of study at the Toronto Psychiatric Hospital:

Dr. E. E. Ellicott (London) to Ontario Hospital, London, November 30, 1933.

Dr. J. G. Graham (Kingston), to Ontario Hospital, Penetang, February 28, 1934.

Dr. H. C. Brillinger (Hamilton) to assume charge of the Mental Health Clinic, Hamilton, May 1, 1934.

Dr. H. C. Moorhouse (Brockville) to Ontario Hospital, Brockville, May 1, 1934.

Dr. J. R. Howitt (London) to Ontario Hospital, Toronto, June 20, 1934, to the position of assistant superintendent.



Dr. K. G. Gray (Mimico), to Ontario Hospital, Mimico, August 1, 1934.

Miss Eileen E. H. Ditchburn, Director of Nursing, resigned July 31, 1934. Miss Ditchburn took over the direction of the nursing service and of the teaching courses for nurses as successor to Miss N. D. Fidler, and was indefatigable in the development of her department.

Miss Edith R. Dick, a graduate of the School of Nursing of the Johns Hopkins Hospital, was appointed director of nursing, July 1st, 1934. Miss Dick had completed the course in public health nursing in the University of Toronto, and had served as assistant director of nursing at the Ontario Hospital, Whitby, and director of nursing at the Ontario Hospital, Mimico, from which latter institution she was transferred to this hospital. Miss Dick has shown thorough competence in the assumption of her duties.

Miss Verna Stewart, laboratory technician, resigned September 30th, 1934. Miss Stewart, who had had special training in laboratory work, had proved to be a very valuable member of the staff. No new appointment has been made to this position.

The consulting staff has been further enlarged by the appointment of Dr. K. G. McKenzie, associate in surgery, Dr. H. W. Johnston of the department of obstetrics and gynaecology, and Dr. C. A. Rae of the department of oto-laryngology, in the University of Toronto.

The consulting staff, as now constituted, well represents the several branches of medicine and establishes close affiliation between this hospital and the respective departments of the medical faculty of the University. The consultant in medicine pays daily visits and the other consultants hold weekly clinics at the hospital. They collaborate actively with the resident staff in the direction of treatment and contribute regularly to the teaching in the post-graduate course.

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## NURSING SERVICE

*Edith R. Dick, R.N., Director of Nursing*

Five courses of instruction in the various aspects of psychiatric nursing and mental hygiene are now being given by the teaching staff of this hospital,—

(1) Affiliate nurses from general hospital training schools, chiefly in Toronto, in groups of 12 for a three months period.

(2) Post-graduate nurses in groups of 6 for a six months period.

(3) The graduate class in public health nursing from the University of Toronto receives a course of thirteen lectures in mental hygiene.

(4) At the invitation of the School of Nursing a three months course at this hospital has been arranged for their second year students.

(5) In addition the Centralized Lecture Committee have requested a course of twelve lectures to be given to the combined senior classes of the various Toronto training schools numbering approximately 200 nurses.

During the year several individual courses were planned in this department for nurses who had already been assigned to special posts.

From November 1st, 1933, to October 31st, 1934, fifty-one undergraduate nurses completed the affiliation course of three months. One student was unable to complete the course due to illness. These students were from the following schools:

Toronto General Hospital	24
Toronto Western Hospital	8
Brantford General Hospital	8
Grace Hospital, Toronto	4
Women's College Hospital, Toronto	4
Hospital for Sick Children	4

On October 16, 1933, the Hospital for Sick Children began the affiliation of three months with this school by sending one undergraduate student.

During the year eleven graduate nurses completed the post-graduate course of six months. These students were graduates of the following schools:

Royal Victoria Hospital, Montreal	4
Montreal General Hospital	2
Toronto General Hospital	1
Women's College Hospital	2
Hamilton General Hospital	1
Toronto Hospital, Weston	1

On October 31, 1933, the number of nurses on the permanent staff was eighteen. During the twelve succeeding months seven members of the staff resigned, one was transferred to another position, one was granted a leave of absence for nine months. Eight new appointments were made. On October 31, 1934, the number of nurses on the permanent staff was seventeen.

During the year the many visitors have included Miss Ganasa, Barcelona, Spain; Miss Zawadeka, director of public health nursing, Warsaw, Poland; Miss Perovic, Jugoslavia; Miss Hicks, superintendent of nurses, Essondale Hospital, British Columbia; Miss Holland and Miss Taylor, Guy's Hospital, London, England.

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## DIVISION OF NEUROPATHOLOGY

*J. A. Hannah, M.D., Neuropathologist*

While this department does the routine work for the Ontario hospitals in the immediate vicinity of Toronto, and for any of the other hospitals which may send in material, it has a closer affiliation with the Toronto Psychiatric Hospital, through which a close relationship is maintained with the department of pathology, University of Toronto. From this hospital three cases came to autopsy. While this number of autopsies may appear insignificant, it must be realized that the hospital is concerned only with cases for observation, and that therefore the death rate is comparatively low. It is our hope that in the near future, a larger number of autopsies may be secured in view of their great value from both the clinical and research viewpoints.

The staff of this division maintains close contact with the staff of the hospital, and attends conferences and ward rounds. By this means, the pathologist is kept in close contact with the clinical material in the hospital.

In addition to routine laboratory work the neuropathologist contributes to the post-graduate instruction in psychiatry and also to the courses in psychiatric nursing.

All the information from the material which passes through the department is typed, filed and cross indexed so that it is available for research on any of the varied aspects of psychotic diseases. There have been completed during the past year two important pathological studies,—the first on subdural haematoma, the second on the neuropathological findings in cases dying in acute mental excitement. These papers are now in the hands of the publishers.

On suitable occasions demonstrations of various pathological lesions as found in the psychotic have been displayed, both to members of the hospital staff and at meetings of interest to the general practitioner.

It is hoped to carry the development of the division of neuropathology very much further, in enlarging its usefulness throughout the service, in increasing its teaching facilities especially for graduate physicians, and to provide additional periods of training or research opportunities for suitable members of the graduate staff.

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## DEPARTMENT OF OCCUPATIONAL THERAPY

*Helen P. LeVesconte, O.T. Reg., Director of Occupational Therapy*

During the past year 85.18% of all patients admitted to the hospital received occupational treatment. As our occupational centres are small it is necessary at times to limit the use of certain crafts, nevertheless two new crafts have been introduced, water color sketching and simple metal work. We have stressed too, the importance of maintaining and developing the patient's interest and attention in personal appearance, which is considered of real therapeutic importance in maintaining morale. At least one day each week is devoted to hairdressing and beauty parlor activities, supplies for which are provided in our department.

Ward activities form an important part of our programme, and include hand-crafts, table games, cards and reading. In this phase of the work the cooperation of the nursing staff is of particular importance, and I am taking this opportunity of expressing our appreciation of the initiative and interest which they have shown.

In addition to activities in the wards and occupational centres our patients are taken for frequent visits to the Royal Ontario Museum, the Art Gallery and other places of interest and educational value. We have also taken over full charge of the grounds, which provides further variety and healthy activity for both men and women.

The following developments in the occupational therapy department have occurred during the past year:

(1) The teaching programme for nurses in the graduate and undergraduate classes has been increased, with additional hours in both theoretical and practical work.

(2) The institution of work in July with out-patients is divided into two groups; (a) patients admitted on request from the out-patient department who attend one afternoon each week, (b) patients discharged from the wards for whom continued occupational treatment is recommended by the physician. The programme in these cases is individual, the patient reporting as often each week as is desirable. While this group is still small numerically we feel that not only are we meeting a definite need, but in certain cases it has been possible to discharge patients from hospital earlier than could otherwise have been done.

(3) The organization in February of an Art class held two mornings weekly for both men and women. The interest apparent in these classes, especially among the men patients is quite remarkable. They provide stimulus and an agreeable variation of the occupational programme. There is no question that the Art classes have proved of real therapeutic value.

Medical conference is held five mornings each week at which one therapist is present.

The following graduate therapists have each been assigned to this department for a period of six months' training: Miss Amie Le Drew from January 10, 1934, to July 10, 1934; Miss Marjorie Weaver from July 10, 1934, to January 10, 1935.

The statistics of the department January 1, 1934 to December 31, 1934, are as follows:

	Male	Female	Total	Per cent.
Total admissions to hospital	380	349	729	
Total number employed	326	295	621	85.18
In occupational department	247	220	467	64.06
On wards receiving occupational therapy	79	75	154	21.12
Occupational and ward patients engaged also in utility	18	13	31	4.25
Total number unemployed	54	54	108	14.81
Medical contraindications	5	5	10	1.37
Incapable because of mental state	49	49	98	13.44
Total number in residence during year receiving occupational treatment	341	318	659	
Total number out-patients receiving occupational treatment	5	5	10	
Average daily number of patients treated in department and wards	19.31	20.69	40	
Average daily population	25.92	27.80	53.72	

## OUT-PATIENT DEPARTMENT

*E. P. Lewis, M.B., Director of Out-Patient Service*

During the past year seven physicians have assisted in clinical psychiatric work during their post-graduate studies, while thirteen graduate nurses and fifty-one affiliate nurses have also been assigned to this department for duty and instruction. The aim is to have the graduate nurses for one month and the affiliate nurses for two weeks each. While each graduate physician may spend at least two months

in this department it has made for greater stability in our work to have those who have shown special aptitude in this branch to remain for longer periods as some time is necessary to become reasonably familiar with the duties and possibilities of an out-patient clinic.

The various out-patient activities have been greatly increased by our voluntary assistance for which we herewith record our thanks; in clinical work, to Dr. C. G. Stogdill, director of the Division of Mental Hygiene in the Toronto Department of Public Health, Dr. G. W. Anderson, psychiatrist of the Juvenile Court, and Dr. W. G. Young; in psychology, to Miss Marjorie Carson, B.A., and to Miss Miriam Winston, M.A.; in statistical work to Miss I. M. Mackay, R.N.; in social work to Miss Dorothy Stevens, R.N., Miss Helen Algie, R.N., Miss Olive Snyder, Miss Mary Davidson, M.A., and Miss Barbara Grant.

The social service upon which both in- and out-patient work impose an increasing load, has continued under the capable direction of Miss Marion Stewart, R.N. A very difficult problem during the past year has been unemployment, and this apparently will have to be faced for some time. In a number of instances the social workers and psychiatrists have co-operated in planning twenty-four hour programmes for patients, and this has been found helpful psychotherapy. A good deal of Miss Stewart's time and attention was required in supervising the field work for three students from the Department of Social Science at the University of Toronto and also for the affiliate and post-graduate nurses in this hospital. Much more of the social work appears to relate to in-patients than to out-patients because many of the latter are referred by social agencies whose own social workers usually follow up the case. The following tabulated report of social service contacts speaks for itself:

### HOSPITAL SOCIAL SERVICE

	In-patients	Out-patients	Total
<b>I. Reports obtained or given:</b>			
(a) Hospital	466	149	615
(b) Social agencies	723	335	1,058
(c) Academic records	103	41	144
(d) Vocational records	134	20	154
(e) Home	290	240	530
<b>II. Inter-hospital services</b>	28	0	28
<b>III. Medical services:</b>			
(a) X-ray Department	15	0	15
(b) Dental clinic	2	1	3
(c) Surgical clinic	2	1	3
(d) Gynaecological clinic	0	0	0
(e) Medical clinic	6	2	8
(f) Basal metabolism	6	0	6
<b>IV. Contacts re:</b>			
(a) Relief	221	106	327
(b) Education	62	38	100
(c) Employment	327	118	445
(d) Recreation	81	13	94
<b>V. First interviews</b>	324	6	330
<b>VI. Follow-up</b>	1,032	470	1,502
<b>VII. Reports sent out (written)</b>	75	9	84
<b>VIII. Venereal disease reports</b>	45	0	45
<b>IX. Social histories</b>	4	12	16
<b>Total</b>	<b>3,946</b>	<b>1,561</b>	<b>5,507</b>

The work in psychology under the direction of Miss Jean Brown, M.A., has been carried on as usual, the greatest stress being placed upon Binet-Simon tests with children and adolescents. A few Bernreuter Personality tests have been given, but one feels that they have limitations. Miss Brown has had supervision of the work of twenty graduate students in psychology from the University of Toronto, of the psychometric work of the medical students who took the psychiatry elective in the fifth year medical course at the university and also of the affiliate and graduate nurses. In the psychometric results it has been shown that the number of those examined and classed as of borderline intelligence is much smaller than in 1933 while the number classed as of normal intelligence is much larger. In fact, the size of the two groups has just interchanged. A brief numerical summary is as follows:

i. *Number of patients interviewed:*

Out-patients	656
In-patients	104
<b>Total</b>	<b>760</b>

Monthly average number of cases interviewed, 63

75 cases were seen for the Hospital for Sick Children

ii. *Number of types of tests given to patients:*

	Binet	Performance	Personality	Educational	Interview	Total
Out-patients	625	21	14	69	5	734
In-patients	99	10	11	2	3	125
<b>Total</b>	<b>724</b>	<b>31</b>	<b>25</b>	<b>71</b>	<b>8</b>	<b>859</b>

*The following studies have been carried on:*

- (1) By Mrs. Wilshire and Miss Mackay, "A Study of 100 Children seen at this Clinic between August, 1932, and October, 1933, for whom Foster Home Placement had been Recommended". Recommendations had been carried out for one year before this study was made, and the results show that approximately 80% of the behaviour problems for which the children had originally attended the clinic were reported to have disappeared.
- (2) Miss Dorothy Stevens studied 137 new cases seen in this clinic between March 15th and December 31st, 1926. Most of these were in the age group ten to fifteen years and were primary conduct disorders. Fifteen (15) are now in Ontario Hospitals, 47 have been followed up individually or through social agencies, and we still have contact of some kind with 64.

- (3) Miss M. Winston has made a brief study of the reliability of intelligence quotient measures in clinical cases. One hundred and sixty (160) separate cases had two tests each, of which 93 have intervals of less than 5 points. The correlation of all tests was .84.

## SUMMARY OF NEW AND RETURN CASES

The total number of out-patient visits during the year was 1,308, as against 1,347 during the preceding year.

	Male	Female	Total
New cases	314	348	662
Return cases	319	273	592
Examinations completed outside clinic	17	37	54
Community	5		
Industrial Refuge	15		
Applicants for Hospital for Incurables	34		
Clinic days			276
Average examinations per day			4.74

Ages:	Male	Female	Total
Under 5	38	16	54
5-9	77	43	120
10-14	139	88	227
15-19	108	121	229
20-24	74	71	145
25-29	57	57	114
30 and over	169	196	365

1,254

(Examinations completed outside clinic not included.)

Diagnosis: (New cases)	S.	N.	D.	B.	
Intelligence rating	28	216	114	66.	424
Mental defect					108
Physical disease					508
Neurosis					43
Psychosis					96
Epilepsy					4
Endocrine dysfunction					6
Post encephalitis					2
Psychopathic personality					5
Undiagnosed					5

(Examinations completed outside clinic not included.)

Disposal: (New cases)	
Institutionalization	209
Community care	334
Educational	68
Medical attention	169
Deportation	9

(Examinations completed outside clinic not included.)

RETURN CASES	1926	1927	1928	Per cent.	1934	Per cent.
Returned for:						
Psychotherapy	3	32	32	23	379	64
New problem	3	7	27	19	106	18
Re-examination	1	4	18	13	34	6
To complete examination	2	20	38	27	41	7
Certification	..	7	25	18	32	5

Cases were referred by various agencies as follows:

Welfare Agencies.....		435
C.A.S. Toronto.....	24	
C.A.S. Catholic.....	94	
C.A.S. Provincial.....	6	
Police General.....	7	
Alexandra Industrial School.....	30	
Juvenile Court.....	13	
B.B.M. & B.S.A.....	13	
Family Agency General.....	5	
Neighbourhood Workers' Association.....	16	
Department Family Welfare.....	33	
Soldiers' Welfare.....	4	
Department of Health, Toronto.....	18	
Catholic Welfare Bureau.....	25	
Hostels.....	4	
Jewish Federation Bureau.....	13	
Church.....	4	
Y.M.C.A. & Y.W.C.A.....	4	
Haven.....	2	
Other Child Caring Agencies.....	5	
Protestant Children's Home.....	18	
Infants' Home.....	52	
Victor Home.....	7	
Home and School Club Parent Education.....	1	
Department Public Welfare Provincial.....	9	
St. John's Industrial School.....	28	
Medical Agencies.....		138
Unspecified.....	1	
M.O.H.....	3	
P.H. Nurse.....	42	
Family Physician.....	42	
Hospitals.....	32	
Department of Health—Ontario.....	18	
Educational.....		5
Unspecified.....	2	
Inspector.....	1	
Teacher & Principal.....	1	
Board of Education.....	1	
Family.....		40
Private Persons (non-family).....		14
Voluntary.....		28
Immigration.....		2

We have been particularly interested in the increasing number of return cases, especially those who have returned for psychotherapy. It is noted that 115 patients were recommended for psychotherapy during the past year as contrasted with only 14 the year before, and there were 379 psychotherapeutic treatments given. Our experience is that the greatest value of the clinic is for patients who can carry on in the community and return for help.







# DEPARTMENT OF HEALTH

SIXTY-FIFTH ANNUAL REPORT

UPON THE

**Public Hospitals, Private Hospitals,  
Hospitals For Incurables**

AND

**Sanatoria For Consumptives**

OF THE

**PROVINCE OF ONTARIO**

FOR THE YEAR WHICH ENDED 30th SEPTEMBER

# 1934

PRINTED BY ORDER OF  
THE LEGISLATIVE ASSEMBLY OF ONTARIO  
SESSIONAL PAPER No. 16, 1935



TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty  
1935

Parliament Buildings,  
Toronto, March 8th, 1935.

TO THE HONOURABLE COLONEL HERBERT ALEXANDER BRUCE, M.D.,  
R.A.M.C., F.R.C.S. (Eng.)  
*Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit to Your Honour the Sixty-Fifth Annual Report upon the Hospitals and Sanatoria of the Province of Ontario, for the year which ended September 30th, 1934.

Respectfully submitted,

J. A. FAULKNER,  
*Minister of Health.*

Parliament Buildings,  
Toronto, March 8th, 1935.

THE HONOURABLE J. A. FAULKNER, M.D.,  
*Minister of Health.*

SIR:—

I have the honour to submit to you the Sixty-Fifth Annual Report upon the Hospitals and Sanatoria for the year which ended 30th September, 1934.

I have the honour to be, Sir,

Your obedient servant,

C. J. TELFER,  
*Inspector of Hospitals and Sanatoria.*

# Hospitals and Sanatoria

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Herein is presented detailed report upon Public, Red Cross and Convalescent Hospitals, Hospitals for Incurables, Sanatoria for Consumptives and Private Hospitals operating in the Province of Ontario, as compiled from the Statistical and Financial Statements submitted by each, for the year which ended September 30th, 1934.

There were 162 of these institutions in operation and participating in Provincial grants at the close of the year; and 89 private institutions, classified as follows:—

118 Public Hospitals	12 Sanatoria for Consumptives
24 Red Cross Hospitals	1 Convalescent Hospital
7 Hospitals for Incurables	89 Private Hospitals

There was an increase of 9,761 in the number of patients treated in all institutions, with a total increase of 211,043 days' stay, over last year.

During the year the Hillcrest Convalescent Home at 1275 Bathurst St. was approved as a Convalescent Hospital, being the first institution to be so designated under the provisions in the Public Hospitals Act for Convalescent Hospitals.

Institutions for the care of the sick in Ontario constitute an industry of considerable magnitude. The total investment in real estate, buildings, plant and equipment in the Hospitals and Sanatoria of this Province amounts to sixty million dollars. The business turnover last year totalled some \$12,508,673.70, of which \$6,107,703.54 was received from patients, \$4,510,813.56 from municipalities, and \$1,890,156.60 was contributed by the Province in the form of grants.

The Hospitals Division of the Department of Health of Ontario is fully organized to deal with all matters relating to hospital administration and service. You are invited to submit your problems to this office.

Executives and officials of the several institutions reported herein are urgently requested to make a careful study of the tables, comparing their hospital with those of similar size and capacity. Those interested in Private Hospitals will find a table in the back of the report dealing with these institutions.

C. J. TELFER,  
*Inspector of Hospitals and Sanatoria.*

CONSOLIDATED STATEMENT GIVING CERTAIN STATISTICAL AND  
FINANCIAL INFORMATION

Year October 1st, 1933—September 30th, 1934

	Public Hospitals	Red Cross Outposts	Sanatoria for Con- sumptives	Hospitals for Incurables	Totals
Adult bed capacity.....	11,558	222	2,622	955	15,357
Nursery cots or children's beds.....	1,816	48	496	40	2,400
Average number of beds per 1,000 population.....					5
Number of patients in residence on October 1st, 1933.....	7,693	126	2,861	882	11,562
Number of patients admitted during year.....	194,499	3,839	2,782	552	201,672
Number of births during year.....	24,696	666	8		25,370
Total number of patients treated during year.....	226,888	4,631	5,651	1,434	238,604
Number of patients discharged during year.....	208,059	4,371	2,364	174	214,968
Number of deaths during year, including still- births.....	10,684	157	451	330	11,622
Number of patients remaining in residence September 30th, 1934.....	8,145	103	2,836	930	12,014
Totals.....	226,888	4,631	5,651	1,434	238,604
Total collective days' stay of all patients treated during year.....	3,102,265	41,937	1,065,552	330,423	4,540,177
Staff and Employees at September 30th, 1934:					
Graduate nurses.....	1,475	49	280	90	1,894
Pupil nurses.....	2,709		57		2,766
Probationers.....	684				684
Other graduate and professional staff.....	399	1	77	18	495
Orderlies.....	303	15	128	27	473
All other employees.....	3,899	37	959	357	5,252
Totals.....	9,469	102	1,501	492	11,564
OPERATING REVENUE					
Income from patients for maintenance and treatment, and miscellaneous.....	\$ 5,809,595 41	\$ 95,253 96	\$ 293,130 16	\$ 95,468 65	\$ 6,293,448 18
Income and grants from municipalities for maintenance and treatment of patients.....	2,763,241 07	6,265 10	1,293,719 09	363,488 38	4,426,713 64
Grants from government for treatment of patients.....	1,205,410 63	24,892 17	752,904 04	175,307 65	2,158,514 49
Total Operating Revenue.....	9,778,247 11	126,411 23	2,339,753 29	634,264 68	12,878,676 31
NON-OPERATING REVENUE					
Income from property, investments, endow- ments, etc.....	250,280 63		128,207 39	35,575 07	414,063 09
Income from donations, bequests and other gratuitous sources.....	506,176 32	47,136 86	91,648 95	53,450 34	698,412 47
Grants from municipalities for building, debentures, etc.....	319,061 09	3,554 46	18,606 00		341,221 55
Total Non-Operating Revenue.....	1,075,518 04	50,691 32	238,462 34	89,025 41	1,453,697 11
Total Revenue.....	10,853,765 15	177,102 55	2,578,215 63	723,290 09	14,332,373 42
OPERATING EXPENSE					
Total cost of dietaries.....	1,752,649 18	23,247 18	530,143 80	121,612 69	2,427,652 85
Total cost of salaries and wages.....	4,218,608 21	72,004 06	894,959 27	250,242 01	5,435,813 55
Other operating costs.....	3,190,921 32	52,221 97	638,567 02	161,082 35	4,042,792 66
Total Operating Expense.....	9,162,178 71	147,473 21	2,063,670 09	532,937 05	11,906,259 06
Interest and Sinking Fund Charges.....	778,140 62		57,081 52	19,822 37	855,044 51
Total Cost.....	9,940,319 33	147,473 21	2,120,751 61	552,759 42	12,761,303 57
Average daily per capita cost.....	3.20	2.96	1.99	1.67	2.81

NOTE:—No provision is made in these figures for reserves for depreciation on buildings, plant and equipment, and for bad and doubtful accounts.

## PUBLIC HOSPITALS

TABLE No. 1.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence on Oct. 1st, 1933	Patients admitted during year ending Sept. 30th, 1934	No. of births during year	Total No. of patients treated during year	No. of patients discharg'd during year	No. of deaths	No. of stillbirths	Patients remaining in residence on Sept. 30th, 1934
		Adults	Nursery cots								
Group 1— Capacity, 1 to 25 Beds											
Public Hospital.....	Clinton.....	18	7	11	223	59	293	266	10	3	14
Cobalt Municipal.....	Cobalt.....	20	2	5	165	14	184	171	7	1	5
Misericordia Hospital.....	Haileybury.....	20	5	11	530	36	577	540	18	3	16
Memorial Hospital.....	Hanover.....	15	4	5	181	29	215	197	12		6
Notre Dame Hospital.....	Hawkesbury.....	18	3	19	551	16	586	547	18	2	19
Memorial Hospital.....	Listowel.....	18	5	6	276	64	346	315	18	6	7
Rosedale War Memorial.....	Matheson.....	10	4	11	269	79	359	328	12	5	14
The Mindemoya Hospital.....	Mindemoya.....	10		2	43		45	43			2
Louise Marshall Hospital.....	Mount Forest.....	16	5	5	135	28	168	142	20	2	4
Cottage Hospital.....	Niagara-on-Lake.....	14	5	13	108	19	140	131	3		6
General Hospital.....	Palmerston.....	13	2	3	126	18	147	136	3		8
Willett Hospital.....	Paris.....	16	5	5	363	89	467	419	29	4	15
General Hospital.....	Penetanguishene.....	16	4	9	291	62	362	340	10	3	9
Presbyterian Hospital.....	So. Porcupine.....	10	2	14	342	34	390	365	16	2	7
The Mothercraft Centre.....	Toronto.....	6	16	10	118		128	113	2		13
General Hospital.....	Wingham.....	20	5	4	195	39	238	205	12	3	18
Totals.....		240	74	143	3,916	586	4,645	4,258	190	34	163
Total beds.....			314								
Group 2— Capacity, 26 to 50 Beds											
Stevenson Memorial.....	Alliston.....	21	7	10	302	47	359	338	15		6
Rosamond Memorial.....	Almonte.....	20	6	9	265	74	348	330	8	3	7
General Hospital.....	Bowmanville.....	20	6	14	366	86	466	431	19	4	12
Peel Memorial.....	Brampton.....	30	7	19	533	124	676	611	33	5	27
Lady Minto Hospital.....	Chapleau.....	34	6	9	481	44	534	498	15	2	19
General Hospital.....	Cobourg.....	35	6	14	527	66	607	557	29	3	18
Haldimand War Memorial.....	Dunnville.....	21	7	11	313	54	378	336	30	4	8
Red Cross Memorial.....	Durham.....	24	6	8	162	30	200	180	8	2	10
Groves Memorial.....	Fergus.....	23	7	13	351	62	426	390	18	7	11
Douglas Memorial.....	Fort Erie.....	29	12	8	387	50	445	414	21	1	9
Alexandra Marine & Gen.....	Goderich.....	32	8	13	372	70	455	408	24	3	20
St. Paul's Hospital.....	Hearst.....	25	6	23	540	89	652	614	17	3	18
Alexandra Hospital.....	Ingersoll.....	26	8	12	278	91	381	342	14	4	21
Anson General Hospital.....	Iroquois Falls.....	28	6	8	472	41	521	483	14	1	23
General Hospital.....	Kincardine.....	25	9	11	249	81	341	292	17	1	15
General Hospital.....	Mattawa.....	38	4	16	245	11	272	248	12		12
St. Andrew's Hospital*.....	Midland.....	37	8	28	785	127	940	870	37	6	27
York County Hospital.....	Newmarket.....	35	9	21	592	110	723	662	37	3	21
Queen Victoria Memorial.....	North Bay.....	43	7	22	835	110	967	895	37	5	30
Lord Dufferin Hospital.....	Orangeville.....	37	8	17	412	44	473	414	36	3	20
General Hospital.....	Parry Sound.....	30	5	13	453	61	527	486	19	2	20
St. Joseph's Hospital.....		28	10	15	548	75	638	593	24	3	18
Great War Memorial*.....	Perth.....	34	6	24	685	92	801	734	32	3	32
C.E. Englehart Hospital*.....	Petrollea.....	29	6	6	331	58	395	356	27	3	9
Prince Edward County*.....	Pictou.....	28	6	10	443	88	541	504	26	3	8
Scott Memorial Hospital.....	Seaforth.....	21	5	11	299	57	367	340	8	5	14
Norfolk General Hospital.....	Simcoe.....	40	10	32	886	199	1,117	1,011	76	5	27
General Hospital.....	Sioux Lookout.....	22	4	15	629	45	689	647	17	1	24
Public Hospital*.....	Smiths Falls.....	43	7	20	458	92	570	505	31	5	29
St. Francis General.....		38	7	10	315	47	372	333	16	2	21
General Hospital*.....	Strathroy.....	44	6	20	411	73	504	446	37	6	15
Breifeuf Hospital.....	Sturgeon Falls.....	29	3	25	577	33	635	595	18	2	20
Soldiers' Memorial.....	Tillsonburg.....	24	10	22	531	95	648	590	27	2	29
Lockwood Clinic.....	Toronto.....	40		29	798		827	780	23		24
Mount Sinai Hospital.....		30	15	32	1,227	345	1,604	1,545	31	7	21
County of Bruce*.....	Walkerton.....	32	6	10	382	74	466	411	36	4	15
Totals.....		1,095	249	580	17,440	2,845	20,865	19,195	893	117	660
Total beds.....			1,344								

\*NOTE:—These hospitals conduct training schools for nurses.



## PUBLIC HOSPITALS—Continued

TABLE No. I.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.—Continued.

Name of Hospital	Location	Bed Capacity		Patients in residence on Oct. 1st, 1933	Patients admitted during year ending Sept. 30th, 1934	No. of births during year	Total No. of patients treated during year	No. of patients discharged during year	No. of deaths	No. of stillbirths	Patients remaining in residence on Sept. 30th, 1934	
		Adults	Nursery cots									
Group 3—												
Capacity, 51 to 100 Beds												
Royal Victoria*	Barrie	44	10	38	882	146	1,066	970	53	9	34	
St. Vincent de Paul*	Brockville	77	10	32	1,052	76	1,160	1,083	33	6	38	
Public General*	Chatham	88	12	37	1,644	168	1,849	1,689	99	12	49	
St. Joseph's Hospital*		80	12	45	1,321	199	1,565	1,419	87	8	51	
Lady Minto Hospital*	Cochrane	57	8	47	830	130	1,007	918	51	1	37	
General & Marine Hosp.*	Collingwood	52	9	18	537	59	614	555	48	3	28	
General Hospital*	Cornwall	65	9	47	1,099	110	1,256	1,142	63	4	47	
Hotel Dieu Hospital*		86	14	78	1,843	191	2,112	1,952	81	11	68	
General Hospital*	Galt	70	10	63	1,297	205	1,565	1,435	77	5	48	
St. Joseph's Hospital*	Guelph	87	13	55	1,447	155	1,657	1,519	74	5	59	
General Hospital*	Kenora	54	6	20	966	89	1,075	999	31	6	39	
St. Joseph's Hospital		59	6	26	655	81	762	713	23	2	24	
Kitchener-Waterloo*	Kitchener	73	12	44	1,630	211	1,885	1,740	83	11	51	
Ross Memorial Hospital*	Lindsay	50	14	22	792	132	946	855	45	12	34	
St. Joseph's Hospital	North Bay	88	12	31	1,052	86	1,169	1,081	45	3	40	
Soldier's Memorial*	Orillia	66	12	45	1,218	184	1,447	1,342	61	6	38	
General Hospital*	Oshawa	77	20	38	1,642	286	1,966	1,819	79	16	52	
Protestant Children's	Ottawa	43	12	37	728		765	717	24		24	
S.A. Grace Hospital		58	38	73	1,580	866	2,519	2,360	51	33	75	
General & Marine*	Owen Sound	83	10	33	1,178	188	1,399	1,294	53	6	46	
Cottage Hospital*	Pembroke	60	6	31	899	45	975	899	46	3	27	
Nicholl's Hospital*	Peterborough	81	9	54	1,434	292	1,780	1,611	90	12	67	
St. Joseph's Hospital*		86	14	50	1,204	174	1,428	1,311	97	10	50	
General Hospital*	Port Hope	45	6	12	456	84	552	505	37	4	6	
Victoria Hospital*	Renfrew	50	8	19	664	93	776	696	42	5	33	
General Hospital*	Sault Ste. Marie	92	8	28	890	111	1,029	922	60	8	39	
Plummer Memorial*		50	14	36	834	102	972	885	41	6	40	
St. Mary's Hospital*	Timmins	75	6	50	1,749	120	1,919	1,786	78	6	49	
St. John's Hospital	Toronto	70		44	1,727		1,771	1,699	33		39	
S.A. Women's Hospital		54	40	59	1,260	748	2,067	1,945	35	20	67	
Welland County Hospital	Welland	55	7	29	1,000	104	1,133	990	93	15	35	
General Hospital*	Woodstock	67	12	49	1,001	129	1,179	1,071	60	4	44	
Totals		2,142	379	1,290	36,511	5,564	43,365	39,902	1,833	252	1,378	
Total beds			2,521									
Group 4—												
Capacity, 101 to 200 Beds												
Belleville		98	18	88	2,615	269	2,972	2,738	130	12	92	
General Hospital*	Brantford	162	20	136	3,314	445	3,895	3,535	181	15	164	
General Hospital*	Brockville	102	11	59	1,337	163	1,559	1,445	54	9	51	
General Hospital*	Guelph	95	12	72	1,655	198	1,925	1,727	111	12	75	
St. Joseph's Hospital*	Hamilton	160	25	132	2,958	563	3,653	3,351	177	22	103	
St. Mary's Hospital*	Kitchener	110	24	39	1,560	218	1,817	1,665	79	4	69	
General Hospital*	Niagara Falls	118	18	57	1,457	296	1,810	1,646	89	15	60	
General Hospital*	Pembroke	96	10	35	917	59	1,011	933	38	1	39	
General Hospital*	Port Arthur	92	14	52	1,067	133	1,252	1,169	41	3	39	
St. Joseph's Hospital*		149	29	83	2,310	276	2,669	2,471	97	11	90	
General Hospital*	St. Catharines	150	18	66	2,748	369	3,183	2,956	122	8	97	
Memorial Hospital*	St. Thomas	89	18	59	1,540	226	1,825	1,661	94	13	57	
General Hospital*	Sarnia	111	17	47	1,519	285	1,851	1,685	106	12	48	
General Hospital*	Stratford	82	20	42	1,416	243	1,701	1,555	86	8	52	
Toronto East General*	Toronto	145	32	136	3,091	591	3,818	3,476	176	28	138	
Wellesley Hospital*		86	16	74	2,225	171	2,470	2,300	82	6	82	
Women's College*		78	30	62	1,714	563	2,339	2,222	24	14	79	
Metropolitan General	Walkerville	120	32	91	2,530	362	2,983	2,737	141	20	85	
Hotel Dieu Hospital*	Windsor	109	19	76	2,624	210	2,910	2,641	168	13	88	
S.A. Grace Hospital*		110	14	54	1,802	213	2,069	1,870	112	8	79	
Totals		2,262	397	1,460	40,399	5,853	47,712	43,783	2,108	234	1,587	
Total beds			2,659									
Group 5—												
Bed capacity, 201 and over												
McKellar General*	Fort William	192	32	114	2,894	339	3,347	3,078	115	18	136	
Hamilton General (includ. Mt. Hamilton Branch)*	Hamilton	618	47	454	11,906	1,329	13,689	12,609	568	61	451	
Kingston General*	Kingston	375	25	187	4,784	284	5,255	4,848	167	9	231	
Hotel Dieu Hospital*		180	20	113	2,179	271	2,563	2,361	83	20	99	
St. Joseph's Hospital*	London	253	47	120	3,106	423	3,649	3,344	158	12	135	
Victoria Hospital*		424	30	296	5,741	490	6,527	5,915	289	22	301	
Ottawa Civic*	Ottawa	540	60	376	9,126	880	10,382	9,534	417	28	403	
General Hospital*		305	31	257	6,056	415	6,728	6,249	226	22	231	
St. Joseph's Hospital*	Sudbury	200	30	73	2,942	361	3,376	3,159	113	24	80	
Hospital for Sick Children*	Toronto	340	60	366	7,511		7,877	7,124	418		335	
St. Joseph's Hospital*		265	25	208	4,790	464	5,462	4,920	299	23	220	
St. Michael's Hospital*		574	58	461	9,223	1,160	10,844	9,826	498	32	488	
Toronto General Hospital*		1,158	175	840	17,333	1,974	20,147	18,305	854	83	905	
Toronto Western Hospital (incl. Grace Division)*		395	77	355	8,642	1,458	10,455	9,649	408	56	342	
Totals		5,819	717	4,220	96,233	9,848	110,301	100,921	4,613	410	4,357	
Total beds			6,536									
GRAND TOTALS		11,558	1,816	7,693	194,499	24,696	226,888	208,059	9,637	1,047	8,145	
GRAND TOTAL BEDS			13,374									

\*NOTE:—These hospitals conduct training schools for nurses.

## PUBLIC HOSPITALS—Continued

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	No. of patients, including infants born during year	Total collective days' stay of adults treated during year	Total collective days' stay of infants born during year	Total collective days' stay of all patients during year	Average days' stay of all patients, including infants	Average No. of patients in hospital daily	No. of graduate and professional staff	No. of other employees, including nurses-in-training
<b>Group 1—</b>									
Capacity, 1 to 25 Beds									
Public Hospital	Clinton	293	3,038	749	3,787	12.9	10.4	3	9
Cobalt Municipal Hospital	Cobalt	184	2,562	117	2,679	14.6	7.3	3	6
Misericordia Hospital	Haileybury	577	6,076	354	6,430	11.1	17.6	5	9
Memorial Hospital	Hanover	215	1,746	343	2,089	9.7	5.7	3	4
Notre Dame Hospital	Hawkesbury	586	5,278	159	5,437	9.3	14.9	1	11
Memorial Hospital	Listowel	346	3,311	642	3,953	11.4	10.8	4	4
Rosedale War Memorial	Matheson	359	2,789	727	3,516	9.8	9.6	3	4
The Mindemoya Hospital	Mindemoya	45	427		427	9.5	1.2	1	5
Louise Marshall Hospital	Mount Forest	168	1,851	265	2,116	12.6	5.8	2	6
Cottage Hospital	Niagara-on-Lake	140	2,870	219	3,089	22.0	8.5	3	3
General Hospital	Palmerston	147	1,551	220	1,771	12.0	4.9	3	2
Willett Hospital	Paris	467	6,312	1,040	7,352	15.7	20.0	6	6
General Hospital	Penetanguishene	362	2,334	611	2,945	8.1	8.0	4	4
Presbyterian Hospital	So. Porcupine	390	3,362	268	3,630	9.3	9.0	3	3
The Mothercraft Centre	Toronto	128	3,409		3,409	26.6	9.3	2	5
General Hospital	Wingham	238	2,488	372	2,860	12.0	7.8	2	7
Totals		4,645	49,404	6,086	55,490	11.9	152.0	48	88
<b>Group 2—</b>									
Capacity, 26 to 50 Beds									
Stevenson Memorial	Alliston	359	4,017	480	4,497	12.5	12.3	5	6
Rosamond Memorial	Almonte	348	3,326	780	4,106	11.8	11.2	5	3
General Hospital	Bowmanville	466	4,460	913	5,373	11.5	14.7	3	15
Peel Memorial	Brampton	676	5,011	1,216	6,227	9.2	17.0	8	8
Lady Minto Hospital	Chapleau	534	8,195	432	8,627	16.2	23.6	5	5
General Hospital	Cobourg	607	5,871	714	6,585	10.8	18.0	10	8
Haldimand War Memorial	Dunnville	378	3,080	546	3,626	9.6	9.9	5	3
Red Cross Memorial	Durham	200	2,449	321	2,770	13.8	7.6	4	4
Groves Memorial	Fergus	426	3,678	588	4,266	10.0	11.7	8	5
Douglas Memorial	Fort Erie	445	4,807	515	5,322	11.9	14.6	9	10
Alexandra Marine & General	Goderich	455	5,574	663	6,237	13.7	17.1	3	13
St. Paul's Hospital	Hearst	652	6,759	821	7,580	11.6	20.8	5	8
Alexandra Hospital	Ingersoll	381	3,269	905	4,174	10.9	11.4	3	9
Anson General Hospital	Iroquois Falls	521	4,877	387	5,264	10.1	14.4	9	6
General Hospital	Kincardine	341	4,154	676	4,830	14.2	13.2	8	4
General Hospital	Mattawa	272	3,888	113	4,001	14.7	11.0	2	9
St. Andrew's Hospital	Midland	940	7,539	1,262	8,801	9.4	24.1	3	22
York County Hospital	Newmarket	723	6,937	1,217	8,154	11.3	22.3	9	7
Queen Victoria Memorial	North Bay	967	8,995	1,068	10,063	10.4	27.6	11	11
Lord Dufferin Hospital	Orangeville	473	5,174	501	5,675	12.0	15.5	9	5
General Hospital	Parry Sound	527	5,715	579	6,294	11.9	17.2	6	10
St. Joseph's Hospital	"	638	5,476	681	6,157	9.7	16.9	5	15
Great War Memorial	Perth	801	8,635	1,059	9,694	12.1	26.6	6	20
C.E. Englehart Hospital	Petrolia	395	4,597	529	5,126	13.0	14.0	6	15
Prince Edward County	Pictou	541	4,061	823	4,884	9.0	13.4	3	12
Scott Memorial Hospital	Seaforth	367	3,352	593	3,945	10.8	10.8	6	7
Norfolk General Hospital	Simcoe	1,117	11,297	2,112	13,409	12.0	36.9	15	14
General Hospital	Sioux Lookout	689	7,495	369	7,864	11.4	21.5	7	6
Public Hospital	Smiths Falls	570	7,358	962	8,320	14.6	22.8	8	25
St. Francis General	"	372	6,570	459	7,029	19.0	19.3	4	16
General Hospital	Strathroy	504	7,519	825	8,344	16.6	22.9	3	24
Brebeuf Hospital	Sturgeon Falls	635	8,080	339	8,419	13.3	23.0	4	8
Soldiers' Memorial	Tillsonburg	648	7,176	916	8,092	12.5	22.0	9	10
Lockwood Clinic	Toronto	827	8,884		8,884	10.7	24.3	13	12
Mount Sinai Hospital	"	1,604	10,785	2,791	13,576	8.5	37.2	10	11
County of Bruce General	Walkerton	466	4,489	660	5,149	11.0	14.1	3	14
Totals		20,865	213,549	27,815	241,364	11.6	661.3	232	350

**PUBLIC HOSPITALS—Continued**

**TABLE No. II.**—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the average stay in days each patient was under treatment.—*Continued*

Name of Hospital	Location	No. of patients, including infants born during year	Total collective days' stay of adults treated during year	Total collective days' stay of infants born during year	Total collective days' stay of all patients during year	Average days' stay of all patients, including infants	Average No. of patients in hospital daily	No. of graduate and professional staff	No. of other employees, including nurses-in-training
<b>Group 3—</b>									
Capacity, 51 to 100 Beds									
Royal Victoria	Barrie	1,066	10,478	1,496	11,974	11.2	32.8	3	31
St. Vincent de Paul	Brockville	1,160	11,979	828	12,807	11.0	35.0	13	44
Public General	Chatham	1,849	16,552	1,617	18,169	10.0	49.8	10	59
St. Joseph's Hospital		1,565	15,818	1,835	17,653	11.3	48.4	11	59
Lady Minto Hospital	Cochrane	1,007	15,939	1,304	17,243	17.1	47.2	12	19
General & Marine Hospital	Collingwood	614	9,538	705	10,243	16.7	28.0	6	29
General Hospital	Cornwall	1,256	16,221	1,286	17,507	13.9	48.0	11	38
Hotel Dieu Hospital		2,112	27,522	2,014	29,536	14.0	80.9	21	46
General Hospital	Galt	1,565	16,837	2,393	19,230	12.3	52.7	23	22
St. Joseph's Hospital	Guelph	1,657	19,792	1,593	21,385	12.9	58.6	11	78
General Hospital	Kenora	1,075	14,648	817	15,465	14.4	42.4	5	19
St. Joseph's Hospital		762	10,776	758	11,534	15.1	31.6	8	18
Kitchener-Waterloo Hospital	Kitchener	1,885	15,782	2,040	17,822	9.5	48.8	10	54
Ross Memorial Hospital	Lindsay	946	9,054	1,270	10,324	10.9	28.3	6	26
St. Joseph's Hospital	North Bay	1,169	12,840	829	13,309	11.4	36.5	10	32
Soldiers' Memorial	Orillia	1,447	14,468	1,894	16,362	11.3	44.8	9	39
General Hospital	Oshawa	1,966	14,544	2,425	16,969	8.6	46.5	9	61
Protestant Children's	Ottawa	765	11,393		11,393	14.9	31.2	10	15
S.A. Grace Hospital		2,519	15,183	9,273	24,456	9.7	67.0	11	38
General and Marine	Owen Sound	1,399	14,341	1,893	16,234	11.6	44.5	4	59
Cottage Hospital	Pembroke	975	10,074	460	10,534	10.8	28.9	9	21
Nicholl's Hospital	Peterborough	1,780	20,985	3,132	24,117	13.5	66.1	9	57
St. Joseph's Hospital		1,428	16,859	1,750	18,609	13.0	51.0	11	45
General Hospital	Port Hope	552	5,232	978	6,210	11.2	17.0	7	8
Victoria Hospital	Renfrew	776	9,207	918	10,125	13.0	27.7	3	28
General Hospital	Sault Ste. Marie	1,029	10,462	1,107	11,569	11.2	31.7	11	32
Plummer Memorial		972	9,971	1,000	10,971	11.3	30.1	6	27
St. Mary's Hospital	Timmins	1,919	18,951	1,135	20,086	10.4	55.0	16	61
St. John's Hospital	Toronto	1,771	15,711		15,711	8.9	43.0	14	56
S.A. Women's Hospital		2,067	12,569	8,629	21,198	10.3	58.1	25	29
Welland County Hospital	Welland	1,133	11,314	872	12,186	10.8	33.4	24	12
General Hospital	Woodstock	1,179	13,803	1,356	15,159	12.9	41.5	8	43
<b>Totals</b>		<b>43,365</b>	<b>448,483</b>	<b>57,607</b>	<b>506,090</b>	<b>12.0</b>	<b>1,386.5</b>	<b>346</b>	<b>1,205</b>
<b>Group 4—</b>									
Capacity, 101 to 200 Beds									
General Hospital	Belleville	2,972	32,592	2,647	35,239	11.9	96.5	9	74
General Hospital*	Brantford	3,895	55,380	5,383	60,763	15.6	166.5	38	162
General Hospital	Brookville	1,559	22,693	2,007	24,700	15.8	67.7	7	78
General Hospital	Guelph	1,925	25,800	1,997	27,803	14.4	76.2	12	68
St. Joseph's Hospital	Hamilton	3,653	40,435	6,018	46,453	12.7	127.3	28	146
St. Mary's Hospital	Kitchener	1,817	20,664	2,460	23,124	12.7	63.4	15	84
General Hospital	Niagara Falls	1,810	19,475	2,800	22,275	12.3	61.0	9	57
General Hospital	Pembroke	1,011	13,394	624	14,018	13.9	38.4	11	28
General Hospital	Port Arthur	1,252	17,080	1,447	18,527	14.7	50.8	11	55
St. Joseph's Hospital		2,669	32,343	3,563	34,906	13.1	95.6	11	69
General Hospital	St. Catharines	3,183	32,384	3,466	35,850	11.3	98.2	17	96
Memorial Hospital	St. Thomas	1,825	17,641	2,269	19,910	10.9	54.5	16	58
General Hospital	Sarnia	1,851	16,912	2,519	19,431	10.5	53.2	8	61
General Hospital	Stratford	1,701	16,998	2,612	19,610	11.5	53.7	8	54
Toronto East General	Toronto	3,818	48,546	6,612	55,158	14.4	151.1	25	130
Wellesley Hospital		2,470	25,006	2,368	27,374	11.1	75.0	9	138
Women's College		2,339	20,389	6,713	27,102	11.6	74.3	18	73
Metropolitan General	Walkerville	2,983	31,216	3,511	34,727	11.6	95.1	34	51
Hotel Dieu Hospital	Windsor	2,910	27,908	2,187	30,095	10.3	82.5	30	92
S.A. Grace Hospital		2,069	23,463	2,236	25,699	12.4	70.4	11	72
<b>Totals</b>		<b>47,712</b>	<b>540,325</b>	<b>62,439</b>	<b>602,764</b>	<b>12.6</b>	<b>1,651.4</b>	<b>327</b>	<b>1,646</b>
<b>Group 5—</b>									
Capacity, 201 and over									
McKellar General	Fort William	3,347	50,130	3,044	53,174	15.9	145.7	21	98
Hamilton General (including Mt. Hamilton Branch)	Hamilton	13,689	151,800	15,569	167,369	12.2	455.8	81	518
Kingston General†	Kingston	5,255	88,397	3,194	91,591	17.4	250.9	24	258
Hotel Dieu Hospital		2,563	34,944	2,763	37,707	14.7	103.3	38	88
St. Joseph's Hospital	London	3,649	45,019	5,182	50,201	13.8	137.5	30	156
Victoria Hospital‡		6,527	113,997	5,494	119,491	18.3	327.4	35	293
Ottawa Civic	Ottawa	10,382	148,485	11,030	159,515	15.4	437.0	64	420
General Hospital		6,728	88,589	4,511	93,100	13.8	255.1	104	188
St. Joseph's Hospital	Sudbury	3,376	35,186	3,575	38,761	11.5	106.2	20	68
Hospital for Sick Children	Toronto	7,877	131,904		131,904	16.7	361.4	84	359
St. Joseph's Hospital		5,462	80,901	5,006	85,907	15.7	235.4	26	153
St. Michael's Hospital		10,844	171,437	13,847	185,284	17.1	507.6	105	411
Toronto General Hospital		20,147	314,645	22,907	337,552	16.8	924.8	181	947
Toronto Western (including Grace Division)		10,455	128,928	16,073	145,001	13.9	397.3	102	362
<b>Totals</b>		<b>110,301</b>	<b>1,584,362</b>	<b>112,195</b>	<b>1,696,557</b>	<b>15.4</b>	<b>4,645.4</b>	<b>915</b>	<b>4,319</b>
<b>GRAND TOTALS</b>		<b>226,888</b>	<b>2,836,123</b>	<b>266,142</b>	<b>3,102,265</b>	<b>13.7</b>	<b>8,499.4</b>	<b>1,868</b>	<b>7,638</b>

\*General Hospital, Brantford, includes 255 patients with 7,086 days' isolation cases.  
 †General Hospital, Kingston, includes 115 patients with 10,468 days' isolation cases.  
 ‡Victoria Hospital, London, includes 2,671 days' isolation cases.

## PUBLIC HOSPITALS—Continued

TABLE No. III.—Showing the cost of operating the hospitals, and the average daily cost of each patient.

Name of Hospital	Location	Total collective days' stay of all patients	Interest and sinking fund charges	Cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
<b>Group 1—</b>							
Capacity, 1 to 25 Beds							
Public Hospital	Clinton	3,787		2,195 80	7,710 03	9,905 83	2 62
Cobalt Municipal	Cobalt	2,679		1,901 24	6,908 28	8,809 52	3 29
Misericordia Hospital	Haileybury	6,430	4,797 80	2,943 25	7,805 87	10,749 12	1 67
Memorial Hospital	Hanover	2,089		901 13	6,444 64	7,345 77	3 52
Notre Dame Hospital	Hawkesbury	5,437	1,000 00	2,782 92	13,890 07	16,672 99	3 07
Memorial Hospital	Listowel	3,953		1,616 97	9,330 53	10,947 50	2 77
Rosedale War Memorial	Matheson	3,516		1,490 22	5,892 83	7,383 05	2 10
The Mindemoya Hospital	Mindemoya	427		835 00	2,622 00	3,457 00	8 10
Louise Marshall Hospital	Mount Forest	2,116		574 08	5,240 00	5,814 08	2 75
Cottage Hospital	Niagara-on-Lake	3,089		1,847 93	5,650 53	7,498 46	2 43
General Hospital	Palmerston	1,771		994 54	3,074 96	4,069 50	2 30
Willett Hospital	Paris	1,771		2,723 71	14,320 13	17,043 84	2 32
General Hospital	So. Porcupine	2,945		865 26	5,855 06	6,720 32	2 28
Presbyterian Hospital	So. Porcupine	3,630		2,481 75	10,578 38	13,060 13	3 60
The Mothercraft Centre	Toronto	3,409		1,906 88	8,443 99	10,350 87	3 04
General Hospital	Wingham	2,860		2,019 33	6,633 31	8,652 64	3 03
Totals		55,490	5,797 80	28,080 01	120,400 61	148,480 62	2 68
Total cost including interest and sinking fund charges						154,278 42	
Average per capita cost including interest and sinking fund charges							2 78
<b>Group 2—</b>							
Capacity, 26 to 50 Beds							
Stevenson Memorial	Alliston	4,497		1,977 55	15,968 93	17,946 48	3 99
Rosamond Memorial	Almonte	4,106		1,598 27	9,648 09	11,247 26	2 74
General Hospital	Bowmanville	5,373		3,266 06	12,187 12	15,453 18	2 88
Peel Memorial	Brampton	6,227	780 00	2,736 11	14,436 39	17,172 50	2 76
Lady Minto Hospital	Chapleau	8,627		3,012 31	12,496 08	15,509 29	1 80
General Hospital	Cobourg	6,585		2,703 45	15,008 30	17,711 75	2 69
Haldimand War Memorial	Dunnville	3,626		1,845 65	9,134 87	10,980 52	3 03
Red Cross Memorial	Durham	2,770	650 51	926 28	5,576 02	6,502 30	2 31
Groves Memorial	Fergus	4,266		2,570 50	12,420 86	14,991 36	3 51
Douglas Memorial	Fort Erie	5,322		6,342 10	23,708 41	30,050 51	5 65
Alexandra Marine & General	Goderich	6,237		3,019 80	13,264 11	16,283 91	2 61
St. Paul's Hospital	Hearst	7,580		3,610 38	13,724 28	17,334 66	2 29
Alexandra Hospital	Ingersoll	4,174		2,166 42	9,937 51	12,103 93	2 90
Anson General Hospital	Iroquois Falls	5,264		4,914 75	25,363 47	30,278 22	5 75
General Hospital	Kincardine	4,830		1,520 24	8,635 25	10,155 49	2 10
General Hospital	Mattawa	4,001	1,765 06	2,542 22	13,336 46	15,878 68	3 97
St. Andrew's Hospital	Midland	8,801	3,527 69	2,295 92	18,428 19	20,724 11	2 35
York County Hospital	Newmarket	8,154	2,447 70	2,956 87	18,693 89	21,650 76	2 66
Queen Victoria Memorial	North Bay	10,063		5,559 38	23,619 07	29,178 45	2 86
Lord Dufferin Hospital	Orangeville	5,675	167 42	1,777 17	14,362 79	16,139 96	2 84
General Hospital	Parry Sound	6,294		3,097 50	9,899 14	12,996 64	2 06
St. Joseph's Hospital	"	6,157		3,216 42	11,952 43	15,168 85	2 46
Great War Memorial	Perth	9,694		4,505 65	17,619 22	22,124 87	2 28
C.E. Englehart Hospital	Petrolia	5,126		2,723 06	16,302 52	19,025 58	3 71
Prince Edward County	Picton	4,884	1,584 20	2,701 77	11,264 03	13,965 80	2 86
Scott Memorial Hospital	Seaford	3,945		1,424 51	8,226 71	9,651 22	2 45
Norfolk General Hospital	Simcoe	13,409		7,613 39	30,123 46	37,736 85	2 81
General Hospital	Sioux Lookout	7,864		3,937 02	13,581 19	17,518 21	2 23
Public Hospital	Smiths Falls	8,320		5,795 06	20,758 69	26,554 65	3 19
St. Francis General	"	7,029	650 00	6,803 38	17,736 38	24,539 76	3 49
General Hospital	Strathroy	8,344		3,731 79	14,292 65	18,024 44	2 16
Brebeuf Hospital	Sturgeon Falls	8,419		2,268 59	15,503 33	17,771 92	2 11
Soldiers' Memorial	Tillsonburg	8,092		3,197 89	15,479 40	18,677 29	2 32
Lockwood Clinic	Toronto	8,884		4,485 00	40,661 00	45,146 00	5 08
Mount Sinai Hospital	"	13,576		6,311 50	24,735 94	31,047 44	2 29
County of Bruce General	Walkerton	5,149	275 00	2,342 65	11,351 91	13,694 56	2 66
Totals		241,364	11,847 58	121,497 51	569,439 89	690,937 40	2 86
Total cost including interest and sinking fund charges						702,784 98	
Average per capita cost including interest and sinking fund charges							2 91
<b>Group 3—</b>							
Capacity, 51 to 100 Beds							
Royal Victoria	Barrie	11,974	240 00	8,253 31	20,471 16	28,724 47	2 40
St. Vincent de Paul	Brockville	12,807	3,000 00	11,919 00	33,972 07	45,891 07	3 58
Public General	Chatham	18,169	1,161 48	9,608 60	38,215 99	47,824 59	2 63
St. Joseph's Hospital	"	17,653	1,355 00	12,088 92	41,020 90	53,109 82	3 01
Lady Minto Hospital	Cochrane	17,243		7,951 84	32,753 97	40,705 81	2 36
General & Marine Hospital	Collingwood	10,243		5,277 46	19,725 94	25,003 40	2 44
General Hospital	Cornwall	17,507	592 50	12,233 08	39,054 94	51,288 02	2 93
Hotel Dieu Hospital	"	29,536	5,104 95	14,022 16	48,810 86	62,833 02	2 13
General Hospital	Galt	19,230	10,183 14	10,399 71	44,607 26	55,006 97	2 86
St. Joseph's Hospital	Guelph	21,385		19,398 22	43,812 81	63,211 03	2 96
General Hospital	Kenora	15,465	1,548 00	7,930 19	24,892 46	32,822 65	2 12
St. Joseph's Hospital	"	11,534	1,510 00	5,600 86	20,096 65	25,697 51	2 23
Kitchener-Waterloo	Kitchener	17,822		11,612 36	50,925 43	62,537 79	3 51

## PUBLIC HOSPITALS—Continued

TABLE No. III.—Showing the cost of operating the hospitals, and the average daily cost of each patient.—Continued.

Name of Hospital	Location	Total collective days' stay of all patients	Interest and sinking fund charges	Cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
<b>Group 3—Continued</b>							
Ross Memorial Hospital.....	Lindsay.....	10,324	\$ 1,458 35	\$ 6,419 21	\$ 22,279 09	\$ 28,698 30	2 78
St. Joseph's Hospital.....	North Bay.....	13,309	13,520 19	5,906 79	23,296 07	29,202 86	2 19
Soldiers' Memorial.....	Orillia.....	16,362	2,010 96	8,729 57	33,127 54	41,857 11	2 56
General Hospital.....	Oshawa.....	16,969		11,656 00	42,171 14	53,827 14	3 17
Protestant Children's S.A. Grace Hospital.....	Ottawa.....	11,393	1,575 00	4,181 79	22,809 92	27,081 71	2 38
General and Marine.....	Owen Sound.....	24,456		10,512 91	40,377 76	50,890 67	2 08
Cottage Hospital.....	Pembroke.....	16,234	1,200 00	12,172 02	34,814 43	46,986 45	2 89
Nicholl's Hospital.....	Peterborough.....	10,534	400 00	6,667 67	23,544 77	30,212 44	2 87
St. Joseph's Hospital.....	Port Hope.....	24,117		13,676 44	53,081 51	66,757 95	2 77
General Hospital.....	Renfrew.....	18,609	6,000 00	7,214 32	30,937 96	38,152 28	2 05
Victoria Hospital.....	Sault Ste. Marie.....	6,210		2,352 67	13,979 64	16,332 31	2 63
General Hospital.....	Timmins.....	10,125	6,732 06	4,160 06	16,213 79	20,373 85	2 01
Plummer Memorial.....	Toronto.....	10,971	3,500 00	4,248 96	26,541 93	30,790 89	2 81
St. Mary's Hospital.....	Welland.....	11,569	2,685 00	4,959 81	19,449 15	24,408 96	2 11
St. John's Hospital.....	Woodstock.....	20,086	3,046 11	19,706 15	73,903 35	93,609 50	4 66
S.A. Women's Hospital.....		15,711	1,174 22	13,397 00	55,205 88	68,602 88	4 37
Welland County Hospital.....		21,198	3,900 00	11,200 93	36,927 62	48,128 55	2 27
General Hospital.....		12,186	2,340 00	5,941 51	30,876 46	36,817 97	3 02
		15,159	360 00	7,895 56	38,322 51	46,218 07	3 05
Totals.....		506,090	74,596 96	297,295 08	1,096,310 96	1,393,606 04	2 75
Total cost including interest and sinking fund charges.....						1,468,203 00	
Average per capita cost including interest and sinking fund charges.....							2 90
<b>Group 4—Capacity, 101 to 200 Beds</b>							
General Hospital.....	Belleville.....	35,239		23,259 02	61,623 39	84,882 41	2 41
General Hospital.....	Brantford.....	60,763		29,448 97	119,012 91	148,461 88	2 45
General Hospital.....	Brockville.....	24,700		15,215 04	55,581 58	70,797 52	2 87
General Hospital.....	Guelph.....	27,803		20,527 54	64,496 97	85,024 51	3 06
St. Joseph's Hospital.....	Hamilton.....	46,453		33,867 15	84,745 00	118,612 15	2 56
St. Mary's Hospital.....	Hamilton.....	23,124	15,776 54	13,427 19	48,012 47	61,439 66	2 66
General Hospital.....	Niagara Falls.....	22,275	1,352 47	12,087 81	41,625 69	53,713 50	2 41
General Hospital.....	Pembroke.....	14,018	13,410 00	6,316 85	26,724 42	33,041 27	2 35
General Hospital.....	Port Arthur.....	18,527	37,205 51	10,235 42	42,355 24	52,590 66	2 84
St. Joseph's Hospital.....	Sarnia.....	34,906		18,466 10	69,270 10	87,736 20	2 51
General Hospital.....	St. Catharines.....	35,850		22,735 43	81,479 81	104,215 24	2 91
Memorial Hospital.....	St. Thomas.....	19,910	6,443 85	13,419 59	60,130 98	73,550 57	3 69
General Hospital.....	Sarnia.....	19,431		13,430 29	54,328 42	67,758 71	3 49
General Hospital.....	Stratford.....	19,610		11,383 34	45,240 08	56,623 42	2 89
Toronto East General.....	Toronto.....	55,158		31,921 47	124,798 59	156,720 06	2 84
Wellesley Hospital.....	Toronto.....	27,374	8,427 53	37,791 85	90,727 53	128,519 38	4 69
Women's College.....	Toronto.....	27,102	1,620 00	13,794 55	64,534 60	78,329 15	2 89
Metropolitan General.....	Walkerville.....	34,727		19,797 88	101,008 31	120,806 19	3 48
Hotel Dieu Hospital.....	Windsor.....	30,095		15,271 45	85,060 95	100,332 40	3 33
S.A. Grace Hospital.....	".....	25,699		13,852 59	59,519 76	73,372 35	2 86
Totals.....		602,764	84,235 90	376,250 43	1,380,276 80	1,756,527 23	2 91
Total cost including interest and sinking fund charges.....						1,840,763 13	
Average per capita cost including interest and sinking fund charges.....							3 05
<b>Group 5—Capacity, 201 and over</b>							
McKellar General.....	Fort William.....	53,174	13,030 00	19,264 84	77,235 28	96,500 12	1 82
Hamilton General (including Mt. Hamilton Branch).....	Hamilton.....	167,369	175,974 30	81,568 58	408,393 33	489,961 91	2 93
Kingston General.....	Kingston.....	91,591	17,380 88	56,498 14	181,531 11	238,029 25	2 60
Hotel Dieu Hospital.....	".....	37,707	13,361 29	21,649 06	66,307 39	87,956 45	2 33
St. Joseph's Hospital.....	London.....	50,201	30,725 51	33,009 32	114,142 07	147,151 39	2 93
Victoria Hospital.....	".....	119,491	47,040 02	64,577 33	296,800 56	361,377 89	3 02
Ottawa Civic.....	Ottawa.....	159,515	264,743 69	93,513 01	412,464 37	505,977 38	3 17
General Hospital.....	".....	93,100	50,056 58	47,866 63	191,292 33	239,158 96	2 57
St. Joseph's Hospital.....	Sudbury.....	38,761	22,912 85	18,152 35	72,533 99	90,686 34	2 34
Hospital for Sick Children.....	Toronto.....	131,904		74,167 68	378,573 68	452,741 36	3 43
St. Joseph's Hospital.....	".....	85,907	27,635 24	38,266 79	128,366 46	166,633 25	1 95
St. Michael's Hospital.....	".....	185,284	64,786 50	70,872 33	367,921 54	438,793 87	2 37
Toronto General Hospital.....	".....	337,552		212,464 03	1,098,852 82	1,311,316 85	3 88
Toronto Western (including Grace Division).....	".....	145,001	32,395 52	97,656 06	448,686 34	546,342 40	3 77
Totals.....		1,696,557	601,662 38	929,526 15	4,243,101 27	5,172,627 42	3 05
Total cost including interest and sinking fund charges.....						5,774,289 80	
Average per capita cost including interest and sinking fund charges.....							3 40
<b>GRAND TOTALS.....</b>							
Grand total cost including interest and sinking fund charges.....		3,102,265	778,140 62	1,752,649 18	7,409,529 53	9,162,178 71	2 95
Average per capita cost including interest and sinking fund charges.....						9,940,319 33	3 20

## PUBLIC HOSPITALS—Continued

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment, miscellaneous sales, etc.	Income and grants from municipalities for patients' treatment	Income from property, investments, endowments, etc.	Donations, bequests and other gratuitous income	Grants from municipalities for building debentures, etc.	Total income from all sources other than Government grant
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Group 1— Capacity, 1 to 25 Beds							
Public Hospital.....	Clinton	8,200 94	2,004 15		396 85		10,601 94
Cobalt Municipal.....	Cobalt	7,618 24	400 00				8,018 24
Misericordia Hospital.....	Halleybury	9,965 05	1,782 70				11,747 75
Memorial Hospital.....	Hanover	4,884 58	1,214 00	154 56			6,253 14
Notre Dame Hospital.....	Hawkesbury	5,575 75	11,635 49		6,000 00		23,341 24
Memorial Hospital.....	Listowel	7,544 42	3,350 00	95 00	43 00		11,032 42
Rosedale War Memorial	Matheson	5,578 75	245 00				7,268 49
The Mindemoya Hosp.	Mindemoya	640 00	19 25		3,796 35		4,455 60
Louise Marshall Hosp.	Mount Forest	4,603 99	621 55	60 70			5,336 89
Cottage Hospital.....	Niagara-on-Lake	5,711 63	2,938 65	144 93	100 00		8,895 21
General Hospital.....	Palmerston	3,343 52	1,222 25	4 49			4,570 26
Willett Hospital.....	Paris	9,200 04	4,454 36	1,095 63	428 00		15,178 03
General Hospital.....	Penetanguishene	3,004 58	2,352 44		829 85		6,186 87
Presbyterian Hospital.....	So. Porcupine	8,760 96	912 15		2,534 47		12,207 61
The Mothercraft Centre	Toronto	1,319 50	4,609 50		5 95		5,934 95
General Hospital.....	Wingham	3,327 80	2,420 20		350 01		8,098 01
Totals.....		91,409 75	40,181 72	1,555 31	15,979 87		149,126 65
Group 2— Capacity, 26 to 50 Beds							
Stevenson Memorial.....	Alliston	7,802 30	2,525 65	16,317 25	124 85		26,770 05
Rosamond Memorial.....	Almonte	8,103 17	826 80	1,053 59	1,381 53		11,365 09
General Hospital.....	Bowmanville	10,352 81	2,306 02	741 75	172 00		13,572 58
Peel Memorial.....	Brampton	15,746 73	2,771 30				18,518 03
Lady Minto Hospital.....	Chapleau	16,532 55	56 50	638 74			17,227 79
General Hospital.....	Cobourg	12,511 65	6,461 30	1,044 31	100 70		20,117 96
Haldimand War Mem'l	Dunnville	7,853 25	2,467 05	430 62	581 27		11,332 19
Red Cross Memorial.....	Durham	4,892 66	1,469 05	32 00			6,393 71
Groves Memorial.....	Fergus	8,261 55	6,149 15		1,449 44		15,860 14
Douglas Memorial.....	Fort Erie	15,926 96	3,807 17	9,000 00	2,176 30		30,910 43
Alexandra Marine & Gen.	Goderich	8,278 43	3,176 00	1,350 00	1,055 00		13,859 43
St. Paul's Hospital.....	Hearst	3,498 50			6,442 24		9,940 74
Alexandra Hospital.....	Ingersoll	7,145 48	2,000 00	1,162 05	1,141 00		11,448 53
Anson General Hospital.	Iroquois Falls	18,902 84	2,983 43				21,886 27
General Hospital.....	Kincardine	7,786 75	3,000 00	363 65	250 00		11,400 40
General Hospital.....	Mattawa	9,793 57	150 00	1,354 39	7,587 68		18,885 64
St. Andrew's Hospital.	Midland	12,480 69	4,426 45	212 21		2,722 69	19,842 04
York County Hospital.	Newmarket	15,533 95	5,680 00		25 00		21,238 95
Queen Victoria Memor'l	North Bay	23,450 88	4,183 75		304 45		27,939 08
Lord Dufferin Hospital.	Orangeville	11,518 88	4,308 80		231 32		16,059 00
General Hospital.....	Parry Sound	9,781 05	1,851 65		524 52		12,157 22
St. Joseph's Hospital.....	"	10,118 18	804 82	88 27	3,368 50		14,379 77
Great War Memorial.....	Perth	20,471 91	3,116 80	1,356 30	2,941 42		27,886 43
C.E. Englehart Hosp.	Petrolia	11,288 22	2,289 10	5,575 00	40 90		19,193 22
Prince Edward County	Pictou	8,243 79	3,550 22	1,205 36	1,294 02		14,293 39
Scott Memorial Hosp.	Seaforth	10,284 64	1,671 75	386 50			12,342 89
Norfolk General Hosp.	Simcoe	24,732 77	7,168 91	1,594 41	1,578 46		35,074 55
General Hospital.....	Sioux Lookout	19,496 00	404 65	480 42	1,828 25		22,209 32
Public Hospital.....	Smiths Falls	18,951 26	4,216 75	1,803 17	1,763 03		26,734 21
St. Francis General.....	"	15,800 00	2,399 00	26 29	9,928 71		28,154 00
General Hospital.....	Strathroy	10,725 08	7,090 75	225 31	850 17		18,891 31
Brebeuf Hospital.....	Sturgeon Falls	5,000 06	6,111 39		3,024 27		14,135 72
Soldiers' Memorial.....	Tillsonburg	14,062 09	5,294 50	2,500 00	346 98		22,203 57
Lockwood Clinic.....	Toronto	39,001 00	1,099 00				40,100 00
Mount Sinai Hospital.	"	18,189 85	9,001 65		567 71		27,762 21
County of Bruce General	Walkerton	11,453 36	3,300 00	30 00	708 58		15,491 94
Totals.....		473,972 86	118,122 36	48,971 59	51,788 30	2,722 69	695,577 80

**PUBLIC HOSPITALS—Continued**  
**TABLE No. IV.—Showing the sources of income of hospitals.—Continued.**

Name of Hospital	Location	Income from patients for treatment, miscellaneous sales, etc.		Income and grants from municipalities for patients' treatment		Income from property, investments, endowments, etc.		Donations, bequests and other gratuitous income		Grants from municipalities for building debentures, etc.		Total income from all sources other than Government grant	
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
Group 3—													
Capacity, 51 to 100 Beds													
Royal Victoria	Barrie	21,723	40	6,648	11	519	17		5	00			28,895 68
St. Vincent de Paul	Brockville	32,058	74	6,154	00			16,630	44				54,843 18
Public General Hosp.	Chatham	46,998	31	3,511	20			3,434	05				53,943 56
St. Joseph's Hospital	"	47,871	99	7,514	30			15,509	25				70,895 54
Lady Minto Hospital	Cochrane	25,036	78	5,719	65	356	82	313	22				31,426 47
General & Marine Hosp.	Collingwood	17,067	50	4,884	45	1,347	48	126	10				23,425 53
General Hospital	Cornwall	32,123	13	13,352	35	2,061	78	6,024	55				53,561 81
Hotel Dieu Hospital	"	31,784	40	30,151	55			6,277	91				68,213 86
General Hospital	Galt	35,442	15	9,854	25	1,708	40	187	22	11,101	41		58,293 43
St. Joseph's Hospital	Guelph	38,957	95	15,673	87			11,382	99				66,014 81
General Hospital	Kenora	35,680	66	7,589	48	50	00	1,572	26				44,892 40
St. Joseph's Hospital	"	19,280	05	3,125	59	180	00	7,404	62				29,990 26
Kitchener-Waterloo	Kitchener	46,569	93	15,199	60	798	69	97	98	*771	55		63,437 75
Ross Memorial Hospital	Lindsay	27,708	95	2,748	66	1,210	75			951	34		32,619 70
St. Joseph's Hospital	North Bay	30,214	67	5,017	75			20,662	02				55,894 44
Soldiers' Memorial Hosp.	Orillia	32,396	79	9,180	59	716	44						42,923 82
General Hospital	"	52,587	11	7,959	25	3,089	35	537	22				64,172 93
Protestant Children's	Ottawa	2,205	49	17,784	51	282	56	2,749	55				23,022 11
S.A. Grace Hospital	"	30,451	96	11,151	40			144	72				41,748 08
General & Marine Hosp.	Owen Sound	36,757	95	8,143	80			230	85				45,132 60
Cottage Hospital	Pembroke	25,940	03	3,000	00	1,345	05	3,308	45				33,593 53
Nicholl's Hospital	Peterborough	44,232	92	9,855	05	10,957	09						65,045 06
St. Joseph's Hospital	"	32,012	04	9,824	90	304	02	10,664	50				52,805 46
General Hospital	Port Hope	11,153	45	3,234	80	1,179	77	1,620	50				17,188 52
Victoria Hospital	Renfrew	18,305	80	5,440	11	79	29			2,058	09		25,883 29
General Hospital	Sault Ste. Marie	10,586	30	5,190	55			9,300	00				31,076 85
Plummer Memorial	"	26,119	46	3,033	45	89	88						29,242 79
St. Mary's Hospital	Timmins	85,045	57	5,112	70	194	45	26,834	58				117,187 30
St. John's Hospital	Toronto	54,197	63	6,045	00	116	29	1,287	81				61,646 73
S.A. Women's Hospital	"	41,346	79	9,906	95			10	00				51,263 74
Welland County Hosp.	Welland	24,685	37	9,962	04	42	65	4,723	98				39,414 04
General Hospital	Woodstock	36,914	58	7,000	00	1,971	98	2,683	10				48,569 66
Totals		1,059,457	85	268,969	91	28,601	91	153,722	87	14,882	39		1,525,634 93
Group 4—													
Capacity, 101 to 200 Beds													
General Hospital	Belleville	71,326	40	26,518	30	1,889	11	344	53				100,078 34
General Hospital	Brantford	91,335	07	51,836	21	180	00	789	13	*2,140	35		146,280 76
General Hospital	Brockville	38,713	80	27,853	89	3,277	73						69,845 42
General Hospital	Guelph	57,288	62	26,417	90	2,053	05						85,759 57
St. Joseph's Hospital	Hamilton	100,766	90	21,407	25	995	24	11,509	60				134,678 99
St. Mary's Hospital	Kitchener	40,376	97	26,301	52	87	80	16,628	75				83,395 04
General Hospital	Niagara Falls	41,893	25	18,361	90	12	95	2,453	40				62,721 50
General Hospital	Pembroke	25,141	56	4,000	00	249	30	11,325	64				40,716 50
General Hospital	Port Arthur	48,475	12	14,868	51	1,879	36	1,243	69				66,466 68
St. Joseph's Hospital	"	46,892	35	16,460	02			19,849	83				83,202 20
General Hospital	St. Catharines	56,719	91	37,460	60	3,251	65	1,651	91	*2,925	20		102,009 27
Memorial Hospital	St. Thomas	60,906	39	9,547	70	1,784	83	400	00	6,443	85		79,082 77
General Hospital	"	49,566	11	16,589	10	2,685	00	1,545	34				70,385 55
General Hospital	Sarnia	42,613	88	11,785	00	334	25	169	18				54,902 31
Toronto East General	Stratford	91,684	59	56,587	05			255	00				148,526 64
Wellesley Hospital	Toronto	150,171	10										150,171 10
Women's College Hosp.	"	33,692	26	28,526	72					*3,101	80		65,320 78
Metropolitan General	Walkerville	60,839	18	35,963	85								96,803 03
Hotel Dieu Hospital	Windsor	56,275	89	38,047	65			35,638	38				129,961 92
S.A. Grace Hospital	"	45,099	80	20,070	75			1,435	33				66,605 88
Totals		1,209,779	15	488,603	92	18,680	27	105,239	71	14,611	20		1,836,914 25
Group 5—													
Capacity, 201 and over													
McKellar General Hosp.	Fort William	69,929	23	24,450	00	100	00	157	75	*2,847	26		97,484 24
Hamilton General (includ. Mt. Hamilton Branch)	Hamilton	165,826	94	334,187	89					*3,715	05		503,729 88
Kingston General Hosp.	Kingston	146,403	11	84,973	74	20,353	48	1,128	70	*10,821	65		263,680 68
Hotel Dieu Hospital	"	67,079	78	16,164	90			28,046	85				111,291 53
St. Joseph's Hospital	London	140,571	43	24,218	50	1,351	87	30,844	65				196,986 45
Victoria Hospital	"	189,392	01	118,644	16	412	64			47,040	02		358,376 18
Ottawa Civic Hospital	Ottawa	291,885	27	145,329	25	9,648	96			248,743	69		695,607 17
General Hospital	"	160,524	58	83,071	77	523	11	44,747	61				288,867 07
St. Joseph's Hospital	Sudbury	60,990	67	16,209	30			18,497	85				95,697 82
Hosp. for Sick Children	Toronto	95,207	31	206,842	68	61,463	25	42,599	06	*9,835	10		415,947 40
St. Joseph's Hospital	"	107,250	05	91,984	65								199,234 70
St. Michael's Hospital	"	261,831	03	236,086	40					60	00		497,977 43
Toronto General Hosp.	"	902,661	91	304,374	33	58,583	24	12,676	21	*10,068	40		1,288,364 09
Toronto Western (includ. Grace Division)	"	315,422	48	160,825	59	35	00	686	89				476,969 96
Totals		2,974,975	80	1,847,363	16	152,471	55	179,445	57	335,958	52		5,490,214 60
GRAND TOTALS		5,809,595	41	2,763,241	07	250,280	63	506,176	32	336,174	80		9,697,468 23

\*Grant from Province for special clinics and radiotherapy.

†Includes grants from Province for special clinics and radiotherapy amounting to \$49,113.71.

## PUBLIC HOSPITALS—Continued

TABLE No. V.—Showing the basis on which the Statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Days at 10c.	Infants born days at 30c.	Total per diem grant	Grant for indigents from unorganized territory	Grant for long stay patients in residence Sept. 30th. 1934	Adjustments and deductions	Total Government grant
					\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Group 1—Capacity 1 to 25 Beds									
Public Hospital...	Clinton.....	857	268	171	592 30			44 42	547 88
Cobalt Municipal.	Cobalt.....	872	85		531 70		113 70	45 67	599 73
Misericordia Hosp.	Haileybury...	4,103	219	188	2,540 10	2,710 18		192 72	5,057 56
Memorial Hosp....	Hanover.....	965	57	87	610 80			45 81	564 99
Notre Dame Hosp.	Hawkesbury...	4,446		84	2,692 80			201 36	2,491 94
Memorial Hosp....	Listowel.....	2,258	18	494	1,504 80			112 85	1,391 95
Rosedale War Mem.	Matheson.....	2,367		712	1,633 80	2,201 42		120 37	3,714 85
The Mindemoya...	Mindemoya...	419			251 40	116 62		18 87	349 15
Louise Marshall.	Mt. Forest....	831		67	518 70			38 90	479 80
Cottage Hospital.	Niagara-on-Lake	1,398	40	113	876 70		139 10	76 19	939 61
General Hospital..	Palmerston....	1,376	186	142	886 80			66 50	820 30
Willett Hospital..	Paris.....	3,967	838	741	2,686 30			201 48	2,484 82
General Hospital..	Penetanguishene	1,662	29	419	1,125 80			83 18	1,042 62
Presbyterian Hosp.	So. Porcupine..	3,501	19	24	2,109 70	200 94		158 23	2,152 41
Mothercraft Centre	Toronto.....	3,070	63		1,848 30			138 63	1,709 67
General Hospital..	Wingham.....	718		49	445 50		36 50	36 15	445 85
Totals.....		32,810	1,822	3,291	20,855 50	5,229 16	289 30	1,581 33	24,792 63
Group 2—Capacity 26 to 50 Beds									
Stevenson Mem....	Alliston.....	3,569	1,056	261	2,325 30			174 40	2,150 90
Rosamond Mem....	Almonte.....	1,944	35	524	1,327 10			99 54	1,227 56
General Hospital..	Bowmanville...	1,689	500	362	1,178 00			88 35	1,089 65
Peel Memorial....	Brampton.....	5,557	212	203	3,416 30			256 22	3,160 08
Lady Minto Hosp.	Chapleau.....	3,099		299	1,949 10	2,333 58	140 20	158 95	4,263 93
General Hospital..	Cobourg.....	3,057	145	443	1,981 60		221 10	165 20	2,037 50
Haldimand War M.	Dunnville.....	1,836		300	1,191 60			89 37	1,102 23
Red Cross Mem....	Durham.....	1,063	5	133	678 20		36 50	53 60	661 10
Groves Memorial.	Fergus.....	2,216	609	343	1,493 40			112 00	1,381 40
Douglas Memorial.	Fort Erie.....	1,115	140	79	706 70			53 00	653 70
Alexandra Marine & General Hosp....	Goderich.....	2,692	170	325	1,729 70		151 30	141 07	1,739 93
St. Paul's Hospital.	Hearst.....	5,778	37	652	3,666 10	6,320 33		263 51	9,722 92
Alexandra Hospital.	Ingersoll.....	1,872		213	1,187 10			89 04	1,098 06
Anson Gen. Hosp..	Iroquois Falls.	4,730	334	38	2,882 80	468 96		216 39	3,135 37
General Hospital..	Kincardine....	2,108	4	419	1,390 90			104 31	1,286 59
General Hospital..	Mattawa.....	918		10	553 80			48 55	819 67
St. Andrew's Hosp.	Midland.....	4,274	357	767	2,830 20	370 42		217 78	2,982 84
York County Hosp.	Newmarket....	4,302	51	601	2,766 60		120 70	216 54	2,670 76
Queen Victoria M.	North Bay.....	4,743	312	695	3,085 50	1,043 51		235 28	3,893 73
Lord Dufferin Hosp.	Orangeville...	3,177	45	209	1,973 40			148 01	1,825 39
General Hospital..	Parry Sound....	3,948	2	339	2,470 70	3,603 56		178 36	5,895 90
St. Joseph's Hosp.	Perth.....	3,446	127	517	2,235 40	1,955 08		167 14	4,023 34
Great War Mem....	Petrolia.....	1,555	793	82	1,036 90			77 76	959 14
C.E. Englehart H.	Pictou.....	2,046	47	41	1,244 60			93 34	1,151 26
Prince Edward Co.	Pictou.....	2,574		469	1,685 10			126 39	1,558 71
Scott Memorial H.	Seaforth.....	704		9	425 10			31 89	393 21
Norfolk General H.	Simcoe.....	10,292	1,031	1,101	6,608 60			495 65	6,112 95
General Hospital..	Smiths Falls...	1,201		86	746 40	1,073 52		53 66	1,766 26
Public Hospital...	Smiths Falls...	3,073	866	572	2,102 00		132 00	167 55	2,066 45
St. Francis General.	Smiths Falls...	1,617	178	101	1,018 30		73 00	81 85	1,009 45
General Hospital..	Strathroy.....	3,986	1,352	183	2,581 70		36 50	196 37	2,421 83
Brebeuf Hospital.	Sturgeon Falls.	6,971	62	152	4,234 40	3,474 05	36 50	327 37	7,417 58
Soldiers' Memorial.	Tillsonburg...	6,251	727	291	3,910 60			293 29	3,617 31
Lockwood Clinic...	Toronto.....	634	211		401 50	162 40		46 49	517 41
Mount Sinai Hosp.	Toronto.....	8,566	108	537	5,311 50			398 36	4,913 14
Co. of Bruce Gen.	Walkerton....	2,608	21	226	1,634 70			122 60	1,512 10
Totals.....		119,211	9,597	11,582	75,960 90	21,119 83	947 80	5,789 18	92,239 35



PUBLIC HOSPITALS—Continued

TABLE No. V.—Showing the basis on which the Statutory aid is granted.—Continued.

Name of Hospital	Location	Days at 60c.	Days at 10c.	Infants born days at 30c.	Total per diem grant		Grant for indigents from unorganized territory		Grant for long stay patients in residence Sept. 30th, 1934		Adjustments and deductions		Total Government grant	
					\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
Group 3—Capacity 51 to 100 Beds														
Royal Victoria	Barrie	5,379	263	422	3,380	30			36	50	256	26	3,160	54
St. Vincent de Paul	Brockville	4,335	589	332	2,759	50			99	50	214	42	2,644	58
Public General	Chatham	6,351	52	831	4,065	10			36	50	307	62	3,793	98
St. Joseph's Hosp.	"	7,445	334	968	4,790	80					359	31	4,431	49
Lady Minto Hosp.	Cochrane	6,818	479	931	4,418	00	10,643	28	143	40	347	08	14,857	60
Gen. & Mar. Hosp.	Collingwood	6,474	145	410	4,021	90			36	50	304	37	3,754	03
General Hospital	Cornwall	8,632	662	766	5,475	20			36	50	413	38	5,098	32
Hotel Dieu Hosp.	"	19,127	3,474	1,458	12,621	00					946	58	11,674	42
General Hospital	Galt	9,797	193	1,800	6,437	50			211	30	498	66	6,150	14
St. Joseph's Hosp.	Guelph	11,271	1,108	870	7,134	40			25	60	537	00	6,623	00
General Hospital	Kenora	3,551	168	518	2,302	80	1,742	74	79	40	190	38	3,934	56
St. Joseph's Hosp.	"	2,145	357	487	1,468	80	5,815	50	268	30	172	76	7,379	84
Kitchener-Waterloo	Kitchener	7,429	249	635	4,672	80					350	45	4,322	35
Ross Memorial H.	Lindsay	3,657	7	651	2,390	20					179	26	2,210	94
St. Joseph's Hosp.	North Bay	7,362	469	611	4,647	40	1,349	67			348	56	5,648	51
Soldiers' Memorial	Orillia	8,195	290	1,212	5,309	60			36	50	400	96	4,945	14
General Hospital	Oshawa	6,706		1,112	4,357	20					326	79	4,030	41
Protestant Child's	Ottawa	11,789	49		7,078	30					530	87	6,547	43
S.A. Grace Hosp.	"	10,004	65	5,844	7,762	10					582	16	7,179	94
General & Marine	Owen Sound	8,107	869	1,189	5,307	80					398	09	4,909	71
Cottage Hospital	Pembroke	4,404	595	117	2,518	60					188	90	2,329	70
Nicholl's Hospital	Peterborough	9,607	4,162	1,665	6,679	90			255	00	520	12	6,414	78
St. Joseph's Hosp.	"	10,221	993	1,193	6,589	80			355	60	520	91	6,424	49
General Hospital	Port Hope	2,678	227	637	1,820	60			106	60	144	55	1,782	65
Victoria Hospital	Renfrew	6,631	1,275	606	4,287	90	34	61	36	50	324	33	4,034	68
General Hospital	Sault Ste. Marie	5,224	517	483	3,331	00	647	62			249	83	3,728	79
Plummer Memorial	"	8,770	537	138	5,357	10	831	97			401	66	5,787	41
St. Mary's Hosp.	Timmins	18,053	514	140	10,925	20	1,082	62			819	39	11,188	43
St. John's Hosp.	Toronto	6,864	277		4,146	10	37	17			310	95	3,872	32
S.A. Women's H.	"	6,275		3,748	4,889	40					366	71	4,522	69
Welland Co. Hosp.	Welland	7,013	730	412	4,404	40			36	50	333	07	4,107	83
General Hospital	Woodstock	6,202	684	347	4,144	50					310	84	3,833	66
Totals		247,170	20,333	30,533	159,495	20	22,185	18	1,800	20	12,156	22	171,324	36
Group 4—Capacity 101 to 200 Beds														
General Hospital	Belleville	15,905	610	805	9,845	50			111	00	746	74	9,209	76
General Hospital	Brantford	34,993	982	4,533	22,455	10			621	80	1,730	77	21,346	13
General Hospital	Brockville	8,395	1,372	891	5,441	50			310	00	435	86	5,315	64
General Hospital	Guelph	10,483	709	716	6,575	50			303	30	514	65	6,364	15
St. Joseph's Hosp.	Hamilton	23,028	1,141	4,642	15,323	50	25	20	112	60	1,157	70	14,303	60
St. Mary's Hosp.	Kitchener	16,826	249	1,214	10,484	70			107	10	794	38	9,797	42
General Hospital	Niagara Falls	12,765	1,096	1,006	8,070	40			36	50	608	03	7,498	87
General Hospital	Pembroke	5,610	196	397	3,504	70	254	67	109	50	276	31	3,592	56
General Hospital	Port Arthur	11,285	1,016	841	8,924	90	856	52	182	40	679	87	9,283	95
St. Joseph's Hosp.	"	16,189	1,554	1,558	10,336	20	6,242	10	306	00	781	00	16,103	30
General Hospital	St. Catharines	22,756	1,134	2,829	14,615	70			36	50	1,098	92	13,552	28
Memorial Hospital	St. Thomas	16,898	353	829	10,422	80					781	71	9,641	09
General Hospital	Sarnia	6,289	955	721	4,085	20					306	40	3,778	80
General Hospital	Stratford	9,544	1,177	1,363	6,251	80			73	00	474	36	5,850	44
Toronto East Gen.	Toronto	46,991	1,762	2,661	29,169	10					2,150	90	27,018	20
Wellesley Hospital	"	2,660	62		1,602	20					118	70	1,483	50
Women's College	"	14,693	197	4,590	10,212	50					765	94	9,446	56
Metropolitan Gen.	Walkerville	29,615	1,185	659	18,085	20	19	60			1,356	39	16,748	41
Hotel Dieu Hosp.	Windsor	15,002	784	429	9,208	30			204	40	705	94	8,706	76
S.A. Grace Hosp.	"	12,031	1,873	964	7,695	10			264	00	596	95	7,362	15
Totals		334,958	18,407	31,648	212,309	90	7,398	09	2,778	10	16,081	52	206,404	57
Group 5—Capacity 201 Beds and over														
McKellar General	Fort William	22,395	3,940	2,046	14,444	80	8,606	27	1,426	90	1,205	98	23,271	99
Ham. Gen. (incl. Mt. Ham. Br.)	Hamilton	113,679	4,091	13,228	72,584	90					5,452	41	67,246	39
Kingston General	Kingston	34,674	4,750	1,275	21,061	90			1,714	80	1,753	25	21,623	45
Hotel Dieu Hosp.	"	16,454	1,652	1,426	10,465	40			214	70	801	01	9,879	09
St. Joseph's Hosp.	London	15,858	547	1,023	9,876	40					740	72	9,135	68
Victoria Hospital	"	65,488	8,339	2,357	40,833	80			572	40	3,103	47	38,302	73
Ottawa Civic	Ottawa	135,249	5,628	4,702	83,122	80	198	62	36	50	6,235	33	77,122	59
General Hospital	"	53,481	2,384	2,628	33,115	40	238	44	118	40	2,492	67	30,979	57
St. Joseph's Hosp.	Sudbury	22,319	1,721	1,754	14,089	70	14,936	13	129	90	1,063	38	28,092	35
Hosp. for Sick Child	Toronto	102,454	16,888		63,161	20	4,712	96	1,747	00	4,886	18	64,734	98
St. Joseph's Hosp.	"	65,359	2,568	3,398	40,491	60	124	60			3,036	87	37,579	33
St. Michael's Hosp.	"	126,639	3,754	9,637	79,249	90	415	76	108	30	5,957	60	73,816	36
Toronto Gen. Hosp.	"	213,147	8,782	10,785	132,001	90	5,628	71			10,011	29	127,619	32
Tor. Western (incl. Grace Division)	"	87,874	3,104	9,708	55,947	20	188	31	210	80	4,214	13	52,132	18
Totals		1,075,070	68,148	63,967	671,046	90	35,049	80	6,393	60	50,954	29	661,536	01
GRAND TOTALS		1,809,219	118,307	141,021	1,139,668	40	90,982	06	12,209	00	86,562	54	1,156,296	92





PUBLIC HOSPITALS—Continued

TABLE No. VI.—Showing days upon which grant was paid for: (1) long stay patients in hospitals one year or more and still in residence at September 30th, 1934; (2) indigents from unorganized territory less amounts paid with regular monthly grants during year.—Continued.

Name of Hospital	Location	LONG STAY PATIENTS					INDIGENTS FROM UNORGANIZED TERRITORY					Total grant				
		Patients	Days at 60c.	Days at 10c.	Amount	No. of patients	Total Days at \$2.00	Less		Amount	No. of infants	Days at \$1.00	Less days at 30c.	Amount	\$	c.
								Days at 60c.	Days at 10c.							
Group 4 — Capacity, 101 to 200 Beds																
General Hospital	Belleville	1	120	390	111 00											
General Hospital	Brantford	6	600	2,618	310 00											
General Hospital	Brockville	3	240	1,660	340 00											
General Hospital	Guelph	4	240	1,593	303 30											
St. Joseph's Hospital	Hamilton	1	120	406	112 60	1	18							25 20		
St. Mary's Hospital	Kitchener	2	1,071	107 10	107 10											
General Hospital	Niagara Falls	1	365	365	36 50											
General Hospital	Pembroke	3	1,095	109 50	10 111									11 00		
General Hospital	Port Arthur	3	120	1,104	182 40	10	490	298	217					779 50		
St. Joseph's Hospital	Port Arthur	5	240	1,620	306 00	169	3,796	743	3,065					204 40		
General Hospital	St. Catharines	1	365	365	36 50											
Memorial Hospital	St. Thomas															
General Hospital	Sarnia															
General Hospital	Stratford	2	730	730	73 00											
Toronto East General	Toronto															
Wellesley Hospital	"															
Women's College Hosp.	"															
Metropolitan General	Walkerville	3	120	1,324	204 40	1	14							19 60		
Hotel Dieu Hospital	Windsor	5	120	1,920	264 00											
S.A. Grace Hospital	"															
Totals		40	1,920	16,261	2,778 10	200	4,429	3,395	960	6,725 00	36	347	336	246 20		
Group 5 — Capacity, 201 and over																
McKellar General Hosp.	Fort William	25	840	9,229	1,426 90	116	4,913	2,703	537	8,150 50	18	183	183	128 10		
Hamilton Gen. (includ. Mt. Hamilton Br.)	Hamilton	1	120	419	113 90											
Kingston General Hosp.	Kingston	23	1,320	9,228	1,714 80											
Hotel Dieu Hospital	London	4	120	1,427	214 70											
St. Joseph's Hospital	London	7	480	2,844	572 40											
Victoria Hospital	Ottawa	1	365	365	36 50	6	144	180	180					9 80		
Ottawa Civic Hospital	Ottawa	1	120	464	118 40	5	162	159	159					7 00		
General Hospital	Sudbury	2	120	579	129 90	590	9,646	469	469					489 50		
St. Joseph's Hospital	Toronto	22	1,560	8,110	1,747 00	20	2,561	885	467	3,746 70	62	695	685	14,236 20		
Hospital for Sick Child	Toronto	1	120	363	108 30	1	89	89	89					4,544 30		
St. Joseph's Hospital	" (Indigent's)	1	28	237	16 80	5	237	106	106					124 60		
St. Michael's Hospital	Tor. Western Hosp. (includ. Grace Division)	2	240	668	210 80	6	89	50	50					410 40		
Totals		90	5,068	33,096	6,410 40	822	20,557	13,336	1,473	32,965 10	85	939	892	671 40		
GRAND TOTALS		176	9,514	66,822	12,390 60	2,423	53,792	39,864	3,096	83,356 00	425	4,392	4,241	3,119 70		

Average length of stay of each patient—adults, 22.2 days; infants, 10.3 days.  
NOTE.—The difference of \$4,324.76 between this table and table No. 5 is accounted for by balances in adjustments of the 7½% deduction, carried forward from 1933.

## CONVALESCENT HOSPITALS

**TABLE No. I.**—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

		Bed capacity	Patients in residence, June 1st, 1934	No. of patients admitted during the year	Total No. of patients treated during year	No. of patients discharged during year	No. of deaths	Patients still in residence on Sept. 30th, 1934
Hillcrest Convalescent Home.....	Toronto....	35	26	80	106	82	....	24

**TABLE No. II.**—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the average stay in days each patient was under treatment.

		Total patients treated	Total days' stay	Average days' stay	Daily Average No. of patients	No. of graduate staff	All other employees
Hillcrest Convalescent Home....	Toronto....	106	3,056	28.6	25	2	7

**TABLE No. III.**—Showing the cost of operating the hospitals, and the average daily cost of each patient.

		Total collective days	Interest and sinking fund	Cost of dietaries	Other operating costs	Total operating cost	Average daily per capita cost
Hillcrest Convalescent Home....	Toronto....	3,056	....	\$1,071.17	\$3,647.15	\$4,718.32	\$1.54

**TABLE No. IV.**—Showing the sources of income of hospitals.

		Income from patients	Income from municipalities	Income from investments, etc.	Donations and bequests	Total income
Hillcrest Convalescent Home.....	Toronto.....	\$3,708.03	\$18.90	\$1,500.00	....	\$5,226.93

**TABLE No. V.**—Showing the basis on which the Statutory aid is granted.

		Days at 30c.	Amount	Deductions	Total grant
Hillcrest Convalescent Home.....	Toronto.....	1,426	\$427.80	\$32.09	\$395.71

NOTE:—This institution was approved as a Convalescent Hospital and received Provincial aid from June 1st, 1934. The above report covers four months, June to September.

## RED CROSS OUTPOST HOSPITALS

TABLE No. I.—Showing the bed capacity, both adult and nursery, together with the movements of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Pa- tients in resi- dence on Oct. 1st, 1933	Pa- tients ad- mitted dur- ing year end- ing Sept. 30th, 1934	No. of births dur- ing year	Total No. of pa- tients dis- charg'd dur- ing year	No. of deaths	No. of still- births	Pa- tients remain- ing in resi- dence on Sept. 30th, 1934	
		Adults	Nurs- ery cots								
Bed capacity, 1 to 30											
Red Cross Outpost.....	Apsley.....	7	1	2	121	13	136	130	1	1	4
Red Cross Outpost.....	Atikoken.....	3	1		7	1	8	8			
Red Cross Outpost.....	Bancroft.....	9	3	10	143	39	192	185	4	1	2
Red Cross Outpost.....	Blind River.....	20	5	14	293	63	370	349	7	4	10
Red Cross Outpost.....	Bonfield.....	1	1	2	33		35	35			
Red Cross Outpost.....	Bracebridge.....	25	3	12	557	31	600	563	28	1	8
Red Cross Outpost.....	Coe Hill.....	6	1	3	32	12	47	41	3	1	2
Red Cross Outpost.....	Dryden.....	26	4	14	619	94	727	694	17	2	14
Red Cross Outpost.....	Englehart.....	9	4	10	170	65	245	227	6	3	9
Red Cross Car.....	Barwick and Hawk Jct.....	4			33	1	34	34			
Red Cross Outpost.....	Hornepayne.....	6	2	1	60	10	71	68	1	2	
Red Cross Outpost.....	Kakabeka Falls.....	3	1		8	5	13	13			
Kirkland District Hosp.....	Kirkland Lake.....	25	5	26	875	114	1,015	954	30	6	25
Red Cross Outpost.....	Lion's Head.....	5	1		32	21	53	51		1	1
Red Cross Outpost.....	Nakina.....	7	1	5	124	14	143	133	4	1	5
Lady Minto Hospital.....	New Liskeard.....	19	5	9	181	33	223	207	8	1	7
Red Cross Outpost.....	Port Loring.....	4	1		24	22	46	40			6
Red Cross Outpost.....	Quibell.....	3	1		12	5	17	17			
Red Cross Outpost.....	Rainy River.....	8	1	1	152	43	196	185	5	2	4
Red Cross Outpost.....	Redditt.....	4	1		21	3	24	24			
Red Cross Outpost.....	Richard's Land.....	9	2	6	92	23	121	114	5		2
Red Cross Outpost.....	Thessalon.....	12	2	2	189	39	230	217	11	1	1
Red Cross Outpost.....	Whitney.....	5	1	9	55	11	75	72			3
Red Cross Outpost.....	Wilberforce.....	2	1		6	4	10	10			
Totals.....		222	48	126	3,839	666	4,631	4,371	130	27	103
Total beds.....			270								

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital, also the average stay in days each patient was under treatment.

Name of Hospital	Location	Total patients treated during year	Total collective days' stay of adult patients for year	Total collective days' stay of infants born during year	Total collective days' stay of all patients treated during year	Average days' stay of all patients, including infants	Average No. of patients in hospital daily	No. of graduate and professional staff	No. of all other employees, including nurses-in-training
Bed capacity, 1 to 30									
Red Cross Outpost.....	Apsley.....	136	892	118	1,010	7.4	2.8	2	2
Red Cross Outpost.....	Atikoken.....	8	45	9	54	6.8	.14	1	1
Red Cross Outpost.....	Bancroft.....	192	983	382	1,365	7.1	3.7	2	2
Red Cross Outpost.....	Blind River.....	370	2,607	468	3,075	8.3	8.4	3	3
Red Cross Outpost.....	Bonfield.....	35	177		177	5.0	.48	1	1
Red Cross Outpost.....	Bracebridge.....	600	4,609	277	4,886	8.1	13.4	5	2
Red Cross Outpost.....	Coe Hill.....	47	395	80	475	10.1	1.3	1	2
Red Cross Outpost.....	Dryden.....	727	6,056	928	6,984	9.6	19.1	6	4
Red Cross Outpost.....	Englehart.....	245	1,699	724	2,423	9.8	6.6	3	3
Red Cross Car.....	Barwick and Hawk Jct.....	34	261	10	271	8.0	.74	1	1
Red Cross Outpost.....	Hornepayne.....	71	417	53	470	6.6	1.3	1	1
Red Cross Outpost.....	Kakabeka Falls.....	13	64	49	113	8.7	.31	1	1
Kirkland District Hospital.....	Kirkland Lake.....	1,015	7,686	1,005	8,691	8.5	23.8	8	9
Red Cross Outpost.....	Lion's Head.....	53	234	179	413	7.8	1.1	1	1
Red Cross Outpost.....	Nakina.....	143	1,386	112	1,498	7.6	3.0	1	3
Lady Minto Hospital.....	New Liskeard.....	223	2,451	369	2,820	12.6	7.7	2	1
Red Cross Outpost.....	Port Loring.....	46	236	223	459	10.0	1.3	1	3
Red Cross Outpost.....	Quibell.....	17	99	54	153	9.0	.42	2	2
Red Cross Outpost.....	Rainy River.....	196	1,447	399	1,846	9.4	5.1	1	2
Red Cross Outpost.....	Redditt.....	24	135	36	171	7.1	.47	1	2
Red Cross Outpost.....	Richard's Land.....	121	1,380	227	1,407	11.6	3.9	2	2
Red Cross Outpost.....	Thessalon.....	230	2,098	392	2,490	10.8	6.8	2	3
Red Cross Outpost.....	Whitney.....	75	454	143	597	8.0	1.6	1	1
Red Cross Outpost.....	Wilberforce.....	10	50	39	89	8.9	.24	1	1
Totals.....		4,631	35,661	6,276	41,937	9.0	114.9	50	52

**RED CROSS OUTPOST HOSPITALS—Continued**

**TABLE No. III.**—Showing the cost of operating the hospitals, also the average daily cost of each patient.

Name of Hospital	Location	Total collective days' stay of all patients	Percentage of service devoted to hospital	Cost of dietaries		Other operating costs		Total operating cost		Average daily per capita cost*	
				\$	c.	\$	c.	\$	c.	\$	c.
Bed capacity, 1 to 30											
Red Cross Outpost	Bancroft	1,365	100	709	70	4,019	63	4,729	33	3	46
Red Cross Outpost	Blind River	3,075	100	1,313	00	6,894	47	8,207	47	2	67
Red Cross Outpost	Bracebridge	4,886	100	2,170	95	10,114	50	12,285	45	2	52
Red Cross Outpost	Dryden	6,984	100	2,817	38	10,282	47	13,099	85	1	88
Red Cross Outpost	Englehart	2,423	100	1,166	17	5,468	14	7,634	31	3	15
Kirkland District Hospital	Kirkland Lake	8,691	100	5,040	34	26,002	52	31,042	86	3	57
Red Cross Outpost	Nakina	1,498	100	901	62	3,564	76	4,466	38	2	98
Lady Minto Hospital	New Liskeard	2,820	100	1,377	16	7,512	54	8,889	70	3	15
Red Cross Outpost	Rainy River	1,846	100	678	88	4,489	41	5,168	29	2	80
Red Cross Outpost	Richard's Land	1,407	100	782	00	4,042	35	4,824	35	3	42
Red Cross Outpost	Thessalon	2,490	100	1,145	42	5,989	95	7,135	37	2	87
Totals		37,485	100	18,102	62	89,380	74	107,483	36	2	87
The following Outposts maintain Public Health and Visiting Nursing Service throughout the District. The total costs shown include this service.											
Red Cross Outpost	Apsley	1,010	85	596	67	3,577	21	4,173	88	3	51
Red Cross Outpost	Atikoken	54	7	342	71	2,475	90	2,818	61	3	65
Red Cross Outpost	Bonfield	177	26	252	12	2,656	08	2,908	20	4	27
Red Cross Outpost	Coe Hill	475	64	321	73	2,706	47	3,033	20	4	08
Red Cross Outpost	Hornepayne	470	74	321	23	2,639	63	3,160	86	4	98
Red Cross Outpost	Kakabeka Falls	113	9	304	01	2,691	75	2,995	76	2	39
Red Cross Outpost	Lion's Head	413	53	486	10	2,533	20	3,019	30	3	87
Red Cross Outpost	Port Loring	459	37	576	48	2,749	36	3,325	84	2	68
Red Cross Outpost	Quibell	153	25	312	72	2,362	29	2,675	01	4	37
Red Cross Outpost	Redditt	171	22	304	15	2,496	47	2,800	62	3	60
Red Cross Outpost	Whitney	597	78	451	58	2,444	44	2,896	02	3	78
Red Cross Outpost	Wilberforce	89	9	218	88	2,572	42	2,791	30	2	82
Red Cross Car.	Barwick and Hawk Jet	271	57	451	18	2,940	07	3,391	25	7	13
Totals		4,452	42	5,144	56	34,845	29	39,989	85	3	77
GRAND TOTALS		41,937		23,247	18	124,226	03	147,473	21	2	96

\*Hospital patients only.

**TABLE No. IV.**—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for maintenance, sales, etc.	Income and grants from municipalities for patients' maintenance and treatment	Donations, bequests and other gratuitous income, and grants from Canadian Red Cross Society	Grants from municipalities for buildings, debentures, etc.	Total income from all sources other than Provincial aid					
						\$	c.				
Bed capacity, 1 to 30											
Red Cross Outpost	Apsley	2,190	29	65	50	1,159	46	229	72	3,644	97
Red Cross Outpost	Atikoken	152	00			2,609	04			2,761	04
Red Cross Outpost	Bancroft	1,944	70	494	90	1,809	65	43	35	4,292	60
Red Cross Outpost	Blind River	4,750	19	245	85	1,549	84			6,545	88
Red Cross Outpost	Bonfield	684	80			2,257	29	10	61	2,952	70
Red Cross Outpost	Bracebridge	13,820	20	1,278	90	328	67	1,000	00	16,427	77
Red Cross Outpost	Coe Hill	860	32	280	80	1,674	38	9	80	2,825	30
Red Cross Outpost	Dryden	14,530	86	625	05	1,126	47	202	37	16,484	75
Red Cross Outpost	Englehart	2,252	50	140	75	3,169	10	198	48	5,760	83
Red Cross Outpost	Hornepayne	1,282	15			1,716	94	10	00	3,009	09
Red Cross Car.	Barwick and Hawk Jet	514	66	140	00	2,596	53	6	75	3,257	94
Red Cross Outpost	Kakabeka Falls	407	27			2,706	59	51	64	3,165	50
Kirkland District Hospital	Kirkland Lake	33,361	58	1,198	75	2,941	01	696	87	38,198	21
Red Cross Outpost	Lion's Head	616	30	28	20	1,894	12	300	00	2,838	62
Red Cross Outpost	Nakina	3,312	40			364	44			3,676	84
Lady Minto Hospital	New Liskeard	5,396	90	254	25	2,409	50			8,060	65
Red Cross Outpost	Port Loring	462	45			2,437	08	68	09	2,967	62
Red Cross Outpost	Quibell	162	80			2,218	27	80	24	2,461	31
Red Cross Outpost	Rainy River	1,861	84	771	70	1,376	66	317	45	4,327	65
Red Cross Outpost	Redditt	224	95			2,335	68			2,560	63
Red Cross Outpost	Richard's Land	2,597	65	5	25	1,441	11	283	38	4,327	39
Red Cross Outpost	Thessalon	3,105	15	708	20	2,907	88	43	68	6,764	91
Red Cross Outpost	Whitney	485	45			1,659	41			2,144	86
Red Cross Outpost	Wilberforce	276	55	27	00	2,447	74	2	03	2,753	32
Totals		95,253	96	6,265	10	47,136	86	3,554	46	152,210	38

## RED CROSS OUTPOST HOSPITALS—Continued

TABLE No. V.—Showing the basis on which the Statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Infant days at 30c.	Over-time days at 10c.	Total per diem grant	Indigents from unorganized territory	Adjustments and deductions	Total Provincial aid
Bed capacity, 1 to 30								
					\$ c.	\$ c.	\$ c.	\$ c.
Red Cross Outpost	Apsley	866	121		555 90		41 69	514 21
Red Cross Outpost	Atikoken	45	9		29 70	93 52	2 22	121 00
Red Cross Outpost	Bancroft	1,015	388		725 40		54 41	670 99
Red Cross Outpost	Blind River	1,219	385		846 90	1,161 99	63 51	1,945 38
Red Cross Outpost	Bonfield	178			106 80		8 01	98 79
Red Cross Outpost	Bracebridge	4,533	137	9	2,761 80		207 13	2,554 67
Red Cross Outpost	Coe Hill	404	84		267 60		20 06	247 54
Red Cross Outpost	Dryden	1,408	449		979 50	1,679 62	77 46	2,581 66
Red Cross Outpost	Englehart	1,451	513	73	1,031 80	1,727 02	75 63	2,683 19
Red Cross Car.	Barwick and Hawk Jct.	252	10		154 20	82 60	11 56	225 24
Red Cross Outpost	Hornepayne	248	22		155 40		13 31	142 09
Red Cross Outpost	Kakabeka Falls	64	41		50 70	23 10	3 80	70 00
Kirkland District Hospital	Kirkland Lake	7,493	80	115	4,531 30	361 25	344 54	4,548 01
Red Cross Outpost	Lion's Head	232	171		190 50		14 29	176 21
Red Cross Outpost	Nakina	1,128	8	215	700 70	83 21	55 49	728 42
Lady Minto Hospital	New Liskeard	1,510	165	156	971 10	839 84	72 83	1,738 11
Red Cross Outpost	Port Loring	214	189		185 10	490 72	13 90	661 92
Red Cross Outpost	Quibell	99	54		75 60	154 80	5 67	224 73
Red Cross Outpost	Rainy River	1,162	320		793 20	614 43	58 47	1,349 16
Red Cross Outpost	Redditt	126	35		86 10	157 08	6 69	236 49
Red Cross Outpost	Richard's Land	1,097	235	49	733 60		55 02	678 58
Red Cross Outpost	Thessalon	2,029	342		1,320 00	568 56	102 99	785 57
Red Cross Outpost	Whitney	450	166		319 80	576 03	23 98	871 85
Red Cross Outpost	Wilberforce	50	39		41 70		3 34	38 36
Totals		27,273	3,963	617	17,614 40	8,613 77	1,336 00	24,892 17

TABLE No. VI.—Showing days upon which grant was paid for Indigents from Unorganized Territory less amounts paid with regular monthly grants during year.

Name of Hospital	Location	No. of patients	Less		Amount	No. of infants	Days at \$1.00	Less days at 30c.	Amount	Total grant	
			Days at \$2.00	Days at 10c.							
Bed capacity, 1-30					\$ c.				\$ c.	\$ c.	
Red Cross Outpost	Apsley										
Red Cross Outpost	Atikoken	7	54	54	75 60	2	22	22	15 40	91 00	
Red Cross Outpost	Bancroft										
Red Cross Outpost	Blind River	87	673	673	942 20	22	180	180	126 00	1,068 20	
Red Cross Outpost	Bonfield										
Red Cross Outpost	Bracebridge										
Red Cross Outpost	Coe Hill										
Red Cross Outpost	Dryden	74	933	851	1,355 40	33	323	287	236 90	1,592 30	
Red Cross Outpost	Englehart	74	92	961	1,400 10	31	347	336	246 20	1,646 30	
Red Cross Outpost	Hornepayne										
Red Cross Outpost	Kakabeka Falls	1	11	11	15 40	1	11	11	7 70	23 10	
Kirkland District Hospital	Kirkland Lake	24	218	208	311 20	3	33	24	25 80	337 00	
Red Cross Outpost	Lion's Head										
Red Cross Outpost	Nakina	4	41	41	57 40	1	8	8	5 60	63 00	
Lady Minto Hospital	New Liskeard	18	501	351	776 40	5	58	58	40 60	817 00	
Red Cross Car.	Barwick and Hawk Jct.	2	59	59	82 60					82 60	
Red Cross Outpost	Port Loring	25	209	209	292 60	24	246	237	174 90	467 50	
Red Cross Outpost	Quibell	10	74	74	103 60	6	64	63	45 10	148 70	
Red Cross Outpost	Rainy River	32	350	377	473 80	15	152	143	109 10	582 90	
Red Cross Outpost	Redditt	10	99	99	138 60	2	21	21	14 70	153 30	
Red Cross Outpost	Richard's Land										
Red Cross Outpost	Thessalon	24	388	388	543 20	2	7	7	4 90	548 10	
Red Cross Outpost	Whitney	28	313	313	438 20	15	157	157	109 90	548 10	
Red Cross Outpost	Wilberforce										
Totals		420	4,915	4,669	223	7,006 30	162	1,629	1,554	1,162 80	8,169 10

NOTE:—The difference of \$441.67 between this table and table No. 5 is accounted for by balances in adjustments of the 7½% deduction carried forward from 1933.





## SANATORIA FOR CONSUMPTIVES—Continued

TABLE No. IV.—Showing the sources of income of Sanatoria.

Name of Sanatoria	Location	Income from patients for maintenance, miscellaneous sales, etc.		Income from municipalities for patients' maintenance and treatment		Income from investments, endowments, etc.		Donations, bequests and other gratuitous and miscellaneous income		Special grants, donations, etc., for new equipment, building debentures, etc.		Total income	
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
Brant Sanatorium	Brantford	753	50	35,085	00	2,503	94	4,166	92			42,509	36
East Windsor Sanatorium	East Windsor	1,003	50	18,884	50							19,888	00
Muskoka Hospital for Consumptives	Gravenhurst	49,737	30	169,734	52	63,144	03	8,031	74	†7,871	50	298,519	09
St. Mary's-on-the-Lake Sanatorium*	Haileybury	37,966	72	25,180	50	20		9,334	39			72,481	81
Mountain Sanatorium	Hamilton	62,614	78	260,923	61	1,253	15	15,218	41			340,009	95
Freeport Sanatorium	Kitchener	5,936	09	66,856	71	908	38	2,908	12			76,609	30
Queen Alexandra San.	London	84,257	30	214,956	00	22,385	11	17,759	62			339,358	03
Royal Ottawa Sanatorium	Ottawa	15,091	19	94,308	25			1,239	56	18,606	00	129,245	00
Niagara Peninsula San.	St. Catharines	9,728	65	39,593	00	580	56	628	23			50,530	44
Essex County Sanatorium	Sandwich	6,934	22	67,804	50	781	03	5,631	57			81,151	32
The I.O.D.E. Preventorium	Toronto	251	75	52,782	00	12,811	03	4,283	24			70,128	02
Toronto & Queen Mary H.	Weston	18,855	16	247,610	50	23,839	96	22,447	15	†6,635	00	319,387	77
Totals		293,130	16	1,293,719	09	128,207	39	91,648	95	‡33,112	50	1,839,818	09

\*Includes income from Misericordia Hospital unit, \$18,882.60, under "Patients."

†Grants from Province for special clinics and radiotherapy.

‡Includes grants from Province for special clinics and radiotherapy.

TABLE No. V.—Showing the basis on which the Statutory aid is granted.

Name of Sanatoria	Location	Days at 75c.	Amount		Indigents from unorganized territory		Adjustments and deductions		Total Provincial aid	
			\$	c.	\$	c.	\$	c.	\$	c.
Brant Sanatorium	Brantford	35,286	26,464	50		1,984	85		24,479	65
East Windsor Sanatorium	East Windsor	16,918	12,688	50			951	64	11,736	86
Muskoka Hosp. for Consumptives	Gravenhurst	147,168	110,376	00	8,507	63	8,278	20	110,605	43
St. Mary's-on-the-Lake San.	Haileybury	30,319	22,739	25	12,703	31	1,703	98	33,738	58
Mountain Sanatorium	Hamilton	205,456	154,092	00	747	16	11,576	66	143,262	50
Freeport Sanatorium	Kitchener	44,284	33,213	00			2,490	98	30,722	02
Queen Alexandra Sanatorium	London	170,024	127,518	00	513	41	9,563	85	118,467	56
Royal Ottawa Sanatorium	Ottawa	68,181	51,135	75	96	25	3,835	18	47,396	82
Niagara Peninsula Sanatorium	St. Catharines	29,776	22,332	00	1,387	56	1,712	55	22,007	01
Essex County Sanatorium	Sandwich	48,534	36,400	50			2,730	04	33,670	46
The I.O.D.E. Preventorium	Toronto	42,256	31,692	00			2,376	89	29,315	11
Toronto & Queen Mary Hosp.	Weston	181,736	136,302	00	6,916	19	10,222	65	132,995	54
Totals		1,019,938	764,953	50	30,871	51	57,427	47	738,397	54

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory less amounts paid with regular monthly grants during year.

Name of Sanatoria	Location	No. of patients	Days at \$2.00	Less days at 75c.	Amount	
					\$	c.
Brant Sanatorium	Brantford					
East Windsor Sanatorium	East Windsor					
Muskoka Hospital for Consumptives	Gravenhurst	33	6,595	6,595	8,243	75
St. Mary's-on-the-Lake Sanatorium	Haileybury	51	9,846	9,872	12,288	00
Mountain Sanatorium	Hamilton	1	365		730	00
Freeport Sanatorium	Kitchener					
Queen Alexandra Sanatorium	London	2	397	397	496	25
Royal Ottawa Sanatorium	Ottawa	1	77	77	96	25
Niagara Peninsula Sanatorium	St. Catharines	3	692		1,384	00
Essex County Sanatorium	Sandwich					
The I.O.D.E. Preventorium	Toronto					
Toronto & Queen Mary Sanatorium	Weston	27	5,282	5,283	6,601	75
Totals		118	23,254	22,224	29,840	00

NOTE:—The difference of \$1,031.51 between this table and table No. 5 is accounted for by balances in adjustments of the 7½% deduction, carried forward from 1933.



## HOSPITALS FOR INCURABLES—Continued

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients		Income from municipalities		Income from investments, endowments, etc.		Income from donations, bequests and other gratuitous sources		Total income from all sources other than Provincial aid	
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
St. Peter's Infirmary	Hamilton	14,368	96	15,131	70					29,500	66
Parkwood Hosp. for Incurables	London	17,777	96	31,545	22	3,930	55	624	40	53,878	13
Perley Home for Incurables	Ottawa	16,398	05	14,853	50	586	91	3,734	66	35,573	12
St. Vincent Hosp. for Incurables	"	16,074	34	68,661	11	2,570	65	10,819	96	98,126	06
Home for Incurable Children	Toronto	1,278	05	2,754	85	6,088	57	9,514	28	19,635	75
Mercy Hospital for Incurables	"	4,829	10	74,238	50	2,923	70	35	00	82,026	30
Toronto Hospital for Incurables	"	24,742	19	156,303	50	19,474	69	28,722	04	229,242	42
Totals		95,468	65	363,488	38	35,575	07	53,450	34	547,982	44

TABLE No. V.—Showing the basis on which the Statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Amount		Indigents from unorganized territory	Adjustments and deductions		Total Provincial aid		
			\$	c.		\$	c.	\$	c.	
St. Peter's Infirmary	Hamilton	15,493	9,295	80		697	19	8,598	61	
Parkwood Hosp. for Incurables	London	34,972	20,983	20		1,573	75	19,409	45	
Perley Home for Incurables	Ottawa	27,363	16,417	80		1,231	34	15,186	46	
St. Vincent Hosp. for Incurables	"	60,349	36,209	40	2,288	02	2,715	71	35,781	71
Home for Incurable Children	Toronto	12,136	7,281	60		546	13	6,735	47	
Mercy Hospital for Incurables	"	49,925	29,955	00	190	00	2,250	90	27,894	10
Toronto Hospital for Incurables	"	110,229	66,137	40	524	76	4,960	31	61,701	85
Totals		310,467	186,280	20	3,002	78	13,975	33	175,307	65

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory less amounts paid with regular monthly grants during year.

Name of Hospital	Location	No. of patients	Days at \$2.00	Less days at 60c.	Amount	
					\$	c.
St. Peter's Infirmary	Hamilton					
Parkwood Hospital for Incurables	London					
Perley Home for Incurables	Ottawa					
St. Vincent Hospital for Incurables	"	8	1,613	1,613		2,258 20
Home for Incurable Children	Toronto					
Mercy Hospital for Incurables	"	1	95			190 00
Toronto Hospital for Incurables	"	1	365	365		511 00
Totals		10	2,073	1,978		2,959 20

NOTE:—The difference of \$101.78 between this table and table No. 5 is accounted for by balances in adjustments of 7½% deduction, carried forward from 1933.

PRIVATE HOSPITALS—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Licensee	Bed Capacity		Patients admitted during year ending Oct. 31st, 1933	Patients admitted during year ending Oct. 30th, 1934	No. of patients treated during year	Total No. of patients treated during year	No. of deaths during year	No. of stillbirths	Patients remaining in residence on Sept. 30th, 1934	
			Adults	Nursery								
<b>MATERNITY, MEDICAL AND SURGICAL</b>												
Strathaven Private Hospital	Allandale	Miss J. A. McLennan	4	2	No returns	3	9	6	1		2	
Brampton Private Hospital	Brampton	Mrs. V. Moore Davey	4	2	3	29	41	48	2	1	2	
Clarkburg Private Hospital	Clarkburg	Dr. P. Moore	4	2	3	153	161	154	2		5	
Sutcliffe Private Hospital	Simo	Mrs. Emma Sutcliffe	11	5	3	130	144	143	8	1	2	
Abithi Power & Paper Co., Pte. Hospital	Esplanola	Abithi Power & Paper Co.	10	2	83	83	86	83	3		1	
Folsvet Private Hospital	Fort Frances	Dr. E. C. McKenae	10	2	No returns	80	88	86	1		3	
McKenzie Private Hospital	Fort Frances	Dr. J. E. O'Donnell	10	6	No returns	18	22	20	2		2	
O'Donnell Private Hospital	Fort William	Dr. R. Kerr Dewar	5	2	1	20	23	19	1		3	
Margaret J. Dewar Private Hospital	Havelock	Mrs. Lacinna Cummins	8	4	No returns	4	184	187	5		4	
Kelly's Private Hospital	Hawkesbury	Dr. E. P. Kelly	10	2	4	184	196	187	5		4	
Hawksbury Private Hospital	Hawkesbury	Dr. T. W. Smith	15	10	No returns	12	596	639	4		6	
Hunter Springs Sanatorium	Hensall	Dr. Alexander Moir	40	10	No returns	44	652	639	4		6	
Causes Private Hospital	Kapuskasip	Spruce Falls Pwr. & Paper Co., Ltd.	9	6	No returns	38	404	374	16		2	
Causes Private Hospital	Kirkland Lake	Mrs. Mary Moffat	12	6	No returns	24	25	22	3		3	
Causes Private Hospital	Leamington	Miss Mary Dimming	5	2	No returns	357	38	374	16		2	
Miss O'Neill's Private Hospital*	Leamington	Miss J. O'Neill	12	4	No returns	24	1	25	22		3	
Dr. Hall's Private Hospital	Little Brit in	Mrs. Hall and Hall	4	1	3	56	60	58	2		2	
Merefield Private Hospital	London	Mrs. W. D. Stock, Reg. N.	4	1	3	26	34	33	1		1	
Long Branch Private Hospital	Long Branch	Mrs. M. L. Combear	4	1	7	195	228	221	7		1	
Markdale Private Hospital	Markdale	Dr. R. L. Cardoat	9	3	No returns	26	228	221	7		1	
Mimico Private Hospital	Mimico	Mrs. W. J. Dennis	4	2	No returns	125	70	204	188	5	3	
McEwen Nursing Home	Mimico	Mrs. Louise A. Kennedy	12	6	9	54	7	64	57	2	2	
Right Private Hospital	Ottawa	Mrs. Olive A. Farley	5	4	3	360	1	377	357	4	16	
Port Perry Private Hospital	Port Perry	Mrs. Nellie Whitmore	50	4	4	32	11	46	42	2	2	
Preston Private Hospital	Preston	Mrs. J. E. and L. G. Hagemer	4	4	3	147	11	164	151	5	2	
Cronin's Sanatorium	Smooth Rock Falls	St. Mary's	6	2	1	43	23	67	58	4	3	
Smooth Rock Falls Private Hospital	Smooth Rock Falls	Abithi Power & Paper Co., Ltd.	12	2	1	63	28	91	89	2	2	
Barter Bush Private Hospital	Stonerville	Mrs. E. R. Good	6	3	14	60	12	86	71	6	9	
Sutton Private Hospital	Sutton	Miss Elsie V. King	20	3	8	13	21	20	7	5	9	
Maplehurst Private Hospital	Thorold	Mrs. Mary J. Britton	20	3	14	60	12	86	71	6	9	
Alpenes Nursing Home	Toronto, 140 Dowling Ave.	Mrs. J. H. Adams	2	2	8	18	3	21	7	5	9	
Balmly Beach Private Hospital	" 3 Fellingbrook Rd.	Mrs. M. A. Strong	20	2	13	102	89	194	181	3	7	
Conway Nursing Home	" 538 Brunswick Ave.	Mrs. Charles H. Robinson	10	7	3	88	22	113	111	2	3	
Conynado Private Hospital	" 71 Winchester St.	Miss C. M. Lloyd	10	6	3	97	89	186	181	3	2	
Angelen Nursing Home	" 739 Dufferin St.	Miss Annie M. Penn	4	5	2	4	28	35	29	3	3	
Isabella Private Hospital	" 83 St. Clair Ave. W.	Mrs. Helen Gadsby	6	2	4	28	3	35	29	3	3	
Isabella Private Hospital	" 94 Isabella St.	Mrs. Jessie Urquhart	10	6	No returns	104	20	124	118	1	5	
Nursing-at-Home Mission	" 76 Hayter St.	Miss A. Louise Kirby	6	4	No returns	80	27	115	85	12	18	
Parkside Convalescent Home	" 100 Bloor St. W.	Mrs. M. J. Smith	50	6	8	104	20	124	118	1	5	
Ross Nursing Home	" 75 Scarborough Rd.	Miss Eva Ross	7	7	No returns	169	349	507	6	9	12	
St. Mary's Private Hospital	" 550 Jarvis St.	Sisters of Misericorde	25	12	16	349	169	534	507	6	9	
South York Hospital Limited	" 160 Oakwood Ave.	Mr. W. J. Donnelly, Secy	15	12	9	207	90	306	290	3	8	
Strathcona Private Hospital	" 32 Gofrite Ave.	Mrs. S. E. Driewitz	12	6	6	253	75	337	313	15	6	
Victoria Memorial Hospital	" 56 Isabella St.	Miss Annie Pringle	25	8	10	486	121	617	589	11	13	
Marian Young Private Hospital	" 129 Havelock St.	Mrs. Marion Young	6	4	No returns	No returns						
Trenton Private Hospital	Trenton	Mrs. Doris W. Eurnicht	4	2	No returns	No returns						
Vankleek Hill Private Hospital*	Vankleek Hill	Dr. A. McDonald	10	2	No returns	No returns						
Sunnybrook Private Hospital	Whitby	Miss Jennie McKee	10	6	No returns	No returns						
Porter Private Hospital	Whitby	Mrs. Eva Porter	7	3	No returns	No returns						
Mrs. Root's Private Hospital	Wharton, R. R. No. 1	Mrs. M. E. Root	6	3	No returns	82	21	105	101		4	
			146	170	4,742	1,068	5,980	5,618	146	41	175	
<b>Totals</b>			565	146	170	4,742	1,068	5,980	5,618	146	41	175

PRIVATE HOSPITALS

Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Licensee	Bed Capacity		Patients in rest-dence on Oct. 1st, 1933	Patients admitted during year ending Sept. 30th, 1934	No. of births during year	Total No. of patients treated during year	No. of patients discharged during year	No. of deaths	No. of still-births	Patients remaining in rest-dence on Sept. 30th, 1934
			Adults	Nursery								
MEDICAL AND SURGICAL												
International Nickel Co., Ltd., Priv. Hosp.*	Copper Cliff	International Nickel Co., Ltd.	35		15	670		685	663	7		15
Hydro-Electric Power Com. Private Hosp.*	Fraserdale	Hydro-Electric Power Com. of Ont.	20		No re	15		20	11			9
Loxvat Hall*	London	Dr. A. G. Morphy	10		5	15		8	4	2		2
Community Private Hospital	London	Mrs. G. A. Watson	5			62		6.2	6.2			
Howey Gold Mines Private Hospital	Red Lake	Dr. T. J. Goodison	5		No re	turns						
Dome Mines Private Hospital	South Porcupine	Dome Mines, Limited	5		No re	turns						
Tillsonburg Emergency Hospital	Tillsonburg	Mrs. Alexander and McCLeod	4		No re	turns						
Elmhurst Private Hospital	Toronto, 88 Charles St. E.	Miss Ethel Bayley, Reg. N.	4		3	7		10	7	1		2
Medical Arts Surgery	" Medical Arts Bldg.	Miss Mabel Patterson	10		1	8.21		8.22	8.20	2		4
Oakwood Clinic Hospital	" 880 St. Clair Ave. W.	Dr. W. S. Grimshaw	4		4	206		261	251	2		4
St. George Rest Home	" 4 Spadina Rd.	Mrs. Katherine Blasdale	6		6	15		21	16	2		3
St. Margaret's Private Hospital	" 43 Wellesley St.	Miss Pearl Casey	4		No re	turns		17	14	1		2
Mrs. Stewart's Rest Home	" 626 Church St.	Mrs. Esther C. Stewart	3		7	39		46	38	2		6
Strathway Private Hospital	" 94 Prince Arthur Ave.	Miss E. W. Hemertson	4		4	2		6	1	2		3
Mrs. Trout's Private Rest Home	" 123 Isabella St.	Mrs. Ada Trout	4		14	24		38	14	11		13
Wellesley Rest Home	" 17 Wellesley St.	Miss Margaret Eaton	18									
Totals			146	3	64	1,881	51	1,906	1,901	32	4	59
MATERNITY (Only)												
Thompson Nursing Home	Bracebridge	Mrs. R. G. Thompson	4		No re	turns						
Salvation Army Private Hospital	Hamilton	Salvation Army	13	9	4	83	78	165	152	2	5	6
Salvation Army Bethesda Hospital	London	Salvation Army	21		No re	turns						
Moore Private Hospital	Owen Sound	Miss L. M. Moore	4	5	6	39	39	84	83	1		
Rogers Nursing Home	Toronto, 468 Rogers Rd.	Mrs. Jean Ballantyne	7	8	6	25	20	45	45			
St. Clair Private Hospital	" 53 Harvie Ave.	Dr. Harold E. Baker	4	3	3	22	12	34	31		1	2
Westmount Private Hospital	" 175 Westmount Ave.	Mrs. A. G. Barlier	4	4		9	9	18	18			
Totals			57	29	10	178	158	346	329	3	6	8
PRIVATE CONVALESCENT HOSPITALS												
Brookhurst Convalescent and Rest Home	Colourne	Miss Effie C. Bolster	5		No re	turns						
Kress House*	Preston	M. Wm. F. Kress	45									
Braeside Lodge Sanatorium	Toronto, 158 McEachter Ave.	Miss Sophia L. J. Robb	22			55	55	55	55			
Allanton Convalescent Home	" 869 College St.	Miss Mary M. Allan	6		6	6	6	6	3	2		1
Allen Rest Home	" 89 Prince Arthur Ave.	Miss Catherine Osborne	12		10	10	20	4	4			12
Hamilton Nursing Home	" 10 Homewood Ave.	Miss Emma Hamilton	6		No re	turns						
Homewood Rest Home	" 10 Homewood Ave.	Mrs. R. M. Middleton	8		No re	turns						
"Quiet Corner" Rest Home	" 150 Glen Cedar Rd.	Mrs. Pearle E. Diehl	8		1	19	20	14	14	3		3
Lock Sloy Convalescent Home	Winona	M. R. F. MacFarlane	25		No re	turns						
Totals			137		11	90	101	76	76	9		16

Name of Hospital	Location	Licensee	Bed Capacity		Patients admitted during Oct. 1st, 1933	Patients admitted during Sept. 30th, 1934	Total No. of patients treated during year	No. of patients discharged during year	No. of deaths	No. of stillbirths	Patients remaining in residence on Sept. 30th, 1934
			Adults	Nurses-cots							
<b>SPECIAL PRIVATE HOSPITALS</b>											
Calyder Sanatorium.....	Gravenhurst.....	Dr. C. D. Parfitt.....	50		15	56	71	57	4		10
Wood Sanatorium.....	Hamilton, 114 Esplanade S.....	Mr. John T. Wood.....	8		7	131	138	126	2		10
Edwards Private Hospital.....	London, 388 1/2 Ribbott St.....	Mrs. M. J. Leavitt.....	8			5	5	4	1		
Glen Ridge Private Hospital.....	Markham.....	Mrs. A. E. Mayhew.....	4		No returns						
Deegan Private Hospital.....	Ottawa, 360 Frank Ave.....	Mrs. Katherine Deegan.....	8		No returns						
Grand Lodge of Ontario, I.O.O.F. Home.....	Toronto, 1098 Davenport.....	Mr. S. O. Parks, Sec'y.....	10		14	41	55	38	8		9
Totals.....			94		36	233	269	225	15		29
<b>GRAND TOTALS.....</b>			<b>999</b>	<b>178</b>	<b>291</b>	<b>7,124</b>	<b>8,692</b>	<b>8,149</b>	<b>205</b>	<b>51</b>	<b>287</b>

\*These hospitals discontinued operation in 1934.









# Sixty-Seventh Annual Report

UPON THE

# Prisons and Reformatories

OF THE

PROVINCE OF ONTARIO

BEING FOR THE YEAR ENDING 31st OCTOBER

# 1934

PRINTED BY ORDER OF  
THE LEGISLATIVE ASSEMBLY OF ONTARIO  
SESSIONAL PAPER No. 18, 1935



ONTARIO

TORONTO

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1935

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TO THE HONOURABLE HERBERT ALEXANDER BUCE,  
*Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Sixty-Seventh Annual Report upon the Prisons and Reformatories of the Province of Ontario for the period ending 31st October, 1934.

Respectfully submitted,

H. C. NIXON,  
*Minister.*

Toronto, April 11th, 1935.



HONOURABLE HARRY CORWIN NIXON,  
*Provincial Secretary of Ontario.*

SIR:

In these days of a rapidly changing social order and of public opinion awakened and keenly socially minded it seems opportune in presenting the sixty-seventh Annual Report of the Penal Institutions under your jurisdiction to review briefly the changes and progress in the care, treatment and custody of prisoners in Ontario.

Just twenty-five years ago all male prisoners in Ontario were in custody behind walls and bars for the full length of sentence. They were incarcerated in Gaols and the Central Prison. These buildings of the Central Prison were solid, built for security. Safe custody was the chief purpose. The windows were insufficient, the light meagre. The cells were narrow, so narrow in fact that as a rule, the beds must be folded against the wall to give the inmate space to take two or three steps. Sanitary conveniences were almost nil, the cell bucket was in universal use. In those Institutions modern improved ventilation was lacking, the air always more or less bad, sometimes the stench was overpowering. Apart from separation of sex there was little attempt at classification. Newspapers and magazines were generally forbidden and reading matter of any kind scarce. Apart from the gaol cleaning duties no work was available except at the Central Prison where most of the longer sentence prisoners were in custody. It had several factories but these were insufficient to provide work for all and large numbers of the prisoners were marched around the yard for exercise as in the gaols. Medical services for the inmates lagged too often behind the medical knowledge of that time and too seldom were sick prisoners removed to general hospitals. Aching and decaying teeth were pulled by the Medical Officer, because there were no dental clinics. Venereal disease was a natural punishment for sin, treatment for such was very primitive in comparison with present day standards and there were few facilities for segregation.

There were no indeterminate sentences and no parole board. A few fortunate ones might receive a ticket-of-leave but for the rest there was no good conduct remission and the sentence as given by the Court must be served to the last day.

But there were bright spots in the prison picture of twenty-five years ago. Many people were kind and humane, as they are to-day, and considerate of the failings of their fellow men. Officials and guards were as kind as conditions would permit. It was and is impossible to provide permanently, sufficient proper useful work for all the prisoners inside four walls. "Satan finds mischief for 'idle hands to do", and so discipline under such conditions must at times be severe to maintain order. Clergymen and religious workers on Sundays held religious services and Bible Classes and their efforts among prisoners were quite evidently more extensive than in more recent years. There were prisoners' aid societies, organized and supported by large hearted citizens. Unfortunately, in later years these died with their sponsors and patrons.

The Andrew Mercer Reformatory was another bright part of the prison picture of that time. It was built many years before for erring members of the weaker sex and in its construction many of the forbidding aspects of prisons for males had been omitted. It was well managed and suffered only one drawback, that of being situated in a rapidly growing industrial district.

At the time referred to early in the present century there developed a growing realization among citizens and officials that punishment by confinement did not provide sufficient and lasting protection to society. Temporary protection might be provided by imprisonment of offenders but sooner or later release must come and it could be made permanent as far as these were concerned only by achieving some successful method of changing their lives to ensure good citizenship.

It was felt too that this could be accomplished by more humane treatment and in the last analysis would be less expensive than the methods then in vogue. This growing feeling of public responsibility to and for prisoners resulted in the appointment by the Government in 1907 of a committee to study carefully the whole subject, receiving the best advice available and to report. The findings of that committee were presented in 1908 and directly resulted in the greatest major advance in Canadian Prison history to date—Canadian, because while the greatest development has occurred in Ontario the results and the system used, have spread to other provinces and in the light of Ontario's experience of the past twenty-five years might well be extended even much farther.

In view of the very important developments which have occurred in this period the conclusions of that committee are now briefly reviewed with short summaries of subsequent action following each recommendation. (The recommendations are written in italics.)

*"That the property now known as the Central Prison be disposed of. That an area of four hundred or five hundred acres, within a reasonable distance from the City of Toronto, and easily accessible by railway, be purchased. That on this property a new prison be erected. That this institution be known as the Provincial Reformatory of Ontario.*

In 1909 property to the extent of eight hundred acres of land near the City of Guelph was purchased. For economical construction and to provide work it was decided that the necessary buildings would be erected largely with prison labour. Temporary housing was provided for three hundred prisoners and the construction proceeded. The majority of prisoners are inefficient at any trade or calling by which they may earn an honest living and therein lies one of the causes of crime. Therefore, the construction of the buildings of the new institution was slow, covering several years. In June, 1915, it had progressed to the extent that the Central Prison was closed, the property sold, and the new institution became known as the Ontario Reformatory, the major penal institution of the province. Finally with extensive modern industrial buildings it was completed in 1916 and in respect to plant and equipment was and is to-day the largest prison in Canada. It is probably our best known institution, however, because of its great success.

*That a branch institution be located in Northern Ontario.*

In the rapid opening of the North Country and railway construction, the large



floating population, mostly of foreign birth, overtaxed the capacity of the small district gaols—hence the recommendation. To correct the situation, in 1911 twelve hundred acres of bush land were secured near Fort William and the Industrial Farm at the head of the lakes was brought into being. Through all the years since, it has taken care of the prisoners from Northern Ontario, giving them the benefits of modern treatment.

The same condition of over-crowding of district gaols led directly to the establishing of the Industrial Farm, Burwash, in 1914. Fourteen thousand acres of Crown Lands were taken over for this purpose and a few months later the area under the Institution control was increased to thirty-five thousand acres. It started with twelve prisoners and officers in tents and four months later had 180 prisoners in temporary wooden buildings. Now in acreage, cleared and under farming operations and in livestock it is the largest public farm in Ontario. Because of the large acreage and the distance, three permanent camps have been established and at times two temporary camps are used. During the past year prisoners in the most northerly camp were fifteen miles from those in the camp farthest south. It is in effect several institutions in one. These permanent camps have electric light and power from the Hydro-Electric Commission's plant on the Wahnipitae River. They have steam or hot water heating, running hot and cold water and other modern conveniences. The location of this institution and the unlimited work seem to be especially suitable for the repeaters transferred there.

Thus the recommendation to locate a branch institution in Northern Ontario was more than fulfilled in the establishing of two and one of these (Burwash) has grown to be one of the major institutions of the province.

The recommendation for Southern Ontario was also exceeded. In 1912 because of the overcrowding of the Toronto Gaol the city of Toronto, with the concurrence of the Ontario Government, established the Industrial Farm at Langstaff for men and another at Concord for women. These have taken care of the short term prisoners who otherwise would have served their sentences in the gaol.

Also in 1913 it was found that on Government property at Mimico there was a deposit of clay and shale ideal for the making of brick and tile products. A branch of the Central Prison and later of the Ontario Reformatory was started with housing for fifty men, later increased to two hundred. A brick and tile mill was erected and the branch became known as the Ontario Brick and Tile Plant. Annually it has provided most of the brick and tile required in the construction of Ontario's public buildings. In 1931 it became a separate institution with the name, Ontario Reformatory, Mimico.

Plenty of useful, healthful work is one of the prime necessities for real work in reformation. Unfortunately, for many prisoners in prisons great and small on this continent, that situation has not been remedied and is the great curse of prison life.

Therefore, it should be especially noted that in the period 1909-1914 six institutions were established to provide such work for the prisoners of Ontario. These have been used to the greatest extent practicable. Many thousands of prisoners instead of remaining in the gaols have served their sentence under the new and better conditions. This has greatly relieved gaol conditions but prisoners on remand and those serving very short sentences cannot, as a rule, be removed to

the Reformatories and Industrial Farms, because of the cost of transportation and other factors. Whether such transfers should be made is probably a debatable question, as the gaols are now well kept and the time of confinement short. But they do lack sufficient work and, to some extent, facilities for segregation. On the other hand, short periods of rather close confinement are often conducive to serious reflection with the resultant benefit. Prisoners on remand must be convenient to the judicial centre. Because of the development of our highway system and automobile transportation the area of several counties in point of time and convenience in reaching the judicial centre, is no larger than one county was a few decades ago. It seems likely that in time the judicial areas will be enlarged and will automatically reduce the number of gaols. In such re-location arrangements can be made for providing proper and sufficient work.

*That what are known as the public account, contract and piece price systems of employment be discontinued as work can be found for the inmates in the improvement and cultivation of the land, the caring and feeding of live stock, etc., and the making of such supplies as are necessary for the various public institutions of the province. That in the equipment of the industrial departments regard be had for the development of the mechanical taste and manual dexterity of the inmates rather than the specialization of labour and the rapid production of goods by machinery.*

As previously stated, up to twenty-five or thirty years ago the ideas regarding prisoners were largely punitive and thus they were maintained at minimum cost. To that end those in authority made contracts with commercial manufacturers whereby the contractor moved his machinery and equipment into the prison and manufactured goods which he sold in the open market. He paid the prison at a stated rate per day or per piece. Thus the more each prisoner worked the greater the profit to the manufacturer and to the state. It was natural under such conditions for prison factories to develop into the worst kind of sweat shops. This system is still followed in a few sections on this continent and was in effect at the Central Prison until a few years before it was closed.

How different are the conditions under which the prisoners of our Reformatories and Industrial Farms work to-day! Custody in each institution is graded in many degrees from complete trust to close and constant supervision. A very large proportion enjoy the advantages of work in the open country on the farms and receive the healing influences of direct contact with the soil which is so conducive to restoring sane thought and a proper perspective toward one's fellow beings. Those who work in the institution factories do so under carefully supervised conditions and are protected by regular and thorough factory inspection. They are, of course, like all prisoners in such institutions, required to do their work allotments carefully, thoroughly and to the extent of their abilities, mental and physical. Otherwise full educative value would not be received and after leaving and going into commercial positions they could not have the proper chance to make good.

It costs real money to maintain these prisoners in the present favourable conditions and that money comes from the citizens of the province in taxes. It is then right and proper that the prisoners, by their labour while receiving training, should lighten this financial burden as much as possible. Full information re expenditures and revenues is given in the financial statements incorporated in this report. The markets for the goods and materials produced are found entirely,

with one exception, in other Ontario departments. The exception is the tile made at the Mimico institution and that product is not manufactured elsewhere in Canada.

It should be noted that sales to other departments and institutions are practically at actual cost and in ascertaining such cost prices no allowance is made for prison labour involved in the production. Thus, those to whom we sell reap benefit from such a policy and each year's total production actually represents much more than that indicated, as the prices are lower than in commercial business.

*That the striped suit now worn by the inmates be abolished and that ordinary clothing of a uniform style and colour be substituted therefor.*

Loss of liberty inevitably involves punishment. It is obviously unwise to punish more than is necessary. It is folly to humiliate excessively or to degrade. Therefore, the striped suit has gone and the prisoners wear clothing in which they can retain their self respect.

*That as soon as practicable a system of technical education be introduced by the establishment of one school under a qualified instructor, and if the experience warrants, that the system be extended.*

The three Reformatories, those at Guelph and Mimico for men and the Andrew Mercer for women are largely industrial. Trained instructors are in charge of the various industries. The average term served is too short in which to thoroughly learn a trade. It has been evident also that many of the younger prisoners must first be taught to work. Therefore, we have concentrated our efforts in first teaching them this valuable lesson of life and then in the time remaining help them to ascertain what trade or work they may be competent to follow. Incidentally, during the time spent in the industries they acquire knowledge and the rudiments of some trade. It seems highly desirable that the main acquiring should be under commercial conditions and by the one process they will also support themselves, no longer being a burden on the tax payers of the province. Therefore, our Reformatory training is designed to be as short and intensive as possible.

The technical education now given can and should be improved by classroom work in conjunction with the present industries and other trades, particularly at the Ontario Reformatory, Guelph, where the more hopeful young male prisoners are sent, and at the Andrew Mercer Reformatory for women.

*That schools of letters, covering elementary subjects, be established with a view later on to the adoption of a more advanced curriculum.*

A school of letters under the immediate direction of a university graduate and inspected by the Department of Education is an important feature of the Ontario Reformatory, Guelph. Illiterate and near-illiterate prisoners are required to attend day school and night classes are carried on for other prisoners wishing to improve their education. Annually a class takes the prescribed examination for entrance to high schools and each year nearly all writings are successful and some pass with honours.

There is a school of letters at the Andrew Mercer Reformatory, with good results and occasional classes at some of the other institutions but not regularly.

largely through lack of proper class rooms. Academic work in general has given encouraging results and can be further extended.

*That callisthenics and military exercises be organized with the object of improving the physical condition of the inmates and thus paving the way for their moral adjustment, but that anything in the nature of a public display be prohibited.*

Our prisoners are sufficiently warlike without further developing that part of their nature by military exercises but, no doubt, the committee in making the recommendation had in mind the benefits to be derived from physical training. The latter has a place in Reformatory work. It has probably not been carried to the degree intended. There is fortunately sufficient work at our reformatory institutions and the men march to and from that work in squads formed in four. There are no drill halls or gymnasiums and these are necessary for daily training in this climate. Our prisoners by no means lack physical exercise, but thought might well be given to a system of physical training for newly admitted young able bodied prisoners and such others as quite evidently require it.

*The importance of the indefinite sentence and parole plans as features of a reformatory system can scarcely be over-estimated.*

Subsequent experience has fully demonstrated the truth of that statement. No two human beings are identical. The Court at best can only approximate the time a prisoner should lose his liberty. It cannot accurately foretell the effect of the sentence or of institutional training on the prisoner. Therefore, means should be provided for ascertaining, as far as is humanly possible, the proper time for release, and authority vested in capable hands for releasing at that psychological time and the giving of assistance and supervision until re-establishment as a good citizen has been completed.

To this end the Parliament of Canada in 1913 amended the Prisons and Reformatories Act as follows:—

*Section 46.* "Every court in the province of Ontario, before which any person is convicted for an offence against the laws of Canada, punishable by imprisonment in the common gaol for the term of three months, or for any longer time, may sentence such person to imprisonment for a term of not less than three months and for an indeterminate period thereafter of not more than two years less one day in the Ontario Reformatory instead of the common gaol of the county or judicial district where the offence was committed or was tried."

*Section 57.* "Every court before which any female is convicted of an offence against the laws of Canada, punishable by imprisonment in the common gaol for a term of two months or for any longer time, may sentence such female to imprisonment for an indefinite period not exceeding two years in the Andrew Mercer Reformatory for Females, instead of the common gaol of the county or judicial district where the offence was committed or was tried."

Other sections were also amended facilitating transfers from gaols to any reformatory or industrial farm.

Section 43 was placed in the same act in 1916 authorizing the province of Ontario to appoint a Board of Parole and giving that Board authority to parole prisoners serving indeterminate sentences.

These changes in the Statutes undoubtedly constituted one of the most important advances in the prison history of Ontario.

The Annual Report of the Board containing an account of its procedure and important operations is incorporated in this report.

Thus have been reviewed the recommendations of the committee of 1907-1908 and the fulfilment in the years since elapsed.

They have been much more than fulfilled. The ramifications of the system evolved exceeded the committee's expectations or hopes. Many important ideas and ideals have since been born, incorporated in the system, brought to fruition and are now in every day operation, such as—

1. Good conduct remission. This is the shortening of sentence by industry, diligence and faithfulness and the strictness with which the prisoner observes the prison regulations.

2. Gratuity given at parole or discharge. For some years this was based on length of sentence served, plus good conduct. Now, like transportation to his home or elsewhere, it is based largely on the needs of the inmate in becoming re-established. It was found that large gratuities were not only wasteful of public funds but an actual deterrent to his rapid re-establishment.

3. Improved Medical Services. Complete medical examination is made of every inmate when he enters the institution, and full precautions taken to safeguard his health. Dental clinics are maintained and all necessary dental work is done.

Clinics for the treatment of venereal diseases give the most modern treatment known to medical science.

Always prisoners seriously ill or requiring major surgery are removed to public hospitals, except that at the Industrial Farm, Burwash, there are two full time medical officers and two nurses and there complete hospitalization is carried on. There many rehabilitation operations are performed, always of course, at the request of the inmate, and he is thus fitted to earn an honest living.

4. Restricted recreation in such as baseball, concerts, educational lectures (some illustrated), the radio, the daily and other newspapers, good magazines and well kept libraries. During the Winter of last year the prisoners at Burwash, on the average, each read two books per week.

The primary purposes of the modern penal institution are reasonable custody and reformation and the purpose of recreation therein is educational and must not be permitted to stray into the realms of pampering.

This brief resumé covers only some of the developments and growth of the Reformatory and Industrial Farm system. The complete picture can only be seen by personal inspection. Citizens are again reminded that they may, without notice, individually or in groups, visit these institutions during working hours.

During the years since the creating of the Reformatories and Industrial Farms the growth has been the result of constant experimentation. As we are dealing with human beings this must be done only after the most careful consideration and with the best of good judgment. These institutions have been

evolved step by step to their present status. It is interesting and instructive to note that the net cost per prisoner per day in the modern elaborate reformatory institution in Ontario is slightly less than in the gaols, and entirely apart from reformatory values is tangible evidence of the sound investment the province has made.

Reasonable plant and equipment are necessary but in the final analysis the efficiency of the institution depends on the calibre of the staff.

The instructors in agriculture, industry and other institutional occupations have been fairly well qualified. There have been some whose services could scarcely be excelled. But there have been others who did not fit properly into the desired scheme. In such work an officer must have full knowledge of the subject he is teaching, have a broad, patient understanding of human nature and its frailties, if he is to be a good disciplinarian, and at all times so conduct himself that he will command the respect of those under his charge. There have been revisions of staff but they have been largely by the trial and error method.

These staffs are undoubtedly better than at any time in the past but they cannot be improved to the proper degree until definite standards are set and specific qualifications required and enforced.

We believe that in 1934 reasonable progress was made throughout the institutions. We had successes and failures. Perfect goods cannot be made from faulty material. But to the best of our ability we have tried to adapt our imperfect wards to ways of usefulness. The perfect institution (if such exists) may do its best but its efforts in respect to any inmate are largely lost if he fails to co-operate. There are some (a small percentage) who very deliberately enter and remain in crime and for them apparently the only deterrent is fear of the consequences. The majority of recidivists, such as those at Burwash, desire to a greater or less extent to be law abiding citizens, but often tempted and handicapped they lack the will power to make themselves do what they know to be right. They can remain in the straight and narrow path only with assistance, human or Divine.

At any time in any prison there are a few who could cause trouble if they dared. Sometimes they dare to do so and the result is trouble for themselves and others.

In the evening of September 29th at the Ontario Reformatory, Mimico, some agitators induced many other prisoners to demand the release from cell confinement of a prisoner who had been guilty of repeated insubordination. They refused to go to bed, kept shouting and yelling and defied the authority of the officers but did no serious damage to property and did not attempt to escape but the situation was becoming serious when sufficient officers arrived to cope with them. Those responsible for the disturbance received corporal punishment summarily and the incident was very quickly concluded.

In the evening of November 29th at the same institution four prisoners viciously assaulted two officers in an attempt to escape. Another officer off duty went to the rescue and in the resulting *melée* fatally shot one of these prisoners. The others did not escape. The officer was entirely exonerated from blame for the fatality. There was no connection between the two occurrences.

Otherwise discipline in general throughout the institutions was much the same as in immediately preceding years.

The common gaols of the province, forty-seven in number, were all inspected and the written reports of the Inspector with recommendations in each case were sent to the authorities concerned and copies placed on file.

The usual statistical tables covering the Gaols, Reformatories and Industrial Farms are printed in this report. Attention is particularly directed to the reports of the Superintendents.

During the year Mr. J. A. Norris, who for some years had been responsible for the inspection of the various institutions, resigned and this work was placed in the hands of Mr. T. M. Gourlay, who for many years has been a capable official of this department and is fully qualified in knowledge, experience and personality.

I am pleased to report that, as indicated in the following table, the decrease which commenced in 1931 in the number of persons committed and sentenced to prison throughout the province continued during the past year. The causes for this decrease were given in 1933 and are still operating.

Year ending September 30th	Approximate popula- tion of Ontario.	Persons Committed for Trial	Persons Sentenced to Prison
1913	2,767,000	19,250	11,897
1914	2,770,000	22,777	14,801
1915	2,788,000	20,337	12,663
1916	2,728,000	16,100	9,364
1917	2,750,000	12,445	7,867
1918	2,769,000	13,242	7,874
1919	2,821,000	13,096	7,904
1920	2,849,000	14,756	8,643
1921	2,934,000	16,800	9,790
1922	3,010,000	14,800	9,312
1923	3,035,000	13,995	8,036
1924	3,075,000	15,879	8,834
1925	3,115,000	18,023	11,306
1926	3,151,000	18,033	11,371
1927	3,176,000	20,578	13,927
1928	3,241,000	23,786	16,358
1929	3,285,000	25,980	17,626
1930	3,366,000	29,126	21,421
1931	3,432,000	26,358	18,127
1932	3,479,000	25,235	15,804
1933	3,510,000	22,484	14,538
1934	3,540,000	20,916	13,509

To further improve the prison system of Ontario I recommend:—

1. The completing as soon as finances will permit of the permanent fire proof housing for the prisoners at the Main Camp of the Industrial Farm, Burwash. The most dangerous prisoners in our reformatory institutions are segregated there. The housing at present in use is unsatisfactory, has out-lived its usefulness and is a fire hazard.

2. Prior to 1931 transfers to reformatory institutions were largely on a geographical basis. During the past four years, they have been made chiefly on the basis of past criminal record and irrespective of age, with some geographical considerations. I recommend that segregation by institution be made on the combined basis of age and past record to the following extent:—All prisoners

under twenty years of age be transferred to the Ontario Reformatory, Guelph, as well as those between twenty and twenty-five who appear to be most readily susceptible to reformation. Those over twenty-five years of age and most readily susceptible to reformation be transferred to the Ontario Reformatory, Mimico. All those appearing to be less susceptible to reformation and over twenty years of age be transferred to the Industrial Farm, Burwash. That at any time during the sentence individuals who quite evidently have failed to respond to the treatment given be transferred from Guelph and Mimico to Burwash. That the Industrial Farm, Langstaff, continue to take short term gaol prisoners from the City of Toronto. That because of the very reduced female prison population and for reasons of economy, arrangements now being made for the closing of the Industrial Farm, Concord, be completed, the prisoners henceforth being transferred to the Andrew Mercer Reformatory. That because of the low male prison population in North Western Ontario and for reasons of economy consideration be given to the reduction of the Industrial Farm, Fort William, to the status of a camp with a Sergeant and the necessary officers in charge. That as far as is feasible we continue the transfer of gaol prisoners to the reformatory institutions in accordance with the above proposals.

3. That the activities of prisoners during the evening hours be further organized along educational and recreational lines, referring particularly to wide extension of the present system of academic and technical education, illustrated lectures, directed reading and physical training. That this programme be first made effective at Guelph and extended later to the other institutions when facilities are available.

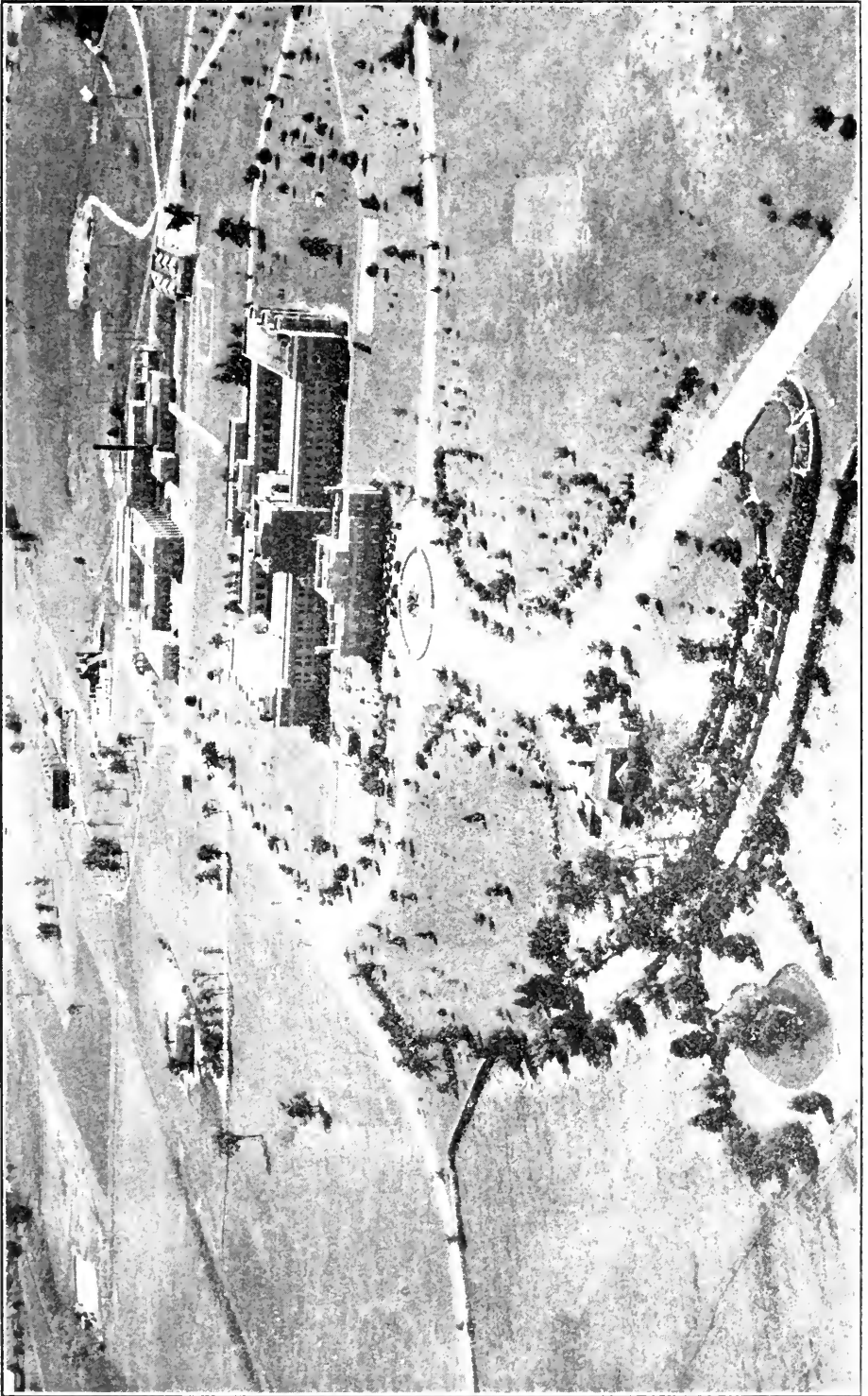
4. That reasonable but definite standards be set for officers, that these shall apply in the filling of vacancies. That a survey be made of the present staffs and that officers now in the service be given reasonable opportunity and time to attain the required standards.

May I, in conclusion, Sir, thank you and all others who have in many ways during the past year assisted us in the proper administration of this branch of the service.

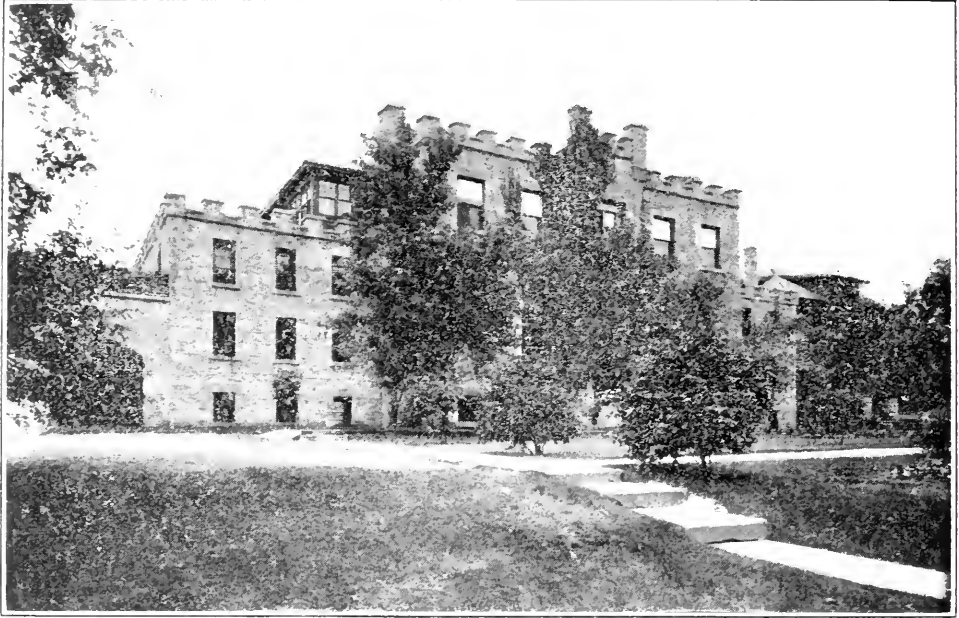
C. F. NEELANDS,

*Deputy Provincial Secretary.*

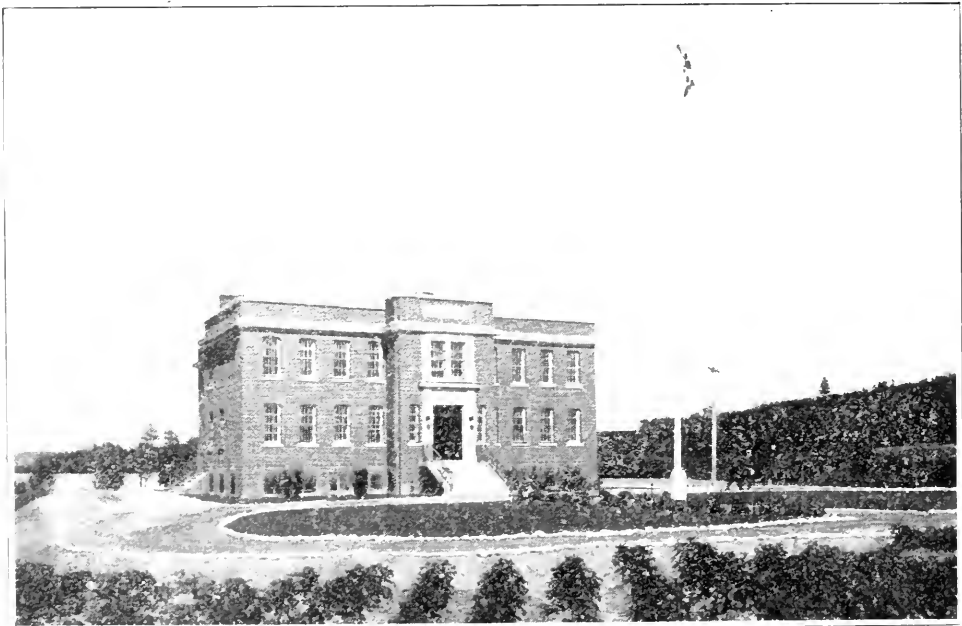




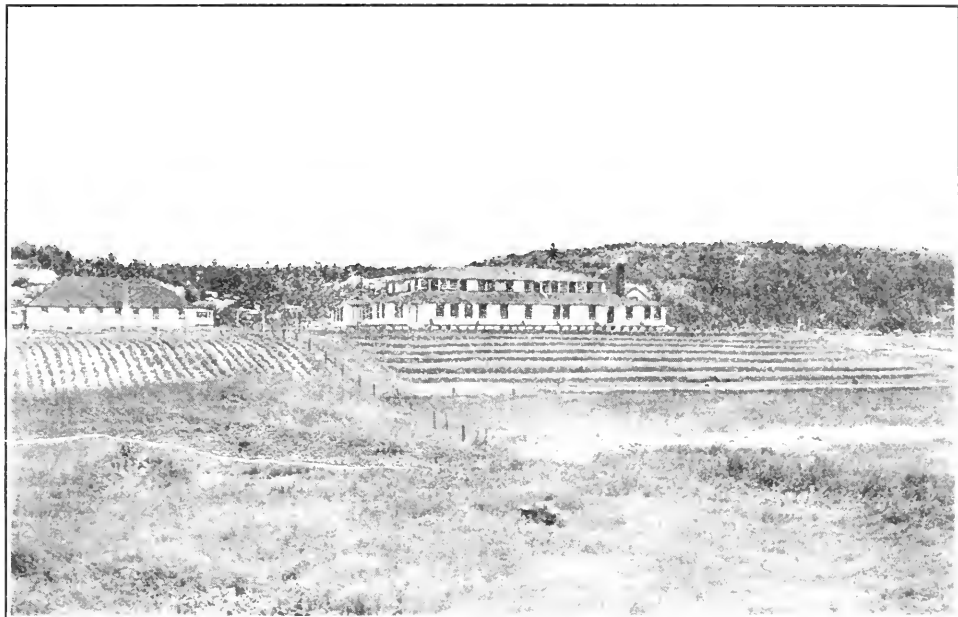
ONTARIO REFORMATORY, GUELPH



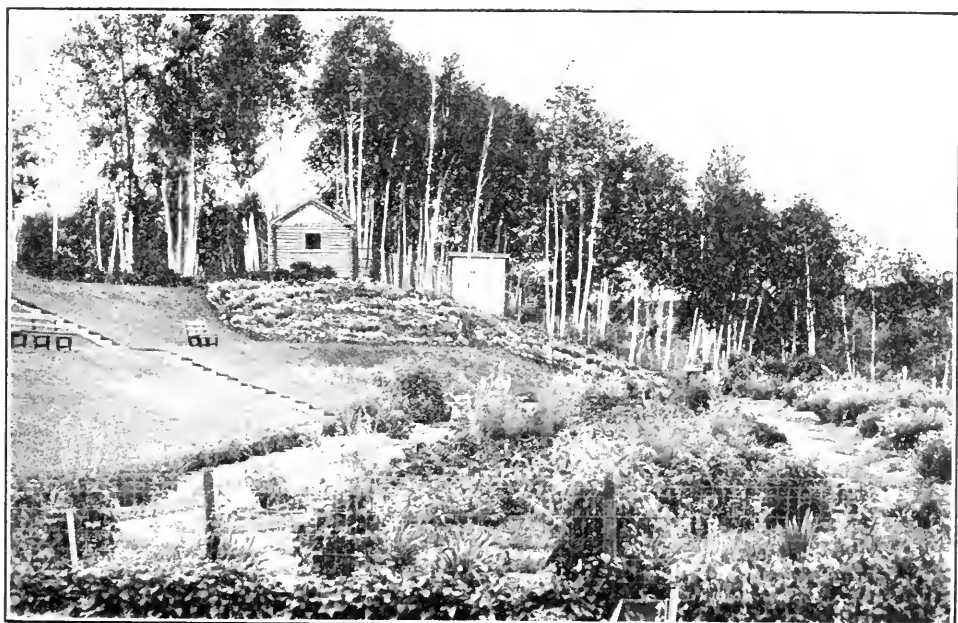
WELLINGTON COUNTY GAOL, GUELPH



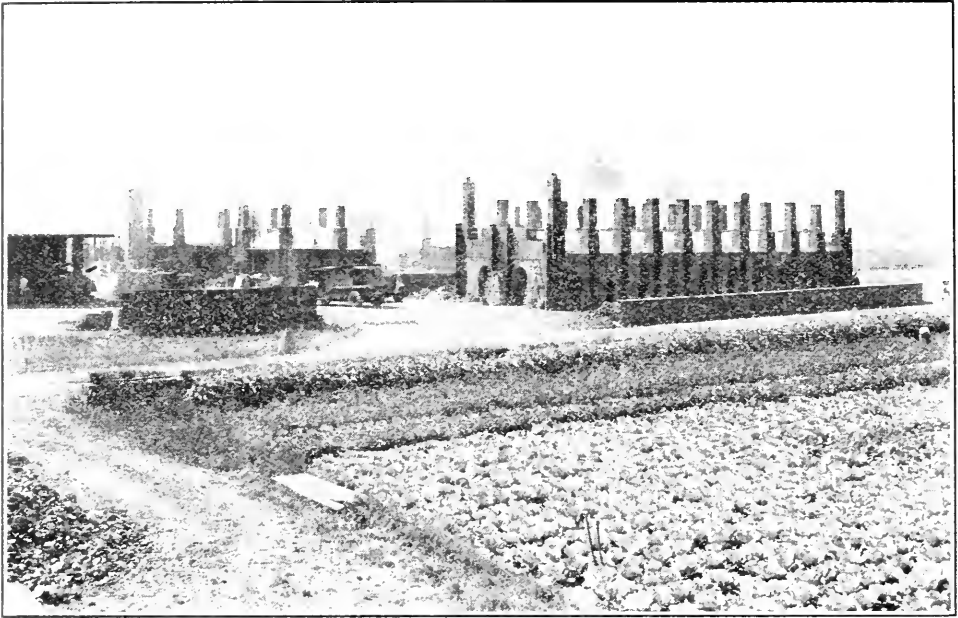
DISTRICT GAOL, KENORA



CAMP 5, INDUSTRIAL FARM, BURWASH  
Housing Accommodation for 100 prisoners.



LANDSCAPE GARDENS, INDUSTRIAL FARM, BURWASH



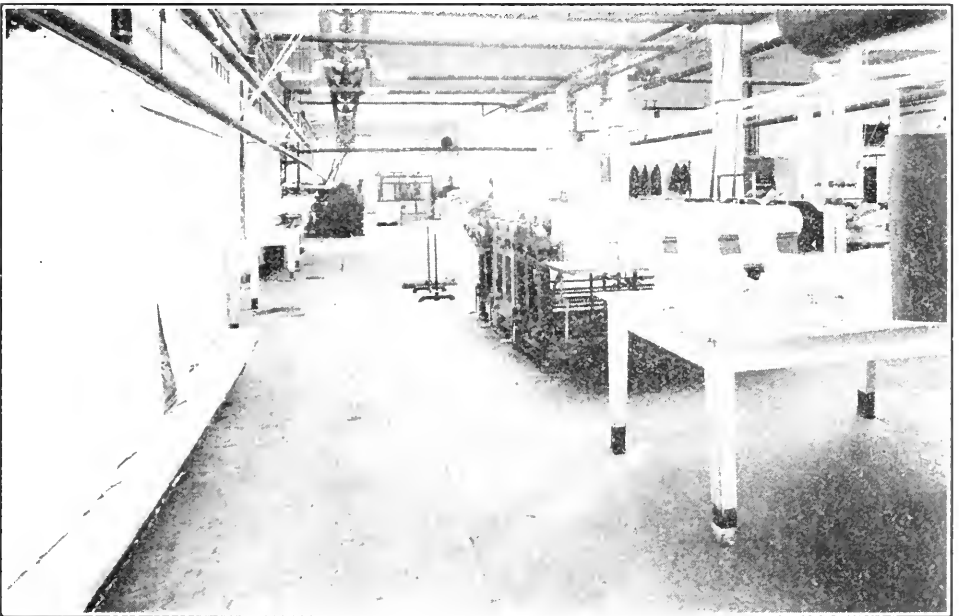
KILNS WITH BRICK AND TILE MILL IN BACKGROUND.  
Ontario Reformatory, Mimico.



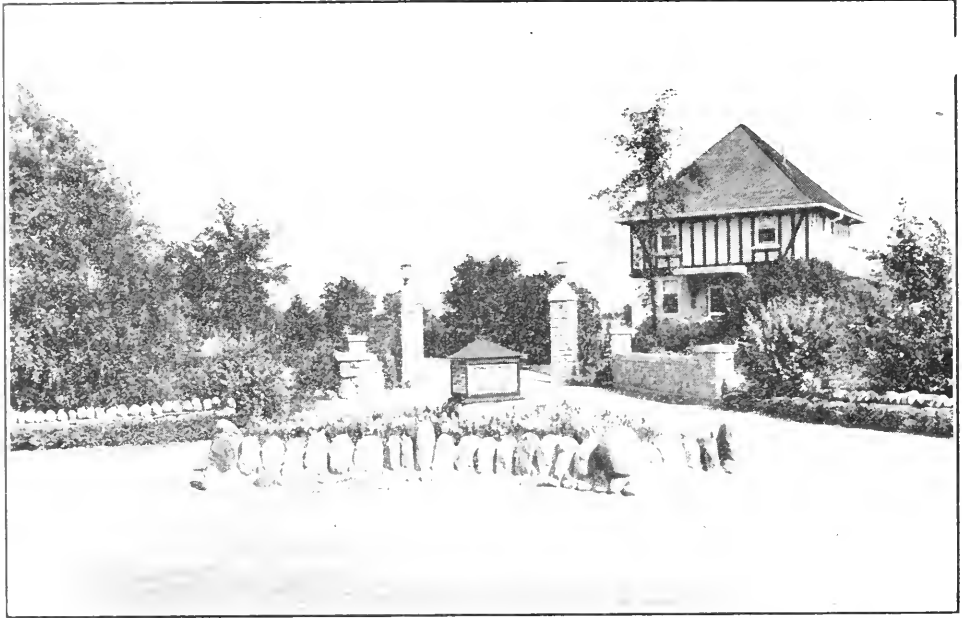
KITCHEN, ANDREW MERCER REFORMATORY, TORONTO



WARD, ANDREW MERCER REFORMATORY, TORONTO



SECTION OF LAUNDRY, ONTARIO REFORMATORY, GUELPH



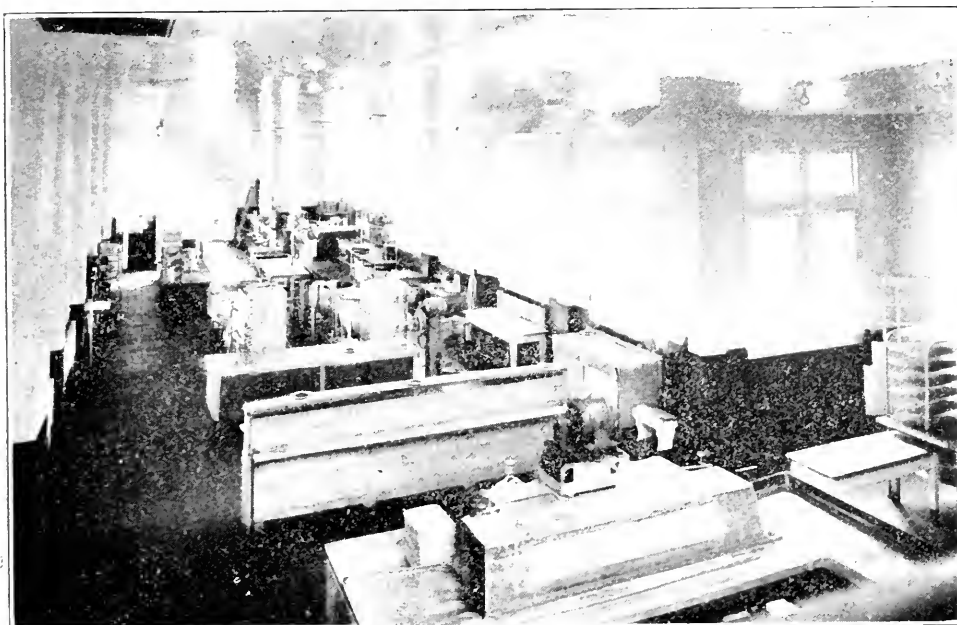
MAIN ENTRANCE, ONTARIO REFORMATORY, GUELPH



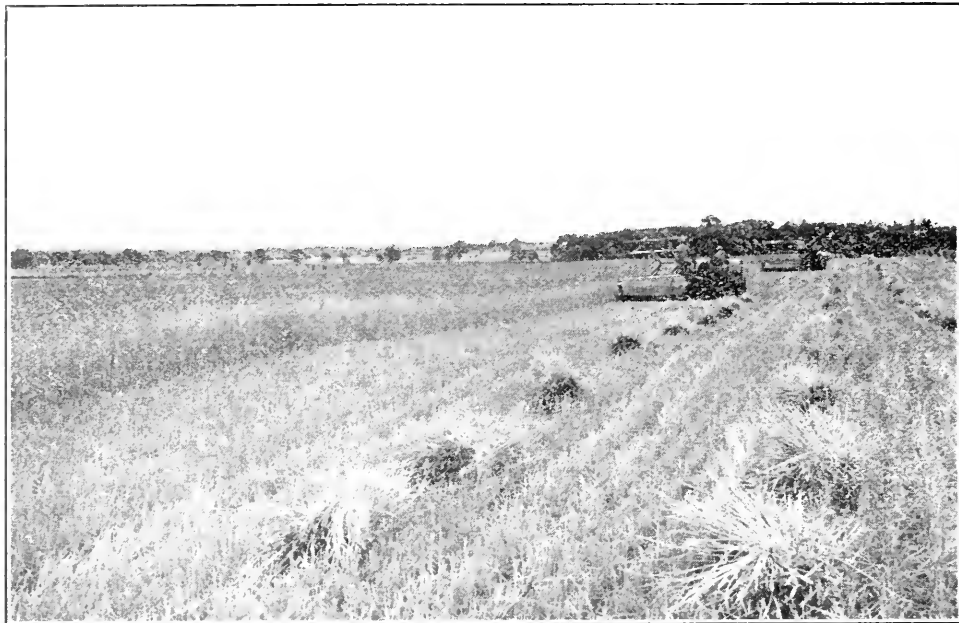
MEDICAL TREATMENT ROOM, ANDREW MERCER REFORMATORY, TORONTO



INDUSTRIAL FARM, LANGSTAFF  
(City of Toronto Property).



SECTION OF KITCHEN, ONTARIO REFORMATORY, GUELPH



HARVESTING WITH PRISON LABOUR, INDUSTRIAL FARM, LANGSTAFF



ONTARIO REFORMATORY, GUELPH  
Section of Landscape Gardens beside Highway No. 7.



TABLE No. 1  
The following table covers the prison population and other statistical information of the Ontario Reformatories for the year 1934.

Name of Institution	Remain- ing in custody on November 1st, 1933.	Number committed during the year	Returned from gaols, reformatories, hospitals, etc.	Parole Violators	Total number in custody	Discharged on expiration of sentence	Discharged by ticket-of-leave	Discharged by Parole Board	Discharged by payment of fines	Discharged by remission of sentence	Discharged by Order-in-Council	Discharged by Minister of Justice	Conditional discharges on bail, etc.	Other reasons	Escaped	Deported	Returned to gaols	Transferred to penitentiaries	Transferred to Hospital for the Insane	Transferred to Provincial Institutions	Released on Writ of Habeas Corpus	Died while in custody	Total number discharged, died, etc.	Number remaining in custody, October 31st, 1934.
Ontario Reformatory, Guelph	651	881	15	13	1,560	384	41	465	6	16	9	15	1	1	3	11	1	4	1	8	3	896	592	
Ontario Reformatory, Mimico	167	315	41	13	539	151	8	123	7	4	6	9	35	4	4	3	14	14	25	25	381	158		
Industrial Farm, Burwash	497	577	4	2	1,080	380	31	175	5	1	1	9	1	1	9	12	8	11	1	4	1	649	431	
Industrial Farm, Fort William	89	259	8		356	267	10	6	3	2	4				1	4	16	11	1			314	42	
Industrial Farm, Langstaff	174	1,399			1,573	1,272	1	15	17	7	79		1			4	7			2		1,406	167	
Mercer Reformatory, Toronto	128	122		1	251	97	1	22	1	1	1		1			1			5	1			129	122
Industrial Farm, Concord	18	51			72	55	1	1	2		1											60	12	
	1,724	3,607	71	29	5,431	2,606	93	807	41	30	100	24	2	37	17	35	46	15	9	40		3,907	1,524	

TABLE No. 2  
SOCIAL CONDITIONS

Name of Institution	Married	Single	Widowed	Divorced	Un-ascertained	Totals
Guelph .....	275	606	.....	.....	.....	881
Burwash .....	166	403	8	.....	.....	577
Mimico .....	124	203	5	2	.....	334
Fort William .....	75	177	7	.....	.....	259
Langstaff .....	509	825	65	.....	.....	1,399
Concord .....	34	9	11*	.....	.....	54
Mercer .....	48	63	8	4	.....	123
	1,231	2,286	104	6	.....	3,627

TABLE No. 3  
EDUCATIONAL STATUS

Name of Institution	Read and Write	Illiterate	Elementary	Totals
Guelph .....	724	102	55	881
Burwash .....	521	56	.....	577
Mimico .....	318	16	.....	334
Fort William .....	259	.....	.....	259
Langstaff .....	1,251	148	.....	1,399
Concord .....	38	16	.....	54
Mercer .....	111	12	.....	123
	3,222	350	55	3,627

TABLE No. 4  
HABITS

Name of Institution	Temperate	Intemperate	Drug Addicts	Un-ascertained	Totals
Guelph .....	653	228	.....	.....	881
Burwash .....	117	433	27	.....	577
Mimico .....	118	213	3	.....	334
Fort William .....	209	50	.....	.....	259
Langstaff .....	876	448	75	.....	1,399
Concord .....	26	28	.....	.....	54
Mercer .....	89	33	1	.....	123
	2,088	1,433	106	.....	3,627

TABLE No. 5  
OCCUPATION OF PRISONERS WHEN COMMITTED

Name of Institution	Agricultural	Commercial	Domestic	Labourers	Mechanics	Professional	No Occupation	Unascertained	Totals
Guelph.....	164	254	15	188	175	62	.....	23	881
Mimico.....	42	44	16	102	127	3	.....	.....	334
Burwash.....	30	46	25	319	143	12	2	.....	577
Fort William.....	72	15	7	112	48	.....	5	.....	259
Langstaff.....	49	283	128	502	416	1	20	.....	1,399
Concord.....	.....	3	49	.....	.....	1	1	.....	54
Mercer.....	.....	4	72	.....	.....	2	45	.....	123
	357	649	312	1,223	909	81	73	23	3,627

TABLE No. 6  
NATIONALITIES

Name of Institution	Canadian-born				United States	Other Nationalities	Unascertained	Totals
	English	Irish	Scottish					
Guelph.....	665	57	15	29	28	87	.....	881
Mimico.....	252	24	8	12	5	33	.....	334
Burwash.....	456	24	5	7	12	73	.....	577
Fort William.....	95	11	5	6	2	140	.....	259
Langstaff.....	849	121	58	107	22	242	.....	1,399
Concord.....	23	4	4	5	5	13	.....	54
Mercer.....	90	9	2	6	5	11	.....	123
	2,430	250	97	172	79	599	.....	3,627

TABLE No. 7  
RELIGIONS

Name of Institution	Anglican	Baptists	United	Presbyterian	Roman Catholic	Other religions	Unascertained	Totals
	Guelph.....	191	64	165	121	298		
Mimico.....	81	13	47	47	123	23	.....	334
Burwash.....	89	26	63	48	292	59	.....	577
Fort William.....	23	3	18	21	134	60	.....	259
Langstaff.....	295	38	142	237	545	142	.....	1,399
Concord.....	11	3	6	7	25	2	.....	54
Mercer.....	34	9	26	7	36	11	.....	123
	724	156	467	488	1,453	339	.....	3,627

TABLE No. 8  
LENGTH OF SENTENCES

Name of Institution	One month (or less)	Two months	Three months	Four months	Five months	Six months	Seven months	Eight months	Nine months	Ten months	Twelve months	Fourteen months	Fifteen months	Sixteen months	Eighteen months	Two years less one day	Two years	Indeterminate	Totals
Guelph.....		4	74	20	1	59	2	1	2		59		1	1	6	20		631	881
Mimico..		4	43	6	1	44	1	1	4		13				1	5		210	334
Burwash.....	20	20	63	7	3	40	4	1	3	1	47	2	4		15	33	1	313	577
Fort William.....	35	76	61	11	14	32			2		17		1		3			7	259
Langstaff.....	750	227	272	60		42			2		7		1					38	1,399
Concord.....	18	7	20	3		4										1		1	54
Mercer.....				2	3	12			3		11					2	3	87	123
	843	338	533	109	22	233	7	3	16	1	154	2	7	1	25	61	4	1,287	3,627

TABLE No. 9  
SHOWING THE AGES OF PRISONERS WHEN COMMITTED

Name of Institution	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 and over	Unascertained	Totals
Guelph.....	225	245	113	82	69	47	33	23	26	9	4	5		881
Mimico.....	40	92	57	46	29	25	17	13	9	6				334
Burwash.....	75	160	93	72	47	52	31	19	15	3	9	1		577
Fort William.....	27	41	58	52	32	22	14	7	3	2	1			259
Langstaff.....	69	163	150	174	159	198	159	105	100	79	35	8		1,399
Concord.....	3	11	3	3	14	5	9	4			2			54
Mercer.....	25	37	20	12	12	14	2		1					123
	464	749	494	441	362	363	265	171	154	99	51	14		3,627

TABLE No. 9a  
CRIMINAL HISTORY OF INMATES AS GIVEN BY FINGER PRINT RECORD  
OR OTHER RELIABLE INFORMATION

Name of Institution	Convicted for first time	Convicted for second time	Convicted for third time	Convicted for more than third time	Unascertained	Total
Guelph.....	639	131	47	64		881
Mimico.....	122	63	38	111		334
Burwash.....	147	75	60	195	100	577
Fort William.....	161	45	14	34		259
Langstaff.....	835	92	79	393		1,399
Concord.....	4	11	23	16		54
Mercer.....	94	15	5	9		123
	2,002	432	266	822	100	3,627

TABLE No. 10a  
CRIMES AGAINST THE PERSON

Name of Institution	Abduction	Abortion	Assault, common	Assault, felonious	Attempted suicide	Cutting, wounding, shooting and stabbing with intent	Manslaughter	Murder	Carnal Knowledge	Rape and Assault with intent	Criminal Negligence	Totals
Guelph.....		1	13	16	2	7	7		18	7		71
Mimico.....			12	3		2	2		2		2	22
Burwash.....			1	45	1	5	1		9	1		63
Fort William.....			11	2	1				1			15
Langstaff.....			25	18		2	1		1			47
Concord.....			3									3
Mercer.....		3	2		2	1						8
		4	67	84	6	17	11		31	8	2	229

TABLE No. 10b  
CRIMES AGAINST PROPERTY

Name of Institution	Arson and Incendiarism	Burglary	Counterfeiting and passing counterfeit money	Destroying and injuring property	Embezzlement	Forgery	Fraud and obtaining money and goods under false pretences	Horse, cattle and sheep stealing	Housebreaking and Robbery	Larceny	Receiving stolen goods	Trespass	Totals
Guelph.....	7	188		1	7	21	37		17	275	27		580
Mimico.....	1	51		2		6	22		3	113	8		206
Burwash.....		1		1		7	26		119	140	15	17	326
Fort William.....						1	9		7	37	6		60
Langstaff.....		16		6		2	40			266	8	2	340
Concord.....							3			5	1		9
Mercer.....						3	6		4	16	1		30
	8	256		10	7	40	143		150	852	66	19	1,551

TABLE No. 10c  
CRIMES AGAINST PUBLIC MORALS AND DECENCY

Name of Institution	Buggery	Bigamy	Indecent assault and exposure	Inmates and fire-quenters of houses of ill-fame	Keepers of houses of ill-fame	Juvenile delinquency	Perjury	Prostitution	Seduction	Incest	Non Support	Totals
Guelph.....	1	2	27			12	9	2	5			58
Mimico.....			3			3	3		1		1	11
Burwash.....	1		10		4	2	1	2	2			22
Fort William.....				1					1			2
Langstaff.....		3	6		2	9	2					22
Concord.....		2		5	4							11
Mercer.....		1		3	7	5		7				23
	2	8	46	9	17	31	15	11	9		1	149

TABLE No. 10 (d)  
CRIMES AGAINST PUBLIC ORDER AND PEACE

Name of Institution	Breach of By-laws (not B.L.C.A.)	Breach of Liquor Control Act	Breach of Peace	Carrying unlawful weapons	Contempt of Court	Drunk and Disorderly (not B.L.C.A.)	Escaping from or obstructing officer	Escaping prison	Gambling	Selling liquor to Indians (not B.L.C.A.)	Threatening and seditious language	Unlawful shooting	Vagrancy	Breach of Narcotic Act	Breach of Excise Act	Total for 10d	Other offences not enumerated	Grand total all crimes
Guelph.....	70	3	3	.....	.....	4	3	1	.....	.....	.....	19	.....	2	18	118	54	881
Mimico.....	34	3	1	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	2	17	75	21	334
Burwash.....	39	2	1	.....	1	1	.....	.....	5	.....	1	39	.....	.....	.....	89	77	577
Fort William.....	73	28	8	.....	.....	15	9	1	.....	5	.....	41	.....	.....	.....	181	2	259
Langstaff.....	272	.....	2	2	431	2	1	19	.....	3	.....	159	.....	.....	.....	891	99	1,399
Concord.....	1	10	.....	.....	.....	13	.....	.....	.....	.....	.....	7	.....	.....	.....	31	.....	54
Mercer.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	35	.....	.....	2	40	22	123
	75	453	11	8	3	461	17	4	21	5	8	3	315	2	37	1,425	275	3,627

TABLE No. 11  
EMPLOYMENT OF PRISONERS ON OCT. 31st

Name of Institution	Industrial	General Internal	No Regular work	Farm and Garden	General External	Totals
Guelph.....	208	128	29	83	144	592
Mimico.....	72	34	1	37	14	158
Burwash.....	171	109	11	79	61	431
Fort William.....	.....	10	.....	20	12	42
Langstaff.....	29	51	11	52	24	167
Concord.....	3	6	.....	.....	3	12
Mercer.....	57	61	.....	4	.....	122
	540	399	52	275	258	1,524

TABLE No. 12  
ESCAPES

Name of Institution	Escaped and Recaptured	Escaped and Evaded Recapture
Guelph.....	9	2
Mimico.....	4	1
Burwash.....	14	9
Fort William.....	3	1
Langstaff.....	4	.....
Concord.....	.....	.....
Mercer.....	.....	.....
	34	13

TABLE No. 13  
OFFICERS AND EMPLOYEES OCT. 31st

	Guelph	Mimico	Burwash	Fort William	Langstaff	Concord	Mercer	Totals
Superintendent.....	1	1	1	1	1	1	1	7
Physicians.....	2	2	2	1	1	1	1	10
Dentists.....	1	1					1	3
Teachers.....	1		2				1	4
Bursars or Stewards.....			1	1	1		1	4
Storekeepers.....	1		1		1			3
Store assistants.....	1							1
Clerks, stenographers, etc...	8		3		1		2	14
Sergeants (day).....	2	1	1	1	1			6
Sergeants (night).....	1	1	1		1			4
Chief attendants.....			1				1	2
Guards (day).....	55	20	57	4	19	1		156
Guards (night).....	17	5	13	2	4			41
Attendants (day).....		1				4	15	20
Attendants (night).....						1	3	4
Kitchen and Dining Room help.....	1		1	1				3
Farmer, gardeners and asst's	2	1	2	2	1		1	9
Engineers and Mechanical help.....	8	5	4		1		6	24
All other employees.....	4	1	8				1	14
	105	39	98	13	32	8	34	329





COMPARATIVE EXPENDITURE AND REVENUE FOR THE TWELVE MONTHS ENDING OCTOBER 31st, 1933  
AND OCTOBER 31st, 1934

Institution	EXPENDITURE				REVENUE			
	October 31, 1933	October 31, 1934	Increase	Decrease	October 31, 1933	October 31, 1934	Increase	Decrease
<b>Ontario Reformatory, Guelph—</b>								
General Maintenance	\$149,969.66	\$164,463.56	\$14,493.90		\$49,036.61	\$38,846.87		\$10,189.74
Repairs to Buildings	17,846.01	20,726.85	2,880.84					
Salaries	140,836.12	137,614.56		\$3,221.56				
Industries	367,048.11	452,666.09	85,617.98		463,523.03	543,571.37	80,048.34	
<b>Ontario Reformatory, Mimico—</b>								
General Maintenance	40,557.37	42,324.79	1,767.42		12,690.45	13,071.55	381.10	
Repairs to Buildings	5,561.27	8,826.89	3,265.62					
Salaries	47,582.83	47,337.10		245.73				
Industries	27,871.08	39,914.58	12,043.50		32,518.20	36,366.10	3,847.90	
<b>Mercer Reformatory, Toronto—</b>								
General Maintenance	28,324.99	27,334.10		990.89	18,481.98	18,164.65		317.33
Repairs to Buildings	9,211.06	9,145.41		65.65				
Salaries	41,053.16	40,813.98		239.18				
Industries	62,831.96	106,935.81	44,103.85		82,129.96	128,847.58	46,717.62	
<b>Industrial Farm, Burwash—</b>								
General Maintenance	142,656.47	153,600.70	10,944.23		57,819.29	65,526.89	7,707.60	
Repairs to Buildings	24,769.58	24,563.38		206.20				
Salaries	130,290.46	127,723.55		2,566.91				
<b>Industrial Farm, Fort William—</b>								
General Maintenance	17,838.28	22,614.94	4,776.66		4,467.86	6,259.80	1,791.94	
Repairs to Buildings	6,294.24	5,776.48		517.76				
Salaries	17,273.75	18,799.96	1,526.21					
	\$1,277,816.40	\$1,451,182.73	\$181,420.21	\$ 8,053.88	\$720,667.38	\$850,654.81	\$140,494.50	\$ 10,507.07

# Reformatories

## ONTARIO REFORMATORY, GUELPH.

ANNUAL REPORT FOR THE FISCAL YEAR ENDING 31ST OCTOBER, 1934.

SIR:

I have the honour to submit the annual report and the accompanying tabulation of custodial statistics.

Dispassionate consideration appraises the Ontario reformatory and industrial farm system as a bulwark against crime, a strong link in the chain of reform, a fruitful means of teaching citizenship, real social service and a sound public investment.

Steady application characterized the services and work performed at Guelph during the past year, directed through further intense study and the co-operation of the Department, and aided by the Ontario Parole Board and the growing intelligence of public interest and more active support. Periodical reviews recall the many young lives redirected, human wrecks salvaged and unfortunates reclaimed, and withal the consciousness, more than belief, that by united interest and effort the purpose of the institution is made effective.

There are few unusual features and no single outstanding achievement to record. An exhaustive analysis would be largely repetition in form and matter, and a précis, as follows, and the few additional observations, may suffice to indicate the recent trend and convey a fairly accurate impression of operations for the fiscal period; fewer admittances, further substantial decrease in daily average population; comparatively more paroles, more jobs, very few parole violators returned; fewer long sentences, higher percentage of first offenders, noticeable change in the character of the inmate body; discipline good, few punishments necessary; good health, no influenza epidemic; better education results; a hard gruelling winter, adequate work for all classes of inmates; good farm crops, excepting hay, and increase in the total value of recoveries and sales of industrial products.

Following are statistical comparisons:

	1934	1933	1932	1931	1930
Daily average population. . . . .	607	724	775	659	583
Admittances . . . . .	909	958	1236	1209	1055
Indeterminate sentences . . . . .	631	697	841	850	754
Convictions, number:					
first . . . . .	639	611	823	853	647
second . . . . .	131	145	199	188	155
three or more . . . . .	111	188	191	144	230
Convictions percentage:					
first . . . . .	73	65	68	72	63
second . . . . .	15	15	16	16	15
three or more . . . . .	12	20	16	12	22
Ages, percentage:					
under 30 years . . . . .	66	63	63	63	64
under 25 years . . . . .	53	49	46	50	50
under 20 years . . . . .	26	25	22	25	27
Releases . . . . .	968	1055	1100	1168	945
Discharged at expiry . . . . .	384	449	455	391	420
Ontario Parole . . . . .	465	439	450	364	312
Extra-Mural Permit . . . . .	...	...	65	157	153
Dominion remissions . . . . .	56	110	37	26	23
Ontario Paroles, percentage . . . . .	48	42	41	31	33

It is gratifying to notice some decrease in the number of long sentences. Comparatively more offenders received the maximum indeterminate sentence, but only 42 admittances received total sentences of 3 to 4 years, as compared with 128 in 1932, which was a hard year for sentences. Long sentences make difficult or nullify much reformatory effort, but the inequalities of various sentences cause more grievance, bitterness and trouble. One cannot fail to notice harsh penalties for trivial offences, many of them imposed on first offenders and promising boys, as compared with the lesser sentences passed for serious crimes committed by men of experience; the reasons therefor, whatever they may be, are beyond the institutional mind to fathom.

The number and percentage of first offenders increased but the decrease in the number and proportion of admittances with three or more convictions, as compared with previous years, is far more significant. Other factors too affect the character of the inmate body. The hardened, scheming and callous types of criminals constitute the small but dangerous ingredient and disturbing element. Mild repeaters are a steadying influence because most of them are useful and industrious and have learned to appreciate impartially enforced discipline as well as privileges. Many young first offenders are products of the depression period; their knowledge and experience are limited. Some are sullen, slovenly and mentally inert, their ideas of manners and respect only rudimentary—appalling examples of the lethargy and the rotting of youthful energy caused by deplorable economic conditions. Consequently it requires far more thought, patience, and action to educate them.

Work records and the statements of production, sales and finances compare favourably with previous years, and indicate that the farm and industrial business received due consideration.

Underdrainage of the orchard was completed. Elsewhere on the farm 1,000 feet of tile were laid and a further 2,640 feet were lifted, cleaned and relaid, from which resulted the dual benefit of increased production of corn and the diversion of additional water to the reservoir. Farm crops showed improvement. A large acreage of hay was winter killed, reducing the crop by 200 tons. This however was more than offset by plowing and sowing of substitute crops and the increases of 342 tons of corn and other ensilage, 132 tons of good roots and 100 tons of potatoes. In value crop recovery showed a very slight decrease compared with the previous year, due to the lower prices computed and charged for potatoes and roots. Sales of livestock at higher prices showed an increase of nearly \$3,000.00, and milk showed a gain of over \$1,000.00. Altogether the increase in farm recovery totalled \$3,536.00.

The Dairy added to its noteworthy records. The fine institution herd of pure-bred Holstein cows has been the subject of inspection and favourable comment by many interested visitors. Several more certificates in the 365-day division of the Canadian R.O.P. were completed, and poor producers gradually weeded out without reducing the regular milk supply. The Holstein-Friesian Association of Canada published a report which stated in part: "The Ontario Reformatory has recently qualified ten Holstein cows and heifers with the splendid average production of 15,432 lbs. of milk and 661.50 lbs. of butter. 'Segis Abbekerik Madeline', mature, led the group with a yield of 20,737 lbs. of milk containing 853.75 lbs. of butter", (for the year, milked twice daily) as against 12,000 lbs. milk and

408 lbs. fat.—the required class production for registration. In competition with Holsteins owned by prominent breeders in this and other provinces, the institution was placed 1st and 14th in a class of 176 two-year-olds and 1st, 8th, 10th and 11th in the mature class of 32 cows.

Industrial production and inventories show reasonable fluctuations in volume. Total value of sales' invoices shows an increase of \$36,567.00, but this however is more than accounted for by the higher prices of purchased materials. All industrial departments functioned satisfactorily, fulfilling the primary object of providing useful and diversified work and affording opportunity for the practical training of inmates in various vocational pursuits.

Following are comparative totals of farm and other recoveries and industrial sales' invoices:

1934	1933	1932
\$573,744.45	\$547,465.06	\$619,097.65

A clear bill and healthy condition is found in the statement of expenditure and revenue. Maintenance and repairs, excluding salaries, show an increase of \$17,566.18. Part of this expenditure was incurred in 1933, approximately \$18,000.00, and \$14,000.00 for 1935 coal supply was paid in October. It is noted also that at the end of the year all purchases and other expenses were paid for, leaving no carry-over. Industrial expenditure showed an increase of \$85,617.98, due to higher commodity prices, as already stated, particularly the Abattoir and Cannery purchases, and extra material required for operations in the Auto Markers', Machine and Tailor Shops. Industrial revenue showed a corresponding increase of \$80,048.34, which exceeds current sales by \$16,339.32.

Following are comparative costs:

	1934	1933	1932	1931	1930
Meals . . . . .	9.60c.	8.14c.	8.75c.	10.80c.	11.73c.
Per capita . . . . .	87.54c.	59.18c.	73.60c.	91.74c.	\$1.10

I venture to repeat the recommendation to institute physical training under a drill instructor. Such training is fundamentally sound. Inmates on inside work, such as in the kitchen, tailor shop, woollen mill and the school have little opportunity for exercise and fresh air, particularly during long periods of inclement weather. In some cases the confinement and routine are irksome and they get stale and lose interest. It is only natural that many fellows seek relief in the form of physical and open-air activity and the majority are sincere in their expressed preference to face the rigours of winter and the rather monotonous grind of outside labour in the swamp. A simple plan is feasible, to drill and otherwise exercise companies of 50 to 100 men about one hour per day in the yard. It would I believe be a boon to many youths who have formed the habit of slouching around with hands in their trousers' pockets, improve them physically and mentally, teach discipline, orderliness and respect, provide some form of **needful** and real recreation during the winter months, create healthy competition and add zest to the day's work.

Some time ago the Ontario Parole Board invited certain magistrates and police executives to attend a few of its meetings. The results demonstrated the desirability of mutual understanding, confidence and co-operation. Last year the institution received brief courtesy calls from only one magistrate and one chief constable. May I suggest that through official channels more opportunities

be provided and definite invitations be extended to those occupying important key positions to inspect the institution and discuss current problems.

Sane development has proven the vision and wisdom of allowing citizens to freely visit and inspect the institution. Dark places and the sinister aspect repel, cause doubt, or invite only morbid curiosity. The wide-open policy is an incentive and provides a safety valve. It would be dangerous and misleading however to regard the Reformatory with its landscape gardens and other attractions as merely a show place and not stress its serious purpose and the object of the business in hand. Such an effort is made, and discussion with many visitors, talks to delegations, as well as public addresses to various organizations, provide further means to correctly inform the public of the work done and the united effort which is necessary to ensure continued success and progress.

It is not unfitting, nor belated, I hope, to more formally confirm through this medium the spontaneous welcome extended to the Minister, the Hon. H. C. Nixon. He has the unique distinction of returning and with added lustre to again accept the important portfolio of Provincial Secretary. Mr. Nixon may be confidently assured of loyal service from employees of the institution, many of whom can recall that Guelph was reopened and effectively reorganized under his former regime and direction.

In briefly recording further appreciation, I desire to commend officers for their faithful and arduous services, tender sincere tribute to officials of the Department, other departments and institutions, and many citizens and the represented organizations for their courtesy and co-operation, gratefully acknowledge the personal visits and wholesome interest of the former Minister, Hon. G. H. Chalmers, during his tenure of office, and thank you, Sir, for your continued and un-failing encouragement and counsel.

I have the honour to be, Sir,

Your obedient servant,

J. HUNTER,  
*Superintendent.*

C. F. NEELANDS, ESQ.,  
*Deputy Provincial Secretary,*  
Parliament Buildings,  
Toronto, Ontario.

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## THE ONTARIO BRICK AND TILE PLANT, MIMICO.

DECEMBER 31ST, 1934.

DEAR SIR:

I beg to submit the annual report and per capita cost statement for the year ending October 31st, 1934.

Throughout the year, despite difficult conditions, discipline was good except for a few agitators, who caused some trouble. The majority of inmates were loyal and manly and refused to be led by the ex-Kingston men who are here and who are our main source of trouble. Such cases as these could be more adequately dealt with if we had a small cell block. Separating these types of inmates would have a great bearing on the discipline and moral of the remaining population.

During the year five inmates escaped, four have been recaptured and are now serving additional terms. One of these four was a trusty with but a few months to serve.

Considerable improvement has been made in the medical care of the inmates by the appointment of a Medical Officer. Thus we are now in a position to treat practically any case that might occur at the institution.

On August 3rd, last, we suffered the loss of our barns by fire, the cow and horse barns being totally destroyed, while considerable damage was done to the piggery. Since that time a new barn has been erected and the piggery completely repaired. A temporary horse stable has been provided in the end of the cow barn by the erection of a partition. Stalls and other stabling have been placed in this section. I would like to express our appreciation to Mr. A. M. Orpen, who placed at our disposal the barns of the Long Branch Race Track, these meeting the emergency.

Several changes have been made in the industrial department, a hammer mill was added to our equipment to replace the old dry pan method of grinding clay. The old type coal dryers have been replaced with steam type. These increase the efficiency of the Plant and operate more economically than the former type. A new type tile shingle has been developed and is now being marketed.

Our farm made a very good showing this year, the recoveries being slightly higher than last year. The farm expenses were also higher but this is accounted for by the fire loss referred to above.

Our per capita cost statement is attached and you will note that the cost is slightly above that of last year. This is accounted for by the advance in commodity prices and the decrease in population.

I wish to express my appreciation to the Salvation Army, Mr. Hayhoe of the Plymouth Brethren and Father McGrath for the interest they have taken in the Spiritual welfare of the inmates.

In conclusion, I wish also to thank the different members of the Department and the officers and staff of this institution for the loyal support I have received during the year.

I have the honour to be, Sir,

Your obedient servant,

J. R. ELLIOTT,

*Superintendent.*

C. F. NEELANDS, ESQ.,  
*Deputy Provincial Secretary,*  
Parliament Buildings,  
Toronto, Ontario.

## THE INDUSTRIAL FARM, BURWASH.

DECEMBER 13, 1934.

DEAR SIR:

I beg to submit the Annual Statistical Report for the year ending October 31, 1934.

It is very gratifying to note that our population is down considerably from last year. Possibly one of the reasons for this is that there are more men working on relief projects than was the case last year. There has been very little discontent among the inmates. Discipline, generally, has been good; particularly so, when living conditions are taken into consideration at the Main Camp, which is in a very bad state of repair. Only absolute necessary repairs have been made as this Camp is about to be discarded. It is pleasing to know that the Department has decided to speed up the construction of the new Institution.

*Re Water Supply.* It is regrettable that our water supply at the Main Camp has been unsatisfactory during the past year, and it is very necessary that some project be decided which will ensure us good water. From tests that have been made over the last two years, it seems that the solution would be to bring the water from the Wahnipitae River. No doubt, this will be remedied during the ensuing year.

*Re Lumbering.* This Department has been quite successfully operated during the past year, although we found it was not necessary to take out as much lumber as in former years, as we did not wish to load up our lumber yard to too great an extent. We were able to saw approximately one-half million feet of lumber of all kinds, in addition to taking out several hundred cedar poles for the new Power Line, and extension of the Elk Range.

*Re Farm and Vegetable Crop.* Through the past year our crops were fairly good, particularly so when the dry Spring and early Summer are taken into consideration. We were able to harvest 8,000 bushels of potatoes, which I believe, is the largest crop of this kind ever grown at this Institution. We were not able to spend as much time on the land as we would have liked to, owing to the large number of men used on excavations, and construction of the new buildings.

*Re Medical Department.* This Department is directed very efficiently by Dr. Malowney and his assistant Dr. Wilson. No doubt, it is due to the keen interest they take in their work that we owe the good health condition of the inmates and the Institution generally.

*Re Buildings.* In addition to keeping up the repairs of the Institution and Buildings, generally, we have been able to build a new Logging Camp to house thirty men. This is situated on the western side of the property and will greatly facilitate the work for years to come.

In closing I wish to take this opportunity of thanking the Salvation Army Officers, the Rev. Father McInerney, and the Rev. Mr. Bruce for the splendid work which they have carried on during the past year.

I also wish to sincerely thank the Officers of the Department, and particularly so, yourself, for the wonderful co-operation and advice which I have received.

I can assure you, this has meant much to all the Officers of this Institution and myself, particularly as we are isolated to a certain extent.

I have the honour, Sir, to be,

Your obedient servant.

N. S. OLIVER,  
*Superintendent.*

C. F. NEELANDS, ESQ.,  
*Deputy Provincial Secretary,*  
Parliament Buildings,  
Toronto, Ontario.

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### THE INDUSTRIAL FARM, FORT WILLIAM.

NOVEMBER 10, 1934.

DEAR SIR:

I have the honour of presenting to you the Annual Report for the Industrial Farm, Fort William, for the year ending October 31, 1934.

There was a slight increase in total days' stay over the previous year. This was caused by a large number of strikers in the pulpwood industry who were incarcerated last December, otherwise a decided decrease would have been evident. The population during the last half of the year was the lowest for several years. Very active development in the mining areas in North Western Ontario has had its influence.

During the period under review we have been successful in the instituting of complete segregation of the first offenders from the second and third offenders. The results have been extremely gratifying, in that we can see definite results from our reformation methods among the first offenders especially. I am firmly convinced that first offenders are seldom criminals at heart. In most cases the first crime is caused by the influence of bad company or done for excitement, not realizing the consequence. In the case of teen aged boys, the first offence may be the result of restlessness and idleness because of lack of employment opportunities. Considering the increasing number of young men finishing High School and not finding work of any kind, it speaks well for the home, Service Clubs, and Churches, that there are not more boys in crime.

Much stress has been laid on the importance of every inmate doing a good day's work. The result of hard work is generally good conduct. Regular hours, coupled with wholesome food and firm discipline, have been the methods used in our reformation efforts. The Officers have been required to be good moral examples to the Inmates, and their general efficiency as a result has improved. A note of enthusiasm is evident in the more important phase of our work, that of



reformation. The work, therefore, has been vitally interesting in building up human beings to take their places as good citizens.

During the winter months we had three voluntary Night Classes a week with an attendance of nearly 60% of the population. The primary class for foreigners, teaching them the three R's in the English language. An advanced class was held for the men who had not gone further than the Public School in this country. The teachers were Inmates with High School training, and the Inmate students were very attentive.

The discipline during the past year was good and a steady improvement evident. Splendid co-operation was given by all members of the Staff and more efficiency is being gained by added experience.

The health of the Institution was generally good, due largely to the thorough medical attention by Dr. R. McTavish. Every effort was made to isolate Inmates with common colds, and as a result there was a decrease in lost time through sickness. There were no deaths or epidemics of any kind.

Due to the low population during the last half of the year little new development work was accomplished. A new Pump House was built and the construction of an extension sewage filter is under way.

The field and garden crops were a little below last year on account of a backward growing season. The root, hay and garden crops were sufficient for our requirements, but the grain crops were not up to expectations.

Last January the Dairy Herd was entered in the R.O.P. Test. The cows have not yet completed the 365 days for production period, but two qualified in seven and a half months. Practically all cows placed on test will qualify in production. This work has been very interesting not only to the Institution, but to many visitors from the cities and surrounding district.

There is a general public interest being shown in the agricultural development of the District, sponsored mainly by the Chambers of Commerce of Fort William and Port Arthur, Service Clubs and Rural Organizations. During the year quite a number of farmers from the drought areas of Western Canada settled in the district. This Institution gave, as usual, as much assistance as possible to the following organizations; The Thunder Bay Branch of the Experimental Union; The Thunder Bay Seed Producers' Association; The Slate River Branch of the Ontario Plowmen's Association; The Fort William Municipal League, and the Canadian Lake Head Exhibition.

The annual Farmers' Field Day and Picnic was held in August. Over 1,200 people gathered to inspect the farm crops and live stock. A plowing demonstration was given in conjunction with the Slate River Plowmen's Association. Field sports were held and the championship ball games played off by the Junior Farmers Clubs fostered by the Ontario Department of Agriculture and the Port Arthur and Fort William Kiwanis Club.

The untiring work of the Rev. D. McIvor and the Salvation Army Officers is greatly appreciated, not only do they hold the Sunday services, but help in the re-establishing of men on Parole and after their discharge.

Concluding I desire to thank you, Sir, for your assistance and counsel, and for the splendid co-operation of the Officers of your Department.

I have the honour to be, Sir,

Your obedient servant,

H. U. WESTERN,

*Superintendent.*

C. F. NEELANDS, ESQ.,  
*Deputy Provincial Secretary,*  
Parliament Buildings,  
Toronto, Ontario.

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### MERCER REFORMATORY.

JANUARY 1, 1935.

DEAR SIR:

I beg to submit to you herewith the statistical report of the Andrew Mercer Reformatory for the year ending October 31, 1934.

The number committed to this Institution during the year was 123 (including 1 parole violator), and of these 101 were admitted here for the first time, although some of them had served terms in other Institutions.

We are glad to be able to report that there was no case of serious illness, and no epidemic; the keen vigilance on the part of our graduate nurse precludes the easy spread of infection. From the time of their admission until they leave, the most careful medical and dental services are given the inmates. The physical health of our women is considered to be of paramount importance, believing, as we do, that there is truth in the adage "a sound mind in a sound body". In the disposition of the really mental cases we are grateful to the Department for the quick response always given to a request for a psychiatrist to examine these mentally sick ones and for the transfer, when necessary, to an Ontario Hospital.

The babies, of whom at present there are 15, are housed in light, airy nurseries, and their healthy progress attests sufficiently the wise regime of our nurse. There are sheltered verandahs on which the babies, all most snugly wrapped in winter, are put out to sleep during the day and, should the temperature fall so very low that it is thought unsafe for them to be outside, they voice their objection in no uncertain manner. Prospective mothers are sent for confinement to the Toronto General Hospital so that the babies are spared at least the stigma of being born in a penal institution. The usual length of time a mother is kept in hospital after the birth of her child is two weeks and then she is brought back here with her babe, to be convalescent for another two weeks' period. The mothers are trained to care for their babies, thinking especially of the time when they will leave this shelter. In cases where the mothers are obviously unfit and where the home conditions are unfavourable, the assistance of the Children's Aid Society is solicited and most readily given.

For the past several months home-nursing classes, very kindly arranged by the Red Cross Society, have been held two evenings each week. The enthusiasm the girls at once showed in these lessons does not diminish in the least as the classes

proceed, and the teachers who so generously give their services are delighted with the eager interest and anxiety to learn, that are evident in the pupils. We feel that these classes are a great aid in reformatory work as, in their practical side, they bring out the best in the girls by making them realize that they can help others, thus giving them a sense of responsibility and usefulness which we hope will have lasting effects.

From the inmates' family histories it is only too apparent that conditions for the greater part are sadly lacking in the essentials of happy and united home life. In such cases it is not to be wondered that the children get the wrong slant on life, and make poor citizens. To set them right is the great objective.

The factory continues to give desirable constructive training, and many girls become expert operators, taking pride in the quality and quantity of articles they are able to make. All who are able to work are kept busy and given instruction during the day, whether in factory, laundry, dining-room, kitchen, bake-shop, sewing-room or at housework.

The recreation of the girls is carefully looked after, and when the weather permits they have their games outdoors. They greatly enjoy the concerts given here by the various church organizations, also those in which they themselves take part. Included in her duties besides the teaching of the illiterate, etc., our capable teacher has charge of the library and at regular intervals she obtains fresh supplies of suitable books which are abundantly read and appreciated.

The discipline was well maintained throughout the year, only minor misdemeanours having to be dealt with. It sometimes seemed as though the desire to be the centre of attention made some girls wish to create a disturbance, but the result must have been disappointing to them.

We gratefully acknowledge the splendid service rendered in the spiritual care of the inmates which is so faithfully given by the Rev. Father Sharp of St. Michael's College, the Rev. P. R. Soanes, Anglican Chaplain, Mrs. Watt and her excellent staff of Sunday School teachers, the Salvation Army, and the Evangelists who conduct the Sunday afternoon services.

In conclusion, may I sincerely thank you, Sir, for your very kind support and helpful advice during the year. I wish also to express my gratitude to the officials of your Department for their co-operation, and to the staff here for willing and loyal service.

I have the honour to be, Sir,

Your obedient servant,

LETITIA SCOTT,  
*Superintendent*  
(per C.B.K.).

C. F. NEELANDS, ESQ.,  
*Deputy Provincial Secretary.*  
Parliament Buildings,  
Toronto, Ontario.

## TORONTO MUNICIPAL FARM FOR WOMEN

CONCORD, ONTARIO

NOVEMBER 12TH, 1934.

DEAR SIR:

I beg to present the Annual Report for the Fiscal year, which closed on October 31st.

The enclosed Statistical Table shows there were sixty discharges and fifty-four admissions during 1933-34.

There has been a gradual but marked decline in the number of persons committed to this Institution during the last four years. This condition is due, in part at least, to the relief, which has been granted, both by Government and City to the army of unemployed. Many an unworthy "repeater", who is unemployable at any time, has shared the same consideration, as the honest, hard-working citizen, who is compelled to accept relief, on account of existing conditions. This, of course, cannot be avoided at present.

First offenders are frequently given a period of Probation by the Court, which is considered a better plan than passing a Jail sentence, especially, when dealing with female delinquents.

The daily average has been low, consequently, we were unable to accomplish as much outside garden work, as in previous years.

We gratefully acknowledge the kindly interest shown by The Church Army, The Sisters of St. John, Rev. Father Malone, and the Officers of the Salvation Army, all of whom are glad to lend a helping hand to those in distress.

We also wish to express sincere thanks to you, Sir, and the Officers of the Department, for the courtesy shown us at all times; also to the Board of Control and the Property Commissioner, we extend our gratitude and appreciation for the efforts which have been made, to find a solution to the problems which have arisen throughout the year.

I have the honour to be, Sir,

Your obedient servant,

MARGARET M. CARSON,

*Superintendent.*

C. F. NEELANDS, ESQ.,

*Deputy Provincial Secretary,*

Parliament Buildings,

Toronto, Ontario.

## TORONTO MUNICIPAL FARM,

LANGSTAFF, ONT.,

NOVEMBER 30, 1934.

DEAR SIR:

May I present herewith for your information the Statistical Records of this Institution for the year ending October 31, 1934.

A total decrease in population to the extent of 200 has brought our numerical strength to the lowest on record since 1914. It is still felt that this is very largely due to the increased relief provided by the City of Toronto, which, although a dire necessity under present conditions, has the unfortunate tendency to condone indolence and to make provision for those who, in normal times, rather than earn a livelihood by honest endeavour preferred to risk imprisonment and live by their wits. There is no doubt that lack of discipline, indolence and crime are very closely related and in an Institution of this kind it is astounding to learn what a large percentage of men committed have a very pronounced abhorrence for work of any kind requiring physical exertion. Some of this class of inmate will take great risks in an effort to gain admission to the Hospital Ward or even to be placed on the light duty list. They are experts at feigning illness and are ever ready to magnify the slightest ailment in the hope that they may attain their object. To re-open old wounds; to eat soap; to sham drowning, to risk the serious results of septic poisoning by applying irritants to wounds and to inflict themselves with severe pain and discomfort in various other ways are considered well worth while by some in their one great desire—to evade work at any price. It is not uncommon to hear from some that they have never worked and have no intention of ever doing so. It is not often, however, that such frankness is met with. Such cases present endless difficulties both from a medical and corrective standpoint. They must first of all be given every consideration and treated for their condition, whether self-inflicted or natural. They must be kept under as close observation as possible to prevent them from prolonging their period of illness and if it is conclusive that such illness has been self-imposed the patient must be acquainted with these conclusions as early as possible. Of this type it has been possible by persistent endeavour to convince some of the futility of their attitude and to see these individuals gradually applying themselves to their old enemy and feeling much more happy because of it. It is reasonable, therefore, to believe that such men have considerably benefitted by their imprisonment and that they become better citizens when released.

It must be remembered, of course, that the foregoing applies only to a percentage of the total population and that there are also reasonably industrious men committed to prison, mostly perhaps, because of a desire to live beyond the limits of their power of earning. In this Institution such men are in the minority and give considerably less trouble in every way. Generally speaking they are less inclined to become recidivists. They feel more acutely the deprivation of freedom even than the undisciplined because, for the most part, they are more alert, of higher intelligence and more sensitive. One week's imprisonment to this type of man is equal to at least one month to the type previously mentioned. And yet this cannot be given but scant consideration, if any, at the time of trial or the individual possessing the highest intelligence test would be given the shortest term

whereas in actual practice it would be more reasonable to increase his sentence because of his greater intelligence and his keener sense of recognizing the necessity of law and order.

The work of the Institution during the year has been along the lines of previous years, viz., general farm work, grading, underdraining, bush clearing, truck garden, landscaping, road building, concrete block making, transplanting mature trees.

Crops generally were very good with the exception of pasture, of which there was an early shortage. Field crops totalling \$13,260.00 in value were harvested from 720 acres under cultivation. The garden produced vegetables to the value of \$3,200.00. An experiment in the growing of sweet potatoes proved quite successful and it is expected that more will be grown in future. Two valuable Greenhouses were acquired during the year. These houses, 80' x 40', were removed from Casa Loma Estate to the present site and re-erected. They provide a necessary adjunct to the garden development and will be very much appreciated in the early spring.

The accredited herd is gradually being built up and now totals 70 head.

Last winter three members of the staff qualified in First Aid to the injured and a further class of 18 is under way at present. This is considered a necessary qualification for all guards and all members of the custodial Staff will be required to take the course eventually. The Officers of this Institution have worked hard and long during the past year and great credit is due them for the manner in which they have carried out their trying duties and contributed towards the success of the period under review.

The health of the inmates has been good. There was no deaths nor serious accidents. Three inmates attempted to escape, one escaped but was a little later re-arrested. With a few exceptions conduct has been good and discipline well observed.

Religious services have been held regularly throughout the year by the Roman Catholic Church, The Church of England and the Salvation Army. Religious Literature has been provided by the Church of Christ Scientist. The services have been well attended and our grateful thanks are due to those who have worked in the spiritual interest of the inmates, viz., Fathers Kane and Malone, Major Bunton and Captain Mason. We regret losing the services of Mrs. Commissioner Hay of the Salvation Army. The services of this little lady were highly valued and her personality will be greatly missed. To the Sportsmen's Patriotic Association, to The Robert Simpson Co. and the T. Eaton Co. our thanks are due for providing entertainment during the past winter.

To you, Sir, and to the Property Commissioner, may we again tender our thanks for the assistance and co-operation extended, also to Officials of each Department who have been eager to assist at all times.

Yours truly,

G. HEDLEY BASHER,  
*Superintendent.*

C. F. NEELANDS, ESQ.,  
*Deputy Provincial Secretary,*  
Parliament Buildings,  
Toronto, Ontario.

# Board of Parole

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## THE ANNUAL REPORT OF THE ONTARIO BOARD OF PAROLE

FOR THE YEAR ENDING OCTOBER 31ST, 1934.

It is the duty of the Ontario Parole Board to enquire from time to time into the cases of prisoners sentenced to the Ontario Reformatory, the Andrew Mercer Reformatory or any Industrial Farm, and it has authority to parole prisoners serving indeterminate sentences in these Institutions.

Upon the admission of such a prisoner to one of these Institutions, the Superintendent sends all the information available regarding the prisoner and his case to the official who is the Secretary and Chief Officer of the Parole Board. This information includes the facts respecting the offence committed, the sentence given, the name of the Magistrate, previous record, as far as it is available at that time, the name and address of near relatives and information regarding prospective employment in case parole is granted during the sentence. The Parole Officer obtains a report from the Court which passed sentence and ascertains and investigates the past history of the prisoner.

The prisoner is listed for a personal appearance before the Board and a hearing at a date prior to the termination of the definite portion of his sentence. Immediately before the date of that hearing the Parole Officer summarizes the prisoner's file and when the Board meets and is ready to deal with the case this summary and the report from the Court are read. The prisoner is brought before the Board and seated with the members at a table, answers the questions which are asked and has an opportunity to present any statement which he wishes to make.

After his departure from the hearing the members of the Board with all the facts before them and with the impression made by the personal interview with the prisoner confer regarding the probabilities of the prisoner having learned his lesson and the likelihood of him becoming a good citizen and decide respecting his case. Decisions given by the Board are as follows: no action; defer to subsequent meeting; or parole authorized at the end of the definite portion of the sentence or at some other definite date thereafter. Before the expiration of one week from the time of hearing the prisoner is advised of the decision of the Board in his case. He may appeal to the Board for another hearing but further hearings are not granted unless the prisoner produces facts regarding his case which were unknown by the members of the Board at the previous hearing.

It should be noted at this point that prisoners serving indeterminate sentences are brought before the Board for hearing irrespective of conduct and progress made while in the Institution but the Superintendent of the Institution is present at the hearing to give all information available, including conduct, industry, faithfulness and compliance with the rules of the Institution.

Although parole may be authorized in any case it cannot be made effective until satisfactory employment is provided for the prisoner when he is ready to be paroled. He is required to have his prospective employer send to the Parole Office a written guarantee of employment. This proposed employment, as well

as the conditions in which the person would be working and living are investigated by the Police at the request of the Parole Office. If such conditions are adjudged satisfactory the parole documents are completed with the signatures of the prisoner, the Secretary of the Parole Board and the Superintendent of the Institution, the prisoner being given a copy of the parole documents and the required report forms which he must complete monthly during the balance of the sentence.

The Police of the District in which he is to reside and work are advised that he has been placed on parole and they are requested to give supervision and assist the person in becoming re-established as a good citizen. The Parole Officers also visit the person on parole from time to time until the expiration of sentence and give whatever assistance and advice is required.

If the prisoner violates the conditions of parole he may immediately be placed in custody and returned to one of the Reformatories or Industrial Farms to face the Board, answer for his actions and make any statement he cares to present. The Board has authority to revoke the parole, replace him on parole as may be advisable in exceptional cases, or instruct the Chief Officer to have him charged in Court with having been unlawfully at large by reason of violation of the parole conditions. The Court has authority to impose a maximum sentence in such cases of two years in the Penitentiary consecutive with the unexpired balance of the sentence he was serving on parole.

Ontario is the only Province of Canada with the indeterminate sentence and a Parole Board. The authority for the indeterminate sentence in Ontario and for the establishment of a Parole Board was given by the Parliament of Canada in 1916. It is obvious that in earlier years the system was experimental. It has been generally effective. It is a stepping-stone between imprisonment and full citizenship. The results have fluctuated to some extent from year to year and following are the statistics for the past three years:

	1932	1933	1934
Number of Meetings held .. . . . . .	33	31	27
Cases investigated .. . . . . .	2159	1620	1512
Paroles authorized .. . . . . .	963	1063	987
Paroles put into effect .. . . . . .	859	787	806
Recommended for deportation .. . . . . .	53	31	29
Disappeared while on parole .. . . . . .	53	26	42
Committed crime while on parole and re-convicted ..	66	47	67
Returned to Reformatory and paroles cancelled .. . . .	12	7	9

Many of these prisoners paroled are heads of families, and too often with the bread winner in custody the family must be dependent on charity or public relief. By the one process of granting parole the family is likely to become self-supporting and the Province is saved the cost of maintaining the prisoner in the Institution.

The Board wishes to express its appreciation to the various Chiefs of Police throughout the Province, the Provincial Police and the Royal Canadian Mounted Police for the splendid assistance given during the past year, as well as the Department of Hospitals for the mental examinations of inmates. The Board recognizes the fact that while the Police and Parole Officers can and do give valuable assistance to persons on parole that, nevertheless, if a person on parole is to become a good citizen, it will be largely through the efforts of himself and



of other citizens in daily contact with him. Therefore those citizens, great in number, are publicly commended for their efforts on behalf of those less fortunate than themselves and for the kindly spirit and the cheerful word which is frequently of more value than financial assistance.

The members of the Board for the year were as follows:

J. F. McKinley, Judge of the Family Court, Ottawa, Ontario.

J. B. Tudhope, Manufacturer, Orillia, Ontario.

Leon J. Long, Barrister, Stratford, Ontario.

Col. Arthur F. Hatch, retired Manufacturer, Hamilton, Ontario.

William Inglis, Manufacturer, Toronto, Ontario.

All of which is respectfully submitted.

J. F. MCKINLEY.

JAMES B. TUDHOPE.

L. J. LONG.

ARTHUR F. HATCH.

WM. INGLIS.

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# The Salvation Army

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## REPORT OF PRISON, JAIL AND POLICE COURT WORK IN ONTARIO

FOR THE YEAR ENDED SEPTEMBER 30TH, 1934

*Submitted by*

COLONEL DALZIEL,

*The Chief Secretary.*

In presenting our report of Prison, Jail and Police Court Work for the year ended September 30th, 1934, we do so with thankfulness to God for the measure of success achieved; not that we are satisfied entirely, but we hope for better results in the future. Time alone can tell the real benefits.

Statistics fail to do justice to the labours of those engaged in this work; nor do they give full results achieved. The work is done, however, in the hope that the seed sown will be seen "after many days." Not a day passes but we have reason to rejoice in seeing a number of men and women who are living good lives, and who first came under the influence of The Salvation Army while in prison or in a Police Court cell.

Our Officers are regularly in contact with the inmates of the Langstaff Jail Farm; Women's Farm, Concord; the Mimico Clay Plant; the Don Jail, Toronto; the Mercer Reformatory for Women; the Industrial Farm, Burwash; the Guelph Reformatory, also many of the Police Courts and Prisons in Ontario are visited from time to time, many regularly.

In connection with the Prison and Police Court Work several Officers are set apart entirely for this work in Toronto and Ontario. Officers in many parts of Ontario give part-time service to Prison and Police Court Work.

Men, being released from prison, are given the opportunity to put themselves under our care until they feel strong enough to resist temptations similar to those that caused their downfall. Hundreds of men are given into our care by Magistrates who desire to save the offender from prison. During the year several hundreds were handed to The Salvation Army in Toronto alone.

It is almost impossible for a man leaving prison to obtain a situation immediately, especially under present business conditions; therefore, The Salvation Army Social Department, assists these men by providing temporary employment until permanent situations can be found. Many men leave prison moneyless, friendless, and inadequately clothed. No man from prison is refused food or shelter. Many men and women are returned to friends, or reinstated in former positions. Food and clothing, also shelter, is provided without charge, and in many cases fares are paid to various homes or employment.

The real sufferers are not the men in prison, but the wives and children. The Salvation Army may not be able to do very much in helping to meet the needs of the family, but we find it necessary to assist financially and in other ways. The needs of the prisoner's family is greater than that of the man, and

it is to be hoped that the day is not far distant when prisoners' families will be provided for.

Prisoners released without friends to go to, find it impossible to rehabilitate themselves; they must therefore be assisted, or go back to crime. No man need go back to crime, as a temporary home is always provided.

In the prisons of Ontario over a thousand religious services are conducted yearly. These meetings have a good influence upon the inmates. We have evidence in the changed lives of many who have been inmates that this is true. Religion is the greatest force in changing the lives of men. We know of drug addicts and others who have been completely changed by the Gospel.

Several concerts are given throughout the year in the various Institutions, and these are calculated to be most helpful.

We try to keep in contact with the man while in prison, also on discharge and afterwards.

Our Women Officers regularly visit the Mercer Reformatory, the Women's Jail Farm and the Police Courts, and any inmate who desires a "helping hand" is given assistance and a home.

During the Christmas Season special concerts are given, and each man and woman receives a present of chocolate. It may not appear of much consequence, but it is much appreciated, and provides a contact between The Salvation Army and the man or woman we are seeking to help to a higher life. More than two thousand men and women were treated thus at Christmas.

Services given after the person is released are often of greater importance than any help given while in prison. Personal visitation in their homes after release works for their general welfare and good. In nearly every City and Town in Ontario our Officers are available to help the man released from prison.

The enclosed statistics will give some idea of the work accomplished on behalf of the women and men inmates.

The report given herewith does not include our ordinary relief work, or other branches of The Salvation Army activities, but simply deals with the work done in Police Courts and prisons.

Visits to Jails, Prisons and Police Courts, including visits when services are held .....	2,400
Interviews with men .....	3,910
Religious Services conducted in Prisons and Jails .....	1,140
Men handed to The Salvation Army, met on discharge, or who have come direct to the Prison Office .....	1,735
Meals and Beds supplied free .....	6,220
Letters written, or calls made by 'phone in order to bring about reconciliation, or seek employment for discharged men.....	4,670
Visits to home, or prospective employers on behalf of prisoners.....	2,630
Employment secured, returned to former jobs, or sent back to parents or friends, mostly from Police Court.....	1,060
Gifts are given to men at Christmas at all Prisons and Jails.	

The statistics given above refers to Ontario only, and does not include other parts of Canada.

The visits, telephone calls and letters referred to are in order to bring about reconciliation with families when necessary, or to interview employers for rein-

statement of former employees, or prospective employment, and to secure work for men.

Every man leaving prison may be provided with meals and beds for a few days or longer in order to give him an opportunity to regain his feet.

Needy families of the men in various Institutions are assisted, although not to the extent that we would like, owing to lack of funds, but we seek to meet emergency cases.

No charge is made at *any time* for services rendered, or for goods supplied to men or their families.

STATEMENT OF INCOME AND EXPENDITURE FOR THE YEAR  
ENDED SEPTEMBER 30, 1934.

EXPENDITURE	INCOME
To assistance to Prisoners and Dependents .....	<i>By Grants:</i>
.....\$2,788.42	Province of Ontario.....\$2,500.00
Expenses of Officers engaged in Prison Work:	City of Toronto ..... 1,650.00
<i>Burwash:</i>	City of Peterboro ..... 600.00
Salaries .....\$1,252.00	City of Kingston ..... 180.00
Rent ..... 57.00	Social Service Council, Kingston ..... 420.00
Travelling and Incidentals ..... 89.60	Donations ..... 103.16
..... 1,398.60	
<i>Guelf:</i>	
Salaries ..... 633.28	
Travelling and Incidentals ..... 98.14	
..... 731.42	
Expenses of Officers engaged in Police Court Work:	
<i>Toronto:</i>	
Salaries ..... 1,295.70	
Rents ..... 624.50	
Administration charges 250.00	
Incidentals ..... 421.38	
..... 2,591.58	
<i>Peterboro:</i>	
Salaries ..... 709.50	
Incidentals ..... 15.40	
..... 724.90	
<i>Kingston:</i>	
Salaries ..... 839.50	
Incidentals ..... 21.50	
..... 861.00	
\$9,095.92	By Deficit ..... 3,642.76
	\$9,095.92

# Sixty-Seventh Annual Report

## UPON THE

# Gaols in Ontario

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(1)	Number of City Gaols in Ontario .....	2
	Number of County Gaols in Ontario .....	35
	Number of District Gaols in Ontario .....	10
	Total Number of Gaols in Ontario .....	47
(2)	Total Expenditure for Gaol Maintenance in Ontario:	
	In 1933 .....	\$430,388.47
	In 1934 .....	431,067.13
	The Cash Revenue from Gaol Labour was \$136.50 earned at Kenora, while \$2,363.86 was earned at Kingston.	
(3)	Average Maintenance Cost per day per prisoner.....	\$ 1.135
	Average Dietary Cost per day per prisoner .....	.129
(4)	Number of Prisoners committed during past two years:	
	In 1933 .....	25,235
	In 1934 .....	20,916
	Decrease .....	4,319

### COMMITMENTS.

	1933	1934	Decrease	Increase
Murder .....	17	10	7	
Manslaughter .....	31	51		20
Crime against the Person .....	1,189	1,085	104	
Crime against Property .....	6,345	5,866	479	
Crime against Public Morals and Decency ...	522	484	38	
Crime against Public Order and Peace .....	11,998	11,443	555	
Insanity .....	313	377		64
Number of Prisoners Sentenced .....	14,538	13,509	1,029	
Number of Days' Stay of Prisoners.....	458,270	379,656	78,614	
Escapes .....	4	12		8
Escaped and Captured .....	4	10		6
Deaths in Gaols .....	9	4	5	

COMMITMENTS TO COMMON GAOLS IN ONTARIO EACH YEAR  
FROM OCT. 1st, 1913, TO SEPT 30th, 1934

Date of Commitment	Men over 16 years of age.	Boys under 16 years of age.	Women over 16 years of age.	Girls under 16 years of age.	Totals.
Commitments for the year ending September 30th, 1913	17,442	85	1,713	10	19,250
" " " 1914	21,024	84	1,665	4	22,777
" " " 1915	18,566	90	1,669	12	20,337
" " " 1916	14,506	80	1,502	12	16,100
" " " 1917	11,417	142	878	8	12,445
" " " 1918	12,182	136	914	10	13,242
" " " 1919	12,034	183	872	7	13,096
" " " 1920	13,759	106	882	9	14,756
" " " 1921	16,526	93	1,168	13	16,800
" " " 1922	13,360	126	1,300	14	14,800
" " " 1923	12,766	80	1,135	14	13,995
" " " 1924	14,564	78	1,211	26	15,879
" " " 1925	16,343	98	1,567	15	18,023
" " " 1926	16,502	62	1,460	9	18,033
" " " 1927	19,564	110	884	20	20,578
" " " 1928	22,047	89	1,638	12	23,786
" " " 1929	24,285	123	1,695	17	25,980
" " " 1930	27,342	126	1,644	14	29,126
" " " 1931	24,693	90	1,565	10	26,358
" " " 1932	23,727	79	1,417	12	25,235
" " " 1933	21,176	61	1,235	12	22,484
" " " 1934	19,676	68	1,165	7	20,916

PRISONERS SENTENCED IN ONTARIO EACH YEAR FROM  
OCT. 1st. 1913 TO SEPT. 30th, 1934

Date of Sentence	Male	Female	Totals
Sentences for the year ending September 30th, 1913	11,039	858	11,897
" " " 1914	13,887	914	14,801
" " " 1915	11,666	997	12,663
" " " 1916	8,535	829	9,364
" " " 1917	7,451	416	7,867
" " " 1918	7,467	407	7,874
" " " 1919	7,510	394	7,904
" " " 1920	8,207	436	8,643
" " " 1921	9,165	625	9,790
" " " 1922	8,557	755	9,312
" " " 1923	7,464	572	8,036
" " " 1924	8,334	500	8,834
" " " 1925	10,476	830	11,306
" " " 1926	10,498	873	11,371
" " " 1927	13,117	810	13,927
" " " 1928	15,474	884	16,358
" " " 1929	16,825	801	17,626
" " " 1930	20,426	995	21,421
" " " 1931	17,286	841	18,127
" " " 1932	15,126	678	15,804
" " " 1933	13,932	606	14,538
" " " 1934	12,980	529	13,509

The following Tables show Sex, Social Conditions, Habits, Educational Status of all prisoners committed:

SEX		
	1933	1934
Male .....	21,237	19,744
Female .....	1,247	1,172
	<u>22,484</u>	<u>20,916</u>
SOCIAL CONDITIONS		
Married .....	8,130	7,592
Unmarried .....	14,354	13,324
	<u>22,484</u>	<u>20,916</u>
HABITS		
Temperate .....	10,398	9,370
Intemperate .....	12,086	11,546
	<u>22,484</u>	<u>20,916</u>
EDUCATIONAL STATUS		
Could Read and Write .....	20,641	19,441
Could Neither Read nor Write .....	1,843	1,475
	<u>22,484</u>	<u>20,916</u>

The following tables show the Nationality, Religion and Occupation of all Prisoners Committed:

NATIONALITY		
	1933	1934
Canadian-born .....	14,955	14,345
English .....	1,045	1,476
Irish .....	684	553
Scotch .....	902	824
United States .....	682	486
Other countries .....	3,580	3,223
Unascertained .....	36	9
	<u>22,484</u>	<u>20,916</u>
RELIGION		
Roman Catholic .....	8,494	7,683
Baptist .....	825	814
English Church .....	4,030	4,817
Presbyterian .....	3,486	2,302
United Church .....	2,483	2,180
Other denominations .....	3,017	2,452
Unascertained .....	149	668
	<u>22,484</u>	<u>20,916</u>
OCCUPATIONS		
Agricultural .....	1,403	1,114
Commercial .....	5,414	5,262
Domestic .....	1,092	1,118
Labourers .....	11,374	10,531
Mechanics .....	2,345	1,997
Professional .....	314	454
No occupation .....	445	339
Unascertained .....	97	101
	<u>22,484</u>	<u>20,916</u>

## I. CRIMES AGAINST THE PERSON

	Total commitments for the year			Number found guilty and sentenced		
	Male	Female	Total	Male	Female	Total
Abduction.....	6	1	7	2	1	3
Abortion.....	5	4	9	4	2	6
Assault, common.....	610	15	625	349	9	358
Assault, felonious.....	173	5	178	115	3	118
Attempted Suicide.....	28	12	40	11	3	14
Cutting and wounding and attempting same.....	33	4	37	16	2	18
Shooting with intent.....	12	.....	12	7	.....	7
Stabbing.....	1	.....	1	1	.....	1
Manslaughter.....	46	5	51	16	2	18
Murder.....	9	1	10	2	.....	2
Carnal knowledge.....	91	.....	91	57	.....	57
Rape and assault with intent.....	24	.....	24	11	.....	11
Total.....	1,038	47	1,085	591	22	613

## II. CRIMES AGAINST PROPERTY

	Total commitments for the year			Number found guilty and sentenced		
	Male	Female	Total	Male	Female	Total
Arson.....	23	4	27	11	3	14
Incendiarism.....	3	.....	3	.....	.....	.....
Burglary.....	356	7	363	215	3	218
Counterfeiting and passing counterfeit money.....	4	1	5	3	.....	3
Destroying and Injuring property....	97	4	101	58	1	59
Embezzlement.....	4	.....	4	1	.....	1
Forgery.....	113	9	122	76	4	80
Fraud and obtaining money and goods under false pretences.....	505	36	541	275	18	293
Horse, cattle and sheep stealing.....	19	.....	19	15	.....	15
Housebreaking and Robbery.....	889	13	902	544	6	550
Larceny.....	2,590	122	2,712	1,466	45	1,511
Receiving stolen goods.....	98	8	106	99	1	100
Trespass.....	955	6	960	1,161	5	1,166
Total.....	5,656	210	5,866	3,924	86	4,010



## III. CRIMES AGAINST PUBLIC MORALS AND DECENCY

	Total commitments for the year			Number found guilty and sentenced		
	Male	Female	Total	Male	Female	Total
Bigamy.....	14	9	23	7	4	11
Indecent assault and Exposure.....	120	2	122	73	3	76
Inmates and frequenters of houses of ill-fame.....	44	33	77	12	18	30
Keeping houses of ill-fame.....	38	49	87	20	15	35
Juvenile delinquency.....	71	12	83	24	8	32
Perjury.....	32	4	36	23	.....	23
Prostitution.....	1	21	22	1	16	17
Seduction.....	34	.....	34	18	.....	18
Total.....	354	130	484	178	64	242

## IV. CRIMES AGAINST PUBLIC ORDER AND PEACE

	Total commitments for the year			Number found guilty and sentenced		
	Male	Female	Total	Male	Female	Total
Abusive and obscene language.....	13	4	17	12	3	15
Breaches of the by-laws (not to include the B.L.C.A.).....	641	32	673	540	27	567
Breaches of the Liquor Control Act.....	2,905	142	3,047	2,411	91	2,502
Breaches of the Peace.....	111	7	118	52	.....	52
Carrying unlawful weapons.....	57	.....	57	45	.....	45
Civil process.....	4	.....	4	2	.....	2
Contempt of Court.....	91	3	94	76	.....	76
Cruelty to animals.....	7	.....	7	5	.....	5
Deserting employment.....	2	.....	2	1	.....	1
Deserting the Militia.....	10	4	14	.....	.....	.....
Detained as witnesses.....	.....	.....	.....	.....	.....	.....
Drunk and disorderly (not to include ordinary B.L.C.A.).....	4,139	95	4,234	3,042	85	3,127
Escaping from or obstructing constable.....	109	3	112	58	1	59
Escaping from prison.....	44	3	47	37	1	38
Fraudulent Debtors.....	15	.....	15	5	.....	5
Gambling.....	66	2	68	36	1	37
Lunatics and persons unsafe to be at large.....	312	65	377	99	27	126
Misdemeanor.....	32	3	35	14	1	15
Refusing Bail.....	.....	.....	.....	.....	.....	.....
Selling or giving liquor to Indians (not to include ordinary B.L.C.A.).....	67	10	77	57	9	66
Threatening and seditious language or literature.....	23	2	25	1	9	10
Unlawful shooting.....	17	.....	17	11	.....	11
Vagrancy.....	2,179	197	2,376	1,296	71	1,367
Want of sureties to keep the Peace.....	9	1	10	9	1	10
Witnesses in criminal cases.....	14	3	17	.....	.....	.....
Total.....	10,867	576	11,443	7,809	327	8,136
Other offences not enumerated.....	1,829	209	2,038	478	30	508
Grand Total.....	19,744	1,172	20,916	12,980	529	13,509

TABLE  
Showing the Names and Salaries of the Various Gaol

Name of Gaol	Names of		
	Sheriffs	Gaolers	Chief Matrons
Barrie	Wm. M. Dinwoodie	John Forgie	Mrs. J. Forgie
Belleville	George H. Stokes	G. H. French	G. H. French
Bracebridge	Jos. G. Meyers	C. Reynolds	E. Reynolds
Brampton	N. Henderson	Wm. A. Partridge	W. A. Partridge
Brantford	J. W. Westbrook	John Cook	E. Cook
Brockville	W. J. Manahan	J. A. McLean	J. A. McLean
Cayuga	W. S. Hudspeth	J. B. Smith	J. B. Smith
Chatham	E. W. Hardey	M. W. Shaw	G. E. Shaw
Cobourg	J. F. B. Belford	G. L. McLaughlin	E. Corbett
Cornwall	Jas. F. Ault	T. W. Ault	Ida Cowley
Fort Frances	Alex Thompson	J. E. King	J. E. King
Goderich	C. G. Middleton	Jas. B. Reynolds	J. B. Reynolds
Gore Bay	W. F. McRae	J. W. Griffith	H. E. Griffith
Guelph	Geo. H. Dickson	Major L. Cosby	L. Cosby
Hailybury	Geo. Caldbeck	C. W. Austin	Bert Terrill
Hamilton	J. W. Lawrason	Frank V. Lalonde	E. D. Lalonde
Kenora	L. D. McCallum	Edwin W. Cox	M. F. Cox
Kingston	Robt. F. Vair	Jos. T. Hawkey	M. Maudson
Kitchener	Wm. A. Kribs	Ed. Langridge	V. Langridge
Lindsay	H. H. McFadden	H. W. Stone	E. Stone
London	D. A. Graham	C. H. Mitchell	North
L'Original	A. Landriault	J. A. Sabourin	J. A. Sabourin
Milton	G. O. Brown	J. F. McCallum	R. O. McCallum
Napanee	C. W. Vandervoort	W. H. Roe	W. H. Roe
North Bay	T. E. McKee	E. J. Turner	F. Valin
Orangeville	H. Endacott	G. A. Leighton	M. Leighton
Ottawa	S. Crooks	A. G. Dawson	M. Connell
Owen Sound	W. Breese	W. A. Grier	M. M. Grier
Parry Sound	J. E. Armstrong	T. W. Keating	T. W. Keating
Pembroke	Alex. Morris	A. G. Brown	E. Brown
Perth	J. H. Ebbs	John Oates	F. Oates
Peterborough	F. J. A. Hall	T. D. Johnston	S. D. Johnston
Picton	D. J. Barker	Earl Croft	E. Croft
Port Arthur	N. Edmeston	G. F. Lasseter	G. F. Lasseter
St. Catharines	F. J. Graves	J. J. Dundas	L. Dundas
St. Thomas	P. S. D. Harding	C. P. Ermatinger	R. B. Donaldson
Sandwich	C. N. Anderson	J. W. Warden	J. E. Warden
Sarnia	A. J. Johnson	E. J. Mott	C. Mott
Sault St. Marie	C. M. Macreath	R. M. Hearst	M. A. Hearst
Simcoe	A. C. Pratt	G. M. Boughner	A. Boughner
Stratford	M. F. Irvine	A. T. Trethewey	A. Trethewey
Sudbury	A. J. Manley	W. H. O'Leary	W. H. O'Leary
Toronto	A. M. Gorrie	H. G. Denning	M. Peers
Walkerton	J. Rowland	V. M. Bell	K. E. Bell
Welland	V. L. Davidson	D. Sharpe	L. Schooley
Whitby	I. F. Paxton	H. F. Lucas	H. F. Lucas
Woodstock	Wm. McGhee	Geo. Forbes	G. Forbes

No. 1

Officials for the Year Ending September 30th, 1934

Officials		Salaries of Officials				
Chief Turnkeys	Gaol Surgeons	Gaolers	Matrons	Other Officers	Gaol Surgeons	Total Salaries
J. R. Weymouth.	Dr. Wm. Little.....	\$1,100.00	\$ 550.00	\$1,200.00	\$ 300.00	\$3,525.00
R. E. Colling.....	" W. C. Morgan....	700.00	400.00	1,820.00	250.00	3,195.00
.....	" P. McGibbon.....	1,200.00	200.00	.....	150.00	1,550.00
Robt. Allen.....	" F. Vanderlip.....	720.00	250.00	600.00	129.00	1,724.00
Chas. Salemin....	" R. H. Palmer.....	1,500.00	500.00	3,574.00	335.00	5,909.00
John Harrison....	" E. B. Moles.....	1,150.00	200.00	903.10	150.00	2,403.00
Wm. J. Spittal....	" A. J. Bromley....	1,000.00	180.00	900.00	160.00	2,240.00
Wm. Henley.....	" J. W. Coulter....	1,100.00	500.00	1,020.00	450.00	5,070.00
R. A. Hutchinson.	" A. Richards.....	1,000.00	200.00	977.50	200.00	3,277.50
Jas. Cowley.....	" Ross Alguire....	1,560.00	398.00	1,359.60	365.00	3,682.60
John Miller.....	" Robt. Moore.....	1,600.00	100.00	1,419.25	100.00	3,419.25
Kerwood White....	" A. H. Taylor.....	900.00	225.00	900.00	100.00	2,175.00
.....	" F. A. Strain.....	793.29	337.97	.....	195.62	1,326.88
F. Topham.....	" A. B. McCarter..	1,000.00	380.00	2,975.25	200.00	4,455.50
J. Anderson.....	" W. C. Arnold.....	1,500.00	342.50	7,201.50	329.00	9,373.00
Thos. J. Hickmott	" T. C. Gibson.....	1,800.00	1,881.00	12,272.00	1,000.00	16,953.00
Harry K. Warner..	" W. J. Gunne.....	1,212.00	321.00	5,285.31	200.00	7,018.31
E. W. Revelle....	" S. E. Porter.....	1,350.00	388.00	1,918.00	270.00	3,926.00
R. Schultz.....	" G. D. McTaggart.	1,100.00	525.00	2,235.00	500.00	4,360.00
C. Grazele.....	" M. F. White.....	1,080.00	229.50	1,190.00	75.00	2,574.50
Wm. K. Gray.....	" D. H. Hogg.....	1,512.00	1,486.30	9,788.77	653.33	13,440.40
N. Landriault....	" G. G. Smith.....	900.00	270.00	657.00	100.00	1,927.00
A. Mays.....	" C. K. Stevenson..	900.00	200.00	867.00	100.00	2,067.00
M. L. Roe.....	" T. M. Galbraith..	1,000.00	200.00	200.00	200.00	1,600.00
Wm. Rayner.....	" A. E. Ranny.....	1,800.00	373.51	5,574.30	300.00	8,047.81
Wm. Campbell....	" A. J. Hunter.....	1,200.00	400.00	1,000.00	125.00	2,725.00
Geo. Young.....	" J. F. Argue.....	2,070.00	981.00	7,488.60	328.50	10,868.60
W. H. Wright.....	" T. H. Middlebro..	1,200.00	300.00	1,716.00	250.00	3,466.00
W. J. Tait.....	" M. H. Limbert...	1,100.00	300.00	2,477.50	150.00	4,027.50
H. Eady.....	" A. J. Sparling...	1,700.00	225.00	968.00	100.00	2,993.00
J. Palmer.....	" W. A. Meighen...	1,000.00	300.00	1,000.00	100.00	2,400.00
Robt. Rae.....	" J. A. Morgan.....	900.00	282.00	1,350.00	200.00	2,732.00
C. Hubbs.....	" G. Allison.....	600.00	200.00	360.00	75.00	1,235.00
C. M. York.....	" J. A. Crozier....	1,900.00	390.00	8,985.00	252.00	11,527.00
W. F. Clinch....	" L. H. Werden....	1,100.00	300.00	1,100.00	135.00	2,635.00
R. B. Donaldson..	" D. L. Ewin.....	1,420.00	25.00	2,783.25	217.00	4,445.25
J. Morkin.....	" C. J. Hemond....	1,320.00	772.50	9,338.50	700.00	12,131.00
G. Gilbert.....	" W. B. Rutherford	1,075.00	325.00	1,995.00	300.00	3,695.00
W. Johnson.....	" S. E. Fleming....	1,125.00	350.00	3,692.74	300.00	5,467.74
Geo. Holden.....	" K. McIntosh....	840.00	250.00	1,410.00	75.00	2,575.00
H. Brazier.....	" M. Fraser.....	1,100.00	460.00	1,002.50	150.00	2,712.50
R. Cornthwaite..	" W. C. Morrison..	1,900.00	300.00	8,032.50	700.00	10,932.50
A. Edwards.....	" W. T. Parry.....	4,900.00	3,649.60	42,013.16	1,500.00	52,062.76
A. J. Gladman....	" W. A. Hall.....	690.92	275.76	888.00	90.00	1,944.68
H. M. Schooley..	" D. Allison.....	1,620.00	279.15	3,812.81	294.00	6,005.96
Wm. Pellow.....	" C. F. McGillivray.	765.00	254.00	1,976.40	135.00	3,130.40
J. Skinner.....	" C. M. McKay....	900.00	298.00	936.00	180.00	2,314.00

TABLE  
Showing the Social Status and Habits of Prisoners

Name of Gaol	Prisoners Married			Prisoners Unmarried			Temperate		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie.....	90	7	97	134	.....	134	139	6	145
Belleville.....	116	14	130	158	8	166	151	16	167
Bracebridge.....	23	2	25	40	.....	40	41	2	43
Brampton.....	34	1	35	48	1	49	21	.....	21
Brantford.....	54	3	57	123	3	126	81	2	83
Brockville.....	61	4	65	125	3	128	84	6	90
Cayuga.....	44	4	48	280	.....	280	138	4	142
Chatham.....	123	10	133	250	14	264	243	18	261
Cobourg.....	59	4	63	118	2	120	102	5	107
Cornwall.....	89	3	92	201	3	204	93	3	96
Fort Frances.....	35	3	38	76	.....	76	44	2	46
Goderich.....	43	2	45	76	.....	76	77	1	78
Gore Bay.....	19	1	20	24	1	25	20	1	21
Guelph.....	57	10	67	134	1	135	167	9	176
Haileybury.....	158	15	173	349	10	359	372	22	394
Hamilton.....	440	49	489	519	38	557	259	52	311
Kenora.....	52	5	57	176	11	187	214	16	230
Kingston.....	65	4	69	206	1	207	57	4	61
Kitchener.....	89	9	98	214	21	235	158	30	188
Lindsay.....	24	2	26	37	2	39	31	3	34
London.....	294	37	331	553	37	590	270	40	310
L'Orignal.....	53	2	55	66	4	70	119	5	124
Milton.....	33	1	34	85	3	88	67	4	71
Napanee.....	36	1	37	39	.....	39	60	1	61
North Bay.....	204	27	231	374	11	385	243	30	273
Orangeville.....	21	.....	21	27	.....	27	44	.....	44
Ottawa.....	391	24	415	889	33	922	553	43	596
Owen Sound.....	74	2	76	91	4	95	94	4	98
Parry Sound.....	43	4	47	88	1	89	52	3	55
Pembroke.....	46	.....	46	118	2	120	145	4	149
Perth.....	28	1	29	68	2	70	10	3	13
Peterborough.....	53	5	58	140	7	147	187	12	199
Pictou.....	29	.....	29	24	1	25	11	.....	11
Port Arthur.....	228	23	251	613	25	638	397	33	430
St. Catharines.....	71	1	72	121	5	126	102	6	108
St. Thomas.....	70	6	76	125	.....	125	191	6	197
Sandwich.....	249	14	263	393	14	407	292	18	310
Sarnia.....	127	10	137	129	4	133	80	5	85
Sault Ste. Marie.....	93	14	107	183	8	191	75	9	84
Simcoe.....	99	6	105	116	5	121	74	7	81
Stratford.....	54	10	64	114	4	118	99	12	111
Sudbury.....	235	48	283	696	24	720	213	46	259
Toronto.....	2,440	201	2,641	3,920	228	4,148	2,392	203	2,595
Walkerton.....	30	2	32	56	1	57	36	3	39
Welland.....	121	13	134	238	6	244	149	12	161
Whitby.....	93	5	98	130	3	133	114	3	117
Woodstock.....	69	4	73	103	6	109	90	5	95
Totals.....	6,959	613	7,572	12,787	557	13,344	8,651	719	9,370

No. 2

Committed during the Year Ending September 30th, 1934

Intemperate			Illiterate			Number who could read or write		
Male	Female	Total	Male	Female	Total	Male	Female	Total
85	1	86	9	1	10	215	6	221
123	6	129	22	1	23	252	21	273
22		22				63	2	65
61	2	63				82	2	84
96	4	100	16		16	161	6	167
102	1	103	5		5	181	7	188
186		186	6		6	318	4	322
130	6	136	18	1	19	355	23	378
75	1	76	14		14	163	6	169
197	3	200	52	2	54	238	4	242
67	1	68	3	1	4	108	2	110
42	1	43	6		6	113	2	115
23	1	24	10		10	33	2	35
24	2	26				191	11	202
135	3	138	59	2	61	448	23	471
700	35	735	22	1	23	937	86	1,023
14		14	55	3	58	173	13	186
214	1	215	1		1	270	5	275
145		145	1		1	302	30	332
30	1	31	6		6	55	4	59
577	37	614	5		5	842	74	916
	1	1	17	1	18	102	5	107
51		51	3		3	115	4	119
15		15	3		3	72	1	73
335	8	343	203	1	204	375	37	412
4		4				48		48
727	14	741	110	2	112	1,170	55	1,225
71	2	73	5		5	160	6	166
79	2	81	14	1	15	117	4	121
17		17	8		8	154	4	158
86		86	9		9	87	3	90
6		6	10	1	11	183	11	194
42	1	43	4		4	49	1	50
444	15	459	28	5	33	813	43	856
90		90	13	2	15	179	4	183
4		4	7		7	188	6	194
350	10	360	73	5	78	569	23	592
176	9	185	23		23	233	14	247
201	13	214	49	4	53	227	18	245
141	4	145	8	1	9	207	10	217
69	2	71	2		2	178	2	180
718	26	744	88	7	95	843	65	908
3,968	226	4,194	379	19	398	5,981	410	6,391
50		50	1		1	85	3	88
210	7	217	19	4	23	340	15	355
109	5	114	16		16	207	8	215
82	5	87	5	3	8	167	7	174
11,093	456	11,549	1,407	68	1,475	18,349	1,092	19,441

TABLE

Showing the number of prisoners committed, the number over

Name of Gaol	Total number committed during the year		
	Male	Female	Total
Barrie.....	224	7	231
Belleville.....	274	22	296
Bracebridge.....	63	2	65
Brampton.....	82	2	84
Brantford.....	177	6	183
Brockville.....	186	7	193
Cayuga.....	324	4	328
Chatham.....	373	24	397
Cobourg.....	177	6	183
Cornwall.....	290	6	296
Fort Frances.....	111	3	114
Goderich.....	119	2	121
Gore Bay.....	43	2	45
Guelph.....	191	11	202
Haileybury.....	507	25	532
Hamilton.....	959	87	1,046
Kenora.....	228	16	244
Kingston.....	271	5	276
Kitchener.....	303	30	333
Lindsay.....	61	4	65
London.....	847	74	921
L'Orignal.....	119	6	125
Milton.....	118	4	122
Napanee.....	75	1	76
North Bay.....	578	38	616
Orangeville.....	48	.....	48
Ottawa.....	1,280	57	1,337
Owen Sound.....	165	6	171
Parry Sound.....	131	5	136
Pembroke.....	162	4	166
Perth.....	96	3	99
Peterborough.....	193	12	205
Picton.....	53	1	54
Port Arthur.....	841	48	889
St. Catharines.....	192	6	198
St. Thomas.....	195	6	201
Sandwich.....	642	28	670
Sarnia.....	256	14	270
Sault Ste. Marie.....	276	22	298
Simcoe.....	215	11	226
Stratford.....	168	14	182
Sudbury.....	931	72	1,003
Toronto.....	6,360	429	6,789
Walkerton.....	86	3	89
Welland.....	359	19	378
Whitby.....	223	8	231
Woodstock.....	172	10	182
Totals.....	19,744	1,172	20,916

No. 3

and under sixteen years of age, and the number of re-committals.

Under 16 years of age			16 years of age and over			For the first time	For the second time	For the third time	For more than the third time
Male	Female	Total	Male	Female	Total				
			224	7	231	137	50	21	23
2	2	4	272	20	292	213	57	19	7
1		1	62	2	64	28	18	10	9
			82	2	84	56	16	7	5
			177	6	183	128	26	9	20
			186	7	193	145	22	8	18
			324	4	328	270	43	9	6
10		10	363	24	387	218	98	53	28
			177	6	183	114	56	9	4
			290	6	296	165	45	27	59
4		4	107	3	110	76	21	7	10
			119	2	121	26	80	12	3
			43	2	45	30	9	6	
			191	11	202	102	44	25	31
			507	25	532	373	106	32	21
			959	87	1,046	504	142	89	311
4		4	224	16	240	206	14	15	9
			271	5	276	201	25	26	24
	2	2	303	28	331	198	73	36	26
1		1	60	4	64	41	16	4	4
			847	74	921	442	179	78	222
2		2	117	6	123	107	6	7	5
			118	4	122	98	13	7	4
2		2	73	1	74	38	19	7	12
3		3	575	38	613	281	145	132	58
			48		48	46	2		
2		2	1,278	57	1,335	1,216	84	24	13
			165	6	171	89	29	14	39
			131	5	136	128	8		
			162	4	166	155	6	4	1
			96	3	99	64	7	17	11
2		2	191	12	203	145	26	14	20
			53	1	54	47	1	3	3
6	2	8	835	46	881	737	68	39	45
			192	6	198	86	30	19	63
1		1	194	6	200	119	34	27	21
8		8	634	28	662	613	24	21	12
5	1	6	251	13	264	162	62	16	30
3		3	273	22	295	172	57	38	31
4		4	211	11	222	131	63	21	11
			168	14	182	138	14	7	23
1		1	930	72	1,002	572	289	104	38
2		2	6,358	429	6,787	3,760	1,165	680	1,184
			86	3	89	63	18	5	3
3		3	356	19	375	233	72	32	41
			223	8	231	180	32	8	11
2		2	170	10	180	157	17	4	4
68	7	75	19,676	1,165	20,841	13,210	3,431	1,752	2,523

TABLE

Showing the number of prisoners upon whom sentences were passed and

Name of Gaol	Showing institution to which prisoners were transferred											
	Sentenced to Gaol and afterwards removed to a Reformatory			Sentenced direct to a Reformatory			Sentenced to Gaol and afterwards removed to an Industrial Farm			Sentenced direct to an Industrial Farm		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie.....							7		7	29		29
Belleville.....				35		35						
Bracebridge.....	7		7	9		9	3		3			
Brampton.....				11		11						
Brantford.....	5		5	10		10	2		2			
Brockville.....				27		27						
Cayuga.....	2		2									
Chatham.....	1		1	35		35						
Cobourg.....	7		7	31		31						
Cornwall.....	54		54	32		32						
Fort Frances.....							4		4			
Goderich.....				11		11						
Gore Bay.....							3		3			
Guelph.....	14		14	42		42						
Haileybury.....				13		13	35		35			
Hamilton.....	57		57	125		125						
Kenora.....							8		8			
Kingston.....	12		12									
Kitchener.....	2		2	39		39						
Lindsay.....				15		15						
London.....	10		10	58		58						
L'Orignal.....	15		15									
Milton.....				10		10						
Napanee.....	1		1	8		8						
North Bay.....	32		32	27		27						
Orangeville.....				3		3						
Ottawa.....	2		2	42		42	2		2	32		32
Owen Sound.....	7		7	25		25						
Parry Sound.....				12		12						
Pembroke.....				9		9				9		9
Perth.....				14		14						
Peterborough.....	1		1	26		26						
Picton.....	3		3									
Port Arthur.....							276		276			
St. Catharines.....	18		18									
St. Thomas.....	6		6	24		24						
Sandwich.....	2		2	59		59				11		11
Sarnia.....	30		30									
Sault Ste. Marie.....							2		2	16		16
Simcoe.....	1		1	18		18						
Stratford.....				13		13						
Sudbury.....							171		171	15		15
Toronto.....	449		449				1,430	61	1,491			
Walkerton.....				17		17						
Welland.....	10		10	47		47						
Whitby.....	18		18				10		10			
Woodstock.....				11		11						
	766		766	858		858	1,953	61	2,014	112		112



No. 4

the nature of such sentences, and to where sentenced prisoners were transferred.

Sentenced to Gaol and afterwards removed to Andrew Mercer Reformatory			Sentenced direct to the Andrew Mercer Reformatory			Sentenced to the Penitentiary			Sentenced to Industrial Schools			Sentenced to Industrial Refuges			Sentenced to any other place of Confinement			Total		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
...	...	...	...	1	1	10	2	12	...	...	...	...	...	...	9	...	9	55	3	58
...	...	...	...	2	2	7	...	7	2	2	4	...	...	...	3	...	3	47	4	51
...	...	...	...	2	2	2	...	2	...	...	...	...	...	...	3	...	3	24	2	26
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	13	...	13
...	...	...	...	1	1	3	...	3	...	...	...	...	...	...	2	1	3	22	2	24
...	...	...	...	...	...	4	...	4	1	...	1	...	...	...	...	...	...	32	...	32
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	2
...	...	...	...	2	2	7	...	7	3	...	3	...	1	1	...	...	46	3	49	
...	...	...	...	2	2	2	...	2	...	...	...	...	...	...	...	...	40	2	42	
...	1	1	...	1	1	12	...	12	...	...	...	...	...	...	...	...	98	2	100	
...	...	...	...	...	...	1	...	1	...	...	1	...	1	...	1	1	5	...	5	5
...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	4	1	5	17	1	18
...	...	...	...	4	4	7	...	7	...	...	...	...	...	...	2	...	2	5	...	5
...	...	...	...	3	3	15	...	15	...	...	18	5	23	...	...	...	65	4	69	
...	...	...	...	10	10	36	2	38	...	...	...	4	4	...	8	6	14	81	8	89
...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	...	...	10	...	10	10
...	...	...	...	...	...	6	...	6	...	...	...	...	...	...	...	...	18	...	18	18
...	...	...	...	6	6	6	...	6	2	4	6	1	...	1	11	4	15	61	14	75
...	...	...	...	1	1	...	...	...	1	...	1	...	...	...	...	...	16	1	17	17
...	...	...	...	4	4	19	...	19	...	...	...	...	...	...	5	1	6	92	5	97
...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	3	...	3	20	...	20
...	...	...	...	...	...	3	...	3	...	...	...	...	...	...	...	...	13	...	13	13
...	...	...	...	...	...	2	...	2	1	...	1	...	...	...	2	...	2	14	...	14
...	2	2	...	2	2	10	...	10	...	...	...	...	...	...	5	9	14	74	13	87
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	3
...	...	...	...	12	12	19	...	19	...	...	...	...	...	...	4	2	6	101	14	115
...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	32	2	34	34
...	...	...	...	2	2	3	...	3	...	...	...	...	...	...	1	...	1	16	2	18
...	...	...	...	1	1	3	...	3	...	...	...	...	...	...	5	...	5	26	1	27
...	...	...	...	...	...	3	...	3	...	...	...	...	...	...	...	...	17	...	17	17
...	...	...	...	3	3	5	...	5	...	...	...	...	...	...	...	...	32	3	35	35
...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	5	...	5	5
...	2	2	...	1	1	7	1	8	2	1	3	...	1	1	...	...	285	6	291	291
...	3	3	...	...	...	13	...	13	...	...	...	...	...	...	...	...	31	3	34	34
...	...	...	...	2	2	3	...	3	...	...	...	...	...	...	...	...	33	2	35	35
...	...	...	...	5	5	22	...	22	5	...	5	...	...	...	15	2	17	114	7	121
...	...	...	...	...	...	3	...	3	2	1	3	...	...	...	2	...	2	37	1	38
...	...	...	...	6	6	7	...	7	4	...	4	...	...	...	10	1	11	39	7	46
...	...	...	...	1	1	3	...	3	...	...	...	...	...	...	11	2	13	33	3	36
...	3	3	...	...	...	1	...	1	...	...	...	1	1	...	...	...	14	4	18	18
...	...	...	...	10	10	23	...	23	3	...	3	...	...	...	36	6	42	248	16	264
...	31	31	...	...	...	82	1	83	...	...	...	...	1	1	...	...	...	1,961	94	2,055
...	...	...	...	2	2	14	...	14	...	...	...	...	...	...	5	...	5	22	...	22
...	1	1	...	...	...	2	...	2	...	...	...	...	...	...	1	...	1	72	2	74
...	...	...	...	...	...	5	...	5	...	...	...	...	...	...	2	1	3	30	1	31
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	1	19	19
...	43	43	...	88	88	376	6	382	28	8	36	20	13	33	152	36	188	4,265	248	4,520

TABLE

Period of sentences; gaols,

Name of Gaol	For periods under 30 days			For periods 30 days and under 60 days (2 months)			For periods of 60 days or 2 months			For periods of over 2 months and up to 3 months inclusive		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie.....	64	1	65	26	1	27	6		6	24	1	25
Belleville.....	98	2	100	23	3	26	10	2	12	26	2	28
Bracebridge.....	12		12	13		13	5		5	5		5
Brampton.....	16		16	2		2	1		1			
Brantford.....	51	1	52	25	2	27	4		4	20		20
Brockville.....	38		38	43		43	4		4	21	2	23
Cayuga.....	288	1	289	10		10	1		1	2		2
Chatham.....	104	3	107	26	2	28	22		22	34	2	36
Cobourg.....	37		37	22		22	8		8	19		19
Cornwall.....	30		30	37	1	38	8		8	43		43
Fort Frances.....	29	1	30	8		8				17	1	18
Goderich.....	23		23	4		4	5		5	4		4
Gore Bay.....	10		10	12		12	2		2	3	1	4
Guelph.....	14		14	34	5	39				7		7
Haileybury.....	56	1	57	196	12	208	8		8	116	10	126
Hamilton.....	237	9	246	111	3	114	37		37	94	4	98
Kenora.....	99	1	100	36	2	38	6	1	7	39	1	40
Kingston.....	22		22	106		106	5		5	55	3	58
Kitchener.....	37		37	17		17	7		7	18		18
Lindsay.....	8	1	9	3		3	5		5	5	1	6
London.....	332	20	352	32	6	38	25	3	28	71	4	75
L'Orignal.....	16	3	19				6		6	17		17
Milton.....	61	3	64	16		16	7		7	9	1	10
Napanee.....	14	1	15	4		4	6		6	9		9
North Bay.....	358	6	364	52	2	54	12	2	14	42	4	46
Orangeville.....	4		4	2		2	9		9	1		1
Ottawa.....	499	6	505	111	7	118	22		22	40		40
Owen Sound.....	37		37	17		17	8		8	41		41
Parry Sound.....	38		38	22		22	4		4	8		8
Pembroke.....	61		61	11		11	15		15	21		21
Perth.....	35		35	22		22	4		4	14		14
Peterborough.....	87	1	88	7		7				28	3	31
Picton.....	41	1	42	2		2	4		4	2		2
Port Arthur.....	35	1	36	346	7	353	123	3	126	84	4	88
St. Catharines.....	83		83	11		11	5		5	19		19
St. Thomas.....	44		44	28		28	4		4	8		8
Sandwich.....	198	2	200	57	2	59	16	1	17	34	2	36
Sarnia.....	82	5	87	26	2	28	10		10	35	2	37
Sault Ste. Marie.....	62	3	65	48	3	51	9		9	31	4	35
Simcoe.....	34	4	38	9		9	2		2	3		3
Stratford.....	53	1	54	13		13	3	1	4	21	1	22
Sudbury.....	308	9	317	149	6	155	81	8	89	62	5	67
Toronto.....	1,448	25	1,473	1,037	46	1,083	167	12	179	448	28	476
Walkerton.....	17		17	10		10				11		11
Welland.....	121	5	126	56	1	57	15	1	16	22	2	24
Whitby.....	63		63	17		17	15		15	39	2	41
Woodstock.....	27		27	13		13	8		8	13		13
	5,431	117	5,548	2,872	113	2,985	699	34	758	1,685	90	1,775

No. 5

reformatories, penitentiary or elsewhere.

For periods of over 3 months and up to 4 months inclusive			Over 4 months and up to 5 months inclusive			Over 5 months and up to 6 months inclusive			Over 6 months and up to 9 months inclusive			Over 9 months and up to 1 year inclusive			Over 1 year and up to 2 years inclusive		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
4		4				3	1	4				3		3	3		3
3		3				9		9				10	2	12	11	1	12
						3		3				4		4	2	2	4
						2		2	1		1	2		2	2		2
1		1	1		1	2		2				3		3	1		1
9		9	1		1	8		8	1		1	6		6	6		6
3		3	2		2	1		1	2		2						
2		2	1		1	1		1									
3		3	2		2												
18		18	1		1	34	1	35	8		8	17		17	16	1	17
						4		4				1		1	1		1
						2		2	1		1				3		3
						2		2									
21		21	1	1	2	3		3	11	1	12	4		4	19	2	21
6		6	1		1	3		3	23		23	3		3	9		9
12	2	14	3		3	22	5	27	20		20	26	3	29	41	7	48
3		3	1		1	7		7	2		2	1		1	4		4
			1		1	4		4	2		2	3		3	4		4
3		3				12	1	13	5	1	6	8	3	11	8	1	9
						2		2		1	1	4		4	2		2
1		1				7		7	5		5	20	5	25	31		31
2		2							2		2	5		5	8		8
			1		1							5		5	3		3
7		7				29		29	2		2	3	2	5	9	2	11
1		1	1		1	1		1									
3		3	1	2	3	9		9	2		2	11		11	34	7	41
1		1				5	2	7	5		5	1		1	12		12
5		5	1	1	2	4		4	1	1	5		5	3			3
1		1				9		9									
						1		1									
20	3	23	19	2	21	40	1	41	4		4	17	1	18	10	3	13
4		4	1		1	4	2	6			5		5	3	2		5
			1		1	3		3	1		1	2		2			
6		6	2		2	3		3	2		2						
4		4	1		1	11		11	2		2	2		2	7		7
2		2				4		4	4		4	1		1	10	5	15
2		2	5		5	11		11			2			2			
						1		1									
13		13	4		4	9	1	10	4	3	7	9	1	10	10		10
47	5	52				91	6	97	11		11	59	12	71	40	12	52
1		1	1		1												
						3		3				2		2			
3		3	1		1	6		6	4		4	7		7	5		5
3		3				1		1									
217	10	227	54	6	60	377	20	397	124	7	131	251	29	280	317	45	362

TABLE  
Period of sentences; gaols,

Name of Gaol	For periods of 2 years and over to the penitentiary			Of any length to the reformatories		
	M.	F.	T.	M.	F.	T.
Barrie.....	10	2	12	22		22
Belleville.....	7		7	37	4	41
Bracebridge.....	2		2	10		10
Brampton.....				6		6
Brantford.....	1		1	9	2	11
Brockville.....	4		4	0		0
Cayuga.....						
Chatham.....	8		8	46	3	49
Cobourg.....	4		4	31	1	32
Cornwall.....	12		12			
Fort Frances.....	1		1			
Goderich.....	1		1			
Gore Bay.....	2		2	3		3
Guelph.....	7		7	2		2
Haileybury.....	15		15			
Hamilton.....	36	2	38	17		17
Kenora.....	1		1	8	1	9
Kingston.....	6		6			
Kitchener.....	6		6	13	8	21
Lindsay.....				8		8
London.....	19		19	5		5
L'Original.....	1		1			
Milton.....	3		3	11		11
Napanee.....	2		2	1		1
North Bay.....	10		10	5	9	14
Orangeville.....				5		5
Ottawa.....	18		18	29		29
Owen Sound.....	2		2			
Parry Sound.....	3		3			
Pembroke.....	2		2	15	3	18
Perth.....	3		3	14		14
Peterborough.....	5	1	6	23	3	26
Picton.....	2		2			
Port Arthur.....	7	1	8	1	2	3
St. Catharines.....	13		13			
St. Thomas.....	3		3	20	2	22
Sandwich.....	20		20	63	5	68
Sarnia.....	3		3	8		8
Sault Ste. Marie.....	7		7			
Simcoe.....	3		3	18	1	19
Stratford.....	1		1	11	4	15
Sudbury.....	23		23	4		4
Toronto.....	82	1	83			
Walkerton.....				14		14
Welland.....	14		14	44	2	46
Whitby.....	2	1	3			
Woodstock.....	5		5	11		11
	376	8	384	514	50	564



TABLE

Showing number of cens. greatest, least and  
Number of prisoners committed, how maintained and average costs

Name of Gaol	Number of cells	Greatest No. of prisoners in year	Least No. of prisoners in year	Average daily gaol population.	Number committed during year	Number paid for by province	Number paid for by municipalities	Number of days government prisoners	Number of days municipal prisoners	Total number of days stay of all prisoners
Barrie.....	22	29	8	16 7	231	70	161	2,299	3,805	6,104
Belleville.....	18	32	7	17 0	296	61	235	1,863	4,319	6,182
Bracebridge.....	15	14	1	4 7	65	65	0	1,716	0	1,716
Brampton.....	24	8	0	1 9	84	19	65	235	459	694
Brantford.....	24	22	3	11 0	183	62	121	1,405	2,626	4,032
Brockville.....	33	24	5	14 5	193	79	114	1,485	3,830	5,315
Cayuga.....	12	19	1	7 2	328	25	303	1,470	1,154	2,624
Chatham.....	40	47	16	29 1	397	181	216	4,286	6,341	10,627
Cobourg.....	24	22	4	12 3	183	62	121	2,038	2,486	4,524
Cornwall.....	17	30	9	12 7	296	114	182	2,683	4,634	7,317
Fort Frances.....	10	19	1	6 4	114	114	0	2,360	0	2,360
Goderich.....	16	17	0	6 0	121	54	67	1,277	900	2,177
Gore Bay.....	11	9	1	4 1	45	45	0	1,500	0	1,500
Guelph.....	18	27	0	11 4	202	73	129	1,382	2,789	4,171
Haileybury.....	32	92	36	61 5	532	532	0	22,470	0	22,470
Hamilton.....	60	87	39	59 3	1,046	275	771	7,183	14,454	21,637
Kenora.....	26	40	9	22 7	244	220	24	8,129	182	8,311
Kingston.....	49	43	11	24 0	276	90	186	2,457	6,285	8,742
Kitchener.....	43	32	4	17 8	333	66	267	1,605	4,890	6,495
Lindsay.....	24	15	2	6 3	65	37	28	1,602	688	2,290
London.....	59	60	23	43 2	921	137	784	2,596	13,190	15,786
L'Orignal.....	18	22	5	11 0	125	68	57	2,320	1,711	4,031
Milton.....	19	17	1	8 2	122	31	91	1,269	1,738	3,007
Napanee.....	18	13	0	4 6	76	32	44	1,337	344	1,681
North Bay.....	59	62	8	30 2	616	616	0	11,016	0	11,016
Orangeville.....	22	11	2	4 9	48	16	32	751	1,062	1,813
Ottawa.....	84	73	31	53 2	1,337	327	1,010	10,981	8,420	19,401
Owen Sound.....	32	26	8	15 4	171	67	104	2,510	3,118	5,628
Parry Sound.....	22	17	4	9 1	136	136	0	3,325	0	3,325
Pembroke.....	24	25	8	14 7	166	77	89	2,860	2,523	5,383
Perth.....	18	17	1	9 5	99	20	79	878	2,622	3,500
Peterborough.....	12	37	5	16 1	205	78	127	2,921	2,973	5,894
Picton.....	18	11	1	3 6	54	16	38	494	810	1,304
Port Arthur.....	74	90	39	59 3	889	187	702	4,901	16,627	21,528
St. Catharines.....	36	19	3	10 4	198	37	161	867	2,930	3,797
St. Thomas.....	16	24	5	11 4	201	76	125	1,684	2,482	4,166
Sandwich.....	111	59	25	41 6	670	189	481	6,606	8,558	15,164
Sarnia.....	12	37	5	20 4	270	88	182	2,828	4,632	7,460
Sault Ste. Marie.....	23	61	17	29 2	298	298	0	10,691	0	10,691
Simcoe.....	20	18	0	7 9	226	64	162	1,462	1,416	2,878
Stratford.....	30	22	4	12 3	182	61	121	1,207	3,290	4,497
Sudbury.....	69	77	26	49 2	1,003	1,003	0	17,951	0	17,951
Toronto.....	224	210	94	165 2	6,789	1,382	5,407	15,240	45,041	60,281
Walkerton.....	24	19	3	8 3	89	28	61	1,759	1,282	3,041
Welland.....	51	56	4	21 3	378	121	257	2,466	5,292	7,758
Whitby.....	17	27	8	17 0	231	116	115	3,682	2,534	6,216
Woodstock.....	32	14	5	8 7	182	47	135	1,163	2,008	3,171
	1,662	1,752	492	57 3	20,916	7,562	13,354	185,211	194,445	379,656

No. 6

average number of prisoners during the year.

per day of each prisoner for the year ending September 30th, 1934.

Cost of fuel, food and clothing	Total of officials' salaries	Cost of repairs	Total gaol expenditure for maintenance for the year	Average Cost of each prisoner per day	Average cost per day for fuel food and clothing	Daily per capita dietary cost
\$3,711.16	\$3,524.93	\$ 382.18	\$7,618.27	\$1.25	\$.607	\$ 125.3
2,808.33	3,195.00	238.00	6,241.33	1.01	.455	.1257
513.72	1,550.00	31.58	2,095.30	1.22	.300	.1158
754.97	1,724.00	75.59	2,554.56	3.68	1.088	.1202
1,726.50	5,909.16	300.00	7,935.66	1.97	.428	.1240
2,048.13	2,403.10	305.16	4,756.39	.89	.385	.1300
607.82	2,240.00	Nil	2,847.82	1.08	.231	.0975
3,195.05	5,070.00	241.66	8,506.71	.80	.300	.0939
3,762.23	2,377.50	821.31	6,961.04	1.54	.832	.1584
2,332.41	3,682.60	355.95	6,370.96	1.37	.503	.1234
535.00	3,419.25	Nil	3,954.25	1.67	.226	.1213
1,247.03	2,175.00	66.57	3,488.60	1.00	.573	.0993
1,010.49	1,326.88	36.22	2,373.59	1.58	.674	.2072
998.94	4,455.50	Nil	5,454.44	1.31	.239	.2018
6,283.62	9,373.00	Nil	15,656.62	.70	.280	.1212
6,668.00	16,953.00	691.00	24,312.00	1.12	.308	.1785
3,911.06	7,018.31	537.66	11,467.03	1.38	.470	.1385
1,956.05	3,926.00	539.71	6,421.76	.73	.226	.1139
2,724.34	4,360.00	2,321.68	9,406.02	1.45	.419	.1317
1,185.25	2,574.50	100.67	3,860.42	1.68	.518	.1231
4,856.97	13,440.40	400.52	18,697.89	1.18	.308	.1158
807.00	1,927.00	145.00	2,879.00	.71	.071	.2154
781.25	2,067.00	86.48	2,934.73	.97	.260	.1170
921.76	1,600.00	5.10	2,526.86	1.50	.548	.1275
3,765.25	8,047.81	210.29	12,023.35	1.09	.342	.1129
1,090.93	2,725.00	129.18	3,945.11	2.17	.602	.1426
12,027.52	10,868.60	367.10	23,263.22	1.20	.620	.1565
2,240.87	3,466.00	Nil	5,706.87	1.01	.398	.1158
1,170.72	4,027.50	45.00	5,243.22	1.70	.352	.1451
1,204.46	2,993.00	Nil	4,197.46	.78	.224	.1051
1,450.07	2,400.00	274.40	4,124.47	1.18	.414	.1114
1,695.63	2,732.00	79.50	4,507.13	.76	.293	.1216
375.13	1,235.00	280.71	1,890.84	1.45	.288	.1359
8,755.65	11,527.00	Nil	20,282.65	.94	.405	.1454
2,568.70	2,635.00	153.04	5,356.74	1.41	.677	.1509
2,146.28	4,445.25	41.12	6,632.65	1.59	.515	.1422
6,614.53	12,131.00	551.52	19,297.05	1.27	.436	.1180
1,971.85	3,695.00	710.93	6,377.78	.85	.264	.1165
4,932.88	5,467.74	314.02	10,714.64	1.00	.461	.1277
1,134.56	2,575.00	55.86	3,765.42	1.31	.394	.1172
1,822.74	2,712.50	147.15	4,682.39	1.04	.405	.0874
6,639.39	10,932.50	100.00	17,671.89	.98	.370	.1601
16,574.08	49,216.34	12,662.89	*78,453.31	1.30	.275	.1041
681.18	1,944.68	21.97	2,647.83	.87	.224	.1355
2,305.36	6,005.96	545.91	8,857.23	1.14	.297	.1342
2,918.60	3,130.40	858.31	6,907.31	1.11	.470	.1357
2,435.30	2,314.00	448.62	5,197.92	1.64	.768	.0897
<b>\$141,868.76</b>	<b>\$263,519.41</b>	<b>\$25,679.56</b>	<b>\$431,067.73</b>	<b>1.135</b>	<b>.373</b>	<b>.1291</b>

## MOVEMENT OF

Name of Gaol	Number of prisoners remaining in custody (on remand) on Oct. 1st, 1933			Number of prisoners remaining in custody (awaiting trial) on Oct. 1st, 1933			Number of prisoners remaining in custody (serving unexpired sentences) Sept. 30th, 1933			Number of prisoners committed during year ending Sept. 30th, 1934			Total number of prisoners in custody during the year		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie.....	1	2	3	1	1	1	17	1	18	224	7	231	242	11	253
Belleville.....	2		2	1		1	26		26	274	22	296	303	22	325
Bracebridge.....							4	2	6	63	2	65	67	4	71
Brampton.....							3		3	82	2	84	85	2	87
Brantford.....	3		3				10		10	177	6	183	190	6	196
Brockville.....	6		6				13	1	14	186	7	193	205	8	213
Cayuga.....							5		5	324	4	328	329	4	333
Chatham.....	7		7				13	2	15	373	24	397	393	26	419
Cobourg.....	4		4	1		1	9	1	10	177	6	183	191	7	198
Cornwall.....							16		16	290	6	296	306	6	312
Fort Frances.....	1		1	1		1	4		4	111	3	114	117	3	120
Goderich.....	1		1				4		4	119	2	121	124	2	126
Gore Bay.....							4		4	43	2	45	47	2	49
Guelph.....							24		24	191	11	202	215	11	226
Haileybury.....	1		1	2		2	83	2	85	507	25	532	593	27	620
Hamilton.....	13		13	7		7	51	1	52	959	87	1,046	1,030	88	1,118
Kenora.....							21		21	228	16	244	249	16	265
Kingston.....	1		1	3		3	24		24	271	5	276	299	5	304
Kitchener.....	3		3				23		23	303	30	333	329	30	359
Lindsay.....	2		2				10		10	61	4	65	73	4	77
London.....	5		5	3		3	35	2	37	847	74	921	890	76	966
L'Orignal.....	2		2	3		3	4		4	119	6	125	128	6	134
Milton.....				3		3	5		5	118	4	122	126	4	130
Napanee.....							2		2	75	1	76	77	1	78
North Bay.....							32		32	578	38	616	610	38	648
Orangeville.....							1	1	2	48		48	49	1	50
Ottawa.....	9	4	13	3		3	45	8	53	1,280	57	1,337	1,337	69	1,406
Owen Sound.....	4		4				11		11	165	6	171	180	6	186
Parry Sound.....							6	1	7	131	5	136	137	6	143
Pembroke.....	1		1	1		1	12		12	162	4	166	176	4	180
Perth.....	6		6	5		5	15		15	96	3	99	122	3	125
Peterborough.....	4		4				15		15	193	12	205	212	12	224
Picton.....				1		1	3		3	53	1	54	57	1	58
Port Arthur.....	6	1	7				50	1	51	841	48	889	897	50	947
St Catharines.....							6		6	192	6	198	198	6	204
St. Thomas.....	4		4				17		17	195	6	201	216	6	222
Sandwich.....	16	1	17				36	1	37	642	28	670	694	30	724
Sarnia.....	5	1	6				11		11	256	14	270	272	15	287
Sault Ste. Marie.....	5	1	6	3		3	45	1	46	276	22	298	325	28	353
Simcoe.....	2		2	2		2	6		6	215	11	226	225	11	236
Stratford.....							11		11	168	14	182	179	14	193
Sudbury.....	2		2	1		1	33	1	34	931	72	1,003	967	73	1,040
Toronto.....	22	1	23	16		16	75	8	83	6,360	429	6,789	6,473	438	6,911
Walkerton.....	3		3	1		1	14		14	86	3	89	104	3	107
Welland.....	3		3	3		3	45	3	48	359	19	378	410	22	432
Whitby.....	5		5				14		14	223	8	231	242	8	250
Woodstock.....	2		2				8		8	172	10	182	182	10	192
	151	11	162	60	1	61	921	37	958	19,744	1,172	20,916	20,872	1,225	22,097



GAOL POPULATION

Number of discharges on bail			Number acquitted on trial and discharged from custody			Number discharged by order of judge or court without trial			Number of prisoners with option of a fine or gaol term who paid fines and were discharged direct		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
8	3	11	5		5				12	1	13
17	3	20	48	6	54				11	1	12
1		1	1		1				2		2
			17		17	2		2	16	2	18
14		14	28	1	29				5		5
9	1	10	18	1	19	3	2	5	16		16
2		2	10	3	13				6		6
35	2	37	13	1	14				22	2	24
18	1	19	11	2	13	1		1	8		8
8		8	31		31				24	1	25
15		15	10		10				28	1	29
17		17	7		7	3		3	16		16
	1	1	3		3				2		2
15		15	39	2	41				3	2	5
3		3	6		6	5		5	2	1	3
55	6	61	128	21	149				52	3	55
1		1	20	10	30				12		12
2	1	3	17	1	18				15		15
17	1	18	71	8	79				32	1	33
5		5							1		1
34		34	228	31	259				45	2	47
4		4		1	1	33		33	6		6
1		1	6	2	8				12	1	13
3		3	10		10	7		7	6		6
5		5	18	1	19				25	1	26
3		3	1		1	2		2	1		1
34	4	38	325	24	349				37		37
6		6	13	1	14	1		1	9		9
6		6	23	1	24				5		5
6		6	6		6				4		4
			6	1	7				3		3
6	1	7	14	1	15				6		6
									2		2
2		2	58	7	65				102	9	111
2		2	30	2	32				10		10
24	2	26	14	1	15	8		8	9		9
88	3	91	40	2	42	4	1	5	31		31
29	1	30	32	3	35				24	3	27
1		1				82	4	86	13		13
3		3	20		20	4		4	46	1	47
11	3	14							11	2	13
71	8	79	72	15	87				92	6	98
1,190	114	1,304	1,265	155	1,420				347	15	362
10	1	11	2		2				5		5
19	3	22	20	2	22	4		4	27	1	28
19	1	20	30	1	31				11		11
20	3	23	5	1	6	4		4	15	1	16
1,839	163	2,002	2,721	308	3,029	163	7	170	1,189	57	1,246

## MOVEMENT OF

Name of Gaol	Discharged on suspended sentences			Discharged for any other reasons			Sentenced to gaol and discharged on expiration of sentence			Sentenced and transferred to reformatory, industrial farm school, refuge, penitentiary, and other places of confinement		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie.....	13		13	22		22	105	3	108	55	3	58
Belleville.....	8		8	23	2	25	135	5	140	47	4	51
Bracebridge.....		2	2	2		2	33		33	24	2	26
Brampton.....	15		15				21		21	13		13
Brantford.....	12		12	3		3	94	2	96	22	2	24
Brockville.....	12	1	13	16	1	17	88	2	90	32		32
Cayuga.....	6		6	6	1	7	293		293	2		2
Chatham.....	70	11	81	3		3	174	6	180	51	3	54
Cobourg.....	20	2	22	12		12	74		74	40	2	42
Cornwall.....	35	3	38	4		4	89		89	98	2	100
Fort Frances.....	19		19	5		5	26	1	27	9	1	10
Goderich.....	16	1	17	1		1	43		43	17	1	18
Gore Bay.....	1		1	1		1	23	1	24	9		9
Guelph.....	6		6				57		57	65	4	69
Haileybury.....	5		5				406	13	419	81	8	89
Hamilton.....	100	18	118	13		13	399	13	412	226	22	248
Kenora.....				7		7	161	5	166	17	1	18
Kingston.....	12		12	37	2	39	131	1	132	48		48
Kitchener.....	46	3	49	10		10	85		85	61	14	75
Lindsay.....	12	1	13	7		7	27	2	29	16	1	17
London.....				60	3	63	383	32	415	92	5	97
L'Original.....	1		1	10		10	35	3	38	20		20
Milton.....	13		13	2		2	69	1	70	13		13
Napanee.....	7		7	2		2	27	1	28	14		14
North Bay.....	20	9	29	16	3	19	421	8	429	74	13	87
Orangeville.....	6		6	11		11	17	1	18	3		3
Ottawa.....	126	8	134	20		20	632	17	649	101	14	115
Owen Sound.....	13	2	15	18	1	19	78		78	32	2	34
Parry Sound.....	2		2	4	2	6	74	1	75	16	2	18
Pembroke.....	5	1	6	19		19	96		96	26	1	27
Perth.....		2	2				88		88	17		17
Peterborough.....	13	2	15	5		5	120	4	124	32	3	35
Pictou.....					1	1	46		46	5		5
Port Arthur.....	13	4	17	63	13	76	328	10	338	285	6	291
St. Catharines.....	13		13	10		10	97		97	31	3	34
St. Thomas.....	34	1	35	11		11	70		70	33	2	35
Sandwich.....	75	2	77	31	7	38	273	6	279	114	7	121
Sarnia.....	18	1	19				109	6	115	37	1	38
Sault Ste. Marie.....				10	1	11	164	15	179	39	7	46
Simcoe.....	26	2	28	27	1	28	50	4	54	33	3	36
Stratford.....	33	2	35	15	1	16	80	1	81	14	4	18
Sudbury.....	14	3	17	7	2	9	421	19	440	248	16	264
Toronto.....	85	2	87	63	6	69	1,381	41	1,422	1,961	94	2,055
Walkerton.....	4	2	6	10		10	42		42	22		22
Welland.....	31	3	34	13	2	15	203	8	211	72	2	74
Whitby.....	9	1	10	23	3	26	105		105	30	1	31
Woodstock.....	37	3	40	6	1	7	63		63	18	1	19
	1,006	92	1,098	628	53	681	7,936	232	8,168	4,355	257	4,572

GAOL POPULATION

Sentenced and deported direct			Died before trial			Died while under-going sentence			Escaped and not recaptured during year			Number remaining in custody (on remand) Sept. 30th, 1934			Number remaining in custody (awaiting trial) on Sept. 30th, 1933			Number remaining in custody (serving unexpired sentences) on 1933			Totals		
																					M.	F.	T.
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
...	...	...	...	...	...	...	...	...	...	...	...	4	...	4	1	...	1	17	1	18	242	11	253
...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	13	1	14	303	22	325	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	1	...	1	67	4	71	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	85	2	87	
1	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	10	1	11	190	6	196	
...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	...	...	8	...	8	205	8	213	
...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	1	...	1	...	1	329	4	333	
...	...	...	...	...	...	...	...	...	...	...	...	6	...	6	...	...	19	1	20	393	26	419	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	6	...	6	191	7	198	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	15	...	15	306	6	312	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	3	...	3	117	3	120	
...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	...	2	...	2	124	2	126	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	6	...	6	47	2	49	
...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	5	3	8	24	24	215	11	226	
2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	77	5	82	593	27	620	
3	1	4	...	...	...	...	...	...	...	...	...	11	3	14	3	...	3	40	1	41	1,030	88	1,118
1	1	...	...	...	...	1	...	1	...	...	...	1	...	1	1	...	1	27	...	27	249	16	265
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	37	...	37	299	5	304	
...	...	...	...	...	...	...	...	...	...	...	...	3	3	6	...	...	4	...	4	329	30	359	
1	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	3	...	3	73	4	77	
...	...	...	...	...	...	...	...	...	...	...	...	12	...	12	2	2	4	34	1	35	890	76	966
...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	3	1	4	14	...	14	128	6	134
...	...	...	...	...	...	...	...	...	...	...	...	4	...	4	3	...	3	3	...	3	126	4	130
...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	77	1	78	
1	1	2	...	...	1	1	...	...	...	...	...	4	1	5	...	...	25	1	26	610	38	648	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	5	49	1	50	
4	1	5	...	...	...	...	...	...	...	...	...	19	...	19	...	...	39	1	40	1,337	69	1,406	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	9	...	9	180	6	186	
...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	...	5	...	5	137	6	143	
...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	...	...	11	2	13	176	4	180	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	7	...	7	122	3	125	
...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	...	14	1	15	212	12	224	
...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	3	...	3	57	1	58	
6	6	1	1	...	...	...	...	...	...	...	...	1	...	1	1	...	37	1	38	897	50	947	
...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	4	1	5	198	6	204	
...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	3	...	9	...	9	216	6	222	
2	2	...	...	...	...	...	...	...	...	...	...	10	1	11	1	...	15	1	26	694	30	724	
1	1	...	...	...	...	...	...	...	...	...	...	4	...	4	...	...	28	...	18	272	15	287	
...	...	...	...	...	...	...	...	...	...	...	...	5	1	6	...	...	11	...	11	325	28	353	
...	...	...	...	...	...	1	1	...	1	...	1	11	...	11	...	...	4	...	4	225	11	236	
...	...	...	...	...	...	...	...	...	...	...	...	4	1	5	...	...	10	...	10	179	14	193	
...	...	...	...	...	...	...	...	...	...	...	...	4	...	4	2	...	36	4	40	967	73	1,040	
13	13	...	...	...	...	...	...	...	...	...	...	58	7	65	16	1	17	94	3	97	6,473	438	6,911
...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	1	...	1	5	...	5	104	3	107
7	7	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	13	1	14	410	22	432	
1	1	...	...	...	...	...	...	...	...	...	...	2	...	2	...	...	12	1	13	242	8	250	
3	3	1	1	...	...	...	...	...	...	...	...	1	...	1	2	...	7	...	7	182	10	192	
46	3	49	2	...	2	2	...	2	2	...	2	192	18	210	57	7	64	768	28	796	20,872	1,225	22,097







**Fourth Annual Report**  
OF THE  
**Minister of Public Welfare**  
and  
**Municipal Affairs**  
Province of Ontario  
**1933-1934**

PRINTED BY ORDER OF  
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TORONTO  
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1935





TO THE HONOURABLE,  
The Lieutenant-Governor.

I have the honour to present to you the report of the Department of Public Welfare for the year 1933-34.

DAVID A. CROLL,  
Minister of Public Welfare.

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# Report of The Minister of Public Welfare 1933-1935

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In presenting this the fourth Annual Report of the Department of Public Welfare, I desire to draw attention to the changes begun or completed in the organization of several of the branches of the Department. Each service has been reviewed, or was under consideration, at the end of the year with a view to increasing effectiveness and reducing the cost of administration.

## OLD AGE PENSIONS

The economic pressure of the last five years has increased the number of Old Age Pensioners far beyond the first estimates. The end of the fiscal year found 48,928 persons receiving Old Age Pensions, an increase of 3,699 over the number in receipt of pensions as of October 31st, 1933.

During the year 10,066 new cases were considered. Of these 9,513 were granted either full or part pension while 1,534 were refused. The most frequent grounds for refusal were as follows:- Income from assets larger than the legal limit; lacking the required term of residence, and not seventy years of age at the time of application.

Appeals were made on a great variety of grounds, not infrequently on the inability of children to help any longer. The appeals received careful consideration and where justified, an increase was granted.

The co-operation among the pensionable provinces is most commendable. The Inter-Provincial arrangement enables the pensioner who has spent his twenty years of residence in two or more Provinces to receive his pension promptly from the pensionable Province in which he lives. The necessary adjustments are made quarterly among the Provinces on the bases of balances due.

Collections from the estates of deceased pensioners for the year amounted to \$57,485.95; this is \$7,377.34 in excess of the collections for the previous year. Each case is carefully examined and where exceptional care has been given by a relative of the pensioner during the three years prior to his demise, due consideration is given in the settlement of the claim. Two conditions render the work difficult. Occasionally executors pay all other claims and forget the claim of the Commission; occasionally nobody appears to be sufficiently interested to administer the estate.

After a careful examination of the Old Age Pensions administration I decided that a re-organization might be effected which would speed up the granting of pension, and at the same time lessen the cost of administration.

Two elements entered into the time taken. First, the Local Boards receiving and considering the application met usually once a month and the applications were held for their meeting. Second, after the applications had been forwarded to this Department they were returned to the Government Inspector who investigated the accuracy of the application and this again took time. The cost was occasioned by the per diem and travelling expenses of the Local Boards and the salaries and travelling expenses of the Inspectors. These two items totalled somewhere in the neighborhood of One Hundred and Twenty Thousand Dollars.

In effecting the change the Local Boards were abolished and the Inspectors released. By the inauguration of a new system applications are

taken by the Municipal Clerks. The truthfulness of the application in detail is attested by the applicant before a Judge, Magistrate or other persons authorized to take affidavits. These applications are then forwarded to the Department for consideration. If the officials of the Department should deem special investigation necessary, the Provincial Relief Inspectors are asked to make this investigation, thus linking up two important Government welfare interests.

As the applications come to the Department from the Municipal Clerks they are most satisfactory because of the accuracy and completeness with which they are being made and the aim to hasten the granting of the pension and to reduce the expenditure has been accomplished.

### MOTHERS' ALLOWANCES

Two factors have had a very decided bearing in increasing the numbers of mothers receiving allowance during the year. First, there has been an increase in the number of totally and permanently incapacitated husbands placed on the list. Every case has been carefully investigated. The reasons for this increase are not readily discernable.

A further cause contributing to increase in the number receiving allowance arose from the legislation of 1934 which permitted a mother with one child under sixteen and one child over sixteen in attendance at school to continue receiving allowance until the child at school became eighteen. This condition permitted children to finish some definite training unit in school and to enter life much better equipped.

October 31st, 1934, found 7,064 mothers and 20,589 children benefiting from the allowances.

In order to avoid the necessity of having several inspectors cover the same area, I determined to link up the Mothers' Allowances investigation with the administration of relief. The Local Boards who give their services voluntarily will continue to receive applications and make recommendations thereon. Where investigation is required, or assistance in home management and supervision of expenditure are required, this will be done by the local Relief Officer or the home visitor. This combining of services will eliminate a staff of eighteen Investigators and reduce travelling expenses correspondingly.

### CHILDREN'S AID SOCIETY

This has been an exceedingly significant year in the history of this Society. Two important investigations were completed during the year. (1) An investigation into certain charges concerning the treatment of the children in the Shelter at Windsor and (2) Charges concerning the inefficiency of the Children's Aid Superintendent of York County. In both cases the Commissioners responsible for conducting the investigation found the charges substantiated by the evidence produced. The Society in each case was dissolved by Order-in-Council and steps were taken immediately to re-organize along lines of modern child welfare concepts.

In the month of June Mr. B. W. Heise, Children's Aid Superintendent of Hamilton was appointed to this branch of the Department as Field Officer for the Society. His first work was a complete survey of the local Societies of the Province and the preparation of recommendations which would lead to increased effectiveness on the part of the local Societies.

These recommendations have become regulations placing the Department in an entirely new relation to the local Societies. The local Societies retain their autonomous character but they are graded on the quality of the work

done, the type of organization established, the system of records installed, and the qualifications of the staff. Grants varying from One Hundred Dollars to Two Thousand Dollars are paid on the basis of the grading.

To aid in establishing the new organization and in the supervising of the work Miss V. M. Fleming, M.A., B.Sc. and Mr. L. C. Ecker, Superintendent of the Oxford County Children's Aid Society, have been added to the Departmental Inspectoral staff. Miss Fleming has had a wide training in welfare and social service work both on this continent and in Europe, and her addition to the staff is a decided acquisition. Mr. Ecker brings with him an enviable record of successful experience in Children's Aid work. Mr. Heise has been appointed Provincial Officer of the Children's Aid Society. It is anticipated that a fresh impetus has been given to the work of protecting the neglected child in the Province.

In July 1934, Mr. J. J. Kelso who for 41 years guided the affairs of the Society as Provincial Officer was superannuated as was also Mr. Wm. O'Connor who for 35 years acted as Children's Aid Inspector.

### THE CHILDREN OF UNMARRIED PARENTS ACT

The purpose of this Act is to secure protection for the child born of an unmarried mother. In some cases no action is required as the unmarried mother or her parents assume responsibility for the child. In other cases private settlement with consent of the Provincial Officer is made. The work of this branch of the Department of Welfare consists chiefly of the enforcement of the Act in Toronto and the collection of payment throughout the Province on court orders or agreements, and the administration of these funds for the benefit and protection of the child.

During the year 412 new cases were added to the collections as against 420 of last year. The total collections for the year were \$68,248.04 while the disbursements for the year were \$81,889.69. The excess of the disbursement over collections is explained by the fact that a considerable sum, from lump sum settlements is carried by the Public Trustee. The work of collection is rendered difficult by the financial conditions. The collections for the year show a slight decrease in total collections but an increased number of individual payments.

In view of the importance of this branch of child protection steps were taken to increase the effectiveness of its operation. Miss L. Colter, Barrister, Solicitor, etc. was given charge and her legal training gives guidance in this branch of the work and facilitates the handling of the cases.

An experienced Inspector was appointed to deal with the actual preparation of cases for presentation in the courts, and it is anticipated that this group of children, so generally suffering social handicap, will receive greatly improved protection.

### ADOPTIONS

A most encouraging part of the Children's Protection activities is the work of adoption. During the year 708 children were legally adopted into suitable homes and thus found assurance of opportunity for the future while the adoptive homes were enriched by the presence of these desirable children.

In this branch of the Department we are insisting, so far as possible, on trained social workers and on the employment of modern scientific methods.

### INDUSTRIAL SCHOOLS

The policy adopted by the Advisory Board of a regular and frequent review of the case presented by each resident of an Industrial School has reduced the average length of the time spent by boys and girls in these schools,

and to a consequent reduction in the number on the registers. This method has also led to an increased use of the work or paid foster home, a practice which has undoubtedly proven beneficial to the boy or girl involved. There is, however, another side to this question. These schools are maintained and directed by religious organizations or private enterprise and their ability to function effectively depends to no small extent upon the per diem payments made by the municipalities and the Provincial Government. The decreasing numbers affected materially the available funds of the various institutions and made improvement in training facilities almost impossible.

I determined to review the whole situation and for that purpose appointed a representative committee comprising persons outstanding in social service, education, and law to investigate fully the requirements of this Province along the lines of training institutions for juveniles. The Committee was instructed to spare no effort and to report at the earliest possible date. The following persons were appointed to the Committee:-

Chairman: Judge H. S. Mott, Juvenile Court, Toronto,

Secretary: M. A. Sorsoleil, Deputy Minister of Public Welfare,

Mrs. J. Wesley Bundy, Past President, Ontario Branch of  
the National Council of Women,

Dr. Duncan McArthur, Deputy Minister of Education,

Dr. B. T. McGhie, Deputy Minister of Hospitals,

Mr. Frank Sharpe, General Secretary, Big Brothers Ass.,

Miss Ada Birch, Matron of the Orphans' Home, Kingston,

Mr. Martin Cohn, Executive Director of Jewish Philanthropies,

Mr. Hector MacNeil, Director, Columbus Boys Club,

Mrs. R. B. Colloton, President, Federation of Women's  
Institutes,

Mr. W. L. Scott, K.C., Ottawa, Ontario,

**Madam P. E. Marchand, Ottawa, Fédération des Femmes  
Canadiennes-Françaises,**

Miss Charlotte Whitton, Executive Director, Canadian  
Council on Child and Family Welfare,

Mr. I. A. Humphries, K.C., Deputy Attorney General,

Mr. C. F. Neelands, Deputy Provincial Secretary.

I felt, however, that it was not safe to permit the boys to remain longer at Victoria School, Mimico. The buildings were not fire-proof and much of the electrical transmission was unsafe, and the fire hazard was increased because of low water pressure at the school. Consequently, with the consent of the Toronto Industrial Schools Association, I instructed my Deputy Minister to have all the residents removed to Bowmanville, or placed in foster homes at the earliest possible moment. It should be noted that, while the factors mentioned are decreasing the numbers remaining in the schools, the commitments from the various municipalities are also decreasing.

#### INDUSTRIAL SCHOOLS ADVISORY BOARD

The Board continues to hold its sessions regularly and during each quarter receives a report on every boy or girl in the Industrial Schools. The Board makes recommendations as to the placement in foster homes or release from the school, and in other matters pertaining to the welfare of the residents of the school.

As the transfer of the boys from the Victoria Industrial School, Mimico, somewhat broadened the work of the Advisory Board, I felt that the Service Clubs which had been so keenly interested in the work of the Training School

at Bowmanville should be represented on this Board. Mr. W. R. Cockburn and Mr. G. Hambly were appointed to this Board as representatives of Service Clubs. These two gentlemen were intimately acquainted with the work of the Bowmanville School and I decided that their contact would be a valuable asset to the Industrial Schools Advisory Board.

### TRAINING SCHOOLS

The Ontario Training School for Girls, Galt, Ontario, has reached the limit of its present accommodation — forty-seven girls being in residence for training. Towards the end of the year six girls were adjudged sufficiently stabilized to be permitted to leave the school. Three returned to their homes and three were found excellent positions. Reports concerning these three girls are very satisfactory.

In addition to regular academic school training each girl receives vocational training in clothing, foods, laundry and household management. The girls have the privilege of selecting, with the concurrence of the Superintendent, additional subjects out of the following: Commerce, salesmanship, hair dressing, dental office assistant, and power machine operating. Careful attention is given to religious instruction, and also to physical training and to the development of hobby interests.

During the first two weeks of July the school camped near Goderich. The work of the camp was completely organized for instruction and play and the freer relationships of camp life were most helpful to the girls.

### ONTARIO TRAINING SCHOOL FOR BOYS, BOWMANVILLE

The fine spirit of freedom which has characterized this school continues and generally the boys are measuring up to the standards established by the honour system.

The regular academic school courses were closely followed and as a result twenty-nine presented themselves for the Entrance Examination. Of these twenty-five were successful. With the re-opening of the school in September, a group of fifteen undertook the lower school work of the High School course and are making satisfactory progress. The handcraft section of the school was extended to include sheet metal work and draughting of a much more advanced type.

Perhaps the greatest development has been along the line of hobby interest. After the period devoted to evening study the boys generally engage in some form of hobby work, sheet metal work, woodwork, stamp collection, music and other interesting activities occupy their attention.

The Cadet inspection was held on Wednesday, May 30th, 1934, and the boys acquitted themselves in excellent style. The Inspector pronounced the corps the finest in central Ontario. The boys enter into the spirit of the training and profit from the discipline. It is worth noting that in the Annual Durham County Musical competition the Boys' Choir carried off a first prize as did the Harmonica Band. The boy soloist and the soloist from the staff also won prizes.

Considerable work was done on the school plant during the year. It was found necessary to put a new roof on the dining hall, to repair parts of the septic tank outlets, and to paint the exterior of cottages and school buildings. The water system is not yet satisfactory. The well has been harnessed and excellent water is available during four or five days on a stretch. It is not possible yet, however, to do away with the old water system which must be used to supplement the well.

The transfer of the pupils from Victoria Industrial School to Bowmanville was begun during the month of October, and the staff of the Training School gave themselves wholeheartedly to the new task imposed by this transfer and are handling the situation in a satisfactory manner.

A careful examination of the functioning of the Advisory Board led me to conclude that the Board as a whole contributed little to the effectiveness of the schools, although several of the members of the Board as individuals were most generous in their gifts to the schools and eager to assist in the work of socializing the pupils. As a consequence the Training Schools Advisory Board was dissolved, and as already stated, two of the members very kindly agreed to act on the Industrial Schools Advisory Board which will take over the work of assisting in the placement and release of the students of the Training Schools.

### ORPHANAGES

The year was marked by a change in the attitude of the Department on the management of the Orphanages. The Inspector was instructed to ascertain the length of time spent by each child in these institutions and the Superintendents were urged to use their best endeavours to have the children, wherever possible, placed in foster homes or adopted. Institutional life can never be satisfactorily substituted for the normal life of a home. There are in operation in the Province 46 Orphanages and these institutions afforded shelter for 4,915 children during the year.

The supervision of these institutions has been allocated to the Children's Aid Branch and a short term of residence in the Orphanage will be vigorously adhered to.

The officials in connection with Orphanages will be required to find suitable homes for the adoption of these children wherever children are found to be adoptable, so that the orphan child shall be free from the danger of becoming institutionalized.

### REFUGES

Generally speaking the Refuges are clean and warm and the food is wholesome and abundant. Most of the Refuges are furnishing suitable amusement for the old people being sheltered in the institution, so that life is made more than mere existence. Games are provided, books and papers are furnished, tobacco and candies are supplied and light interesting employment is given to those who wish to work, and religious services are conducted. 8,068 old persons were cared for during the year in the 77 City and County Refuges.

A new Inspector has been appointed to take the place of Major Buckland, recently superannuated. The work of inspection will be carried on with the utmost vigilance and every precaution will be taken to ensure the comfort and care of the aged people within the Refuge and their safety from fire or other hazards.

### ONTARIO SOCIETY FOR CRIPPLED CHILDREN

In the early spring the Department in conjunction with the Society for Crippled Children and other Service and Welfare organizations carried on a crusade for the purpose of interesting the public in this type of work. Many addresses and radio talks were given with a view to enlisting sympathy for the work. The public responded earnestly to the appeals and as a consequence plans are under way for the solution of one of the great problems in this type of humanitarian endeavour — vocational training for the boy and girl hampered by such a handicap.



To meet this requirement a Committee has been appointed by the Society to ascertain the number of educable crippled children in the City of Toronto, the occupations in which these children might find a place, the kind of training suited for them, and the type of building and equipment required to meet these needs. This is an advanced step in the work of caring for crippled children.

### SOLDIERS' AID COMMISSION

This organization came into existence during war days when citizens were straining every nerve to finance our share of war expenditure and to care for those suffering loss and grief through war service. As the years passed the Commission continued to function but in a much more limited way. Trust Funds ear-marked for definite types of expenditure became exhausted; other organizations came into the field and gave assistance to veterans in need, and military and service pensions met the requirements of many. At the Soldiers' Aid Commission Hostels there were still twenty-seven minors being taken care of and the Commission still employed a considerable staff.

I determined to investigate the field of service occupied by the Commission, to ascertain how to make it of still greater service to the returned men, and their families and to render as effective as possible the expenditures by this organization.

Consequently in September a Committee was appointed to investigate the nature of the work carried on by the Commission, to define the possible scope of its activities and to make necessary recommendations, always having in view the greatest possible service to the returned men.

The Committee was representative of the various soldier welfare activities and comprised the following persons:-

Chairman: Lt. Col. W. H. Scarth, Canadian Legion.

Secretary: M. A. Sorsoleil, Deputy Minister of Welfare.

General John A. Gunn, Last Post Fund.

Mr. S. Gregory, Canadian Legion.

Capt. E. Baker, Canadian National Institute for the Blind.

Mr. Frank McDonagh, Canadian Pensioners Association.

General V. A. S. Williams, Canadian Legion.

Capt. B. Handley Geary, V.C., Vice President Imperial Officers Association and Vice President Veterans Corps.

Dr. F. W. Routley, Secretary, Canadian Red Cross Society.

Lt. Col. E. N. G. Lidstone, Man. Secty. Poppy Fund Toronto, Inc.

The Committee reported its findings on the 30th day of October, 1934. The recommendations gave due credit for what had been accomplished by the Commission and recommended the combining of the two branches, the Veterans' Welfare Bureau and the Soldiers' Aid Commission. It further stated that the proper field of service for the Commission was largely that of a clearing house for Veterans' Welfare requirements, but while operating in this capacity, the Commission should continue to give emergency assistance, to administer its special trust funds, and to care for the wards of the organization. It was further recommended that there should be a re-organization of the Commission and of the staff; that the hostels be closed and the offices of the Commission be brought within the central group of Government offices. Effect has been given to these recommendations. Both of the hostels have been closed and the wards placed in satisfactory boarding or working homes. Provision is maintained through the regular visits of two inspectors. The

children are obtaining a taste of home life and the cost of maintenance has been greatly reduced.

On December 18th, 1934, a new Commission was appointed, consisting of:

Chairman: Captain E. A. Baker, Toronto

Secretary: G. W. Pifher, Department of Welfare

Sergeant Charles Brown, Toronto

Dr. Walter Charteris, Chatham, Ontario

Colonel John A. Dewart, Peterborough, Ont.

Major Fred R. Palmer, St. Thomas, Ont.

Colonel Wm. Rhoades, Toronto

Col. T. J. Rutherford, Owen Sound, Ont.

Mr. T. Summers Wilson, Sudbury, Ont.

Major General V. A. S. Williams, Toronto.

The office has been established at No. 11 Queen's Park Crescent. The staff has been reduced to seven persons. The Commission has started with a firm determination to be of service to the returned men. It has already under preparation a pamphlet which will serve as a guide to soldiers requiring assistance. The pamphlet sets forth all organizations giving aid to veterans, together with the amount and character of assistance given.

Regular monthly meetings of the Commission will be held and it is anticipated that the Commission will play an important part in veterans' welfare.

#### UNEMPLOYMENT RELIEF BRANCH

The Service now known as the Unemployment Relief Branch has been in existence since 1930 and has been variously designated as the Unemployment Relief Fund and the Unemployment Relief Department.

Under the preceding Government it existed on a temporary and emergency basis and was not related to the Department of Welfare. Under the present Government it has been designated as the Unemployment Relief Branch of the Department of Public Welfare. It functions under the legislation known as the Unemployment Relief Act 1933 and an amending Act known as the Unemployment Relief Act 1934. It is intended that it shall become formally recognized as a permanent Branch of the Department of Public Welfare.

The work of this Branch has been particularly heavy during the past months owing to necessary re-organization of staff and a general strengthening of both the Office and Field Services.

The Province has been divided into four Administration Divisions with a Supervisor responsible in each Division. These are known as the Western, Central, Eastern and Northern Administration Divisions.

The Northern Administration Division comprises all the Territorial Districts extending from Muskoka and Nipissing in the Southeast to Kenora and Rainy River in the West.

The older part of the Province has been further sub-divided into twelve inspection areas; in each of which there is a trained inspector with auditing experience.

Among the more notable activities of the Unemployment Relief Branch on which report should be made are the following:-

1. A Province-wide registration of persons and families applying for and found to be in need of relief was carried out on a uniform basis. The information obtained through this registration has been very valuable in connection with the re-organization and administration measures which have been taken.

2. The administration of relief in supervised municipalities has demanded and received much attention with the result that relief administration in these areas has become much more consistent and economical than heretofore.

3. Throughout the Territorial Districts there are extensive unorganized areas in which there are many needy families. A well knit administrative service has been brought into existence in these areas where, because of the lack of municipal organization, relief officers are under the immediate direction of the Unemployment Relief Branch. In these areas there has been extensive co-operation with the Department of Northern Development in the selection and employment of men whose families are on relief on the works administered by that Department.

4. The inauguration of a Cash Relief Plan has proved to be an important step in relief policy. A large number of municipalities have taken advantage of this plan under which men who have been recipients of relief are provided with work and paid cash to be administered by themselves in providing food and shelter.

5. One of the important additions to the work of the Unemployment Relief Branch has been the appointment of a small number of trained and experienced women welfare workers. Through these an important service is being rendered to municipalities by providing them with trained consultants and investigation assistance.

6. Studies have been carried out in respect of food allowances and the costs of foodstuffs, fuel and other relief commodities. The appointment of a supervisor of purchasing has already resulted in very considerable reduction in costs and further large savings of this nature are indicated.

7. The revision of policy in respect of relief medical services and medical supplies is an important step. Arrangements have been made through which the Ontario Medical Association has taken responsibility for the detail supervision of medical services to persons and families on relief.

While the above list sets out a number of the major activities of the Unemployment Relief Branch there have been very many matters which have required consideration and decision. A few of these may be indicated.

The period of residence on which relief claims may be based has been extended from three months to twelve months with very beneficial results.

A new category of relief was added by the Province providing for the issuing of school text books and supplies to children belonging to families who are on relief.

The definition of "single person" has been clarified and the claims of such persons to relief have been more clearly set out.

Provision for the carrying on of gardens and the free supply of seed to relief recipients for this purpose has been more carefully organized.

Over a period of months a carefully organized training course was conducted including both instructions in principles of relief administration and practical training in the work.

Before closing this brief record a feeling reference must be made to the very great loss sustained by the Unemployment Relief Branch in the death on December 27th, 1934, of Mr. J. A. Ellis, Secretary and Executive Head of the Branch from the time of its inauguration to the date of his death. It is impossible to calculate the contributions which Mr. Ellis made in the development and shaping of the policies and methods relating to the administration of the Unemployment Relief. His wide knowledge of Municipal Law and of the relationships between the Province and municipalities and of the procedures connected therewith were invaluable and will continue to influence and determine the spirit and course of relief administration in this Province.

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## PART I

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### APPENDICES

- A—Old Age Pensions Commission
  - B—Mothers' Allowances Commission
  - C—Children's Aid Branch
    - Adoption Act
    - Children of Unmarried Parents Act
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  - D—Industrial Schools:
    - St. John's—Toronto
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  - I—Report of the Unemployment Relief Branch
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## PART I

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### APPENDIX A

### Report of The Old Age Pensions Commission

(5th ANNUAL REPORT)

1933-1934

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We beg to submit herewith the Fifth Annual Report of the Old Age Pensions Commission, with a financial statement showing payments made to pensioners during the year ending October 31st, 1934 and also statistical records from November 29th, 1929, when the Act was proclaimed and brought into force in Ontario.

As was expected, the number of pensioners on our list has shown a gradual and steady increase from month to month, and during the past year there has been an increase from 45,229 on the 31st of October, 1933, to 48,928 on October 31st, 1934. We believe the peak has not yet been reached and, if the present financial depression continues, we may yet reach a maximum of 55,000 receiving pensions in Ontario. We hope this may be the limit. Many men over seventy years of age are still quite able and anxious to work and earn a livelihood, but are unable to secure employment. And many pensioners have families of sons and daughters who, under normal conditions, would be able and willing to maintain or assist in the support of their aged parents, but on account of unemployment or other causes, are unable to do so. Our experience in endeavouring to enforce the Maintenance of Parents' Act has not been at all satisfactory. We have found that in over 90% of cases brought before Magistrates no order was made against the children.

The very careful manner in which all cases are being investigated by our Inspectors and the satisfactory co-operation we have received from the local authorities have resulted in a substantial reduction in the number of applicants in receipt of pension and in fixing the amount where the conditions reasonably warrant us increasing or decreasing the monthly allowance.

The amendment to the Regulations giving us power to file a caution in the Registry Offices against the real estate of pensioners has enabled us to secure refunds in many cases which would otherwise not be collectable and under our legal department we are following up numbers of cases and confidently expect a substantial increase in the amount of refund from that source. It is understood, of course, that all refunds are divided and credited to the Dominion, the Province and the Municipality, in proportion to the amount contributed by each. The total amount collected from the estates of deceased pensioners for the past year was \$68,828.40.

It may be interesting to compare the administration of the Act in Ontario with that of other Provinces which have adopted the Act. On looking over the last table prepared by the Dominion Bureau of Statistics and published in the Labor Gazette, we find the percentage of pensioners, as compared to the total of those over seventy years of age in

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Ontario is .....	31.49
Alberta .....	40.14
British Columbia .....	34.75
Manitoba .....	47.50
Nova Scotia .....	42.57
Prince Edward Island .....	23.80
Saskatchewan .....	47.44

One of the problems confronting the Commission is the method of dealing with mortgages held by the applicant as an asset and hitherto computed by the Commission as a liquid asset. Each case is considered on its own merits. Doubtless in time these mortgages will regain much if not all of their value but at present, that is of little assistance to the applicant for pension.

The reorganization of the external administration under the authority of the Minister of Welfare the Hon. David Croll has been productive of an economy in cost and a saving in time. Applications are now made and completed by local municipal authorities—men who know the financial status of the individual of the community. Further investigation is therefore rendered generally unnecessary; the local boards have also been rendered unnecessary by this same method and handling applications with a resultant saving of \$80,000 to the municipalities of the Province.

DAVID JAMIESON, Chairman.

## Report of The Solicitor of the Old Age Pensions Commission

The benefits resulting from the amendment to the Old Age Pensions Act of Ontario passed in the Session of 1933 which empowered the Commission to register a notice in the Registry Office against the property of a pensioner become increasingly manifest. Not only is this legislation found to be efficient in preventing transfers after the granting of the pension but the check-up of title deeds when preparing the notice for registration has often resulted in disclosing some transfer of property previous to making application and which was concealed in the application. Not a few pensions have been cancelled because of information brought to light in this way.

Nineteen hundred and eighty-two notices were registered during the year. The Commission paid in registration fees for registration of notices, discharges and searches, a total of \$1,584.08 during the year.

A very considerable amount of work is involved in the registration of these notices and discharges of notices. The description in each case has to be sufficiently accurate and definite to satisfy the requirements of the Registry Act. In a large percentage of the cases the descriptions in the applications do not conform to these requirements with the result that the pensioners have to be communicated with to forward their title deeds for inspection. These documents must be perused carefully and returned. In many cases registrars have to be written to in regard to the descriptions. In cases arising in Toronto and York where the registry office is convenient, searches are made in the registry office by a representative of the Department. Registry office accounts have to be carefully checked and revised at the end of each month.

The solicitor, with the assistance of the accountant, inspectors and local secretaries, makes the collections against the estates of deceased pensioners and also collects refunds against pensioners whose pensions have been obtained by fraud, misrepresentation or concealment of assets.

During the year \$57,485.95 was collected against estates, \$5,753.60 against pensioners for refund of pensions obtained by fraud, misrepresentation or concealment, and \$5,589.85 for voluntary withdrawals and refunds for over-payments.

The solicitor is in close touch with the Commission and advises in regard to all legal matters that arise in the course of administration.

JESSE BRADFORD, Solicitor.



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**APPENDIX B**

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**Report of  
Mothers' Allowance Commission**

(14th ANNUAL REPORT)

1933-1934

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During the period under review there was increase in the number of applications for allowances. The new applications numbered 2,167 and renewals 990. 1,221 new applications were approved and 870 renewals were granted allowances, 648 applications being refused by the Commission.

Against this number granted, 1,080 names were removed from the pay lists, 538 of these were automatically removed because the qualifying child had reached its 16th birthday, while 542 were removed for other causes.

The number of cases under the Incapacitation Clause increases each year as compared with the number of applicants who are widows; 882 widows made application and 893 applicants were wives of men who were pronounced permanently disabled.

In the 14 years that the Mothers' Allowances Act has been in force the rate of increase has been fairly regular since the first two years of operation, as will be seen by the graphs to be found in the statistical section of this report.

The apparent abnormal increase in 1925-26 is explained by the fact that in that year we commenced to include in our statistics the number of cases that had been on the pay list during part of the year and then cancelled. The actual increase during that year was the normal increase of other years.

The total number of families assisted during the year was 8,144. The number of widows on the pay lists for the year is 4,999 or 61.36% of the total; incapacitation cases 2,341 or 28.75%; desertion cases 587 or 7.23%; foster mother cases 217 or 2.66%.

It may be observed that the number of widows benefitting under the Act is very much in excess of any other class. The Act in the first place was intended for widowed mothers but was extended to include the mother with an incapacitated husband, the deserted mother and in some cases foster mothers.

For the first time the Commission has tabulated its decisions made during the year. The decisions on cases in each county, city and town, as well as the judicial districts will be found in the table in the appendix. The number of decisions, as may be noted, total 6,061. In addition to this a great amount of correspondence, many interviews and telephone calls were attended to.

The percentage of costs of administration of the Act continues to be very low: viz. 2.04%.

The Commission appreciates the splendid co-operation given by the members of the local boards. Every case is carefully considered by the board before it is sent on to the Commission for investigation. In this way there

is a great saving of time between application for allowance and the granting of the same.

The external administration of Mothers' Allowances is in the process of reconstruction. The local boards will continue to receive, consider and make recommendations as to new applications and renewals but effort will be made to tie supervision and administration in with local relief as established by a system of zoning, thus unifying welfare activities and avoiding over-lapping.

D. JAMIESON, Chairman.

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**APPENDIX C**

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**Report of**  
**The Children's Aid Branch**  
FORTY-FIRST ANNUAL REPORT  
1933-1934

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In the correlation between the local semi-autonomous Children's Aid Societies and the Children's Aid branch of the Department of Public Welfare there is carried forward a unique co-operative activity for a programme of child welfare across the Province.

To maintain and strengthen this correlation and develop to the utmost the private and public support and to weld more closely the inter-relation of the various units and the Department has been the programme for the past year.

In a rapid survey of the whole Province many difficulties were found both in the local field and as between local and Department. Steps have been taken to attempt to rectify these. Further to this very definite activity which may be described as an inter-agency relationship, there has been a trend across the Province to deal more adequately with the dependent child on an individual basis rather than in the mass. There is a definite indication that Children's Aid Societies more and more, if they are to do effective work, must consider the child who must be cared for away from his own home as an individual. In order to study more completely each child, the background, personality, physical and mental capabilities, there has been a still further development of the use of boarding homes for placement. Several societies, while not in a position to launch definitely a boarding home system of operation, did place a number of children for a period in the summer. This, they report, opened new community resources and resulted in some free home and adoption placements.

It is of vital significance that the lead has been taken by the Department during the last year to stress even more than ever a principle that has been long recognized in Children's Aid Societies that the preventive phase of their work is a supremely important one. To adjust a potential situation of neglect so that the children may remain in their own home, but that home be made such as to no longer present a cause of neglect, is a phase of work that gives infinite pleasure and satisfaction but one which requires a great degree of efficiency in personnel and operation.

In the field of adoptions there has been a development of the more careful selection of the child for the home. The Mental Health Clinics are used by many societies as a routine in this and other phases of their work. There is also a tendency to encourage adoptive parents to wait for a longer portion of the two year period before completing the adoptions.

The child born out of wedlock still presents a considerable social problem. The Department has been active in its attempt to collect maintenance for these children. Maintenance, however, does not supply all the needs of any child. There has been a definite attempt to emphasize the necessity for each locality to provide personnel to assist the adjustment of the mother and her baby back into the community.

DIRECTORY — CHILDREN'S AID OFFICIALS — ONTARIO  
LOCAL SUPERINTENDENTS AND THEIR PHONE NUMBERS

Algoma	J. P. Reed	Sault Ste. Marie	Office 772J, House 713, Shelter 839.
Brant	J. L. Axford	Brantford	Office 969, House 1598J.
Bruce		Walkerton	
Cochrane	A. G. Carson	Timmins	Office 855, Shelter 550J.
Dufferin	Dr. W. J. Price	Orangeville	Shelter 150.
Elgin	Mrs. E. H. Caughell	St. Thomas	Office 647, House 435.
Essex	W. J. Sample	Essex	Office 285, House 197.
Fort William	Frank Blain	Fort William	South 862.
Frontenac	Rev. Wm. Black	Court House, Kingston	Office 1031, House 1467J.
Grey	A. E. Trout	Owen Sound	Office & House 270J.
Haldimand	C. R. Bilger	Dunnville	Office 201, House 148A.
Haliburton		Haliburton	
Halton	G. F. Thompson	Milton	Office 355, Shelter 211.
Hamilton	B. Beaumont	47 King St. E., Hamilton	Office Baker 1112.
Hastings	T. D. Ruston	28 Cedar St., Belleville	836.
Huron	H. T. Edwards	Goderich	Office 279, House 144.
Kenora	W. S. Carruthers	Kenora	
Kent	F. Appleyard	Chatham	Office 931F.
Lambton	John Wilkinson	Sarnia	Office 83F, House 1521W.
Lanark	Jos. H. Devlin	Perth	Office 171W, House 229.
Leeds & Grenville	C. A. Winters	Brockville	386, House 202J.
Lennox & Addington	W. F. Barrett	Napanee	House 291.
Lincoln	H. Fonger	St. Catharines	Office 1420, House 2833.
London & Middlesex	W. E. Kelly	City Hall, London	Office, Metcalf 1187; House, Metcalf 426.
Manitoulin	H. Pearson	Gore Bay	
Muskoka District	W. D. Forrest	Huntsville	130 Ring 2.
Niagara Falls	Wm. Edge Jones	1419 Morrison St., Niagara Falls	Office 2416, Shelter 1456W
Nipissing District	John Brown	North Bay	Office 1623, Shelter 1303.
Norfolk	Joel Smith	Simcoe	
Northumberland and Durham	K. J. Hodgert	Port Hope	House & Office 227.
Ontario	O. M. Alger	Oshawa	366, House 944W.
Ottawa	Miss J. Long	245 Cooper St., Ottawa	Queen 2596.
Oxford	Eric I. Smit	Woodstock	584.
Parry Sound East	John Hartill	Burk's Falls	House & Office 60.
Parry Sound West		Parry Sound	Shelter 432, Office 33.
Peel	G. F. Thompson	Box 224, Milton	Office 355, Shelter 211.
Perth	Hugh Ferguson	Stratford	Office 661, House 498.
Peterborough	John Edgar	Peterborough	Office 1512, House 421.
Port Arthur	Geo. Gibbon	Port Arthur	Office, North 337; House 740.
Prescott & Russell	T. McKercher	L'Original	Office & House 31.
Prince Edward	R. W. Hubbs	Picton	Office 361.
Rainy River		Fort Frances	
Renfrew	J. C. Simpson	Renfrew	Office 421, Shelter 276.
Simcoe	W. J. Justice	Barrie	137.
Stormont, Dundas and Glengarry	T. W. Ault	Cornwall	390.
Sudbury	J. S. Davidson	Sudbury	Office 1271, House 323.
Temiskaming	J. R. McCracken	Haileybury	Office 302, House 188.
Victoria	Alex Clark	Lindsay	Office 1365, House 393.
Waterloo	Arthur Pullam	City Hall, Kitchener	Office, Kitchener 2700; House, Hespeler 62.
Welland City	George M. Pool	Welland	1048.
Welland County	Robt. Teakle	Fenwick, R.R. No. 5	Welland 822W.
Wellington	Amos Tovell	Guelph	Office 2873, House 595.
Wentworth	James Clark	Box 121, Dundas	Baker 1961, House 193.
Windsor	Geo. Sinclair	City Hall, Windsor	3-4631.
York	Mrs. J. S. Driscoll	73 St. Clair Ave. E.	WA. 3851.
Toronto C. A. S.	R. E. Mills	32 Isabella St., Toronto	RA. 4151.
St. Vincent de Paul	J. G. Mallon	469 Sherbourne, Toronto	Randolph 5436.
Essex County Roman Catholic C. A. S.	R. J. Bondy	Windsor	603 Bartlet Bldg.

General Superintendent—B. W. Heise, Parliament Buildings, Toronto.

Office Phone—Adelaide 1211.

CHILDREN'S AID SOCIETIES

LIST OF OFFICIALS OF LOCAL SOCIETIES

	President	Secretary	Treasurer
Algoma and S. S. Marie	J. G. Blain	J. P. Reed	W. G. Hyland.
Brant and Brantford	T. Williamson	E. E. C. Kilmer	C. Cook.
Bruce	J. H. Ranesbottom	Rev. R. Perdue	Miss D. Benton
Carleton and Ottawa	W. Lyle Reid	Cuthbert Scott	W. B. Harshaw.
Cochrane and Timmins	G. A. MacDonald	A. G. Carson	A. G. Carson.
Dufferin and Orangeville	Rev. H. A. West-McMaster	J. M. Aiken	J. M. Aiken.
Elgin and St. Thomas	Archdeacon J. W. J. Andrew	Mrs. E. H. Canghai	C. H. Smith.
Essex (Prot.)	Jos. G. Hennin	R. R. Brett	Thos. Plant.
Essex (R.C.)	James E. Wall	Wilfred D. Roache	Eugene Sennet.
Fort William	H. M. Piper	F. Blain	F. Blain.
Frontenac and Kingston	M. G. Johnston	F. P. Smith	Hon. T. A. Kidd.
Grey and Owen Sound	J. E. Doyle	A. E. Trout	J. G. Carrie.
Haldimand	Harrison Arrell, K.C.	Chas. R. Bilger	Geo. P. Brown.
Haliburton	Rev. F. E. Manktelow	A. G. Schofield	W. McArthur.
Hamilton	D. A. Souter	Mrs. G. Pearce	Hugh F. Brown.
Hastings, Belleville and Trenton	E. R. McBride	T. D. Ruston	Howard Frost.
Huron	J. Barnett	A. M. Robertson	A. M. Robertson.
Kenora	Mrs. Julu McKenzie	Mrs. Hazel Cook	Mrs. J. T. Brett.
Kent and Chatham	Herbert D. Smith, K.C.	F. Appleyard	Miss M. Wright.
Lambton and Sarnia	Chester H. Belton	John Wilkinson	David M. Rose.
Lanark	Ven. Archdeacon D. T. Clayton	J. H. Devlin	R. M. Anderson.
Leeds and Grenville	T. J. Davison	James T. Fitzpatrick	B. F. A. Lewis.
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Lincoln and St. Catharines	D. C. Heatherington	Mrs. H. L. Moyer	H. Fonger.
Manitoulin	Rev. W. H. Bradford	Miss G. Batman	A. J. Wagg.
Middlesex and London	J. E. Magee	H. Helen Tufts	J. Mc. Gunn.
Muskoka	Rev. Mr. Baine	Mrs. R. B. Hern	Mrs. A. Kellock.
Nipissing and North Bay	Geo. Deegan	Wm. Long	E. C. Rheanne.
Norfolk	H. S. Macpherson	M. L. House	F. M. Reid.
Northumberland and Durham	H. Fulford	M. G. Hancock	B. H. Thompson.
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{ Halton	J. M. Denyes, B.A.	Mrs. T. J. Brown	S. Wilson.
Perth and Stratford	Jas. H. Smith	Hugh Ferguson	H. S. Harrison.
Peterborough	Rev. A. T. Barr, P.H.D.	John Edgar	C. S. Cummer.
Port Arthur	J. W. White		
Prescott and Russell			
Prince Edward	Fred Newman	Mrs. S. P. Dodds	Rev. S. M. Scott.
Rainy River	N. L. Croome		C. W. Cochlan.
Renfrew			
Simcoe and Barrie	Frank Hammond	W. J. Justice	R. F. Grant.
Stormont, Dundas and Glengarry	F. D. McLennan	A. K. MacMillan	J. E. Tallon.
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Temiskaming	Rev. Canon F. H. Hincks	J. A. Ruttan	H. A. Seymour.
Victoria and Lindsay	Dr. F. Logan	Alex. Clark	T. J. Tilly.
Waterloo	D. N. Panabaker	Wm. F. Hall	Wm. F. Hall.
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(Kitchener)	H. D. Huber	Miss E. H. Reist	W. H. Woods.
Welland City	Rev. S. W. Gartung	Mrs. M. Asher-Wilson	H. W. Clark.
Welland County	Mrs. Taylor	Mrs. Palmer	Mr. Damude.
Niagara Falls	Miss M. E. Smith	Mrs. J. R. Coatts	T. Smith.
Wellington	Wm. Laidlaw	Miss M. A. McFarlane	W. H. Beattie.
Wentworth	Mr. T. M. Stock	W. F. Morre	J. F. Vance.
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Toronto St. V. de P.	J. F. Boland, K.C.	Francis L. Allen	F. T. Walsh.

## APPENDIX D

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### Industrial Schools

#### Report of

#### St. John's Industrial School

1933-1934

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#### HEALTH:

The general health of the school population has remained at the same high level as in previous years. Immunization against diphtheria and scarlet fever has been continued. There have been no cases of communicable diseases and no seriously-sick children. Wasserman and Kahn tests have been carried out and revealed a total absence of social disease. Continued efforts have been made to correct physical handicaps that have been noted or indicated. One hundred and forty-nine boys received dental attention, which included 425 fillings, 161 extractions under Novocain anesthesia, 3 inlays and 45 other treatments. Dental clinics were held on 61 boys in the school. In addition to this a number of cases were x-rayed or treated in the dentist's city office. Eleven boys were given the benefit of a tonsilectomy; one was supplied with glasses. One boy was admitted to the hospital for mastoid operation and five others for fractures of various kinds. In each instance the recovery was quite satisfactory. The case that gave us the greatest concern during the year was one of badly frozen feet. We are pleased to report, however, that while the recovery was slow, it was quite complete and without the loss of any appendages.

#### MORAL AND RELIGIOUS TRAINING:

The moral and religious training of our boys is always in progress. Daily Mass is held in our Chapel. Special instructions are given in the class rooms and assemblies. Our devoted Chaplain is at the disposal of the boys each week. The frequency with which the great majority of our boys avail themselves of the opportunities offered to go to the Sacraments is the most important single factor in their development. A three day spiritual retreat was conducted by a special missionary. The boys and staff marched as a unit in the annual demonstration of some 25,000 Catholic men and boys in honour of the Holy Name of Jesus. Ten boys represented the school body at a special Requiem Mass that was celebrated in St. Michael's Cathedral on May 28th, for the repose of the soul of the late Archbishop McNeil. In his death the school lost a sincere friend, one keenly devoted to the social and religious welfare of his flock.

#### ACADEMIC TRAINING:

The academic work of the school is based on the regular public and separate school programme for the Province, with special adaptations suited to the needs and limitations of our boys. All grades are included from the

Primer to First Form High School. Eight boys obtained High School Entrance standing in June. Over 80% of the boys devote one half of each school day to class work and the other half to shop work. The remainder of the boys follow full time instruction in our Opportunity Class. In this class 42 of the more backward boys received instruction during the year. The average enrolment was 21 boys.

#### VOCATION TRAINING:

Special emphasis is placed on Vocational training. The printing department supplies a course in practical printing in all its phases, as found in a well-equipped job office. Besides caring for the ordinary requirements of the school, the shop has turned out very creditable work in booklets, programmes, calendars, and various cards and business forms.

The tailoring department, as conducted, provides lessons and practical experience in the making of trousers, shirts, coats, etc. Drafting and cutting are given attention as well as the operation of foot and power machines. The Hoffman steam press has very materially increased the efficiency of this Department.

The shoe making department provides lessons and experience in both the manufacture and repair of shoes. Hand work forms the basis of this department and is supplemented by a Singer patching machine, a leather splitter and skiver, and an up-to-date finishing machine. A substantial, well-finished product is turned out with a reasonable speed and facility that involve more skill than is ordinarily understood.

Barbering continues to be a popular and practical form of vocational training. While the number of boys engaged in this work is necessarily small, there has been a greater proportion follow up the work after leaving the school than for any other department.

Baking is another important vocational subject. In this Department instruction is given in bread and cake baking. This includes weighing, measuring, mixing and baking off each batch. Nine months training for the average boy in this department is about equal to one year apprenticeship gained in the commercial bakery.

The greenhouse and garden have not only supplied flowers and vegetables but provided an occupation with an interest and appeal quite different to that of any other department. If ground permitted, we would like to see this work extended so as to include farming and market gardening on a more extensive scale.

#### ATHLETICS:

Experience indicates a close relation between delinquency and poor play habits. This is one reason why we stress seasonal sports and athletics of various kinds. Regular schedules in our school leagues were carried out in hockey, softball, and football, with every boy participating according to his age and ability. Additional games were played with outside teams in hockey, softball and rugby, in each of which our boys acquitted themselves very creditably. Gymnastics, handball, drills of various kinds; annual field day; swimming; these were all utilized in our training. Instruction in boxing was given during the winter months and early spring. Apparatus, consisting of parallel bars and vaulting horse, has recently been purchased to replace former equipment.

## SOCIAL AND RECREATIONAL:

Reading, table games and hobbycraft have supplied interests and occupations during inclement weather and for leisure time activity. In many cases these interests in model aeroplanes, radio, scrap books and stamp collecting have been carried over to the homes of the boys with a stabilizing effect. Singing, harmonica, xylophone and accordion have supplied the musical element that must ever have an important place in the training of children. That the musical and gymnastic ability of the boys has been recognized is shown by the number of applications made for their appearance at public gatherings and entertainments both in the city and neighboring municipalities. Advantage has also been taken of such opportunities for social contacts as have been provided by community fireworks, outings to the theatre, circus, hockey arena, skating carnival, and exhibition.

## SUMMER PROGRAMME

A special summer programme was provided which replaced the regular academic work by expert instruction in basketry and reed work. It also provided special periods for classes in Harmonica, Danish Drill, Tumbling, Indian Clubs and Dumbbells. Swimming was a daily feature. In the late summer the entire school body moved up to De La Salle Camp on Lake Simcoe. For two weeks the boys slept in tents, and carried on a varied programme of work and play. Courses in swimming and life saving were conducted and as a result 35 awards were granted by the Royal Life Saving Society for proficiency in swimming and rescue work.

## AFTER CARE

The after care of the boys has not been neglected. We attempt to keep in close contact with our boys by correspondence and by periodic visits of our Inspector from the school. We have had an average of 18 boys in foster boarding homes during the past year. These homes have been well selected and for the most part are in rural districts. The boys attended local schools and lived the normal family life as one of the family.

Every effort has been made to provide the programme and influences most conducive to improve the bodily health, mental alertness, social stability and spiritual vigor of the boys confided to our care. One of the most encouraging aspects of our work is the friendly attitude and co-operative spirit of the boys themselves.

BROTHER CYRIL, Superintendent.

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## Report of

## Victoria Industrial School

1933-1934

"Play the Game" is the motto of the Victoria Industrial School and boys and staff have striven to live up to this ideal throughout the year. The period under review has been one of constant change and constant striving for better conditions for the boys. Yet in spite of restlessness caused by changes and rumors of changes, the spirit of the School has developed into something approaching pride of school, "the Alma Mater" feeling.



## THE STAFF

The real progress of a school depends on the staff and unless great precautions are taken the staff becomes "institutionalized" and out of touch with the realities of life outside. This has been guarded against in several ways. Some of the more elderly members of the staff have been replaced by younger people; staff functions and a badminton club were organized in order that "outsiders" might be induced to come in, and members of the staff were encouraged to take up courses of lectures in Toronto. In addition each member of the staff was given a complete day free each week and as many evenings as possible.

## ACADEMIC AND VOCATIONAL TRAINING

In the academic school two lines of progress were attempted. The work of the auxiliary class was especially encouraged. In the other classes a definite attempt was made to teach social and ethical ideals through the history course.

It is regretted that in mid-year it was found necessary to close down the print shop owing to the decreasing number of boys in the School. In the rest of the vocational shops and activities, an attempt was made to draw up a course of study for each. Emphasis was transferred from "production" to "teaching" and as a result the shops became more interesting, the variety of articles made was enlarged and the lads had a greater chance of developing varied skills and pride of work.

The organization of both the academic and the technical school was made very elastic and every few months a reorganization took place. The object of this was to enable each individual to progress at his own rate and to enable each student to receive individual treatment.

## BUILDINGS

The cottages are very old and required constant repair. They constitute a definite fire hazard, especially in view of the defective plumbing and electrical wiring. However, much alteration and repair work has been carried out. For example, a central library has been made in the gymnasium building and the gymnasium itself renovated. The bake shop has also been made over, and a modern system of lighting installed in the laundry.

## RECREATION

In a residential school a carefully planned programme for recreational work has to be carried out for it must be realized that school hours for most lads cover but six of the twenty-four hours. Of course, as at a boy's home, our lads help with the maintenance work, the dishes and help to prepare the meals. But this still leaves many hours to be planned for, especially over the week-ends. It is in these hours chiefly that our lads got into trouble before they came to our School and it is one of our tasks to teach them how best to utilize their leisure.

Athletics have been strenuously encouraged. House leagues for baseball, basket ball and football were organized and schedules were run off. During the whole of the spring and summer training tests for field and track events were carried on, while at regular intervals each student was made to try to break his own record in these events. The School is much indebted to the two Toronto "Toc H" groups and to Mr. Halbus of the University Schools, Toronto, for their almost daily help with the physical work.

Swimming, life-saving, and first aid instruction have been fostered throughout the year, while our indoor skating rink was in constant use during

the long winter season. Since the lads get no summer holidays, route marches, walks, picnics, camp-fire meetings and visits to picture theatres were arranged and carried out during the spring and summer months.

The long winter evenings were arranged so that each cottage had two nights a week given to organized games and swimming, two nights were taken up by hobby classes, amateur dramatics or mouth organ band, and the rest of the evenings were needed for quiet reading or playing parlor games, and in teaching the boys to look after their own well-being in the way of clothes and personal cleanliness.

### THE STUDENTS

The test of school progress must be "Are the boys developing constantly on right lines"? The pupils have recently been showing that the more responsibility is thrust upon them, the more they grow into self-energized youths. As honour system with a "blue" as the highest award has been gradually introduced so that our lads always have an objective to aim at, at every period of their school lives. This system has proved very worth while.

In the treatment of our students, individual rather than group treatment has been the objective. A close study has constantly been made of each boy and the school organization has been kept so fluid that a boy can be immediately moved from one work, play, cottage or school group to another, or from the hands of one instructor to those of another with whom there might be more mutual understanding. The constant endeavour of the school during the last year has been to deal with each boy as a separate individual and to try to give him a chance to develop his individuality. This is difficult in a school such as Victoria but it is a necessity if successful work with boys is to be accomplished. It is felt that some considerable success has been attained in this direction.

### CONCLUSION

Towards the end of the period under review it became more and more evident that steps should be taken to remedy two evils. The first problem was the necessity of separating children from adolescent youths, and these youths from young men. The second problem was what to do about the unsuitability of and danger from the present buildings. Definite steps are now being taken to solve these two problems, and when this report is published Victoria School in its present form will no longer be in existence.

W. G. GREEN, Superintendent.

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## Report of St. Joseph's Industrial School 1933-1934

Seven conduct sections are established in the school: Honour, Excellent, Very Good, Good, Fair, Unsatisfactory and Very Unsatisfactory. A newcomer is placed in the Good section. From there he may go up or down. Those of the Honour Section are rewarded from time to time—an excursion to Montreal to visit an exhibition of natural products at Mount St. Louis College; another to the Ottawa Exhibition and also to a military Review in Ottawa; a visit to St. Joseph's Shrine in Montreal. Outings of this character encourage the boys to better their conduct.

A regular course in Swedish Gymnastics is given by a qualified instructor. Exercises on the German horse, parallel bars, tumbling, the use of the spring-board, dances, are given by the same instructor.

Our Gymnasts of the first group (pupils are divided into three groups) have given public demonstrations three times in Alfred—once at a picnic on the First of July and twice at the Alfred Exhibition. On the second of July, the demonstration of the previous day, was repeated at a picnic in Hawkesbury. They were also asked to Vankleek Hill's Exhibition, twice to a refuge, and once to a hospital.

Early in the Autumn we started what is called "Our Orchestra". Some of the instruments may be of a primitive character but boys are very enthusiastic and many are asking to join the "Orchestra". Recently the citizens of Alfred gave an entertainment and they did not think it out of place to invite "Our Orchestra" to play a few numbers.

We had many distinguished Visitors: The Papal delegate in Canada, Bishop Andrea Cassulo, who spent twenty-four hours at our College—speaking three times to our boys and staff, celebrating Mass and Benediction, and presiding at a banquet with the boys. The Bishop was pleased with his visit. The ex-mayor of Montreal, Mr. M. Martin, spoke to our boys too, giving them practical advice in a friendly way. Bishop F. Z. Decelles, who also took a meal with the boys, congratulated them on their good behaviour.

Every Sunday night, to vary the program, we organize games, contests in tumbling, music, or stage display. The pupils, for the last mentioned, are left to their own initiative. The whole is under the supervision of a teacher who arranges the program. In our last display about thirty boys entertained the others for one and a half hours.

At the local exhibition, our tailor shop received ten first prizes, and a few seconds. Suits, shirts, trousers were exhibited. In the carpenter shop household furniture is made. A shack at the maple bush has been built by the boys. Baskets, chairs, repairs and a variety of smaller articles of furniture are made in the basket shop. Repairs of all kinds on boots, shoes, and harness are done in the shoe shop. Three boys are doing the laundry work of the house. One of them has been appointed manager.

Farming will be much extended next season, as far as the boys are concerned. This year the number working varied from two to fifteen, up to fifty on certain occasions.

As a side line for a week each month, two boys practice hair cutting.

In our classes we pay special attention to Correspondence and Composition, both English and French. Every Sunday we have the reading of the notes for each class, encouraging them to make extra efforts in classwork.

BROTHER PHILOMEX, Superintendent.

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## Report of Alexandra Industrial School for Girls

1933-1934

Once more the circling year has brought us to the date of our annual review. The period when we look backward over the work accomplished during the year and forward to that which we hope to accomplish during the year which lies before us.

The statistical report following deals with the numerical aspect of the work—the numbers of girls receiving care under our roof-trees! The girls

newly coming under the influences—physical, mental, social and spiritual—**habit-forming** influences, which open up to them vistas of life, and its meaning, never before dreamed of, and of the girls going out to take their places in the community, and to carry these influences on to other homes, and other lives, in circles ever widening, can never be counted nor tabulated nor reported upon.

On reviewing those lines where we find real advancement has been made—we would make first mention of the reduction of our numbers to a more normal basis. For several years we have been struggling along under over-crowded conditions. Cottages planned for 25 have been housing thirty or even thirty-two, while Marcella Hall, the Senior residence, built to accommodate forty, was crowded with fifty-eight girls. While our air-space is so adequate that no one suffered physically, the over-strain made matters more difficult for the staff, and also had its effect on the nerves and temper of adolescent girls, making order and discipline more difficult. Through arrangements made by the Department of Public Welfare for the transfer of cases which needed longer, or more permanent care, to one or other of the Ontario Hospitals, and through the opening of the Training School at Galt, we have come down from a population averaging 145 last year to the more normal 100, with families of 20 to 24 in each cottage, and 35 to 40 in the Hall. At present we have 118 girls divided among four houses.

Still further reduction might have been accomplished, if labor conditions were near the normal. Just at present there are few openings for an inexperienced girl, except in domestic work—and even there the best and happiest opportunities, where a girl may become a member of the family and occupy good standing in a comfortable farming community, are very greatly reduced in numbers, through the difficult conditions prevailing in the country. One well-known Girls' School in another Province sent out 400 letters appealing for situations last autumn and received only four applications. We are facing the same condition in Ontario, but nevertheless have succeeded in placing nearly forty girls in suitable situations during the past year. Also two of our Commercial class girls are now in excellent positions, earning Sixty Dollars per month. We find that most of our girls can take their places in community life very respectably and acceptably, especially in rural sections and in small town life. Five of our outside girls have been married very happily during the past year. Of more than 200 visits made to our graduates during this time, we find ninety percent are making good—most of them being as a neighbor said of one of our girls recently married, "well-respected in the community".

Turning to the daily life and activities of the school, we shall first consider the health question. After the first careful medical examination and the treatment of any existing disability, we find that good food, pure air, healthy exercise and sleep, together with interesting activities, rarely fail to result in robust health. Outside of a few cases requiring surgical treatment in hospital, we have had almost no sickness.

The academic work has covered all public school departments, plus a continuation class for first and second year work in high school. Also a commercial class where excellent work has been done, and where nine out of fifteen girls passed with first class honors in a course covering six subjects.

The industrial work has given training in general home-making including cooking, sewing, dress-making, laundry work, table waiting, gardening, care of poultry and, our recent development, a class in home nursing.

The choral and physical and art classes have done most excellent work, and kept up a living interest, while in bible study and the discussion of various social and ethical problems, the girls have been taking a very active and

intelligent part. Different groups conduct prayers once each week, and take charge of different social activities in turn.

No report however brief, would be complete without mention of the truly devoted work of the staff who strive daily and hourly to establish right habits of thinking and living; and who make constant effort for the physical, mental and moral well-being of the children, both in household and in school life. Also of the Board of ladies whose interest and care and support are ever with us in all our difficulties and joys and sorrows. Neither would we forget the many friends of the work who conduct our Sabbath evening services, who give help in special cases, and who assist in entertaining and uplifting the pupils where ever opportunity offers.

And now as we face the duties and problems of another year, we will all strive to go hopefully forward, according to the words of an almost forgotten old hymn—still “putting a cheerful courage on”.

ALEXANDRA INDUSTRIAL SCHOOL  
STATISTICS

Number of pupils in School Nov. 1st, 1933.....	118	
Number admitted during year from 30 municipalities.....	34	
Number returned during year.....	15	
Boarding cases .....	8	
		175 175
Number paroled during year .....	43	
Number transferred during year .....	19	
Number in School Nov. 1st, 1934.....		103
Boarding cases .....		3
		106
Total cost, including maintenance and education with exception of 2 teachers and supplies provided by Toronto Board of Education.....	\$51,023.00	
Total cost of dietaries .....	11,747.50	
Average cost of food per day per inmate including upkeep of garden and stock .....		.23
Average cost of each inmate per day.....		.99

STATISTICS OF PAROLED PUPILS

Returned for further care.....	5
Missing .....	2
Sent to other institutions .....	3
Number doing well .....	33
	43

ESTIMATED CAUSES OF ADMISSION

Bad home conditions .....	21
Lack of parental control .....	8
Other causes .....	5
	34



Dental Clinics .....	50
Examinations .....	115
Treatments and fillings .....	837
Extractions .....	29
Plates and Inlay .....	4

## AFTER-CARE

Visits made by former pupils .....	224
Visits made to girls in positions .....	192
Shopping expeditions with wage-earnings girls	38

At Christmas time 186 parcels were sent to old girls. Number of Board and Committee meetings 24. Meetings addressed by Superintendent on work of school 7.

L. W. BROOKING, Superintendent.

## Report of St. Mary's Industrial School 1933-1934

There were 79 pupils in residence October 31, 1933. During the year there were 20 pupils admitted and 31 pupils dismissed. The number 31 includes paroles and transfers.

The health of the children has been very good. The doctors in attendance exercise great vigilance and they give individual examination and attention. All treatment required or prescribed is carried out, exactly, and this helps to maintain the general physical fitness.

The academic year gave good results. Four of the children secured their Entrance Examination. This gave them and their families much satisfaction. Many of the children worked very industriously for promotion and at the close of the school term in June there were none in the Primer or the First Reader.

Vocational training has attractions and interest for all in a greater or lesser degree. The children grow absorbed in art, needle-work, music, cooking, planning a menu, placing a dining-room, designing and making a dress. They are overjoyed when they can give their mother a piece of pretty needle-work which has been executed entirely by themselves. Much time and care is given to teaching and demonstrating the care of hardwood floors and good linoleums. This knowledge is necessary for domestic work in all modern homes.

Recreation periods are of major importance and these are carefully planned and supervised. Games and athletics are aided and encouraged so far as our limited space will permit. Recreations must be made out of doors unless the weather is unfavourable.

There have been a number of interesting visits, clerical and lay. The children enjoy the short and practical addresses which are usually made by the visitors on such occasions. Their criticism and discriminating taste, afterwards, is surprising. The moving pictures and illustrated lectures, with slides, are allowed them at intervals.

The children seem happy, contented and interested. During the year there has not been any unpleasant episode in the training and the management of the School.

MOTHER MARY OF ST. MAGDALEN, Superintendent.

## Report of Industrial Schools Advisory Board

We have the honour to present the Third Annual Report of the Board covering the period 1933-1934.

During this period your Board has met forty times and has dealt with 2,976 cases. The record of each boy and girl in the school comes automatically before the Board for review at quarterly intervals and more frequently when conditions demand special attention. In this way, the health, conduct, vocational and educational progress of each child can be intelligently followed. Many suggestions have been made by the Board and promptly acted upon by the Superintendents of the school.

The present population of the schools is the lowest in a decade, in spite of an increase in commitments. This reduction of population is partly due to the Board's policy of reducing as far as possible the period of school residence, of placing out the younger children in boarding homes and of procuring employment for the older inmates, as soon as the improvement in their physical condition and general behaviour appears to warrant such action. It is satisfactory to be able to report that in spite of this reduction in the period of residence, the number of paroled boys and girls returned to the institutions is smaller than before; only 66 having been readmitted last year. Your Board is greatly encouraged by this evidence of successful result from this policy. We realize that this success is very largely due to the whole-hearted co-operation of the Superintendents and other officials of the school who, by their careful supervision of their charges and constant study of their many problems, have done much to facilitate the working out of this policy, and so to hasten the return of the children to some form of normal family life.

### INCREASE IN COMMITMENTS.

We have pointed out that the number of commitments continues to increase. This increase, we feel, is a challenge to Child Caring Agencies. The extension of Juvenile Court facilities to all large urban centres would undoubtedly help to stem the rising tide of juvenile delinquency. Your Board re-affirms its previous recommendation that the Government should seriously consider the possibilities of extending the Juvenile Court system, with adequate voluntary agencies co-operating.

Of the commitments during the year, 57% were first offenders in the courts, 18% had two court appearances, and 23% had appeared over three times before being committed. Your Board leans to the view that well organized social agencies operating under a Juvenile Court might have saved a large number of first offenders from custodial care, and that, under expert guidance, many of these cases might have been adjusted locally. On the other hand, we believe that there is also danger in permitting too many probations, for experience shows that the greater the number of court appearances before the first committal, the more difficult it is to make a satisfactory adjustment when the child finally reaches the Industrial School. Sometimes, indeed, the child arrives at the school too late for course of training to be effective.

It would seem to be necessary that the Juvenile Court Judges and the social agencies should realize more clearly that the Industrial and Training Schools of the Province are educational in their treatment, and that they are not intended to be conducted simply as penal institutions. Their value in re-claiming the juvenile offenders is considerably restricted when offenders, having long experience of delinquencies are permitted to mingle with children of less advanced tendencies.



## MENTAL DEFICIENCY.

The work of the schools is greatly handicapped by the number of mentally defective children committed to them. Fully 25% of the population of these schools are of the mental rating that requires specialized training such as is given in the mental institutions. Your Board anxiously awaits the day when mentally defective children will be committed to mental hospitals where they will receive specialized training which they require, and thus the training schools will be set free to care for the training of the normal and dull normal juvenile delinquents.

## CLOSING OF VICTORIA INDUSTRIAL SCHOOL.

An event of major importance in the treatment of juvenile delinquency during the period under review is the closing of the Victoria Industrial School at Mimico, and the transfer of the boys from Mimico to the more suitable surroundings of the Training School at Bowmanville. The policy of the Board during the last three years of paroling out to positions the older lads after a period of training in the school had relieved the Victoria School of the care of a number of its former inmates, and the distinction between the two groups of boys — at Mimico and Bowmanville, respectively — had become one in name only. We are heartily in accord with the action taken by the Department in bringing these together in the wholesome atmosphere of the Training School at Bowmanville.

The Training Schools at Bowmanville and Galt have now been placed under the supervision of your Board; and, in view of this increased responsibility, two former members of the Training Schools Advisory Board have been added to the Board, in the persons of Mr. George Hambly and Mr. W. R. Cockburn.

## GIRLS' INDUSTRIAL SCHOOL.

Your Board believes that the problem of caring for some of the senior inmates of the Girls' Industrial School deserves serious consideration by the Department. The problems which arise in these schools are widely different from those in connection with the senior lads in the boys' schools, and are more difficult of solution. In this connection your Board would draw attention to the large number of apparently chronic cases of Venereal Diseases requiring protracted clinical treatment, and would recommend that this problem be discussed with the Department of Health with a view to making provision for their care in the Ontario Hospitals. Many of the young women referred to are more than eighteen years of age, and have been under constant treatment for three years or more. The Girls' schools are not equipped to deal adequately with this problem; and we fear that by attempting to do so, the main purpose of the schools may be endangered, and that the health, morals and general training of the younger girls may suffer.

We would also urge that the appointment of a full-time placement officer with suitable qualifications be made compulsory in all schools. The policy of placing committed children of tender years in boarding homes is one of great responsibility, and it is seriously handicapped by the lack of placement officers, more particularly in connection with the girls' schools, and the St. Joseph Industrial School at Alfred; and we would urge that this condition be remedied by departmental regulation as soon as possible.

Your Board feels some concern with respect to the instruction of English speaking Roman Catholic boys by French teachers in St. Joseph's Industrial School at Alfred. We recommend that the division of the Province between this school and the St. John's School at Toronto be reconsidered so that only French speaking boys be sent to Alfred.

Industrial Schools Advisory Board

C. L. BURTON, Chairman

MRS. H. P. PLUMPTRE

W. T. KERNAHAN

W. G. PIFHER, Secretary

**APPENDIX E**

**Report of  
Training Schools**

**Ontario Training School for Boys, Bowmanville**

1933-1934

STATISTICS.

In residence November 1, 1933 .....	116
Absent without leave, Nov. 1, 1933 .....	1
Admitted during the year .....	145
Re-admitted .....	18
Discharged .....	123
Placed on working Agreements .....	16
Absent without Leave, Oct. 31, 1934.....	3
In Residence October 31, 1934.....	138
	<hr/>
	280
	<hr/>
	280

ACADEMIC SCHOOL REPORT

Teacher	Grades	Aggregate Monthly Roll	Average Monthly Roll	Aggregate Academic Hours
Mr. Beckett	High School	155	15.5	.....
	Commercial (4 mos.)	44	11.	.....
	Junior 4th (6 mos.)	147	24.7	17,105
Mr. Davidge	Entrance	315	31.5	15,030
	Junior 4th (4 mos.)			
Mrs. Densem	Senior 3rd	356	35.6	21,727
	Jr. & Sr. 3rd F.T.	317	31.7	17,275
Miss Galbraith	Second Grade			
	Auxiliary			
	Jr. & Sr. 2nd			
Miss Montgomery	First Book (5 mos.)	92	18.4	7,265
Total —				78,402

VOCATIONAL SCHOOL REPORT

Instructor	Department	Aggregate Monthly Apprentices	Average Monthly Roll	Aggregate Vocational Hours
Mr. Ott	Metals	171	17.1	8,487
Mr. Cairns	Woodworking	219	21.9	10,689
Mr. Davidson	Motors	115	11.5	5,964
Mr. Bradt	Agriculture	232	23.2	10,803
Mr. Lonsberry	Horticulture	177	17.7	7,842
Mr. Sleightholm	Cooking	75	7.5	5,916
Total —				49,701

## PLACEMENT SUPERVISOR'S REPORT

1933-1934

No. of visits to boys .....	586	
Attendance at Clinics and Social Agencies .....	60	
Attendance at Court .....	4	
Homes investigated .....	54	
Boys re-admitted to the School .....	18	
Boys discharged from the School during the year.....		139
Placed in foster homes .....	14	
Placed on farms .....	16	
Returned to Children's Aid Societies .....	14	
Transferred to other institutions .....	4	
Placed in miscellaneous positions .....	3	
Placed in Working Boys' Home .....	4	
Sent to Parents in the U.S.A. ....	2	
Returned to own homes .....	82	
		<hr/>
	139	139

Mileage covered during the year .....	16,759 miles	
Boys receiving active supervision at the end of the year.....		124
Employed on Farms .....	25	
Employed as Messengers .....	9	
Employed in Factories .....	8	
Unemployed .....	6	
Attending School .....	76	
		<hr/>
	124	124

J. J. BROWN, Placement Supervisor.

## REPORT OF DENTAL WORK

## ONTARIO TRAINING SCHOOL FOR BOYS

OCT. 1st - OCT. 31st

Survey of Mouth Conditions made Oct. 5, 1934, showed 44 boys with defects.

No. given dental treatment to date:

Fillings .....	39 Amalgam
	7 Silicate
Extractions .....	4
Prophylaxis .....	10

R. E. DINNIWELL, D.D.S.

## REPORT OF DENTAL WORK

NOV. 1st - SEPT. 30th

Patients at Clinic .....	293
Patients X-Rayed .....	4
Extractions .....	76
Local Anesthetics .....	55
Fillings .....	360
Prophylaxis .....	109
Other Treatments .....	77
Crowns .....	7
Root Fillings .....	5
Devitalizing .....	3

G. C. BONNYCASTLE, D.D.S.

## PHYSICIAN'S REPORT

To the Superintendent

Ontario Training School for Boys.

Sir:

I beg to make the following report for the year.

There have been no serious accidents. Three boys have sliced the end off a finger and in one case it was necessary to amputate at the distal joint. One broke his wrist and one the elbow, several fractured metacarpel bones.

There was one case of pneumonia, one of scarlet fever and several of chicken pox. Impetigo has been almost constantly present though not as widespread as in previous years.

All boys passing through the School have been given the Schick test and those requiring it given the toxoid. All were vaccinated against smallpox and given the intracutaneous tuberculin test. Reactors to the latter were x-rayed at the Ontario Hospital, Whitby.

During the year I have spent 203 hours at the School mostly in periods of an hour and a half, made 67 special visits to the School, Camp or Hospital, one to Oshawa and one to Newcastle. I have removed tonsils and adenoids for 9 boys, circumcised 3. Fourteen have been referred to Dr. Harding of Oshawa because of eye or ear defects.

V. H. STOREY, School Physician.

## PHYSICAL DEPARTMENT REPORT

Another year of steady progress was marked by the introduction of several features not hitherto enjoyed. The Danish type of fundamental and corrective gymnastics supplanted the older Swedish drills. The fifteen mile marathon swim was both popular and a success, as forty-three boys competed during their spare time over a period of three months. The badminton club increased in membership and popularity as senior and junior ladder tournaments were organized. The gymnastic competition was a more pronounced success, and is now one of the outstanding features of the year's work.

Each academic class spent two hours in the gymnasium and swimming pool and had a half-hour hygiene period each week.

## LEAGUE SPORTS.

Throughout the year league sports were organized to cover all seasons. Every physically fit boy was chosen on some team in the major or minor league and played regularly.

Hockey—16 teams—122 boys played on teams.

Basketball—16 teams—122 boys played on teams.

Baseball—12 teams—120 boys played on teams.

Soccer Football—4 teams—48 boys played on teams.

Rugby—4 teams—48 boys played on teams.

The Boy Scout Troop met every Friday night from 7:30 until 8:30 o'clock. There were forty-eight members of the troop during the year.

Cadets trained over a period of about five weeks every evening from 7:30 until 9:00 or 9:30 o'clock. Ninety-four boys paraded on Inspection Day, including the band which numbered sixteen. The band trained one afternoon each week from 4:00 to 5:00 o'clock commencing in January. The annual Church Parade was held on the Sunday morning preceding the inspection.

J. E. CUNNINGHAM, Director.

## THE CAMP.

The perfecting of the system of Camp administration was carried out more effectively this year. The addition of six new counsellors gave us a staff that can scarcely be bettered. Balance was maintained when six of our most successful counsellors from last year returned to add experience to the excellent efforts of this group. The counsellors did all the instructing and taught some twelve activities as life-saving, boxing, wrestling, tumbling, apparatus, fencing, rugby, track and field, swimming, nature lore, first aid, camp craft and music.

The improvements to the Camp of 1934 over 1933 included the planting of a considerable number of trees on the grounds and on either side of the entrance into the Camp. A new pantry was constructed in the Dining Hall, an ice house was erected; Rotary Cabin was converted into a very neat medical unit; basins were installed in Headquarters and lights installed in the Cabins.

The programme followed was similar to that of former years and the branches of activities the same. Extra programme included over-night hikes, visits to the Knot Hole Club, Camp Fire and Corn Roast.

## AGRICULTURAL REPORT

1933-1934

## GENERAL FARM CONDITIONS:

Production of grain and garden crops was considerably higher than last year. The Hay Crop was light but this was compensated for by a much increased yield of corn and root crops which will supply an abundance of coarse feed for the school livestock.

The potato crop was good and over one thousand bushels of high class potatoes was produced. All the vegetable crops were above the average and as a result the vegetable storage cellar was much too small to hold the crop. There will be a good supply of vegetables on hand for the winter months.

## FARM APPRENTICES:

The boys were able to do practically all the hoeing and weeding of the entire cultivated crops this year. These represented about twenty-five acres and entailed a great deal of work. It is the aim at all times to give the boys a good practical training in farm work and to this end their services are used wherever possible in carrying on the farming operations. They are taught to plough, harness and unharness horses, drive the horses on the various farm implements in putting in the seed and in harvesting operations. They are also taught to milk, care for poultry and livestock and generally help around the barns and farm.

Sixty-five boys were apprenticed to the Farm Department during the year, and in addition to the practical work, they had regular classroom periods in which they had definite instruction in poultry, livestock, field crops, insects and fungus diseases, fertilizers and manures, milk and cream testing, gardening, soils and botany.

Ten boys sent vegetables to the Broadview Boys' Fall Fair and won two first, six seconds and two third prizes. They also helped get the vegetable exhibit together for the school display put on at the same fair.

The farm apprentices were on three out-trips during the year. They visited the Ontario Hospital Farm at Whitby, the Port Hope Poultry Farm and the Provincial Ploughing Match, at Toronto. These out-trips were much enjoyed and gave the boys an increased interest in their work on the farm.

## FARM PROJECTS:

Poultry—Egg and Feed Records.

Operating Incubators and Breeders.

Garden—Planting and Care of Vegetables.

Exhibiting at Broadview Fair.

Putting on display at the B.T.S. Field Day in September.

Dairy—Milk Testing of Individual Cows in Herd.

Daily Weighing of Milk and Computing yearly records.

## C. L. BURTON SCHOLARSHIP:

This was awarded to Kitchener Morrow who is at present taking a regular course at the Ontario Agricultural College, Guelph. This graduate of the School is planning to take the degree course at Guelph, specializing in poultry and at the present time is in his second year. He is being encouraged and financially assisted by his employer, Mr. Fred Bray of the Bray Chicken Hatcheries, St. Catharines.

## HIGH SCHOOL AGRICULTURE:

Two forty-five minute periods a week were given to teaching agriculture to the high school class. The work covered was that specified by the Department of Education for the Lower School. This included milk and cream testing, rotary, insects and fungus diseases, soils, poultry and gardening.

## NATURE STUDY CLUB.

Thirty boys became members of this Club and met one night a week to discuss the habits and characteristics of birds, animals, bees, flowers, trees, etc. Each boy was required to prepare a paper dealing with some specific subject. Officers elected were President, Vice-President and Secretary Treasurer. These Officers conducted the meetings and gained considerable experience in this way.

E. P. BRADT, Director.

## HORTICULTURAL DEPARTMENT

The following plants were grown in our Greenhouse for the School grounds and Garden.

Annuals .....	15,000
Geraniums .....	1,000
Coleos .....	600
Irecene .....	400
Begonia .....	150
Cactus .....	100
Cannas .....	175
Border Plants .....	500
Tomatoes .....	800
Cabbage .....	800
Cauliflower .....	500
Egg Plant .....	50
Peppers .....	50

Eight boys exhibited cut flowers and potted plants at the Broadview Boys' Fall Fair and won one first, two second and two third prizes. Plants were also supplied to decorate the exhibit put on by the school at the same fair.

A seasonable display of flowers was kept growing in the greenhouse, calendula, cyclamen, poinsettias, chrysanthemums, snapdragon and such common potted plants as begonia, patience plant, coleos, fuschia, ferns, cacti, et. These not only keep up a display of color and bloom but also provide regular routine work for the boys to perform.

Forty-five boys were apprenticed to the Horticultural Department during the year. In addition to the practical instruction and maintenance work about the grounds regular classes were held with these apprentices. They were given instruction and required to take notes on such related subjects as botany, insects and fungus diseases, plant physiology and propogation, soils, fertilizers and manures, culture of small fruits and vegetables, hot beds and cold frames, shrubs, vines, trees, etc.

A. R. VIRGIN, Superintendent.

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**Report of**  
**The Ontario Training School for Girls, Galt**  
1933-1934

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ATTENDANCE

The number of girls in residence November 1st, 1933 was twenty-five. During the year thirty-two girls were admitted to the School. One girl, who was below the age limit, was placed in a foster home in Galt. Two girls were discharged to their homes; three were transferred to the Alexandra Industrial School; three were graduated and placed in positions; and one was allowed home on indefinite leave. The total enrolment on October 31st, 1934, was 47.



The classification, according to age on entrance, was as follows:

Age	Number
9	1
10	0
11	3
12	8
13	7
14	15
15	21
16	2
	57

#### ACADEMIC DEPARTMENT

The course prescribed by the Ontario Department of Education has been followed in general by both the Public and High School classes. The classes have been organized according to the academic standing of each student. They include all grades, from senior second to senior fourth, in the public school, and a first and second year, in the high school forms. The time allotted to academic work is approximately half of each school day. There has been keen competition among the students of each class, in an effort to attain and hold a high standard of efficiency throughout the year.

In July 1934, four girls were candidates for high school entrance, two of whom were successful. The remaining two failed by a small margin.

#### VOCATIONAL DEPARTMENT

Every girl in the school is required to take as vocational subjects, clothing, foods, laundry and household management.

In the clothing department, the projects completed have included such articles as underwear of all kinds, smocks, gymnasium uniforms, dresses, skirts, etc.; household articles such as aprons, towels, table mats and napkins, etc. Excellent progress has been made by almost every girl in this work. A surprising amount of promising talent has been discovered during the year's work. Several girls have selected as their trade option, dressmaking and power machine operating.

The steady progress in the work of the foods department has been most gratifying. School functions have served as group projects. Class projects have included canning and preserving, the preparation of family sized dishes for use in the cottages, and experimental cookery. Every girl has had her turn in preparing and serving the daily meals in the cottages.

Ample practice in household management has been provided by the work of the four buildings of the school. The specific need of training, the age of the girl, and her strength, have been determining factors in the organization and assignment of these various tasks. Definite habits of good workmanship have been formed, and a cheerful attitude towards routine work, established. Many of the older girls have assumed responsibilities in a most praiseworthy manner.

The training in laundry work has not been entirely satisfactory, due to the lack of equipment in the early part of the year, and to the inadequate quarters provided for this branch of housework. Every girl has had her share in this weekly task. The project of washing about one hundred and fifty blankets was successfully accomplished during the summer season.

## PHYSICAL TRAINING DEPARTMENT

Each girl receives three regular class periods of physical education a week. Work covered included the following:

- Corrective exercises.
- Marching tactics.
- Tumbling.
- Dancing: Tap, aesthetic, character.

A half hour period, from 12:45 to 1:15 was spent outdoors each day. The girls used this time for roller skating, ice skating, or walking about the grounds. Organized games were played from four until five o'clock. The equipment provided for the following:

- Baseball.
- Basketball.
- Volley ball.
- Archery.
- Group games.

The Y.M.C.A. pool was available for the use of the school on Friday afternoons. The girls were divided into two groups—beginners and advanced—for instruction in swimming and diving. During the season, the majority of the girls learned to swim. Progress records for each student were kept for every activity, and rewards given monthly, for efficiency.

## TRADE WORK

The trade training offered in the School was as follows: Course in commercial work, salesmanship, waitress work, hospital aids, power machine operators, beauty parlor work and dental assistant course. Every girl over fourteen, who was not in the entrance class, was allowed to enroll in one of the courses. The work went slowly at first, but by the end of October, was in full swing. The greatest amount of definite progress was noted in the commercial, salesmanship, dental assistant and beauty parlor classes. The number of girls and staff requiring hair cutting, shampooing, finger waving and manicuring, has given an abundance of practice for the beauty parlor operators. The work done in this department has been of great benefit in raising the standard of cleanliness and establishing a pride in personal appearance among the girls of the School. One girl showed such aptitude and progressed so rapidly in assisting the dentist in his weekly visits to the School, that she was ready for a position by the fall, but was too young to accept one.

## EXTRA-CURRICULAR

## DRAMATICS

Every class has had regular instruction in dramatics. Friday evenings were devoted to impromptu plays and charades, to foster interest, uncover latent ability, and to develop poise and self possession. Frequently, outside organizations contributed programmes of various types. An evening of dramatics was given in May, to which the many friends of the school, who had entertained the girls during the year, were invited.

## LIBRARY

When the School was opened, some nine hundred books were donated by the Travelling Library Department. Some of the books were in need of slight repairs. During the year, the girls have repaired the majority of the books. They have classified and marked them. The library was used for reference and general reading. Two girls were appointed as librarians, and have attended to the distribution of books for reading in the cottages each week.

## HOBBY WORK

An hour a week was set aside for instruction in hobby work. Through several generous donations of stamped art needle work, the girls were provided with embroidery materials. This work was commenced in class and finished during leisure time. Instruction was also given in knitting and crocheting. This work has proved popular with almost every girl, and has provided leisure work throughout the year.

## SUPERVISED STUDY

From seven to eight each school night, study periods were held in the classrooms. Many of the older girls elected to spend the entire evening preparing the next day's lessons.

## FIELD AND GARDEN

The grounds, at the beginning of the season, were in a very rough state. A large area was levelled, graded and seeded, under the direction of the gardener, and with the aid of the girls. Regular periods during the week were assigned to each group of girls for field work. During the season, the work covered the planting of evergreens, the making of hardy flower beds, and a kitchen garden. Instruction was given the girls in the cultivation and care of this vegetable garden. That their efforts were amply rewarded is evident from the following list:

## GARDEN PRODUCE, 1934

Cabbage .....	200 heads
Cauliflower .....	50 heads
Lettuce .....	150 heads
Radishes .....	200 bunches
Corn .....	60 dozen
Vegetable marrow .....	5 dozen
Onions .....	2 bags
Parsley .....	
Beets .....	20 bushels
Carrots .....	10 bushels
Beans .....	8 bushels
Peas .....	4 bushels
White turnips .....	6 bushels
Potatoes .....	8 bushels
Tomatoes .....	30 bushels
Swiss chard .....	10 bushels

## CAMP REPORT

The camp site of the United Church Summer School at Goderich, was rented for a two week period, from July the first to the fourteenth. Forty-three girls were in attendance. The three members of the staff who were in charge of the camp were ably assisted by a group of volunteer workers, the majority of whom were students from MacDonalld Institute, Guelph.

The camp site was a beautiful spot on a high bluff overlooking Lake Huron. Swimming was the major activity, with boating, a close second. Certain periods were set aside for handcraft each day. This work consisted of basketry, leather and paper work. Daily programmes, which included hiking, picnics, games, and camp fires, made the time pass all too quickly. Sunday services were arranged by one of the summer school executives. These services were enjoyed by both the staff and the girls.

While the standard of health in the School has always been high, the girls profitted greatly by two weeks of bathing, sun and outdoor life.

## HEALTH REPORT

## DENTAL

Summary of the first year's dental attention:

Extractions .....	45
Local anaesthetics .....	40
Fillings .....	251
Prophylaxis .....	81
Treatments .....	100
Root canals .....	10
Bridges .....	2

The girls' teeth are now in a satisfactory condition, with one possible exception. Many of them had no previous attention. The exception is a girl who suffered a very severe illness before coming here and whose teeth are badly decalcified. Every effort is being made to preserve these teeth, at least for a few years.

Particular note may be made of the number of eroded teeth among the girls. This is very pronounced in some, less so in others. Correct diet is helping in these cases.

Another point worthy of note, is the number of non-erupted teeth. Several girls have missing laterals or cuspids, but no trouble has been experienced from this.

It has been found advisable in three cases to extract prominent cuspids to make room for the other teeth, and it is gratifying to find the spaces left filling up rapidly.

## MEDICAL

During the past year, every girl who has entered the School has been given a thorough medical examination, including urinalysis and blood test.

One girl with a history of repeated attacks of pleurisy, was taken to the Freeport Sanatorium and given a thorough examination for Tuberculosis. She was found to be in perfect physical health.

Three girls were taken to Toronto for consultation at the clinics of the Sick Children's and General Hospitals, in an effort to find treatment for (a) defective hearing (b) defective sight and (c) curvature of the spine. The latter case was the only one for which anything could be done.

One girl, following appendectomy, has never fully recovered and has developed gastric ulcers and has been on special diet the entire year.

During the year there were three operations: 2 Appendectomies, 1 Tonsillectomy. Four cases were sent to the hospital for observation. Five X-Ray films were taken at the Galt Hospital to determine the nature of accidents, and for dental work. There were six minor accidents, and eleven girls examined and fitted with glasses. The School physician made forty-four visits to the School, and twenty-one girls were taken to his office.

On the whole, the majority of girls have had excellent health throughout the year.

## MENTAL HEALTH

The Mental Health Clinic for the Ontario Hospital in Hamilton has visited the School once a month during the school year. Many difficult behaviour cases have been investigated by the Clinic and treatment recommended for them.

ELSIE L. McKIM, Superintendent.

## APPENDIX F

**Report of**  
**The Inspector of Training Schools, Industrial Schools,**  
**Orphanages and Refuges**

1933-1934

In the Province there are one hundred and twelve Charitable Institutions, two Training Schools and five Industrial Schools classified as follows:-

City Refuges .....	41
Convalescent Homes .....	2
District Houses of Refuge .....	3
County Houses of Refuge .....	31
Orphanages .....	36
Industrial Schools .....	5
Training Schools .....	2
Total .....	120

The foregoing institutions are subject to Provincial inspection, and with the exception of the County Houses of Refuge are in receipt of Provincial aid pursuant to the Charitable Institutions Act R.S.O. 1931, Chapter 79, and Industrial Schools Act 1927, Chapter 329, Chapter 73, 1931. The Institutions have received official visits of inspection, and those entitled to receive Provincial aid have shared in the grants voted by the Legislature.

#### ORPHANAGES

In the several Orphanages 4,915 children were cared for during the year as against 5,010 for the preceding year. There has been no change in respect to placements during the year. The same difficulty has presented itself, namely lack of finances on the part of persons who are willing to take children, but cannot provide for them under present conditions. The buildings are in a fair state of repair. The dietary is good and the bedding satisfactory.

#### CITY REFUGES

The forty City Refuges and two Convalescent Homes provided accommodation for 5,700 persons during the year, and 3,162 remained in the Refuges at the end of the year. Conditions were found to be satisfactory. The dietary has been improved during the year. The menu list sent out by the Department has become the standard for all Refuges.

#### DISTRICT HOUSES OF REFUGE

The three District Houses of Refuge situated at North Bay, Powassan and Sault Ste. Marie are in a good state of repair. The dietary is good, the menu recommended by the Department has been adopted. Beds and bedding are in a satisfactory condition. The three District Houses of Refuge provided lodging for 240 inmates and had 149 in residence at the end of the year.

## COUNTY HOUSES OF REFUGE

The number of inmates in the thirty-one County Houses of Refuge September 30th was 2,128. The buildings and equipment are satisfactory and clean.

## INDUSTRIAL SCHOOLS

Pupils in residence in the five Industrial Schools October 31st, 1934--493, as against 503 on October 31st, 1933.

Number of pupils admitted during year .....	230
Number paroled during year .....	276
Number transferred during year .....	93
Number released from guardianship during year .....	292

## ACADEMIC TRAINING

The academic training is the same as is being taught in the Public and Separate Schools, also

- First and Second year High School work,
- Business training classes, and
- Auxiliary classes for pupils who have not reached the second book.

## VOCATIONAL TRAINING

### GIRLS

Courses of instruction are given in art, dressmaking, horticulture, gardening, care of poultry, and household duties.

### BOYS

Bread and pastry baking, barbering, farm and garden work, printing, shoemaking and tailoring.

## ATHLETICS

Courses in physical training under capable instruction has been given in gymnasium, swimming, and field sports, the health of the pupils being greatly improved thereby.

## HEALTH OF PUPILS

The health of the pupils during the year has been exceptionally good. On admission to the School each pupil is given a mental and physical examination, defects are noted, and treatment given. This is in compliance with the recommendations of the Industrial Schools Advisory Board.

## CONDITION AND ADEQUACY OF BUILDINGS

With the exception of one School, a fireproof building, the others are old, three of them are in a fair state of repair, the other one is in need of remodeling. The sleeping quarters in each School are clean, the beds and bedding in good condition.

## DIETARY

The food is good, varied and well prepared. The good health of the pupils is largely attributable to the menu which is plain but nourishing.

## ONTARIO TRAINING SCHOOLS

## TRAINING SCHOOL FOR GIRLS — GALT

The pupils admitted to this School are girls whose I.Q. is 80 or over, have a fair degree of intelligence, but are in need of discipline and training. The academic and vocational training supervised by an excellent staff should bring good results in reforming these girls. The religious and physical training are great factors in bringing normalcy into the lives of the pupils. The buildings are in first class condition and kept clean. The grounds have been improved. The effect of pure air, discipline, religious and academic training is observed in the appearance of pupils in this institution.

## TRAINING SCHOOL FOR BOYS — BOWMANVILLE

The grounds surrounding this School are attractive and inviting, and dispel fear from the mind of the boy who is being admitted there. It is just a school to him, in which he will receive training to equip him for his life's work. He will receive academic and vocational training, and the necessary discipline required to bring him back to normalcy. The atmosphere in this school is fine, there is a display of comradeship throughout the whole institution. The leadership is excellent and boys become imbued with a desire to follow the leader. Under such conditions the boy who has slipped a cog soon becomes an apt pupil, and in a brief period is returned to his home again to attend school or work.

The buildings are in good repair and kept very clean. Vocational shops are adequate with efficient instructors. Dietary is good and well served. The academic course continues to maintain its high state of efficiency. Religious training is given and is an all important factor in maintaining the high standard of the School.

C. H. BUCKLAND, Inspector.

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## APPENDIX G

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### Report of The Medical Officer

1933-1934

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As heretofore, the time of the Medical Officer has been divided amongst medical matters pertaining to the administration of the Mothers' Allowances Act, Industrial Schools Act, Training Schools Act, and the Children's Protection Act, with the large percentage of time devoted to the investigation of the Mothers' Allowances cases coming under the Incapacitation Clause of the Act.

Every effort has been made to secure the fullest possible medical information on all new applications and on all active cases, in order to decide fairly whether the husband or older child is totally and permanently incapacitated within the meaning of the Act. This has meant correspondence with the reporting physician, and with hospitals where treatment has been given; it has also meant the searching of hospital files and the personal examination of such cases as were in doubt. This has necessitated visits to nearly every corner of the Province, and in some cases repeated visits. In spite of this thorough investigation, certain cases remain in doubt or on the borderline.

The classification of "total and permanent incapacitation" is sometimes a difficult one to define, as certain types, who, while physically capable of performing a certain amount of work, are still permanently incapacitated; for example, there are the epileptics who, in the intervals between seizures, are quite capable of working, but who, because of the fact that they are liable to have a seizure at any moment, are refused employment, as employers do not wish to take the risk of injury either to the epileptic himself or to one of his co-workers. There are also certain types of mental cases who are capable of performing a great deal of work under close supervision and direction, but who would not be employed by any employer. There are other types again who, while physically incapable of performing hard manual labor, would be quite capable of clerical work if they had the training, but as they have not this training and are either too old or have not sufficient mentality to train, they are likewise "permanently unemployable". This classification, which is the one used in the War Veterans' Allowances Act, is a much more descriptive and workable classification than "total and permanent incapacitation".

In the administration of both the Industrial Schools Act and the Training Schools Act, as well as in the Children's Protection Act, the need for increased accommodation for mentally defective children is becoming more and more apparent.

The co-operation received from the Travelling Chest Clinic of the Department of Health, from the Mental Health Clinics of the Department of Health, and from the superintendents of both the Ontario hospitals and the general hospitals, and from the medical profession at large, has been of the greatest assistance in the carrying out of this work. These services have been rendered without any remuneration from the Department.

G. G. CLEGG, Medical Officer.



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## APPENDIX H

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### Report of Work of Ontario Society for Crippled Children

1934

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The Ontario Society for Crippled Children co-operated with the Department of Public Welfare in the first province-wide publicity effort in relation to crippled children. This was called ONTARIO CRIPPLED CHILDREN WEEK and the dates were April 8-14, 1934. The purposes of the week were to disseminate information, particularly addressed to parents on the prevention of deformity and by a united effort to discover crippled children in the Province who needed treatment but whose parents were not in a position to provide it. Twenty-five organizations gave their active assistance in the planning of publicity under five headings: Motion Pictures, Pamphlets, Press, Speakers and Radio. Letters were written to school teachers, ministers and others throughout the Province, and a very active week of publicity resulted in the reporting of 367 cases. Of this number, 48 were already known to some organization and were receiving care.

A follow-up committee with representatives from the Department of Public Welfare, the Ontario Society, the Rotary Clubs, the Shrine and the Junior Red Cross made a careful study of the cases and allotted them to the various organizations for necessary treatment. We are glad to report that 200 cases have been carried through to a successful conclusion, and the remainder will be followed up until some satisfactory disposition is made.

The Society is embarked on a larger field of service with particular attention to the following services: (1) Extension of organized work into counties and districts previously unorganized. (2) The establishment of a vocational training centre in Toronto on an experimental basis. When this has been developed sufficiently, it will be tried out in other large centres where there are facilities for proper training and employment. (3) The establishment of district nursing centres for the purpose of assisting clubs, organizations and committees with the details of their work so that every child who needs treatment may be found early and no case will be overlooked.

In order to put these new services into effect, it was found necessary to raise a central fund, and this was done under the Crippled Children's Foundation Fund. This organization was incorporated for the single purpose of raising money to be applied to work for crippled children. It is in the form of a permanent endowment and has received splendid support from many of the public-spirited people throughout the Province.

The ninety service organizations co-operating with the Ontario Society for Crippled Children show an ever-increasing interest in their work, and although the reports for the year's activity are not yet in final form, it is evident that approximately 1,600 children received care and treatment during this period.

R. HOPPER, Executive Secretary.

## APPENDIX I

### Report of

### Unemployment Relief Branch

Direct Relief in the fiscal year ended October 31st, 1934, was reported from 583 municipalities. These included the 28 Cities, 131 Towns, 96 Incorporated Villages and 328 Townships. In addition, the Province, through the Relief Officers of the Unemployment Relief Branch, has acted in the capacity of a municipality in furnishing relief in the unorganized sections of the Territorial Districts.

The expenditure of the Province for Direct Relief in municipalities and the unorganized sections referred to amounted to \$27,358,802.11 during the fiscal year. Of this amount the Dominion refunded to the Province during the same period \$10,799,822.49.

It may be pointed out that prior to August 1st, 1934, the Dominion Government shared the costs of relief with the Province on a percentage basis. Prior to that date the Dominion Government withdrew from this relationship and decided to make a monthly grant-in-aid to the Province to assist in carrying relief costs. This monthly grant-in-aid has been fixed at \$600,000.00. This new basis has very considerably increased the burden resting upon the Provincial Treasury.

In addition to the Direct Relief expenditures already indicated certain relief projects were carried on during the last fiscal year. Such projects were undertaken in 308 municipalities which included 10 Cities, 40 Towns, 36 Incorporated Villages, 183 Townships and 30 Counties. The expenditure made by the Province during the year on account of these works was \$2,962,991.46. Of this amount the Dominion Treasury refunded during the same period \$752,678.88.

The gross expenditure of the Province on Direct Relief and Relief Work Projects and including Administration of \$282,421.72, was \$30,604,035.29.

The cost of Administration to the Province during the year was somewhat less than 1% of the gross expenditure.

D. B. HARKNESS,  
Acting Secretary,  
Unemployment Relief Branch,  
Department of Public Welfare.

**PART II**

**FINANCIAL and STATISTICAL**

**REPORT**

**OF THE**

**DEPARTMENT of PUBLIC**

**WELFARE**

**1933 - 1934**



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FINANCIAL AND STATISTICAL REPORT

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# Department of Public Welfare

## FINANCIAL REPORT 1933-1934

The gross total Departmental expenditure for the fiscal year November 1st, 1933 to October 31st, 1934, amounted to Fourteen millions, and seven Thousand, Four Hundred and Seventy-six Dollars and Twenty-nine cents (\$14,007,476.29).

Revenue receipts for the same period amounted to Nine Millions, Seven Hundred and Two Thousand, Two Hundred and Nineteen Dollars and Eighty-nine cents (\$9,702,219.89). Of the total revenue receipts the sum of Eight Millions, Three Hundred and Two Thousand, Four Hundred and one Dollars, and Fifty-five cents (\$8,302,401.55) has been applied to the reduction of expenditure:-

Children's Aid Branch .....	\$ 101.50
Ontario Training School for Boys .....	40,358.80
Ontario Training School for Girls .....	11,034.20
Mothers' Allowances Commission .....	1,220,862.17
Old Age Pensions Commission .....	7,030,044.88
	\$ 8,392,401.55

The remaining portion of the Revenue amounting to One Million Three Hundred and Ninety-nine Dollars, Eight Hundred and Eighteen Dollars and Thirty-four cents (\$1,399,818.34):-

Soldier's Aid Commission (Salary Assessment) .....	\$ 583.93
Ontario Training School for Boys (Gymnasium Fund) .....	650.00
Ontario Training School for Boys (Interest on Bonds) .....	460.00
Mothers' Allowances Commission .....	149,687.97
Old Age Pensions Com. (Municipal Revenue) .....	101,957.13
Old Age Pensions Com. (Federal Revenue) .....	1,146,479.31
	\$ 1,399,818.34

Will be finally disposed of by The Department of The Provincial Treasurer, the items referring to The Mothers' Allowances Commission and the Old Age Pensions Commission are applicable to accounts receivable as at October 31st, 1933 (see Public Accounts 1932-33, page 37).

	Adminis- tration Expense	Grants	Total Gross Expendi- ture	Reduced by Revenue Receipts	Total Net Expendi- ture
Main Office.....	\$ 451,017.79	\$ 436,626.95	\$ 479,204.16		\$ 479,204.16
Children's Aid Branch.....	56,392.10	52,169.92	108,562.02	\$ 101.50	108,460.52
Children of Protection and Children of Unmarried Parents Act .....	49,302.50		49,302.50		49,302.50
Ontario Training School (Boys) .....	103,673.85		103,673.85	40,358.80	63,315.05
Ontario Training School (Girls) .....	38,281.05		38,281.05	11,034.20	27,246.85
Ontario Training School (Toronto Club) .....	135.00		135.00		135.00
Mothers' Allowances .....	82,110.55	3,030,375.20	3,112,485.75	1,220,862.17	1,891,623.58
Old Age Pensions Com. ....	78,545.53	10,037,286.43	10,115,831.96	7,030,044.88	3,085,787.08
Totals .....	\$451,017.79	\$13,556,458.50	\$14,007,476.29	\$8,302,401.55	\$5,705,074.74

### ADMINISTRATION EXPENSE

#### MAIN OFFICE

Minister's Salary .....	\$ 9,387.07
Permanent Staff Salaries .....	15,144.26
Temporary Staff Salaries .....	5,109.61
Travelling Expenses .....	2,159.46
Purchase of equipment .....	366.47
Stationery & Printing .....	3,009.53
Telegraphs & Telephones .....	198.39
Advertising .....	664.45
Miscellaneous .....	657.49
Exhibits .....	59.25
	\$ 36,755.98
Standard Relief Forms .....	5,821.23

## CHILDREN'S AID BRANCH

Permanent Staff Salaries .....	\$	47,488.15	
Temporary Staff Salaries .....		5,446.68	
Travelling Expenses .....		1,844.25	
Maintenance of Equipment .....		10.46	
Stationery & Printing .....		1,279.06	
Miscellaneous .....		323.50	
			\$ 56,392.10

SERVICES & EXPENSES, ADMINISTRATION  
CHILDREN'S PROTECTION ACT & CHILDREN  
UNMARRIED PARENTS ACT

Salaries of Local Superintendents .....	\$	38,257.81	
Travelling Expenses, Superintendents .....		6,405.79	
Legal .....		4,519.60	
Miscellaneous .....		119.30	
			\$ 49,302.50

## ONTARIO TRAINING SCHOOL FOR BOYS (BOWMANVILLE)

Permanent Staff Salaries .....	\$	38,032.36
Temporary Staff Salaries .....		3,424.92

## OPERATING EXPENSES

Medicines .....	\$	2,460.94	
Provisions .....		11,264.03	
Fuel, Light, Power, etc. ....		11,331.96	
Clothing .....		5,766.41	
Laundry .....		4,679.78	
Furniture & Furnishings .....		1,348.69	
Office Expense .....		2,036.32	
Farm Expense .....		3,277.84	
Recreation .....			
Equipment & Contingencies .....		12,033.48	
			\$ 54,199.45

## MAINTENANCE &amp; REPAIRS

Buildings .....	\$	5,711.36	
Engineers .....		2,031.36	
Live Stock .....		74.40	
			\$ 7,817.12

Car allowance to Superintendent .....	\$	200.00
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Toronto Club .....	\$	103,673.85	
		135.00	
			\$ 103,808.85

## ONTARIO TRAINING SCHOOL FOR GIRLS (GALT)

Permanent Staff Salaries .....	\$	6,733.30
Temporary Staff Salaries .....		8,176.39

	\$	14,909.69
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## OPERATING EXPENSES

Medicines .....	\$	2,372.09	
Provisions .....		5,387.85	
Fuel, Light, etc. ....		4,779.83	
Clothing .....		2,657.58	
Laundry .....		1,203.50	
Furniture & Furnishings .....		310.27	
Office Expense .....		1,352.01	
Garden .....		399.20	
Recreation, Equipment & Contingencies .....		3,913.02	
			\$ 22,375.35

MAINTENANCE & REPAIRS

Buildings .....	\$	831.63		
Engineers .....		112.58		
Grounds .....		51.80		
			\$	996.01
			\$	38,281.55

MOTHERS' ALLOWANCES COMMISSION

Permanent Staff Salaries .....	\$	47,850.26		
Temporary Staff Salaries .....		6,086.04		
Travelling Expenses .....		20,915.52		
Local Board Expenses .....		3,882.02		
Stationery & Printing .....		3,304.91		
Miscellaneous .....		71.80		
			\$	82,110.55

OLD AGE PENSIONS COMMISSION

Permanent Staff Salaries .....	\$	23,994.95		
Temporary Staff Salaries .....		21,055.29		
Travelling Expenses .....		21,435.90		
Local Board Expenses .....		2,036.17		
Maintenance of equipment .....		145.15		
Purchase of equipment .....				
Stationery & Printing .....		8,264.96		
Registration Fees .....		1,584.08		
Telegraphs & Telephones .....		4.13		
Miscellaneous .....		24.90		
			\$	78,545.53

Total administration Expense .....

		\$	451,017.79
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GRANTS

MAIN OFFICE

Refuges .....	\$	129,544.40		
Orphanages .....		82,341.40		
Industrial Schools .....		152,299.25		
Salvation Army for Prison Gate Work .....	\$	2,500.00		
Salvation Army, Immigrants .....		3,000.00		
			\$	5,500.00
Society for Prevention of Cruelty for Animals .....				1,000.00
Canadian Girl Guides Association .....				2,000.00
Boy Scouts Association .....				
Soldier's Aid Commission .....	\$	41,000.00		
Soldier's Aid Commission—Tax arrears .....		1,576.71		
Soldier's Aid Commission—Direct Relief to Veterans .....		2,000.00		
Soldier's Aid Commission—Teacher's Salaries (Bon Air Hostel) .....		1,200.00		
			\$	45,776.71
Memorial Wreaths .....				2,029.25
Crippled Children .....	\$	8,000.00		
Crippled Children (Crusade Week) .....		1,151.83		
			\$	9,151.83
Friendship Crusade .....				142.73

INDIGENTS FROM UNORGANIZED TERRITORY

Maintenance .....	\$	2,018.20		
Burial .....		1,823.18		
			\$	4,441.38
Community Welfare Council of Ontario .....				1,000.00
Canadian Council on Social Work .....				200.00
Canadian Council Child & Family Welfare .....				1,000.00
National Council Young Men's Christian Association .....				200.00
			\$	436,626.95

## CHILDREN'S AID BRANCH

Maintenance of children .....	\$	36,207.98	
Miscellaneous Refunds .....		8,515.59	
Inquiry Windsor Children's Aid Shelter .....		6,646.35	
Association of Children's Aid Societies .....		800.00	
		<u>          </u>	\$ 52,169.92

## MOTHERS' ALLOWANCE COMMISSION

Municipal portion .....	\$	1,385,872.60	
Province of Ontario Portion .....		1,644,502.60	
		<u>          </u>	\$ 3,030,375.20

## OLD AGE PENSIONS

Federal .....	\$	7,501,142.93	
Municipal .....		918,476.25	
Province of Ontario .....		1,573,065.20	
Other Provinces .....		44,602.05	
		<u>          </u>	\$10,037,286.43
			<u>          </u>
			\$13,556,458.50

## REVENUE

## MAIN OFFICE

Soldier's Aid Salary Assessment .....	\$	583.93	
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## CHILDREN'S AID

Balances reverting a/c deceased children .....	\$	101.50	
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## ONTARIO TRAINING SCHOOL FOR BOYS (BOWMANVILLE)

Gymnasium Fund .....	\$	650.00	
Interest Debentures .....		460.00	
Perquisites .....		4,822.00	
Maintenance receipts .....		33,584.28	

## Casual Revenue Receipts:-

Sale of meals .....	\$	16.75	
Sale of Live Stock .....		1,130.34	
Sale of Milk .....		51.33	
Sale of Hay & Grain .....		367.25	
Sale of Fire Screens .....		35.00	
Sale of Window Screens .....		225.00	
Sale of Apples .....		55.19	
Sale of Metal .....		3.08	
Seed Cleaving .....		68.58	
		<u>          </u>	\$ 1,952.52
			<u>          </u>
			\$ 41,468.80

## ONTARIO TRAINING SCHOOL FOR GIRLS (GALT)

Casual Revenue .....	\$	19.50	
Sale of meals & board .....		2,132.15	
Perquisites .....		8,882.55	
		<u>          </u>	\$ 11,034.20



MOTHERS' ALLOWANCES COMMISSION

Municipalities .....	\$ 1,366,330.01	
Refunds from various sources .....	4,220.13	
	<u>                    </u>	\$ 1,370,550.14

OLD AGE PENSIONS COMMISSION

Federal receipts .....	\$ 7,298,150.21
Municipal receipts .....	881,451.10
Other Provinces .....	30,050.61

Refunds from various sources:-

Deceased estates .....	\$ 57,485.95	
Misrepresentation of Assets .....	5,753.60	
Overpayments of Pension .....	580.29	
Part month of death .....	988.22	
Voluntary withdrawal .....	4,021.34	
	<u>                    </u>	\$ 68,829.40
		<u>                    </u>
		\$ 8,278,481.32
		<u>                    </u>
		\$ 9,702,219.89

JOHN M. McCULLOUGH,  
 Accountant,  
 Department of Public Welfare.

OLD AGE PENSIONS — FISCAL YEAR ENDING OCT. 31st, 1934.

	100% Amount Disbursed		Net Amount		Amount Chargeable		Journal		Cash Returns	Cancelled Cheques	Net Amount	Balance Outstanding 31st Oct., 1933	Amount Due 31st Oct., 1934	Amount Received Nov. 1st, 1933	Balance Outstanding Oct. 31st, 1934
	\$	%	\$	%	\$	%	\$	%							
Brant	66,013.38	7.00	65,312.88	18.00	6,601.34	1.50	18.00	1.50	22.88	70.05	6,521.91	592.95	7,024.86	6,441.62	483.24
Bruce	94,394.06	1,117.50	93,276.36	5.50	9,439.40	86.01	5.50	5.50	101.12	130.05	9,236.14	765.84	10,001.98	9,183.14	818.84
Carleton	121,903.52	1,300.50	123,603.02	52.65	12,490.36	12,490.36	52.65	3.50	101.12	130.05	12,308.42	1,010.63	13,319.05	13,319.05	0.00
Dufferin	37,926.27	657.50	37,926.77	4.50	3,792.60	3,792.60	4.50	11.50	35.55	65.75	3,684.30	565.08	3,983.38	3,663.72	325.66
Elgin	121,853.72	1,385.52	120,468.29	2.00	12,185.37	2,000	34.50	34.50	211.11	138.55	11,803.31	989.99	12,793.17	11,829.31	963.86
Essex	163,371.88	1,715.48	161,656.10	16,337.18	7,908.57	4.50	4.50	4.50	131.61	171.54	16,038.53	16,989.47	35,028.00	6,009.00	27,029.00
Frontenac	79,085.60	900.50	78,185.10	32.00	7,908.57	16.00	32.00	16.00	43.52	90.65	7,774.70	627.80	8,402.50	7,727.00	675.50
Grey	117,168.72	1,410.06	115,758.66	11,716.87	11,716.87	32.00	32.00	32.00	179.89	141.01	11,411.97	931.89	12,343.86	11,320.51	1,023.35
Haldimand	56,884.31	682.42	56,201.89	5,688.45	5,688.45	19.14	19.14	19.14	68.21	56.01	5,601.97	910.45	6,514.52	5,656.81	857.71
Hatton	67,611.62	819.77	66,791.85	6,761.14	6,761.14	54.00	54.00	54.00	57.05	47.20	6,261.98	565.22	7,187.20	6,919.23	267.97
Hastings	154,312.28	1,722.00	152,990.28	15,431.22	15,431.22	48.00	48.00	48.00	59.58	49.50	15,205.37	1,225.57	16,440.46	15,147.75	1,292.71
Huron	145,600.62	1,728.08	143,962.54	14,569.05	2,000	2,000	2,000	2,000	263.34	172.81	14,134.90	1,606.22	15,195.42	13,887.10	1,308.02
Kent	107,719.24	1,238.00	106,841.26	10,771.91	10,771.91	50.00	50.00	50.00	55.40	46.20	10,419.74	1,006.22	12,215.96	11,245.21	1,070.72
Lambton	97,525.31	825.00	91,692.41	9,251.84	2.00	2.00	2.00	2.00	169.12	82.60	9,002.12	713.41	9,715.56	8,922.76	792.80
Lanark	92,318.84	955.00	96,376.84	9,752.58	4.00	4.00	4.00	4.00	111.50	95.50	9,677.58	797.68	10,475.26	9,651.37	823.89
Leeds & Grenville	142,314.50	1,414.50	142,374.83	14,378.93	14,378.93	40.00	40.00	40.00	98.96	141.45	14,138.52	1,195.52	15,334.04	14,112.71	1,221.33
Lennox & Addington	70,578.23	791.51	69,771.10	8,422.51	6.00	6.00	6.00	6.00	194.65	79.15	8,222.52	565.85	7,388.37	6,909.74	478.63
Lennox	81,255.44	954.34	80,271.10	8,422.51	8,422.51	10.50	10.50	10.50	257.17	161.99	14,695.20	1,232.00	15,927.20	14,692.68	1,234.52
Middlesex	151,255.74	1,619.90	149,638.84	15,125.86	15,125.86	6.00	6.00	6.00	185.49	140.32	12,462.46	1,007.88	13,370.34	12,332.96	1,037.38
Norfolk	127,052.50	1,493.24	125,670.32	12,708.27	20,680.65	6.00	25.00	25.00	299.58	240.50	20,116.55	1,529.29	21,645.84	20,161.25	1,484.59
Northumberland & Durham	206,806.33	2,455.00	203,351.32	20,680.65	13,681.17	4.50	41.00	41.00	293.62	151.95	13,096.10	1,071.35	14,170.45	12,922.82	1,247.63
Ontario	156,811.62	1,514.50	155,292.12	13,681.17	7,436.44	.....	.....	.....	315.45	86.74	7,034.25	567.34	7,541.59	6,878.71	662.88
Oxford	74,294.44	867.40	73,497.04	7,457.12	.....	.....	.....	.....	134.48	93.60	7,529.98	624.66	8,117.64	7,461.19	656.45
Peel	77,511.27	936.58	76,574.69	7,457.12	.....	.....	.....	.....	140.61	110.29	6,962.57	568.29	7,472.80	6,831.79	641.01
Peterborough	70,771.65	859.50	69,913.55	7,077.11	7,271.38	56.00	106.00	106.00	38.23	85.75	6,400.12	568.57	7,027.60	6,818.21	209.39
Prescott & Russell	119,167.28	1,441.50	118,025.78	14,346.72	14,346.72	.....	.....	.....	3.12	11.15	14,730.15	1,185.87	16,282.00	15,488.70	793.30
Prince Edward	86,660.58	542.50	86,068.08	8,663.65	3.00	3.00	3.00	3.00	10.71	53.25	8,692.09	690.11	9,387.50	8,573.73	813.76
Renebaw	158,913.36	1,816.97	157,096.39	15,891.34	15,891.34	36.00	36.00	36.00	181.70	121.78	15,651.14	1,217.38	17,173.42	15,933.14	1,240.28
Simcoe	201,246.26	2,049.32	200,196.94	20,424.63	20,424.63	20.00	387.31	387.31	301.36	230,451.76	2,487.28	31,959.04	29,520.15	2,438.89	
Stornont, Dundas & Glengarry	216,613.16	2,709.55	215,903.61	21,661.32	21,661.32	5.00	6.00	6.00	270.96	217.61	21,377.01	1,765.88	23,137.43	21,525.10	1,612.33
Victoria	77,625.16	908.62	76,716.18	7,762.51	7,762.51	.....	.....	.....	68.33	47,696.72	1,293.91	2,693.91	2,825.54	1,531.63	
Waterloo	110,838.60	1,008.42	109,770.18	11,083.85	22.00	22.00	22.00	22.00	268.60	106.84	10,730.41	909.46	11,520.87	11,351.95	168.92
Welland	114,929.82	905.00	113,954.82	11,493.01	11,493.01	4.00	4.00	4.00	30.63	39.50	11,372.88	868.81	12,241.69	11,536.05	705.64
Wentworth	98,116.38	859.50	97,256.88	9,811.63	.....	.....	.....	.....	77.15	85.95	9,648.53	770.28	10,418.81	9,563.69	855.12
York	88,747.83	1,016.84	87,730.49	8,874.80	8,874.80	18.50	162.24	162.24	162.24	101.69	8,629.37	748.32	9,377.70	8,586.99	790.71
	456,951.25	4,394.82	452,556.43	45,635.12	45,635.12	113.50	70.90	70.90	338.17	439.47	44,959.78	3,616.91	48,576.25	46,333.67	2,242.58
	4,599,216.67	50,682.34	4,549,921.66	694,663	178,300	4,919,993	5,000.32	450,119.74	65,320.91	515,440.25	425,206.67	90,233.58	8,043.51	8,043.51	0.00
Brookville	46,151.24	354.00	45,800.24	4,615.42	4,615.42	.....	.....	.....	35.40	4,580.02	398.40	4,978.19	4,571.94	406.25	
Gananoque	20,982.35	267.50	20,724.85	2,098.26	2,098.26	.....	.....	.....	23.75	2,072.51	254.97	2,243.97	1,899.55	344.42	
Ingersoll	19,656.52	215.00	18,841.52	1,965.67	1,965.67	.....	.....	.....	5.43	1,878.74	173.98	2,052.72	1,892.88	160.84	
Prescott	16,298.83	115.00	16,253.83	1,636.89	1,636.89	4.00	4.00	4.00	11.50	1,621.39	71.50	1,692.89	1,602.89	90.00	
St. Marys	16,479.33	156.00	16,329.33	1,647.93	1,647.93	.....	.....	.....	16.38	1,620.55	4.00	1,616.55	1,481.55	135.00	
Smith's Falls	24,008.07	280.00	23,728.07	2,400.80	2,400.80	.....	.....	.....	28.00	2,171.67	198.61	2,370.28	2,027.61	342.67	
Timmins	13,291.07	95.00	13,196.07	1,329.10	1,329.10	4.00	4.00	4.00	9.50	1,311.60	89.90	1,405.50	1,284.38	121.12	
Trenton	31,932.88	195.00	31,737.88	3,193.28	3,193.28	.....	.....	.....	26.73	19.50	3,147.05	251.59	3,498.61	3,243.61	255.00
Walkerville	22,938.06	145.00	22,793.06	2,292.80	2,292.80	.....	.....	.....	14.50	2,279.30	202.60	2,481.93	2,264.12	217.81	
	205,211.35	1,806.50	203,404.85	20,521.15	4,000	60,000	197.67	180.65	20,086.83	1,553.47	21,640.20	2,015.38	23,414.92	22,153.38	1,261.54

Belleville	46,361.68	402.58	45,871.50	4,626.41	4.50	1,500	49.25	4,582.65	344.75	4,929.40	4,501.91
Brantford	145,486.19	898.00	144,588.19	14,518.60	4.50	125.70	89.50	14,337.60	1,081.49	15,419.09	14,192.26
Chatham	53,172.20	463.00	52,709.20	5,247.52	10.00	119.75	36.50	5,171.17	821.51	6,023.31	5,604.45
East Windsor	18,311.16	65.00	18,246.16	1,831.11	1.00	.....	6.00	1,828.61	116.81	1,945.46	1,494.16
Fort William	29,981.88	300.00	29,681.88	2,998.19	.....	.....	30.50	2,988.19	291.65	3,279.84	2,986.94
Galt	48,759.39	305.25	48,454.14	4,875.95	.....	38.00	30.50	4,845.45	416.10	5,153.82	4,720.90
Geoph	65,188.64	605.21	64,583.43	6,518.70	13.50	70.00	30.50	6,488.20	3,002.11	6,196.40	6,268.09
Hamilton	471,582.67	8,711.86	462,870.81	47,158.21	17.74	178.08	371.18	46,434.96	3,602.36	50,117.02	42,033.51
Kingshott	90,161.37	1,036.61	89,124.76	9,016.15	4.00	234.11	103.66	8,893.36	716.04	9,609.10	6,577.93
Kitchener	32,836.16	231.50	32,604.66	3,136.31	8.00	43.50	51.83	3,069.66	834.89	3,904.55	3,146.13
London	265,192.86	2,421.66	262,771.20	26,349.40	26.00	256.00	242.46	25,915.38	2,178.68	28,091.06	25,896.37
Niagara Falls	39,001.81	242.82	38,758.99	3,900.08	10.00	391.56	22.20	3,878.88	318.80	4,197.32	3,874.99
North Bay	53,603.96	451.50	53,152.46	5,300.16	.....	.....	22.48	5,278.18	218.10	5,496.38	5,172.12
Oshawa	110,635.44	3,506.52	107,128.92	11,066.55	6.00	63.63	43.75	10,992.62	406.99	11,399.68	10,992.62
Owen Sound	52,358.82	782.05	51,576.77	5,253.88	17.50	42.00	183.11	5,070.37	439.11	5,511.41	5,117.44
Peterborough	83,311.81	635.57	82,676.24	8,331.48	7.00	8.00	78.21	8,253.57	704.35	8,957.92	8,258.29
Port Arthur	31,439.83	160.00	31,279.83	3,191.98	.....	1.14	16.00	3,144.84	260.01	3,404.85	3,150.79
St. Catharines	80,319.98	826.51	79,493.47	8,022.62	.....	93.59	82.65	7,853.76	637.01	8,490.80	7,799.58
St. Thomas	46,702.25	423.56	46,278.69	4,670.25	.....	261.17	72.65	4,546.93	922.54	5,469.47	5,850.47
Summit	51,638.70	425.00	51,213.70	5,163.88	22.00	266.74	42.36	5,056.61	393.26	5,449.96	4,985.15
Stratford	62,273.90	506.80	61,767.10	6,227.59	.....	190.58	50.68	6,016.33	438.01	6,511.34	4,927.51
Sudbury	30,617.51	259.00	30,358.51	3,061.76	6.00	3.00	293.97	3,016.71	262.11	3,278.82	3,025.47
Toronto	1,917,151.17	12,029.72	1,905,121.45	194,745.16	112.14	293.98	1,292.97	191,525.31	10,225.63	207,750.91	192,514.67
Wendland	19,273.27	75.00	19,198.27	1,927.33	.....	.....	7.50	1,919.83	155.99	2,075.82	1,745.63
Windsor	144,118.59	1,651.00	142,467.59	14,411.87	3.00	6.00	105.10	14,303.77	1,112.10	15,415.87	14,096.24
Woodstock	34,890.21	229.00	34,661.21	3,489.03	.....	64.10	22.00	3,462.93	256.93	3,719.86	3,442.76
	4,165,751,229,352,26	4,132,178,96	4,132,570,057	446,573.13	315.04	492.35	3,355.22	438,672.27	31,973.17	473,645.44	436,619.51
	9,270,139,218,342,10	9,181,717,11	9,181,717,11	927,615.94	923.67	1,036.65	9,485.93	8,344.19	908,878.58	1,010,872.59	881,451.10
Algonia	104,354.85	1,259.00	103,095.85	26,988.71	10.00	18.00	96.31	25,659.65	.....	.....	.....
Cochrane	52,129.27	668.00	51,461.27	13,030.81	.....	.....	167.00	12,873.81	.....	.....	.....
Halliburton	33,071.93	197.20	32,874.73	3,047.98	98.00	10.00	49.99	3,006.69	.....	.....	.....
Kenora	41,780.29	525.00	41,255.29	10,445.08	.....	35.00	131.25	10,273.81	.....	.....	.....
Mammoth	22,873.00	913.73	22,966.73	2,097.90	8.00	.....	79.69	2,038.06	.....	.....	.....
Muskoka	81,098.74	892.50	80,206.24	8,097.25	6.00	50	196.87	7,908.57	.....	.....	.....
Nipissing	102,171.41	992.00	101,179.41	25,867.89	.....	.....	17.58	27,603.17	.....	.....	.....
Parry Sound	109,521.82	1,029.19	108,502.63	27,981.19	.....	10.00	12.50	27,575.17	.....	.....	.....
Rathay River	50,291.99	511.00	49,780.99	4,959.92	.....	16.48	135.25	4,823.73	.....	.....	.....
Sudbury	68,859.69	817.65	68,042.04	7,217.95	.....	6.11	201.20	7,006.60	.....	.....	.....
Thunder Bay	22,115.25	110.00	21,995.25	3,611.32	10.00	.....	53.00	3,558.32	.....	.....	.....
Temiskaming	77,613.19	522.00	77,091.19	18,307.28	.....	2.50	130.75	18,170.73	.....	.....	.....
Pelee Island	3,302.75	40.00	3,262.75	825.68	.....	.....	10.00	815.69	.....	.....	.....
	768,616.56	7,836.69	760,809.87	190,015.24	132.00	64.50	259.65	190,015.24	.....	.....	.....
Alberta	5,617.98	113.22	5,504.76	14,38.70	.....	.....	18.50	1,190.40	.....	1,190.40	.....
British Columbia	6,920.89	60.00	6,860.89	1,169.58	.....	.....	13.50	1,156.08	.....	1,156.08	.....
Manitoba	7,079.65	80.00	6,999.65	1,619.54	.....	.....	19.00	1,600.71	.....	1,600.71	.....
Saskatchewan	21,634.00	919.10	21,714.90	4,665.26	.....	.....	59.78	4,545.58	.....	4,545.58	.....
Ontario	16,246.46	234.00	15,982.46	.....	.....	.....	.....	.....	.....	.....	.....
Nova Scotia	80.00	.....	80.00	20.00	.....	.....	.....	20.00	.....	20.00	.....
	56,658.21	706.32	56,951.89	8,553.38	.....	.....	110.58	8,142.80	.....	8,142.80	.....
	10,995,458,01,93,979,110,000	10,979,478,90	10,979,478,90	1,127,729.37	1,055.07	1,095.15	9,745.58	10,607.43	1,107,336.88	101,847.15	1,019,168.79
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	881,451.10
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	129,274.89
Accounts Payable	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Alberta	7,391.59	.....	7,391.59	.....	.....	.....	.....	7,391.59	.....	7,391.59	.....
British Columbia	10,211.50	.....	10,211.50	.....	.....	.....	.....	10,211.50	.....	10,211.50	.....
Manitoba	7,939.94	.....	7,939.94	.....	.....	.....	.....	7,939.94	.....	7,939.94	.....

OLD AGE PENSIONS — FISCAL YEAR ENDING OCT. 31st, 1934 — Continued

	100% Amount Disbursed		100% Canceled Cheques		Net Amount	Chargeable Amount	Journal		Cash Refunds	Cancelled Cheques	Net Amount	Balance Outstanding Oct. 31st, 1933	Amount Received Nov. 1st, 1933	Balance Outstanding Oct. 31st, 1934
	Amount	Cr.	Dr.	Cr.										
Saskatchewan	10,560.99				10,560.99						10,560.99			
Prince Edward Island	4.50				4.50						4.50			
Nova Scotia	50.73				50.73						50.73			
	36,159.25				36,159.25						36,159.25			
Accounts Receivable														
Alberta														
British Columbia														
Manitoba														
Saskatchewan														
Prince Edward Island														
Nova Scotia														
Province of Ontario														
Dominion of Canada														
Municipalities														
Countries	4,599,216.67		50,083.94		4,549,132.73			601.63	478.36	5,008.32	450,119.74	65,220.51	425,206.67	90,233.58
Towns	205,211.35		1,806.50		203,404.85			4.00	60.00	187.67	20,036.83	1,553.47	19,624.92	2,013.38
Cities	1,165,731.22		33,522.26		1,132,208.96			315.04	492.35	4,338.33	438,672.27	34,373.17	436,619.51	37,025.93
Adjustment	55.78		45.00		100.78					100.78		109.98		109.98
Districts	768,610.56		7,830.69		760,779.87			132.00	61.50					
Interprovincial														
Accounts Payable	56,658.21		706.32		55,951.89									
Accounts Receivable	36,159.25				36,159.25									
Province of Ontario														
Dominion of Canada														
	10,131,673.01	93,934.11	10,037,738.93	110,431,617.21	1,095,151,095.15	69,281,903,979.11	19,968,389,531.21	1,218,436.11	11,218,436.11	8,602,583.12	7,298,150.21	1,304,232.91	1,304,232.91	1,433,617.78

STATISTICAL REPORT OF OLD AGE PENSIONS ACCORDING TO MUNICIPALITIES, 1933-1934

Municipality	Reasons for Ineligibility										Status						Age			Nationality									
	ELIGIBLE	INELIGIBLE	ASSETS	ASSETS NOT DISCLOSED	AGE	TENANCY MAIN-RESIDENCE	EARNINGS	PROPERTY	NATURALIZATION	TRANSFER OF PROPERTY	OTHER REASONS	RECOGNIZED AND GRANTED	PENSION	PART PENSION	MALE	FEMALE	BACHELOR	WIDOWER	SPINSTER	WIDOW	COUPLE	70 TO 75	76 TO 80	81 TO 85	86 AND OVER	CANADIAN BORN	BRITISH BORN	FOREIGN BORN	
																													Full
Brant	76	4	1	1	1	1	1	1	1	1	1	1	35	41	47	29	5	28	15	38	56	12	4	4	57	18	1		
Burke	100	20	1	1	1	1	1	1	1	1	1	1	17	83	52	48	9	15	29	15	38	13	9	3	63	16	5		
Carleton	76	22	1	1	1	1	1	1	1	1	1	1	3	67	42	34	5	15	3	29	38	13	9	3	79	16	1		
Elgin	40	9	1	1	1	1	1	1	1	1	1	1	7	10	30	18	2	7	1	16	24	11	2	3	63	12	1		
Essex	86	24	5	1	1	1	1	1	1	1	1	1	7	31	55	44	2	10	5	20	49	70	11	2	72	12	2		
Frontenac	192	42	6	1	1	1	1	1	1	1	1	1	15	109	99	93	10	28	13	47	131	41	9	11	161	19	1		
Grey	63	21	1	1	1	1	1	1	1	1	1	1	8	20	44	38	26	3	6	11	41	46	12	6	61	1	2		
Haldimand	110	34	11	1	1	1	1	1	1	1	1	1	5	6	35	62	48	12	17	23	46	29	4	5	94	12	4		
Hastings	51	8	1	1	1	1	1	1	1	1	1	1	5	13	58	28	5	7	4	20	15	43	4	4	43	7	1		
Huron	130	10	1	1	1	1	1	1	1	1	1	1	2	2	52	31	44	7	10	23	30	59	11	5	46	26	3		
King	136	61	1	1	1	1	1	1	1	1	1	1	16	29	101	72	58	8	12	34	73	93	27	3	117	10	3		
Leeds	122	21	1	1	1	1	1	1	1	1	1	1	9	52	84	79	57	18	17	28	61	113	16	4	121	19	6		
Leeds and Grenville	136	21	1	1	1	1	1	1	1	1	1	1	12	54	68	74	48	11	23	26	62	83	29	7	3	99	17	6	
Lambton	101	17	1	1	1	1	1	1	1	1	1	1	4	6	79	55	46	8	12	24	55	69	23	5	4	84	13	4	
Lanark	72	36	4	1	1	1	1	1	1	1	1	1	9	4	68	40	32	10	9	21	29	50	7	11	4	65	15	2	
Leeds and Addington	121	36	1	1	1	1	1	1	1	1	1	1	5	2	54	67	7	9	11	33	48	86	24	5	6	110	8	3	
Lincoln	50	26	1	1	1	1	1	1	1	1	1	1	4	1	80	54	65	4	5	2	15	24	42	4	2	49	1	1	
Middlesex	98	23	5	1	1	1	1	1	1	1	1	1	6	2	46	52	43	5	13	29	45	70	20	5	72	21	5		
Norfolk	136	15	2	1	1	1	1	1	1	1	1	1	2	54	82	81	55	13	10	27	63	97	23	14	2	102	28	6	
Northumberland and Durham	163	31	5	1	1	1	1	1	1	1	1	1	5	40	62	62	39	4	7	4	50	71	85	15	3	81	19	2	
Ontario	113	15	9	1	1	1	1	1	1	1	1	1	1	16	147	89	74	8	9	40	78	108	23	16	6	132	29	2	
Oxford	68	12	1	1	1	1	1	1	1	1	1	1	4	2	36	49	31	9	1	20	40	46	16	5	1	55	12	1	
Peel	60	13	1	1	1	1	1	1	1	1	1	1	6	27	62	53	27	7	13	5	15	50	73	9	1	49	4	1	
Peterborough	60	13	1	1	1	1	1	1	1	1	1	1	3	5	30	20	3	5	1	20	40	46	16	5	1	55	12	1	
Prescott and Russell	137	32	9	1	1	1	1	1	1	1	1	1	8	3	52	30	21	3	5	11	23	50	8	1	1	51	6	3	
Prince Edward	44	12	3	1	1	1	1	1	1	1	1	1	12	24	113	65	72	6	21	6	33	41	46	3	1	51	5	2	
Simcoe	126	68	3	1	1	1	1	1	1	1	1	1	24	10	116	55	71	2	3	11	24	51	27	1	1	36	4	1	
Stornont, Dundas & Glengarry	272	41	9	1	1	1	1	1	1	1	1	1	21	61	208	115	127	12	20	34	36	158	188	46	17	1	222	44	6
Welland	163	49	3	1	1	1	1	1	1	1	1	1	18	13	150	85	78	10	22	10	50	91	114	32	14	3	152	8	3
Wentworth	54	11	3	1	1	1	1	1	1	1	1	1	4	9	45	35	19	7	11	6	5	48	3	3	1	43	10	1	
Wentworth	91	23	14	1	1	1	1	1	1	1	1	1	5	52	39	51	40	9	13	6	15	48	70	18	2	1	69	11	1
Wentworth	134	23	3	1	1	1	1	1	1	1	1	1	4	5	78	56	9	19	4	26	76	101	20	10	3	91	27	10	
Wentworth	83	20	2	1	1	1	1	1	1	1	1	1	7	13	70	41	42	5	15	6	18	39	59	15	8	1	70	12	1
Wentworth	71	61	1	1	1	1	1	1	1	1	1	1	6	32	39	41	30	5	6	16	34	53	10	6	3	55	10	6	
York	449	49	11	1	1	1	1	1	1	1	1	1	25	139	210	220	229	19	63	15	124	364	55	17	13	224	213	12	
Totals, Counties	4,117,907	138	2,955	160	66	25	37	7	99	118	2,893	2,197	1,920	272,594	927	960	2,061	13,038	935	245	139	3,245	718	154	1	718	154		





MOTHERS' ALLOWANCES—ENDING FISCAL YEAR OCT. 31st, 1934

Municipalities	Amount Disbursed	Less (Chargeable 100%)	Less Reserving Charge	Adjustments			Less Returns 100%	100% Net Amount	Chargeable to Municipalities	Amount Outstanding 31st Oct., 1933	Amount Due by Municipalities	Amount Received from Municipalities	Balance Outstanding 31st Oct., 1934
				% of 100%	% of 100%	% of 100%							
Albion	12,655.00	65.00		70.00				12,660.00	6,330.00	5,125.00	6,812.50	6,216.00	637.50
Alton	20,928.50	25.00						20,933.50	10,340.75	832.50	11,178.25	15,291.25	900.00
Amherst	50,650.00	55.00		240.00				50,615.00	15,307.50	1,285.00	16,592.50	15,292.50	1,292.50
Amherst	3,775.00	90.00						3,815.00	4,155.00	297.50	4,182.00	1,182.50	2,992.50
Bellevue	13,663.00	90.00		60.00				13,635.00	7,811.50	595.00	8,322.50	1,680.00	6,642.50
Bellefleur	11,329.00	75.00						11,455.00	22,221.50	25,437.50	47,652.00	1,600.00	37,052.00
Brookville	11,249.00	145.00	45.00					11,119.00	14,921.50	287.50	15,112.50	13,585.00	1,527.50
Grey	29,983.00	240.00		135.00				29,919.00	14,921.50	4,197.50	16,132.50	14,863.00	1,269.50
Haldimand	11,570.00	65.00						11,505.00	5,322.50	47.00	6,222.50	5,743.00	442.50
Haldimand	6,610.00							6,610.00	3,290.00	3,570.00	7,190.00	8,230.00	702.50
Hutton	16,905.00	35.00						16,850.00	8,125.00	682.50	9,687.50	13,833.50	1,577.50
Huronsburg	33,822.00	235.00		60.00				33,630.00	16,815.00	1,332.50	18,167.50	17,422.50	1,665.00
Huron	23,715.00	40.00						23,675.00	11,837.50	945.00	12,782.50	11,472.50	1,310.00
Kenilworth	29,180.00	255.00						28,925.00	14,447.50	1,260.00	15,647.50	14,315.00	1,332.50
Kent	17,030.00	35.00						16,995.00	8,197.50	332.50	9,099.00	8,245.00	815.00
Lambton	29,710.00	115.00	165.00					29,530.00	10,125.00	740.00	10,865.00	10,065.00	810.00
Lambton	24,575.00	80.00						24,535.00	12,317.50	890.00	13,397.50	12,262.50	1,075.00
Leeds and Grenville	12,585.00	25.00						12,560.00	6,197.50	477.50	6,675.00	6,242.50	432.50
Leeds and Addington	15,363.00	90.00	43.00					15,250.00	7,610.00	617.50	8,287.50	7,690.00	597.50
Leeds	31,382.70	190.00						30,612.70	15,306.35	1,210.00	16,516.35	15,436.35	1,080.00
Middlesex	16,890.00	125.00		50.00				16,725.00	8,362.50	740.00	9,102.50	8,230.00	722.50
Norfolk	315.01	230.00		70.00				34,260.00	17,130.00	1,287.50	18,417.50	10,910.00	7,507.50
Northumberland and Durham	20,355.00	185.00						20,170.00	10,085.00	825.00	10,910.00	10,010.00	900.00
Ontario	15,215.00	40.00		15.00				15,190.00	7,565.00	580.00	8,145.00	7,415.00	870.00
Oxford	13,200.00	55.00						13,170.00	6,585.00	362.50	7,100.00	6,565.00	535.00
Peel	9,520.00	20.00		180.00				9,690.00	4,845.00	342.50	5,297.50	4,847.50	360.00
Peel	9,520.00	20.00						9,520.00	4,845.00	342.50	5,297.50	4,847.50	360.00
Peterborough	19,135.00	60.00						19,175.00	9,687.50	770.00	10,457.50	9,607.50	850.00
Peterborough and Russell	61,155.00	220.00						63,825.00	31,917.50	2,157.00	34,074.50	18,170.00	16,377.50
Prince Edward	11,520.00	55.00						11,400.00	5,700.00	160.00	6,160.00	5,735.00	425.00
Prince Edward	57,325.00	350.00						57,035.00	28,517.50	22,982.65	51,500.15	49,190.15	2,310.00
Simcoe	82,587.00	315.00		4,855.00				87,035.00	43,517.50	3,165.50	46,683.00	40,747.50	5,935.50
Simcoe	801.90	155.00						79,975.00	39,987.50	2,960.00	42,947.50	39,452.50	3,495.00
Stormont, Dundas, Glengarry	22,590.00	160.00						22,290.00	11,100.00	820.00	11,920.00	10,982.50	937.50
Victoria	25,590.00	210.00						25,200.00	12,645.00	922.50	13,567.50	12,632.50	1,035.00
Welland	40,285.00	180.00						40,250.00	20,117.50	1,707.50	21,825.00	20,095.00	1,730.00
Wellington	18,540.00	35.00		60.00				18,470.00	9,235.00	725.00	9,960.00	8,546.50	1,413.50
Wellington	17,445.00	55.00		60.00				17,355.00	8,567.50	725.00	9,292.50	8,546.50	746.00
Windsor	161,705.00	550.00		86.00				163,502.00	81,751.00	5,672.50	87,423.50	65,994.00	21,429.50
York	1,131,977.20	5,020.00	962.00	5,431.00	873.00			1,129,623.20	564,826.00	91,230.15	656,056.15	534,763.25	121,292.90
Brookville	7,785.00							7,785.00	3,897.50	357.50	4,250.00	3,890.00	360.00
Ganarone	3,985.00		30.00					3,955.00	1,972.50	177.50	2,155.00	2,037.50	117.50
Ingersoll	3,155.00							3,155.00	1,727.50	77.50	1,805.00	1,637.50	167.50
Police Island	1,115.00							1,145.00	572.50	90.00	662.50	615.00	47.50





## MOTHERS' ALLOWANCES—ENDING FISCAL YEAR OCT. 31st, 1934—Continued

Municipalities	Amount Disbursed	Less (Carried Forward) 1933	Less (Charge) 1934	Adjustments		Less (Returns) 100%	100% Net Amount	30% Charitable Municipalities	Amount Outstanding 31st Oct., 1933	Amount Due by Municipalities	Amount Received from Municipalities	Balance Outstanding 31st Oct., 1934
				Dr. 100%	Cr. 100%							
Counties, 100% .....	1,131,977.20	6,030.00	962.00	5,331.00	873.00	1,100.00	1,129,653.20	564,826.60	91,290.15	656,056.75	534,763.25	121,293.50
Towns .....	37,605.00	155.00	56.00	.....	.....	.....	36,820.00	18,410.00	1,512.50	19,923.50	18,517.50	1,275.00
Indian Reserves .....	3,120.00	20.00	.....	100.00	.....	.....	5,170.00	2,755.00	245.00	2,980.00	2,765.00	215.00
Cities .....	1,611,855.00	7,836.00	3,315.00	1,118.00	2,153.00	7,763.12	1,599,681.88	799,925.94	56,700.32	856,626.26	810,261.26	46,375.00
Districts, 50% .....	789,237.20	13,081.00	1,337.00	7,119.00	3,008.00	1,165.12	2,771,795.08	1,385,897.54	119,687.97	1,555,285.51	1,366,330.01	169,255.50
Provinces .....	255,609.00	7,890.50	.....	232.50	2,137.50	.....	.....	.....	.....	.....	.....	.....
				222.50	188.00	2,177.37	.....	1,610,257.53	.....	.....	.....	.....
	3,011,816.20	20,971.50	4,337.00	7,801.00	5,633.50	6,312.69	.....	3,926,155.07	.....	.....	.....	.....

MOTHERS' ALLOWANCES COMMISSION  
DISBURSED 1933-1934

Gross amount disbursed		\$ 3,044,846.20
Less cancelled cheques	\$ 14,431.00	
Less refunds	4,260.13	
Net amount disbursed		\$ 3,026,155.07

Portion chargeable to Municipalities		\$ 1,394,618.60
Less cancelled cheques	\$ 6,540.50	
Less refunds	2,082.56	
		\$ 8,623.06
		\$ 1,385,995.54
Less those lacking residence		2,168.50
		\$ 1,383,827.04
Additional residence adjustments		2,070.50
		\$ 1,385,897.54

Portion chargeable to Province		\$ 1,652,396.10
Less cancelled cheques	\$ 7,890.50	
Less refunds	2,177.57	
		\$ 10,068.07
		\$ 1,642,328.03
Less residence adjustments		2,070.50
		\$ 1,640,257.53
		\$ 3,026,155.07

Balance due by Municipalities October 31st, 1934	\$ 149,687.97
Amount due for year 1933-1934	1,385,897.54
	\$ 1,535,585.51
Amount received during 1933-1934	1,366,330.01
Balance outstanding October 31st, 1934	\$ 169,255.50

	Cancelled Cheques	Cash Refunds	Adjustments	
			Dr.	Cr.
Municipalities	\$ 6,540.50	\$2,082.56	\$3,574.50	\$1,504.00
Districts			332.50	2,437.50
Province	7,890.50	2,177.57	222.50	188.00
	<u>\$14,431.00</u>	<u>\$4,260.13</u>	<u>\$4,129.50</u>	<u>\$4,129.50</u>



NATIONALITY BY BIRTH OF BENEFICIARIES

British:

Canadian .....	5,192
English .....	1,336
Scottish .....	424
Irish .....	194
Other British .....	92
	7,238

Others of Foreign Birth now Naturalized:

American .....	206
Russian .....	81
Italian .....	146
Polish .....	140
Finnish .....	43
Austrian .....	57
Swedish .....	14
German .....	16
Norwegian .....	14
Galician .....	7
Others .....	182
	906
	8,144

NATIONALITY BY PERCENTAGES

British:

Canadian .....	5,192	63.75%
Other British .....	2,046	25.12%
	906	88.87%
Foreign (now naturalized) .....		11.13%
	8,144	100%

CAUSES OF CANCELLATION

Only one child or no children under 16 years or not at school .....	538
Beneficiary re-married .....	86
Should be self supporting .....	46
Unsatisfactory home conditions .....	95
Husband or child over 16 years no longer totally and permanently incapacitated ..	65
Beneficiary no longer resident in Province of Ontario .....	20
Only one child or no children with the mother .....	41
Husband no longer in asylum .....	21
Beneficiary died .....	32
Now in possession of assets of a disqualifying amount .....	27
Now in receipt of allowance from other funds .....	5
Incapacitated husband or child over 16 died and only one child under 16 years.....	28
False information at time of application .....	9
Voluntary withdrawal .....	5
Incapacitated husband or child over 16 years no longer in care of beneficiary and only one child under 16 years .....	4
Residence of husband now known (desertion cases) .....	16
Address of beneficiary not known .....	10
Held for further information .....	19
Not approved by W.V.A. ....	4
Other reasons .....	9
	1,080



## General diseases

Cancer .....	465
Anaemia .....	41
Alcoholism .....	22
Arthritis .....	2
Goitre .....	10
General debility .....	1
Senility .....	6
Tumorous growths .....	53
Other causes .....	35
	<hr/>
	4,999

F. L. DUFF.

APPLICATIONS, RENEWALS, CANCELLATIONS, MOTHERS' ALLOWANCES, 1933-1934  
ONE YEAR ENDING OCTOBER 31st, 1934

Classifications	New Applications Received		New Applications Completed				Renewals Completed				Cancelled						Total Number Assisted During This Year	Total Number Assisted During Last Year	Total Cases Granted and Reinstated	Total Cases Ineligible and Refused	Total Per Cent Granted and Reinstated										
	New Applications Received	Renewals Received	Dealt with	Granted	Ineligible	Per Cent Granted	Dealt with	Granted	Reinstated	Refused	Per Cent Granted and Reinstated	Only 1 child	Remarried	Income	Unfitness	Man Recovered						Other Causes	Total Cases (Cancelled)	Increase	Decrease	Per Cent Increase	Per Cent Decrease	Total Cases Death With	Total Cases Granted and Reinstated	Total Cases Ineligible and Refused	Total Per Cent Granted and Reinstated
Widows .....	777	356	777	592	185	75.9	356	143	71	80	473	79	25	80	..	..	92	749	4,722	4,090	277	..	..	1,133	877	256	77.4				
Incapacitations .....	681	277	681	422	259	62.5	277	114	79	84	697	49	24	17	78	79	79	247	1,898	2,075	177	..	..	958	615	343	64.2				
mentals .....	62	40	62	46	16	74.2	40	11	18	11	72.5	12	2	3	35	2	2	34	251	266	15	..	..	102	75	27	73.5				
Desertions .....	196	88	196	63	133	32.1	88	31	22	35	60.2	51	3	6	18	1	23	102	577	587	10	..	..	284	116	168	40.8				
Foster-mothers where father is deserter .....	14	2	14	5	9	38.5	2	..	1	1	50	2	..	..	..	..	2	4	..	..	..	..	..	..	6	10	37.5				
Foster-mothers where both parents are dead .....	67	7	67	53	14	79.1	7	..	5	2	71.4	22	..	1	..	..	18	41	205	217	12	..	..	74	58	16	78.4				
Foster-mothers where father is incapacitated .....	18	3	18	11	7	61.1	3	2	1	..	100	1	..	1	2	3	7	7	..	..	..	..	..	21	14	7	66.6				
	1,815	773	1,815	1,192	623	65.7	773	300	269	204	73.6	610	82	57	120	116	219	1,204	7,653	8,144	491	..	..	2,588	1,761	827	68				



DECISIONS MADE BY MOTHERS' ALLOWANCES COMMISSION  
(1933-34)

Local Boards	Granted	Refused	Cancelled	Suspended	Reinstated or Continued Under 1934 Amendment	Others Reinstated	Reduced	Increased	No Change	Number of Cases Dead With
Algoma	15	5	7	1	1	1	8	2	2	42
Belleville	15	6	8	5	5	3	10	6	1	59
Brant County	6	4	7	1		1	2	4	4	29
Brantford	19	4	16	3	6	5	10	6	5	74
Brockville	7	3	2				4	1	2	19
Bruce	7	8	5			1	10	2	1	34
Carleton	10	12	11	1		2	16	5	4	61
Chatham	9	1	4			1	8	9	1	33
Dryden			2		1		1		1	5
Dufferin	5	5	3	3	1	1	4	2	3	27
Dundas	6	2	5				2	2	2	19
Durham	9	4	6	4		2	4	3	1	33
East Windsor	5	1	7	2		2	1	5	2	25
Elgin	9	3	8	1		5	6	2	2	36
Essex	33	16	12	2		7	13	6	11	100
Fort William	15	3	9	4	2	4	8	3	4	52
Frontenac	4	9	2	4		5	10	3	3	40
Galt	4	2	2	2	1			2	1	14
Gananoque			1				2		1	4
Glengarry	8	10	4		2	1	8	6	3	42
Grenville	4	1	3				4	1	1	14
Grey	14	10	19	1	2	3	17	6	3	75
Guelph	12	7	9	1			2	4	3	38
Haliburton	5		3				2	5	1	16
Haldimand	5	3	5	2		1	7	2	4	29
Halton	9	3	9			3	5	1		30
Hamilton	48	37	51	11	10	11	47	25	15	255
Huron	15	17	9	2	1	1	8	3	4	60
Hastings	20	12	15	4	1	4	15	11	6	88
Ingersoll	3	1					1	2		7
Kenora	5	1					4	3	1	14
Kent	15	5	9	4		2	11	6	2	54
Kingston	17	8	12	2	2		4	5	1	51
Kitchener	8	3	9	1	2	1	9	7	1	41
Lambton	15	8		2		1	6	8	2	42
Lanark	11	6	7	2		5	16	7	1	57
Leeds	11	11	8		2	1	4	5		42
Lennox and Addington	4	4	4			2	3	1	2	20
Lincoln	9	4	9	1	2		12	2	1	40
London	34	28	33	6	10	11	19	23	12	176
Manitowaning			2							2
Muncey Indian Reserve	1						1			2
Manitoulin	5	5					2	1	3	16
Middlesex	14	8	9	2	2	5	13	15	3	71
Muskoka	10	10	3				8	4	5	40
Niagara Falls	11		7				6	5	1	30
Norfolk	10	12	7	1		2	4	1	3	40

## DECISIONS MADE BY MOTHERS' ALLOWANCES COMMISSION

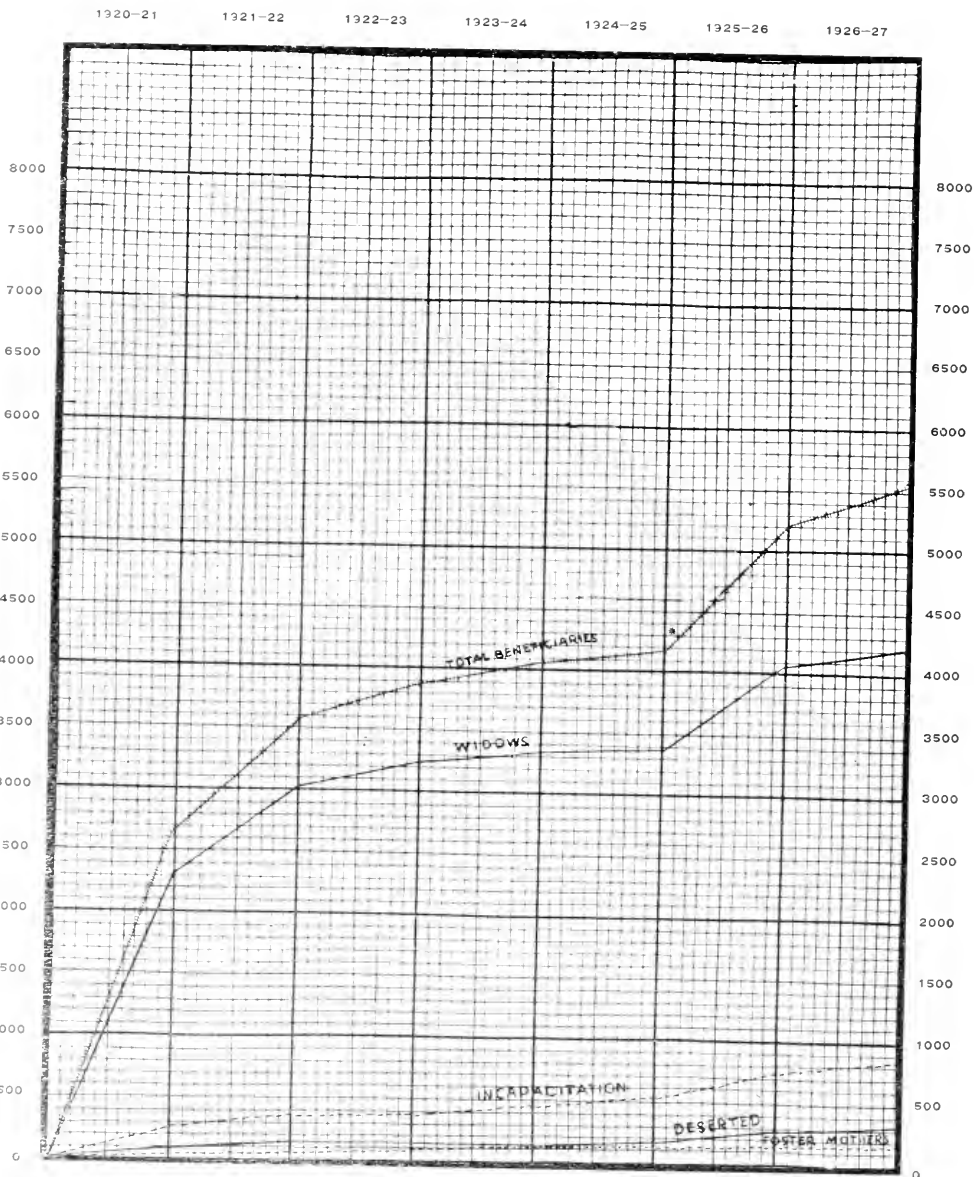
(1933-34)

Local Boards	Granted	Refused	Cancelled	Suspended	Reinstated or Continued Under 1931 Amendment	Others Reinstated	Reduced	Increased	No Change	Number of Cases Dealt With
North Bay	16	7	16	2	1	1	18	12	5	78
Northumberland	16	12	7	3	2	4	6	2	3	55
Ontario North	5		4	2		2	2	1	1	17
Ontario South	6	7	4		1	1	3	1	3	26
Oshawa	15	7	10	7	1	4	6	7	4	61
Ottawa	38	14	29	3	11	6	50	30	6	187
Owen Sound	4	3	9		4		6	4	3	33
Oxford	10	6	3	1			6	5	2	33
Parry Sound	11	8	12			3	6	9	6	55
Peel	7	5	10			3	5	3	3	36
Perth	5	1	3	1	1		5	1	3	20
Port Arthur	5	5	11	2	5	1	7	3	1	40
Peterboro County	9	12	10	2	3	1	7	2	2	48
Peterboro City	22	7	5		4	1	6	5	4	54
Pre-cott	13	10	11	2	1	1	13	9	5	65
Prince Edward	9	7	7	2		1	3	3	2	34
Rainy River	12	1	4				9	9	3	38
Renfrew	23	17	20	6	2	1	34	14	10	127
Russell	8	8	4			1	7	5	3	36
St. Catharines	12	9	12	1	5	3	11	4	4	61
St. Marys			2				2	2		6
St. Thomas	5	2	9	1		1	3	6	1	28
Sarnia	11	3	6		2		3	4	1	30
Sault Ste. Marie	11	2	10			1	6	2	2	34
Simcoe	40	19	30	2	4	6	31	18	5	155
Sioux Lookout	4		3				1			8
Smith Falls	1	1		1			2			5
Stormont	28	21	15	4	1	3	14	8	3	97
Stratford	5	1	2		2		7	4	2	23
Sturgeon Falls	8	9	7			1	6	5	2	38
Sudbury	30	11	14	4	1	3	26	9	5	103
Temiskaming	53	39	34	3	1	4	26	13	10	183
Thunder Bay	6	1	6	1	1	1	6	3		25
Toronto	269	167	228	36	29	44	150	141	65	1,129
Trenton	6	1	4					1	1	13
Victoria	9	7	16	1	2	4	6	5	2	52
Walkerville	4			1		2		1		8
Waterloo	15	5	9	2		2	9	4	2	48
Welland County	18	13	15	8	1	2	19	11	3	90
Welland City	2	2	7	1	1		3	5	1	22
Wellington	6	6		1	2		9	2	2	28
Wentworth	13	5	7				7	3	1	36
Windsor	19	4	15	2	2	5	16	14	2	79
Woodstock	3	3	2				2	1	2	13
York	78	35	48	10	6	13	65	320	11	586
	1,391	805	1,043	187	151	220	986	1,033	325	6,061



MOTHERS' ALLOWANCES

Graph 1 — Showing Relative Growth Over 7-Year Period—1920-1927

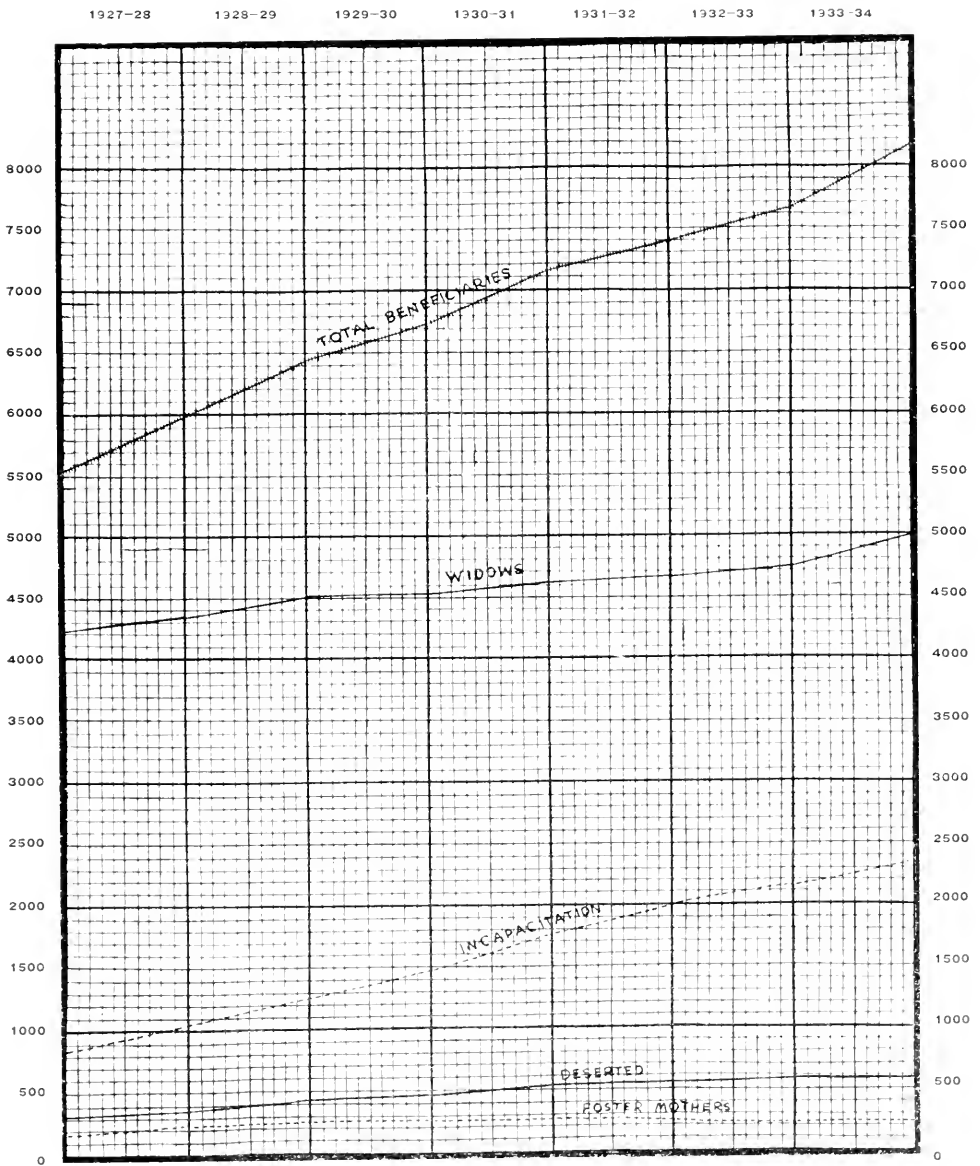


Stop above this year caused through including cases that were on the pay list part of the year only.

— Total ——— Widows      ——— Incapacitation      ——— Deserted      ... Foster Mothers

MOTHERS' ALLOWANCES

Graph 2 — Showing Relative Growth Over 7-Year Period—1927-1934



— Total — Widows — Incapacitation — Desertion — Foster Mothers

ANNUAL REPORT OF CHILDREN'S AID SOCIETY  
1933-1934

Children Made Wards:		
	Protestant	Roman Catholic
Permanent	622	164
Temporary .. .. .	306	130
Extensions .. .. .	137	105
Wards Released From Supervision:		
Protestant .. .. .		552
Roman Catholic .. .. .		86
Permanent Wards Under Supervision:		
Protestant .. .. .		5833
Roman Catholic .. .. .		1495
Wards Visited:		
Protestant .. .. .		3924
Roman Catholic .. .. .		1031
Nationality of Wards:		
	Protestant	Roman Catholic
Canadian born .. .. .	611	163
English .. .. .	6	.....
Scotch .. .. .	2	.....
American .. .. .	3	.....
Belgian .. .. .	..	1
Ages of Children Committed:		
	Protestant	Catholic
Under 3 years of age .. .. .	132	52
Between 3 and 7 years .. .. .	203	37
Between 7 and 11 years .. .. .	152	34
Between 11 and 14 years .. .. .	94	31
Between 14 and 16 years .. .. .	41	10
Causes of Commitment:		
	Protestant	Roman Catholic
Neglect .. .. .	271	61
Desertion of parents .. .. .	52	23
Illegitimate .. .. .	203	56
Incorrigibility .. .. .	5	4
Unemployment of father .. .. .	32	..
Parents separated .. .. .	22	12
Orphans .. .. .	37	8

## CHILDREN'S AID SHELTERS

TABLE 1

Name of County	Location of Shelter	Number made temporary wards during the year	Number made permanent wards during the year	Total number made wards during the year	Number released from guardianship during year	Number of deaths during the year	Number in shelter October 31st, 1931.
Algoma	Sault Ste. Marie	19	9	28	2	1	58
Brant	Brantford						
Bruce	Walkerton				8		13
Cochrane	Timmins		10	10	2		28
Dufferin	Orangeville	6		6	9	1	12
Essex	Essex	1	18	19			31
Fort William	Fort William	7	8	15	3		12
Frontenac	Kingston	3	14	17	20	1	
Grey	Owen Sound	17	3	20	12	1	13
Haldimand	Dunnville	14		14	3		
Haliburton	Haliburton		13	13	5		
Halton and Peel	Milton	10	5	15	16	1	29
Hamilton	Hamilton	82	35	117	57	1	14
Hastings	Belleville	33	22	55	41		55
Huron	Goderich		8	8	4		14
Kenora	Kenora	4		4	2		2
Kent	Chatham	6	25	31	11		31
Lambton	Sarnia		2	2	7		6
Lanark	Carleton Place	3	2	5	5		14
Leeds and Grenville	Brockville		31	31			43
Lennox and Addington		6	5	11	3	1	30
Lincoln	St. Catharines		2	2	8		17
London and Middlesex	London	32	15	47	24		51
Manitoulin					2		
Muskoka		6	3	9	5		
Norfolk	Simcoe	1	14	15	15		24
Nipissing	North Bay		6	6	10		23
Northumberland and Durham	Port Hope	5	11	16	8		8
Ontario	Oshawa	5	5	10	20		31
Carleton		4	28	32	10	2	
Oxford	Woodstock	8	19	27	11		28
East Parry Sound	Burk's Falls	4	1	5	6		14
West Parry Sound	Parry Sound	12	8	20	8		16
Perth	Stratford	10	4	14	11		12
Peterboro	Peterboro	1	8	9	11		12
Thunder Bay	Port Arthur	3	4	7	5		13
Prescott and Russell			1	1	4		
Prince Edward	Pictou	7	13	20	19		15
Rainy River			4	4			
Renfrew	Renfrew	10	5	15			17
Simcoe	Barrie	14	24	38	15	1	22
Stormont, Dundas and Glengarry			10	10	9		
Sudbury	Sudbury	20	2	22	21		51
Victoria	Lindsay		19	19	15		29
Waterloo	Hespeler	18	25	43	28	1	25
Wellington	Guelph	1	12	13	10	1	24
Wentworth	Dundas	4	4	8			25
Windsor	Windsor	13	13	26			41
York	Willowdale	11	14	25	15	2	28
St. Vincent de Paul	Toronto	86	49	135	21	1	2
Toronto C.A.S.	Toronto	41	122	163	105	2	19
Elgin	St. Thomas	12	18	30	20		24
Niagara Falls	Niagara Falls	4	4	8	5		10
Welland City	Welland, 10 mos.	3		3	1		7
Welland	Fenwick		12	12	10	1	42

## CHILDREN'S AID SOCIETIES—Continued

TABLE 2

Name of County	Location of Society	Total cost of Shelter dietaries		Other maintenance cost of Shelter		Total maintenance cost of Shelter		Average cost of each inmate per day in Shelter	Average cost of each inmate per day in boarding homes
		\$	c.	\$	c.	\$	c.		
Algoma	Sault Ste. Marie	2,409.70		7,512.12		9,921.82		64½	75
Brant	Brantford	3,014.25		4,514.85		7,529.10		72	70
Bruce	Walkerton	877.00		828.63		1,705.63		...	...
Cochrane	Timmins	1,836.60		4,097.80		5,934.43		60	75
Dufferin	Orangeville	961.07		2,784.72		3,745.79		81.6	56.8
Elgin	St. Thomas	1,232.54		4,016.86		5,249.40		71.9	67.2
Essex	Essex	2,185.95		5,965.79		8,151.74		82	61
Fort William	Fort William	973.89		2,599.39		3,573.20		77	40
Frontenac	Kingston							...	...
Grey	Owen Sound	807.42		2,405.39		3,212.81		92	83
Haldimand	Dunnville							...	50.4
Haliburton	Haliburton	950.95		203.99		1,154.94		72	34
Halton & Peel	Milton	1,587.11		6,695.83		8,212.94		83	...
Hamilton	Hamilton	836.24		3,135.98		3,972.22		83	83
Hastings	Belleville	2,717.31		11,707.71		14,427.05		69.6	47.9
Huron	Goderich	734.00		2,000.75		2,734.75		76	...
Kenora	Kenora							...	75
Kent	Chatham	2,023.88		6,983.80		9,757.60		92½	70
Lambton	Sarnia							...	55.3
Lanark	Perth	2,565.00		482.80		3,047.80		59.4	...
Leeds & Grenville	Brockville	1,590.92		3,392.00		5,982.92		69	38.9
Lennox & Addington	Napanee							...	66.92
Lincoln	St. Catharines	901.37		5,624.83		6,526.20		86	87
London & Middlesex	London	2,858.78		7,682.71		10,541.49		52	58
Manitoulin								...	50
Muskoka	Huntsville							...	60
Norfolk	Simcoe	1,871.11		2,027.68		3,898.78		39	71
Nipissing	North Bay	3,875.87		5,639.34		9,515.21		90	...
Northumberland & Durham	Port Hope	883.14		2,114.87		2,998.01		...	55
Ontario	Oshawa	1,914.77		6,587.67		8,502.44		73.3	75
Carleton	Ottawa							...	75
Oxford	Woodstock	1,490.79		2,839.44		4,330.23		44.6	33.4
Parry Sound East	Burk's Falls	838.19		1,682.50		2,520.19		46	20
Parry Sound West	Parry Sound	1,916.00		11.60		2,327.85		75	...
Perth	Stratford	831.82		1,548.43		2,380.25		17	...
Peterboro	Peterboro	929.92		4,611.19		5,541.11		1.26	...
Thunder Bay	Port Arthur	974.99		2,384.67		3,359.66		77	...
Prescott & Russell	L'Orignal							...	26
Prince Edward	Pictou	935.82		2,450.26		3,386.08		56.4	50
Rainy River	Fort Frances							...	...
Renfrew	Renfrew	1,148.41		1,460.71		2,609.12		42	33
Simcoe	Barrie	968.53		2,679.67		3,648.20		41.6	62.4
Sudbury	Sudbury	3,199.12		8,080.29		11,279.41		56.3	50
Victoria	Lindsay	1,097.08		4,599.96		5,697.04		43	42
Waterloo	Kitchener	1,652.62		7,344.48		8,997.10		63½	55
Wellington	Guelph	1,499.94		3,728.40		5,228.34		41.8	70
Wentworth	Bundas	1,514.57		5,581.54		7,096.11		72	75
Windsor	Windsor	2,700.00		5,750.00		8,450.00		...	...
York	Willowdale	2,637.64						...	...
St. Vincent de Paul	Toronto							...	80½
Toronto	Toronto	1,671.00		8,212.00		9,883.00		1.69	81
Niagara Falls	Niagara Falls	595.29		2,982.53		3,577.82		87.1	...
Welland City	Welland, 10 mos.	575.87		1,375.89		1,951.76		97	...
Welland	Fenwick	2,455.18		6,176.15		8,631.33		59.2	67.6



CHILDREN'S AID SOCIETIES—Continued

TABLE 3

Name of County	Location of Society	Income from Provincial Government, including grant to Superintendent		Income from municipalities	Income from investments or endowments (bequests)		Donations for new building or equipment	Total income from all sources	
		\$	c.		\$	c.		\$	c.
Algoma	Sault Ste. Marie	5,762.50		4,903.35		111.69		11,347.04	
Brant	Brantford	588.00		6,931.62		2,900.22		10,887.28	
Bruce	Walkerton	588.00		4,500.00		541.97		5,041.97	
Cochrane	Timmins	4,638.70		2,289.50			2,809.52	9,737.72	
Dufferin	Orangeville	1,866.90		6,749.45				8,615.35	
Essex	Essex	588.00		8,151.74				8,739.74	
Elgin	St. Thomas	588.00		6,568.85		597.60		7,581.66	
Fort William	Fort William	1,402.75		4,800.00				6,554.37	
Frontenac	Kingston	600.00		1,200.00		44.78		1,844.78	
Grey	Owen Sound	588.00		7,049.00		205.25	114.60	7,956.85	
Haldimand	Dunnville	588.00						8,102.31	
Haliburton	Haliburton	1,000.00		1,293.69				2,293.69	
Halton & Peel	Milton	588.00		5,400.00				8,282.94	
Hamilton	Hamilton	923.44		66,092.09		668.30		80,125.55	
Hastings	Belleville	588.00		15,600.17		959.13		16,940.05	
Huron	Goderich	588.00		334.75		60.00		3,922.75	
Kenora	Kenora	1,400.35		157.50			666.86	2,224.71	
Kent	Chatham	588.00		9,536.40			1,200.00	10,977.34	
Lambton	Sarnia	536.00		2,410.00		108.75		3,235.69	
Lanark	Perth							4,018.98	
Leeds & Grenville	Brockville	588.00		8,966.55		1,168.22	18,000.00	30,874.30	
Lennox & Addington	Napanee	588.00		8,054.27		523.97		9,166.24	
Lincoln	St. Catharines	600.00		9,011.07		78.69		9,689.76	
London & Middlesex	London	1,000.00		20,207.65		3,079.82		24,673.95	
Manitoulin		200.00		55.00				279.00	
Muskoka	Huntsville	975.00						3,235.02	
Norfolk	Simcoe			14,912.83		1,124.45		16,037.28	
Nipissing	North Bay	3,499.00		6,404.00			425.00	10,328.00	
Northumberland & Durham	Port Hope			4,425.00		2,303.36		6,728.36	
Ontario	Oshawa	585.00		13,655.47				15,848.49	
Carleton	Ottawa	950.00		4,700.00				57,091.78	
Oxford	Woodstock	588.00		6,803.57		1,032.81	338.36	8,762.74	
Parry Sound East	Burks Falls	2,683.00		177.59		10.00	55.07	3,567.79	
Parry Sound West	Parry Sound	2,379.50		920.60			15.00	3,315.10	
Perth	Stratford	588.00		3,850.00		870.55		5,418.77	
Peterboro	Peterboro	588.00		2,500.00		350.00	1,105.95	4,543.95	
Thunder Bay	Port Arthur	2,014.00		3,500.00				5,514.00	
Prescott & Russell	L'Orignal	588.00		200.00				788.00	
Prince Edward	Pictou	578.00		6,870.75		55.00		7,555.50	
Rainy River	Fort Frances	1,940.00		920.00				2,860.00	
Renfrew	Renfrew			5,598.60				5,662.60	
Simcoe	Barrie								
Stormont, Dundas & Glengarry	Cornwall	588.00		2,815.39				3,403.34	
Sudbury	Sudbury	10,373.47		5,381.08				15,754.55	
Victoria	Lindsay	600.00		7,551.75			25.00	8,176.75	
Waterloo	Kitchener			10,720.86				10,988.23	
Wellington	Guelph	588.00		5,000.00		479.60		8,433.60	
Wentworth	Dundas								
Windsor	Windsor	1,000.00		15,362.52				16,362.52	
York	Toronto	459.50		4,636.16		1,076.19		26,402.35	
St. Vincent de Paul	Toronto	1,554.17		63,302.14				73,425.24	
Toronto	Toronto	166.25		195,827.57		4,243.47		277,325.04	
Niagara Falls	Niagara Falls	392.04		3,580.00				3,330.00	
Welland City	Welland 10 mos.	326.70		2,031.70				2,357.70	
Welland	Fenwick	392.00					10,187.93	22,165.54	

ADOPTION STATISTICS  
NOVEMBER 1st, 1933, TO OCTOBER 31st, 1934

Years	Children's Aid wards	Soldiers' Aid Commission wards	Wards of other Organizations	Children of unmarried Parents	Abandoned children—Foundlings	Orphaned Children	Children born out of wedlock before U.P. Act of 1921	One parent living	Both parents living	Husband adopts wife's child	Parents divorced	Stepfather adopts	Children adopted a second time	Children over 21 years of age	Born out of wedlock not under Ontario U. P. Act	Total
Nov., 1933	10	1	1	43	1	2	1	6	10	4	.....	.....	.....	.....	1	80
Dec., 1933	11	.....	.....	27	.....	3	.....	4	4	9	.....	3	.....	.....	.....	61
Jan., 1934	18	.....	2	43	.....	.....	2	5	4	1	.....	1	1	1	1	79
Feb., 1934	11	.....	.....	27	.....	.....	1	4	7	5	.....	1	.....	2	2	60
Mar., 1934	2	.....	.....	11	.....	.....	1	2	1	1	.....	.....	.....	4	1	23
April, 1934	4	.....	1	15	.....	.....	.....	1	3	2	.....	.....	.....	2	2	30
May, 1934	3	.....	.....	11	.....	1	.....	1	2	.....	.....	.....	.....	1	1	20
June, 1934	15	.....	.....	28	.....	.....	1	5	5	3	.....	.....	.....	5	1	64
July, 1934	11	.....	.....	13	.....	.....	.....	2	1	.....	.....	1	.....	3	.....	32
Aug., 1934	4	.....	.....	11	.....	.....	.....	2	3	.....	1	1	.....	.....	.....	22
Sept., 1934	26	.....	1	72	1	1	.....	4	2	.....	1	1	.....	.....	.....	118
Oct., 1934	22	.....	.....	60	.....	.....	1	19	6	8	.....	.....	.....	3	2	119
Total	137	1	5	361	2	7	7	55	48	38	2	9	3	21	12	708

AGES OF CHILDREN LEGALLY ADOPTED  
NOVEMBER 1st, 1933, TO OCTOBER 31st, 1934

Born 1934	16
" 1933	75
" 1932	115
" 1931	109
" 1930	89
" 1929	50
" 1928	49
" 1927	37
" 1926	26
" 1925	26
" 1924	15
" 1923	7
" 1922	5
" 1921	8
" 1920	10
" 1919	8
" 1918	14
" 1917	8
" 1916	4
" 1915	8
" 1914	5
" 1913	6
" 1912	2
" 1911	4
" 1910	4
" 1909	1
" 1907	1
" 1904	1
" 1903	2
" 1901	1
" 1898	1
" 1896	1
Total	708

STATISTICAL REPORT  
THE CHILDREN OF UNMARRIED PARENTS' ACT

Comparative report showing number of cases dealt with from July, 1921, to October 31st, 1934.

	1921	
July 1st, 1921, to October 31st, 1921	1921	102 cases
October 31st, 1921, to October 31st, 1922	1921-1922	672 "
October 31st, 1922, to October 31st, 1923	1922-1923	1,162 "
October 31st, 1923, to October 31st, 1924	1923-1924	1,205 "
October 31st, 1924, to October 31st, 1925	1924-1925	1,347 "
October 31st, 1925, to October 31st, 1926	1925-1926	1,705 "
October 31st, 1926, to October 31st, 1927	1926-1927	1,724 "
October 31st, 1927, to October 31st, 1928	1927-1928	1,865 "
October 31st, 1928, to October 31st, 1929	1928-1929	1,886 "
October 31st, 1929, to October 31st, 1930	1929-1930	2,180 "
October 31st, 1930, to October 31st, 1931	1930-1931	2,250 "
October 31st, 1931, to October 31st, 1932	1931-1932	2,148 "
October 31st, 1932, to October 31st, 1933	1932-1933	2,248 "
October 31st, 1933, to October 31st, 1934	1933-1934	1,954 "
		22,448 cases

NEW CASES FOR THE YEAR

From October 31st, 1933, to October 31st, 1934 ..... 1,954 cases dealt with.  
(Including 747 from Toronto District.)

- Of these ..... 474 were pending.
- " " ..... 293 have been settled.
- " " ..... 1,187 have been closed.
- Of the cases settled ..... 166 were by agreements with the Provincial Officer.
- " " " " ..... 62 by court orders.
- " " " " ..... 6 by private agreements approved by the Judge.
- " " " " ..... 59 by private settlements without agreements.
- Of the cases closed ..... 717 no action was desired.
- " " " " ..... 32 were dismissed by the court for lack of sufficient corroborative evidence.
- " " " " ..... 302 were closed for lack of sufficient corroboration.
- " " " " ..... 86 there was no data.
- " " " " ..... 88 couples were married.
- " " " " ..... 105 man unknown.
- " " " " ..... 218 man's whereabouts unknown.
- " " " " ..... 37 man outside Province (address unknown).
- " " " " ..... 9 man dead.
- " " " " ..... 35 man worthless.
- " " " " ..... 26 criminal action taken.
- There were 4 appeals to the Appellate Division, by the father, one being allowed, one abandoned and two dismissed.
- " " 19 Varied agreements.
- " " 40 Varied orders.
- " " 126 Applications for orders on agreements, on which 67 affiliation orders were made.
- " " 155 Summons issued.

Total number previous years' cases closed..... 1,334

## ADDITIONAL SETTLEMENTS ON PREVIOUS YEARS' CASES:-

53	agreements with the Provincial Officer.
6	private agreements approved by the Judge.
3	private settlements—amount stated.
16	private settlements—amount not stated.
106	affiliation orders, 21 cases having been dismissed.

INDUSTRIAL SCHOOLS ADVISORY BOARD  
ANALYSIS OF INMATES OF INDUSTRIAL SCHOOLS AS OF  
OCTOBER 31st, 1934  
NUMBER OF CASES REVIEWED

SCHOOL	Designations	Committals Refused	Returned to Institutions	Paroles recommended to Minister	Paroles refused	Transferred to				Attendance Reports	Placement Reports	Wardships terminated	Total
						Ontario Hospital	G.T.S. Galt	B.P.S. Bowmanville	St. Joseph's Industrial School				
Alexandra	34	12	49	24	24	1	3			305	112	93	632
St. Mary's	20	3	38	24	24	1			3	270	62	26	447
St. John's	46	26	88	17	17			3	3	229	195	78	685
St. Joseph's	35	2	1	24	6	1				188	15	7	279
Victoria	76	26	116	34	34	3	3	3	13	393	191	78	933
Total	211	2	68	315	105	5	3	3	19	1,385	575	282	2,976

Number of meetings held	40
Average number of cases dealt with at each meeting	74

## ANALYSIS OF PAROLES—315 CHILDREN

	Male	Female	Total
To boarding home to attend school	11		11
To boarding home to learn domestic duties		2	2
To Children's Aid Society	5		5
To Boarding School	1		1
To lodging house on own responsibility	1		1
To employers on working agreements	78	42	120
To home to attend public school	41	7	48
To home to attend technical school	2		2
To home to assist parents	14	18	32
To home to accept position already waiting	17	2	19
To home to find work	46	6	52
To home for medical attention	2	1	3
To maternity home		2	2
To Salvation Army Hostel		2	2
To Sacred Heart Convent		5	5
To Working Boys' Home, Toronto	10		10
	228	87	315

AVERAGE LENGTH OF STAY IN INSTITUTIONS

Alexandra .....	3 years and 5 months
St. Mary's .....	3 years and 2 months
St. John's .....	2 years and 5 months
St. Joseph's .....	2 years and 3 months
Victoria .....	2 years and 10 months

SCHOOL ROLL AND COMPARISON

	Capacity	In Attendance Oct. 31, 1930	In Attendance Oct. 31, 1931	In Attendance Oct. 31, 1932	In Attendance Oct. 31, 1933	In Attendance Oct. 31, 1934
Alexandra .....	143	132	138	141	118	101
St. Mary's .....	90	69	80	79	78	68
St. John's .....	185	149	167	137	95	87
St. Joseph's .....	150	.....	.....	.....	47	60
Victoria .....	280	254	255	242	165	92
	848	604	640	599	503	408

AGES OF INMATES OF SCHOOLS AS OF OCTOBER 31, 1934

Age	Alexandra	St. Mary's	St. John's	St. Joseph's	Victoria	Total	Per Cent
9 .....	.....	.....	4	.....	2	6	1½
10 .....	.....	.....	3	.....	1	4	1
11 .....	.....	1	2	5	3	11	3
12 .....	2	.....	8	4	10	24	6
13 .....	1	2	10	9	14	36	9
14 .....	19	10	17	13	20	79	19
15 .....	19	13	20	12	10	74	18
16 .....	22	12	18	15	18	85	21
17 .....	22	21	3	1	13	60	15
18 .....	11	8	1	1	1	22	5
19 .....	4	1	1	.....	.....	6	1½
20 .....	1	.....	.....	.....	.....	1	.....
	101	68	87	60	92	408	100%

NUMBER OF COURT APPEARANCES PRIOR TO COMMITMENTS

	None	1	2	3	4	5	6	7	8	9	10	11	Total
Alexandra School .....	80	17	2	2	.....	.....	.....	.....	.....	.....	.....	.....	101
St. Mary's School.....	56	9	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
St. John's School.....	33	12	15	9	6	3	4	3	.....	.....	1	1	87
St. Joseph's School....	23	16	7	4	5	3	.....	2	.....	.....	.....	.....	60
Victoria .....	41	21	9	9	7	2	1	1	1	.....	.....	.....	92
Total .....	233	75	36	24	18	8	5	6	1	.....	1	1	408
Percentage .....	57	18	9	6	5	2	1	2	.....	.....	.....	.....	100%

## FACTORS CONTRIBUTING TO DELINQUENCY

	Alexan- dra	St. Mary's	St. John's	St. Joseph's	Victoria	Total	%
Adopted parents .....	4	.....	.....	.....	1	5	01
Child living in shelter when committed .....	3	2	.....	.....	1	6	01.5
Child living in a foster home when committed .....	2	1	.....	1	3	7	02
Desertion in the home .....	5	2	4	2	3	16	04
Either parent immoral .....	14	5	4	1	17	41	10
Either parent a mental de- fective .....	5	4	4	1	6	20	05
Either parent with court record .....	11	8	6	1	8	34	08
Father a widower .....	16	4	10	2	6	38	09
Fair home but no control .....	17	13	26	23	19	98	24
Mother a widow .....	.....	1	2	2	4	9	02
Parents dead (child with relatives) .....	1	1	.....	.....	2	4	01
Poor home and no control .....	15	15	21	23	14	88	22
Stepmother .....	3	1	1	.....	.....	5	01
Stepfather .....	2	2	2	.....	.....	6	01.5
Parents separated .....	3	9	7	4	8	31	08
Total .....	101	68	87	60	92	408	100%

## NUMBER OF RETURNS TO SCHOOLS

School	Continuous Residence	Returned Once	Returned Twice	Returned 3 Times	Returned 4 Times	Returned 5 Times	Returned 6 Times	Total
Alexandra .....	89	8	4	.....	.....	.....	.....	101
St. Mary's .....	66	2	.....	.....	.....	.....	.....	68
St. John's .....	73	10	1	2	1	.....	.....	87
St. Joseph's .....	54	5	1	.....	.....	.....	.....	60
Victoria .....	87	3	1	.....	.....	.....	1	92
Total .....	369	28	7	2	1	.....	1	408
Percentage .....	90	7	2	1	.....	.....	.....	100%

## NUMBER OF ESCAPES DURING ENTIRE RESIDENCE

School	Never Escaped	1 Escape	2 Escapes	3 Escapes	4 Escapes	5 Escapes	Total
Alexandra .....	76	19	4	2	.....	.....	101
St. Mary's .....	68	.....	.....	.....	.....	.....	68
St. John's .....	82	4	1	.....	.....	.....	87
St. Joseph's .....	55	4	1	.....	.....	.....	60
Victoria .....	55	16	10	7	3	1	92
Total .....	336	43	16	9	3	1	408
Percentage .....	82	11	4	2	1	.....	100%

ACTIVITIES OF INMATES

	Alexandra School	St. Mary's School	St. John's School	St. Joseph's School	Victoria School	Total	Per Cent.
Number of inmates spending full time in the classrooms	1	1	15	16	24	57	14
Number of inmates spending part time in the classrooms	96	56	70	38	49	309	76
Number of inmates spending full time in the vocational shops	4	11	2	6	19	42	10
Number of inmates spending part time in the vocational shops	96	56	70	38	49	309	76
Girls' Occupational Activities:							
Culinary	21	1					
Dining room work	12						
Gardening	5						
General domestic	27	62					
Laundry	27						
Sewing	7	4					
Nurse's assistant	1						
Boys' Occupational Activities:							
Barber shop			3		1	4	01
Basketry				1		1	
Blacksmithing				1		1	
Culinary			20	2	3	25	06
Carpentry				9	7	16	04
Farming				1	6	7	02
Gardening			5		4	9	02
Infirmity helper					1	1	
Laundry				2	2	4	01
Plant maintenance and painting			1	2	6	9	02
Printing			14			14	03
Rotary group			1		27	28	07
Shoemaking and repairing			11	7	6	24	06
Tailoring			17	19	5	41	10

MENTALITY OF INMATES AS OF OCTOBER 31st, 1934

	Alexandra	St. Mary's	St. John's	St. Joseph's	Victoria	Total	%
I. Q.							
Morons 45-60	4	4	4	5	9	26	6
High-grade morons 60-70	8	16	15	12	29	80	19
Border line 70-80	36	24	22	17	22	121	30
Dull normal 80-90	35	13	23	14	16	101	25
Normal 90-100	11	6	13	8	9	47	11
Normal 100-110	5	2	2	2	4	15	4
Superior 110 and over	1	2	2		2	7	2
Not yet examined	1	1	6	2	1	11	3
	101	68	87	60	92	408	100%

## COMMITMENTS AND ADMISSIONS

	Alexandra School	St. Mary's School	St. John's School	St. Joseph's School	Victoria School	Total	%
Courts .....	90	66	85	59	89	389	95
Minister of Public Welfare .....	5	.....	1	1	2	9	2
Provincial Superintendent, C. A. S. ....	6	2	1	..	1	10	3
	101	68	87	60	92	408	100%

## WHERE COMMITTED FROM

	Alexandra School	St. Mary's School	St. John's School	St. Joseph's School	Victoria School	Total	%
Border Cities .....	3	4	5	.....	2	14	3
Hamilton .....	11	5	14	.....	2	32	8
London .....	5	1	1	.....	4	11	3
Ottawa .....	3	3	.....	16	1	23	6
Toronto .....	12	8	17	..	11	48	12
Other points .....	67	47	50	44	70	278	68
Formerly inmates of B. T. S. ....	.....	.....	.....	.....	2	2	.....
Total .....	101	68	87	60	92	408	100%

## RACE OF INMATES

	Alexandra School	St. Mary's School	St. John's School	St. Joseph's School	Victoria School	Total	Per Cent.
Chinese .....	.....	.....	..	1	.....	1	00.5
Caucasian .....	93	66	86	59	84	388	95
Indian .....	5	1	1	.....	5	12	3
Hebrew .....	2	1	.....	.....	2	5	1
Negro .....	1	.....	.....	.....	1	2	00.5
Total .....	101	68	87	60	92	408	100%

## MISCELLANEOUS INFORMATION

	Alexandra School	St. Mary's School	St. John's School	St. Joseph's School	Victoria School	Total	Per Cent.
Child a ward of C. A. S. when committed .....	31	15	11	3	20	80	20
Illegitimate birth .....	4	3	3	2	10	22	05

## CAUSES OF DELINQUENCY

	Alexandra School	St. Mary's School	St. John's School	St. Joseph's School	Victoria School	Total	Per Cent.
Associations .....	24	11	27	18	16	96	24
Heredity .....	20	9	6	4	10	49	12
Home conditions .....	53	45	49	32	55	234	57
Mentality .....	4	3	5	6	11	29	07
	101	68	87	60	92	408	100%



INDUSTRIAL SCHOOLS

COMMITTALS—NOVEMBER 1st, 1933, TO OCTOBER 31st, 1934

Counties and Districts	City	Town	Township	Sex		Cause of Committal							Age							Total			
				Male	Female	Arson	Immorality	Theft	Incorrigibility	Truancy	Vagrancy	Fraud	Destruction	8	9	10	11	12	13		14	15	16
Algoma	2		3	4	1	2	2				1								1	4	5		
Brant	1			1				1												1	1		
Carleton	13	1	2	16				13	2	1				1	1	2	1	4	7	7	16		
Cochrane		8	3	11				7	2							3	1	2	3	2	11		
Elgin	2			2				2											1	1	2		
Essex	4	2	5	7	4	3	6	1	1								2	7	2		11		
Frontenac	3			3				3									1		2	2	3		
Grey	1		1	2				1	1								1		1		2		
Hastings	2	2	4	5	3	2	2	3	1				1			1	1	5			8		
Kenora		1		1		1													1		1		
Kent	5	1		6				6						1		1	2	1	1		6		
Lambton	2		1	3	1			2											2		3		
Lanark		1		1						1									1		1		
Leeds & Grenville	2	1		2	1			2	1								1	2			3		
Lennox & Addington		1	1	1	1			1	1										1		2		
Lincoln	2		1	2				1		2									2	1	3		
Manitoulin		2		2				2									1	1			2		
Middlesex	7		1	4	4	1	3	3	1					1				2	3		8		
Muskoka		1	1	1	1			2											1	1	2		
Nipissing	5	2		6	1			3	2	1	1			1			1	2	1	2	7		
Northumberland & Durham		4	2	3	3	1	2	3							1	1	2	1	1		6		
Ontario	1		1	2				2											2		2		
Parry Sound		1			1	1								1							1		
Peel & Halton		1		1						1				1							1		
Perth	1		1	2				1		1									1	1	2		
Peterborough	5		2	6	1			6		1						1	2		4		7		
Prescott & Russell		5	2	7				6	1							1			3	3	7		
Prince Edward	2			2				1	1										2		2		
Renfrew	2	2		4				4											2	1	4		
Simcoe	3	2		3	2	1			3	1									1	2	5		
Stormont, Dundas & Glengarry	2	3		4	1			2	3						1	1		3			5		
Sudbury	6	4		7	3			6	2	1					1	1	3	4	1		10		
Temiskaming		2	2	3	1			3		1					2		1	1			4		
Thunder Bay	3			1	2			1	1								1	1			3		
Victoria			1	1				1											1		1		
Waterloo	8		1	6	3			5	3		1						1	3	4	1	9		
Welland	3	2	4	7	2	1		7	1						1	1	1	1	5		9		
Wellington	4	1		3	2	1		3		1					1	1	1	1			5		
Wentworth	19			15	4	1	10	5	3					2	1	1	2	5	2	6	19		
York	26	1	4	24	7	2	19	3	5	1	1						3	5	11	10	2	31	
	125	50	55	178	52	2	17	137	42	19	9	2	2	2	6	4	14	25	35	61	74	9	230

TABLE 1  
SUMMARY OF ATTENDANCE IN THE INDUSTRIAL SCHOOLS  
FOR FISCAL YEAR ENDING OCTOBER 31st, 1934

Name of Industrial School	Number in residence November 1st, 1933	New Commitments	Number returned from parole during year	Number of Placements	Away without leave October 31st, 1934	Number of Deaths	Number in residence October 31st, 1934	Summary of Placements						Number placed out and returned during year		Number placed out during previous years and returned during year		Reason for Return from Parole							
								Transferred to Bowmanville School	Number returned home	Number placed in foster homes	Number placed out occupationally	Number placed in other institutions	Number remaining out for whole year	Number placed out and returned during year	Number placed out during previous years and returned during year	Not satisfactory	Violation of parole	Services no longer required	Pupils dissatisfied with position	Ill-health of pupil	To be replaced	Court Order			
Alexandra	118	34	15	62	4		101		13	6	24	19	58	4	11	2	8	2							
St. Mary's	78	18	4	32			68		21	1	9	1	31	1	3	1	3	1	2						
St. John's	95	54	28	82	8		67		41	9	28	4	67	15	13	5	9	1	4						
St. Joseph's	47	40		26	1		60		20	1	2	3	26												
Victoria	165	84	28	167	18		92	62	48	4	6	4	153	14	14	3	20		1	1					
Total	503	230	75	369	31		408	62	143	21	112	31	335	34	41	10	37	3	7	5	5				

INDUSTRIAL SCHOOLS  
TABLE 2  
INCOME FROM ALL SOURCES  
YEAR ENDING OCTOBER 31st, 1934

Name of School	Location	Income from Provincial Government		Income from Municipalities		Donations for Equipment		From other sources		Total Income from all sources	
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
Alexandra School .....	East Toronto .....	25,385.50		25,658.50		59.00				51,103.00	
St. Mary's School .....	Toronto .....	15,350.75		10,294.00						25,644.75	
St. John's School .....	Toronto .....	27,748.50		19,599.33				191.61		47,539.44	
St. Joseph's School .....	Alfred .....	12,086.50		8,992.00						21,078.50	
Victoria School .....	Mimico .....	40,322.00		30,286.25				1,845.81		72,454.06	
		120,893.25		94,830.08		59.00		2,037.42		217,819.75	

INDUSTRIAL SCHOOLS  
TABLE 3  
MAINTENANCE COST PER DAY  
YEAR ENDING OCTOBER 31st, 1934

Name of School	Location	Total cost of dietaries		Other maintenance cost		Education cost (teaching)		Total maintenance and educational cost		Average cost of each inmate per day	
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
Alexandra School .....	Toronto .....	11,747.50		37,807.50		1,468.00		51,023.00			.99
St. Mary's School .....	Toronto .....	8,784.80		15,858.10		1,111.50		25,754.40			.96
St. John's School .....	Toronto .....	7,983.91		26,651.00		8,750.90		43,385.81			1.16
St. Joseph's School .....	Alfred .....	2,625.59		2,094.77		463.60		5,183.96			2.24
Victoria School .....	Mimico .....	10,166.55		35,801.93		29,281.51		75,249.99			1.23
Total .....		41,308.35		118,213.30		41,075.51		200,597.16			1.32

STATISTICAL REPORT OF COUNTY HOUSES OF REFUGE — RECEIPTS AND DISBURSEMENTS

County	Location	Approximate value of buildings		Approximate value of contents		Approximate value of land		Number of acres	Receipts				Expenses		Average number of inmates	Average weekly cost per inmate	
		\$	C.	\$	C.	\$	C.		\$	C.	\$	C.	\$	C.			
Grant	Grantford	150,000.00	25,000.00	5,000.00	5,000.00	45	440.00	Profits of farm									
Brace	Walkerton	50,000.00	3,000.00	3,000.00	3,000.00	62	832.42										
Belin	St. Thomas	42,000.00	7,500.00	13,357.00	100	892.42	10.58	100.00	4,330.81	4,880.88	274.22	18,161.52	9,061.03	88	3.27		
Bessex	Leamington	25,000.00	7,000.00	15,000.00	90	1,465.96	1,027.15	1,340.00	2,351.61	5,261.91		5,060.19	5,060.19	47	3.29		
Grey	Manikato	67,500.00	4,000.00	4,000.00	94	698.49	383.50	2,896.13	3,900.00	3,900.00		5,728.17	5,728.17	39	2.50		
Haldimand	Hamville	35,000.00	11,500.00	7,000.00	100	1,252.65	402.46	2,190.00	3,458.60	3,458.60		8,950.67	8,950.67	63	2.13		
Hastings	Belleville	75,000.00	6,000.00	20,000.00	75	1,252.65	1,195.27	6,770.29	4,672.67	4,672.67		7,253.71	7,253.71	32	4.36		
Huron	Clinton	70,000.00	10,000.00	5,000.00	151	4,716.00	824.00	7,671.97	4,672.67	4,672.67		14,163.23	14,163.23	90	3.03		
Keew	Chatham	40,000.00	1,000.00	7,000.00	50	352.68	1,433.07	2,627.83	7,740.17	7,740.17		17,251.58	17,251.58	89	3.73		
Lambton	Sarnia	70,000.00	9,000.00	6,000.00	60	414.52	1,433.07	4,314.60	4,587.34	4,587.34		10,720.08	10,720.08	60	3.44		
Lanark	Perth	48,116.71	6,437.65	3,000.00	60	650.00	1,550.16	3,719.00	1,878.00	1,878.00		16,507.01	16,507.01	89	3.57		
Leeds and Grenville	Athens	65,000.00	2,000.00	3,000.00	100	403.00	1,000.00	1,860.00	1,860.00	1,860.00		6,575.00	6,575.00	33	3.83		
Leitch	St. Catharines	55,300.00	13,000.00	12,500.00	70	3,943.12	3,943.12	1,514.14	8,294.06	8,294.06		15,861.21	15,861.21	62	4.20		
Middlesex	Strathroy	71,315.00	8,223.00	3,000.00	105	2,924.97	154.14	3,418.08	3,418.08	3,418.08		19,176.17	19,176.17	65	5.67		
Norfolk	Simcoe	60,000.00	5,000.00	6,000.00	80	214.90	165.00	1,448.00	3,418.08	3,418.08		12,811.31	12,811.31	65	4.01		
Northumberland and Durham	Colong	25,000.00	3,000.00	5,000.00	62	264.45	500.50	3,900.00	7,495.87	7,495.87		11,896.37	11,896.37	59	3.86		
Ontario	Whitby	38,000.00	6,000.00	7,000.00	100	551.33	819.82	5,877.00	5,014.87	5,014.87		12,263.02	12,263.02	77	3.06		
Oxford	Woodsstock	73,000.00	20,000.00	10,000.00	100	370.92	714.85	2,900.88	4,000.00	4,000.00		13,138.93	13,138.93	84	3.01		
Perth	Brampton	50,000.00	3,000.00	3,000.00	53	194.58	1,537.64	1,665.18	6,179.92	6,179.92		9,800.92	9,800.92	62	3.04		
Peterborough	Stratford	25,000.00	2,500.00	5,000.00	96	449.16	321.59	3,027.52	3,027.52	3,027.52		6,328.81	6,328.81	20	6.08		
Prince Edward	Lakefield	19,000.00	13,200.00	3,500.00	45	1,079.58	335.00	4,883.00	12,979.72	12,979.72		17,696.53	17,696.53	65	5.24		
Simcoe	Pictou	45,000.00	7,500.00	2,500.00	45	1,979.58	335.00	4,883.00	12,979.72	12,979.72		7,185.51	7,185.51	52	2.66		
Stornont, Dundas and Glengarry	Breton	47,000.00	13,000.00	5,000.00	100	629.30	2,183.44	3,045.00	18,031.69	18,031.69		42,180.95	42,180.95	95	2.47		
Victoria	Lindsay	92,450.00	14,610.13	8,249.77	65	2,172.53	584.97	5,450.77	8,067.67	8,067.67		14,287.92	14,287.92	95	3.29		
Waterloo	Kitchener	130,000.00	16,000.00	22,000.00	110	8,600.00	2,592.29	3,916.25	3,826.21	3,826.21		22,353.26	22,353.26	70	3.89		
Welland	Welland	37,000.00	10,000.00	5,000.00	60	1,651.68	1,829.50	2,580.00	15,816.00	15,816.00		42,895.00	42,895.00	157	5.25		
Wellington	Fergus	80,000.00	65,000.00	3,000.00	58	1,415.00	2,950.68	6,790.00	1,450.00	1,450.00		7,456.19	7,456.19	75	1.91		
Wentworth	Dundas	41,000.00	10,000.00	14,000.00	188	2,020.02	1,000.00	8,000.00	13,823.56	13,823.56		15,352.71	15,352.71	67	4.41		
York	Newmarket	1245,000.00	10,000.00	10,000.00	130		1,000.00	8,000.00	8,000.00	8,000.00		17,823.56	17,823.56	55	5.54		
														100	3.27		



CITY REFUGES  
RESIDENTS

Name of Refuge	Location	Number of beds	Number of inmates on Sept. 30, 1933	Number admitted during year	Total number under lodgment during year	Total number discharged during year	Number of deaths during year	Number remaining in on Sept. 30, 1934.
Belleville Home for the Aged	Belleville	20	41	6	17	3	2	12
Widows' Home	Brantford	16	13	3	16	2	0	14
Home for the Friendless	Chatham	54	33	6	39	13	0	26
St. Paul's Home	Cornwall	100	58	35	93	19	11	63
House of Providence	Dundas	165	123	68	191	57	14	120
Elliott Home	Guelph	30	18	8	26	2	0	18
House of Providence	"	42	30	26	56	23	5	28
Aged Women's Home	Hamilton	51	50	5	55	1	3	51
Home for the Aged and Infirm	"	220	201	64	265	33	23	209
Home for the Friendless Women and Infants	Kingston	45	32	53	85	48	0	37
House of Providence	"	175	155	127	282	96	21	165
House of Refuge	"	55	33	15	48	20	3	25
House of Providence	London	200	151	78	229	59	12	158
McCormick Home for the Aged	"	100	86	19	105	21	9	75
District of Nipissing House of Refuge	North Bay	60	38	15	83	8	10	35
Bronson Memorial Home	Ottawa	32	27	13	40	9	3	28
May Court Club Convalescent Home	"	18	10	128	138	133	0	5
Monastery of Our Lady of Charity	"	250	133	85	218	84	1	133
Home for Friendless Women	"	45	22	80	102	78	0	24
Protestant Home for the Aged	"	44	29	12	41	12	0	29
St. Charles Hospice	"	400	279	117	396	48	48	300
St. Mary's Home	"	50	0	74	74	29	4	41
St. Patrick's Home (Refuge)	"	120	107	39	146	22	19	105
Anson House	Peterborough	45	32	27	59	20	1	38
St. Joseph's House of Providence	"	72	70	15	85	11	8	66
Perry Sound District House of Refuge	Powassan	34	34	7	39	2	5	32
Thomas Williams Home	St. Thomas	30	25	2	27	1	1	25
Our Lady of Charity Refuge	Sandwich	40	31	20	51	17	0	34
District of Algoma House of Refuge	Sault Ste. Marie	100	91	27	118	22	14	82

Aged Men's Home	Toronto	59	54	19	73	9	8	56
Aged Women's Home	"	120	116	29	145	13	15	117
Church Home for the Aged	"	42	37	16	53	8	5	40
Good Shepherd Industrial Refuge	"	190	159	81	240	78	1	161
The Haven	"	46	32	132	164	134	0	30
†Hillcrest Convalescent Home	"	35	25	157	182	155	1	26
House of Industry	"	175	134	92	226	58	10	158
House of Providence	"	457	378	356	734	321	29	384
Hunnewood House	"	20	31	74	105	74	1	30
Industrial Refuge	"	90	72	48	120	50	0	70
Jewish Old Folks Home	"	90	68	14	82	3	8	71
Julia Greenshields Home	"	30	29	3	32	2	0	30
‡Pentecostal Bethel Home	"	12	11	18	29	20	0	9
St. Mary's Convalescent and Rest Home	"	33	15	57	72	39	2	31
Salvation Army Aged Men's Home	"	40	23	12	35	10	5	26
Salvation Army Rescue Home	"	58	40	348	388	349	1	38
Victor Home	"	30	23	96	119	87	1	31
Home of the Friendless	Windsor	34	30	17	47	15	1	31
Total		4,174	3,197	2,743	5,940	2,318	311	3,311

‡St. Mary's Home, Ottawa, started May 10, 1934.

†Hillcrest Convalescent Home, Toronto, returns to May 31, 1934.

‡Pentecostal Bethel Home, Toronto, returns to May 15, 1934.

CITY REFUGES  
COST OF MAINTENANCE

Name of Refuge	Location	Total Collective Days stay of Inmates	Total Cost of Dietaries	Other Maintenance Cost	Total Maintenance Cost	Average cost of each inmate per day
Belleville Home for the Aged	Belleville	4,083	\$ 633.05	\$ 2,309.47	\$ 2,942.52	\$ .72
Widows' Home	Brantford	5,267	628.85	2,170.81	2,799.66	.53
Home for the Friendless	Chatham	10,572	2,230.42	5,235.85	7,466.27	.71
St. Paul's Home	Cornwall	22,857	4,059.29	9,481.67	13,540.96	.59
House of Providence	Dundas	44,798	12,070.62	29,238.18	41,308.80	.92
Elliott Home	Guelph	6,673	3,456.62	10,882.16	14,338.78	2.15
House of Providence	"	11,293	2,791.11	15,462.97	18,254.08	1.62
Aged Women's Home	Hamilton	18,503	3,142.24	10,576.16	13,718.40	.74
Home for the Aged and Infirm	"	74,672	13,720.98	38,374.87	52,095.85	.70
Home for Friendless Women and Infants	Kingston	14,586	1,481.06	3,882.88	5,363.94	.37
House of Providence	"	59,313	19,936.56	37,735.78	57,672.34	.97
House of Refuge	"	11,015	2,688.46	6,622.69	9,311.15	.80
House of Providence	London	57,196	12,642.17	32,888.46	45,530.63	.80
McCormick Home for the Aged	"	28,968	5,544.31	25,634.88	31,179.19	1.08
District of Nipissing House of Refuge	North Bay	13,106	2,255.87	10,579.14	12,835.01	.98
Bronson Memorial Home	Ottawa	10,322	2,128.12	6,013.55	8,141.67	.79
May Court Club Convalescent Home	"	3,200	..	5,678.75	5,678.75	1.80
Monastery of Our Lady of Charity	"	48,240	9,141.25	32,273.43	41,414.68	.86
Home for Friendless Women	"	10,452	1,941.85	30,042.26	31,984.11	3.06
Protestant Home for the Aged	"	10,184	1,531.40	5,513.97	7,045.37	.69
St. Charles Hospice	"	108,336	26,185.23	78,097.39	104,282.62	.96
St. Mary's Home	"	6,406	2,197.73	5,292.07	7,489.80	1.17
St. Patrick's Home	"	53,205	6,112.79	22,054.82	28,167.61	.53
Anson House	Peterborough	12,137	2,460.63	8,049.70	10,510.33	.87
St. Joseph's House of Providence	"	25,206	5,662.66	18,467.30	24,129.96	.96
Parry Sound District House of Refuge	Powassan	11,399	2,203.59	5,823.09	8,026.68	.70
Thomas Williams Home	St. Thomas	9,127	1,875.44	5,142.89	7,018.33	.77
Our Lady of Charity Refuge	Sandwich	12,710	1,844.40	17,400.27	19,244.67	1.51
District of Algoma House of Refuge	Sault Ste. Marie	32,393	4,262.87	13,615.74	17,878.61	.55



Aged Men's Home	Toronto	20,728	5,751.34	15,005.43	20,756.77	1.00
Aged Women's Home	"	42,543	10,688.34	24,361.69	35,050.03	.82
Church Home for the Aged	"	14,332	5,183.31	12,330.80	17,514.11	1.22
Good Shepherd Industrial Refuge	"	60,106	16,897.39	41,053.21	57,950.60	.96
The Haven	"	12,166	2,303.38	13,893.08	16,196.46	1.33
†Hillcrest Convalescent Home	"	6,557	1,986.39	6,154.45	8,140.84	1.24
House of Industry	"	52,400	172,410.42	66,015.44	238,425.86	%
House of Providence	"	142,127	30,736.60	85,828.48	116,565.08	.82
Hunewood House	"	8,964	1,755.22	5,915.57	7,670.79	.86
Industrial Refuge	"	26,270	6,462.27	28,118.07	34,580.34	1.32
Jewish Old Folks Home	"	25,230	6,852.22	18,600.67	25,452.89	1.01
Julia Greenshields Home	"	10,487	3,568.45	8,726.48	12,294.93	1.17
†Pentecostal Bethel Home	"	2,157	432.47	673.36	1,105.83	.51
St. Mary's Convalescent and Rest Home	"	8,321	2,601.46	4,924.15	7,525.61	.90
Salvation Army Aged Men's Home	"	7,801	1,705.91	4,086.24	5,792.15	.74
Salvation Army Rescue Home	"	14,660	2,452.93	10,255.35	12,708.28	.87
Victor Home	"	11,151	737.46	2,764.78	3,502.24	.31
Home of the Friendless	Windsor	11,113	2,366.01	2,156.85	4,522.86	.41
Total		1,213,932	\$429,711.14	\$845,405.30	\$275,116.44	.....

§St. Mary's Home, Ottawa, started May 10, 1934.

†Hillcrest Convalescent Home, Toronto, returns to May 31, 1934.

‡Pentecostal Bethel Home, Toronto, returns to May 15, 1934.

% Not available on account of expense for outdoor relief.

CITY REFUGES  
RECEIPTS

Name of Refuge	Location	Income from Provincial Government for Grant	Income from patients for miscellaneous sales, etc.	Income from Alms, gratuities for patients and treatment	Income from Investments, etc.	Income from donations, bequests, and other	Total Income from all sources
Belleville Home for the Aged	Belleville	\$ 295.90	\$ 640.00	\$ 1,402.97		\$ 57.35	\$ 2,396.22
Widows' Home	Brantford	342.20	1,878.33		2,459.49	3,467.22	8,147.24
Home for the Friendless	Chatham	921.00	1,927.05	88,200.00	82.04	1,291.72	92,421.81
St. Paul's Home	Cornwall	1,414.10	10,776.20		1,301.11	516.58	14,007.99
House of Providence	Dundas	3,133.30	16,350.86	1,262.50		12,173.02	32,919.68
Elliott Home	Guelph	665.33	8,605.35		1,021.84	310.00	10,602.52
House of Providence	"	682.80	10,122.61	2,282.64	18.90	767.02	13,873.97
Aged Women's Home	Hamilton	1,835.90	570.29	3,659.60	5,879.19		11,944.98
Home for the Aged and Infirm	"	5,250.20	14,929.65	31,916.00			52,095.85
Home for Friendless Women and Infants	Kingston	766.35	2,449.80	1,500.00	146.02	70.40	4,932.57
House of Providence	"	3,653.40	34,517.50	4,850.47	254.00	14,551.92	48,827.29
House of Refuge	"	767.90	1,947.51	5,494.77	4,712.26	15.00	12,937.44
House of Providence	London	4,062.70	17,369.38	4,158.97	59.77	13,022.80	38,673.62
McCormick Home for the Aged	"	1,890.50	10,883.19	8,315.64	2,698.11	55.60	23,843.04
District of Nipissing House of Refuge	North Bay	1,623.80	4,038.97	3,719.04	38.51		9,420.32
Bronson Memorial Home	Ottawa	298.20	5,267.53	197.60	1,770.42	781.50	8,315.25
May Court Club Convalescent Home	"	286.50	1,939.37	1,039.60	1,664.30	3,108.15	8,037.92
Monastery of Our Lady of Charity	"	4,494.90	23,847.58	1,209.83		987.39	30,539.70
Home for Friendless Women	"	839.25	26,214.41		833.80	265.00	28,152.46
Protestant Home for the Aged	"	675.30	3,092.12	368.00	114.05	2,114.50	6,363.97
St. Charles Hospice	"	8,434.80	30,707.54	23,253.70	136.06	31,479.92	94,012.02
St. Mary's Home	"		475.36			6,610.12	7,085.48
St. Patrick's Home	"	4,025.05	17,049.61	1,926.70	1,387.68	3,366.43	27,755.47
Anson House	Peterborough	664.70	5,659.62	1,103.50	1,811.53	1,094.22	10,333.57
St. Joseph's House of Providence	"	1,438.70	9,252.74	3,659.91	178.55	6,456.96	20,985.86
Parry Sound District House of Refuge	Powassan	723.10	2,977.25	2,599.63	410.98	45.86	6,756.82
Thomas Williams Home	St. Thomas	449.00	3,341.89			1,864.06	8,738.46
Our Lady of Charity Refuge	Sandwich	903.20	11,060.15			1,827.60	13,790.95
District of Algoma House of Refuge	Sault Ste. Marie	2,672.00	4,483.37	8,918.59			16,073.96

Aged Men's Home .....	Toronto	933,770	14,268,81	1,529,00	3,486,33	56,27	20,274,11
Aged Women's Home .....	"	1,652,10	29,911,51	2,600,50	552,15	65,27	34,781,53
Church Home for the Aged .....	"	897,80	11,946,78		2,217,70	2,421,00	17,483,28
Good Shepherd Industrial Refuge .....	"	5,885,80	30,089,20	2,775,50		10,200,10	48,950,60
The Haven .....	"	1,209,20	1,736,56	1,911,75	1,739,78	9,307,00	15,904,29
† Hillcrest Convalescent Home .....	"	382,30	4,951,75	1,740,50		35,00	7,109,55
House of Industry .....	"	3,950,20	7,310,91	224,206,32	2,155,99	802,44	238,425,86
House of Providence .....	"	9,901,65	46,324,02	16,117,60	133,46	22,262,99	94,739,72
Hunewood House .....	"	741,30	1,222,94		84,51	6,349,94	8,398,69
Industrial Refuge .....	"	2,712,40	18,845,43	14,007,00	379,68	28,95	35,973,46
Jewish Old Folks Home .....	"	2,237,40	5,569,23		3,199,84	10,887,45	21,893,92
Julia Greenfields Home .....	"	742,10	7,211,10		1,113,89	5,040,15	14,107,24
‡ Pentecostal Bethel Home .....	"	132,10	787,00			145,00	1,064,10
St. Mary's Home, Ottawa, started May 10, 1934. .....	"	521,70	6,483,99			312,42	7,318,11
Salvation Army Aged Men's Home .....	"	139,30	4,320,68			75,16	4,535,14
Salvation Army Rescue Home .....	"	1,251,65	5,265,82	1,950,00		467,97	8,935,44
Victor Home .....	"	770,65	335,56			2,379,34	3,485,55
Home of the Friendless .....	Windsor	932,30	1,222,75	2,414,44		9,30	4,578,79
Total .....		\$88,203,73	\$480,179,27	\$470,292,27	\$45,125,45	\$177,146,09	\$251,946,81

‡ St. Mary's Home, Ottawa, started May 10, 1934.

† Hillcrest Convalescent Home, Toronto, returns to May 31, 1934.

‡ Pentecostal Bethel Home, Toronto, returns to May 15, 1934.

ORPHANAGES  
RESIDENTS

Name of Orphanage	Location	Number of beds	Number of inmates on Sept. 30, 1933	Number admitted during year	Total number under lodgement during year	Total number discharged during year	Number of deaths during year	Number remaining in
St. Joseph's Orphanage	Cobourg	35	31	12	43	12	.....	31
Nazareth Orphanage	Cornwall	60	54	35	89	33	.....	56
St. Joseph's Orphanage	Fort William	140	83	52	135	42	.....	93
Boys' Home	Hamilton	60	33	5	38	12	.....	26
Girls' Home	"	60	44	6	50	18	.....	32
Home of the Friendless and Infants' Home	"	120	84	91	175	94	.....	81
St. Mary's Orphanage	"	116	116	39	155	58	.....	97
Salvation Army Rescue Home	"	31	28	89	117	93	.....	24
St. Joseph's Orphanage	Hearst	68	45	52	97	49	.....	48
Orphans' Home and Widows' Friend Society	Kingston	20	17	24	41	22	.....	19
St. Mary's of the Lake Orphanage	"	100	93	29	122	44	.....	78
Kitchener Orphanage	Kitchener	30	18	5	23	6	.....	17
Mount St. Joseph Orphanage	London	150	145	27	172	50	.....	122
Protestant Orphans' Home	"	55	45	23	68	24	.....	44
Ronald Gray Memorial Home	"	37	31	6	37	9	.....	28
Salvation Army Rescue Home	"	45	35	115	150	111	.....	36
Protestant Children's Village	Ottawa	50	40	56	96	69	.....	27
St. Joseph's Orphanage	"	270	260	92	352	158	.....	194
St. Patrick's Home	"	90	71	33	104	40	.....	64
Salvation Army Rescue Home	"	85	68	91	159	112	.....	45
St. Vincent's Orphanage	Peterborough	38	25	13	38	18	.....	20
Loyal True Blue and Orange Home	Richmond Hill	200	140	23	163	37	.....	126
St. Agatha Orphans' Home	St. Agatha	86	58	26	84	21	.....	63
Protestant Orphans' Home	St. Catharines	36	21	1	22	4	.....	18
D'Youville Orphanage	Sudbury	60	55	27	82	31	.....	51
Boys' Home	Toronto	55	31	18	49	15	.....	34
Carmelite Orphanage	"	58	37	19	56	7	.....	49
Catholic Welfare Bureau	"	.....	92	119	211	100	.....	110
Infants' Home and Infirmary	.....	.....	335	569	904	561	.....	342

Independent Order of Odd Fellows Orphanage.....	98	76	6	82	7	4	71
Jewish Children's Bureau .....	42	101	46	147	40	.....	107
Protestant Children's Home .....	.....	218	252	470	229	.....	241
Sacred Heart Orphanage .....	85	56	3	59	16	.....	43
Salvation Army Girls' Home .....	40	29	8	37	7	.....	30
St. Mary's Infants' Home .....	86	42	115	157	121	.....	34
Working Boys' Home .....	48	37	94	131	90	.....	41
Total .....	2,554	2,694	2,221	4,915	2,360	13	2,542

ORPHANAGES  
COST OF MAINTENANCE

Name of Orphanage	Location	Total Collective Days stay of Inmates	Total cost of Diets	Other Maintenance Cost	Total Maintenance Cost	Average cost of each Inmate per day
St. Joseph's Orphanage	Cobourg	11,960	\$ 1,747.48	\$ 5,898.69	\$ 7,646.17	\$ 0.64
Nazareth Orphanage	Cornwall	20,647	3,203.77	8,646.67	11,850.44	.57
St. Joseph's Orphanage	Fort William	33,270	6,576.83	24,745.50	31,322.33	.94
Boys' Home	Hamilton	11,077	1,800.28	6,882.53	8,682.81	.78
Girls' Home	"	12,158	2,690.56	6,251.47	8,942.03	.74
Home of the Friendless and Infants' Home	"	28,910	5,521.68	10,733.26	16,254.94	.56
St. Mary's Orphanage	"	37,337	9,957.45	24,972.70	34,930.15	.94
Salvation Army Rescue Home	"	9,929	1,880.30	7,199.55	9,079.85	.91
St. Joseph's Orphanage	Hearst	14,262	2,501.94	5,953.03	8,454.97	.59
Orphans' Home and Widows' Friend Society	Kingston	6,436	606.87	7,023.79	7,630.66	1.19
St. Mary's of the Lake Orphanage	"	31,440	6,287.79	24,550.58	30,838.37	.98
Kitchener Orphanage	Kitchener	6,367	710.06	4,042.33	4,752.39	.75
Mount St. Joseph Orphanage	London	48,257	6,994.00	38,071.60	45,065.60	.93
Protestant Orphans' Home	"	17,115	1,899.90	8,238.90	10,138.80	.59
Ronald Gray Memorial Home	"	11,193	2,217.22	5,194.03	7,411.25	.66
Salvation Army Rescue Home	"	15,241	2,346.12	13,638.47	15,984.59	1.05
Protestant Children's Village	Ottawa	13,398	2,574.35	11,974.87	14,549.22	1.09
St. Joseph's Orphanage	"	92,123	10,645.05	47,779.32	58,424.37	.63
St. Patrick's Home	"	20,594	1,944.37	7,080.04	9,024.41	.44
Salvation Army Rescue Home	Peterborough	10,373	1,425.81	4,340.44	5,766.25	.56
St. Vincent's Orphanage	Richmond Hill	51,697	5,368.83	28,476.14	33,844.97	.66
Loyal True Blue and Orange Home	"	21,531	697.75	8,697.03	9,394.78	.44
St. Agatha Orphans' Home	St. Agatha	7,207	1,504.43	5,539.84	7,044.27	.98
Protestant Orphans' Home	St. Catharines	18,660	2,468.64	2,943.75	5,412.39	.29
D'Youville Orphanage	Sudbury	12,187	2,929.80	10,194.96	13,124.76	1.08
Boys' Home	Toronto	15,384	2,424.03	16,916.27	19,340.30	1.26
Carmelite Orphanage	"	40,551	"	137,742.41	137,742.41	"
Catholic Welfare Bureau	"	128,078	"	121,016.76	121,016.76	"
Infants' Home and Infirmary	"	"	"	"	"	"

Independent Order of Odd Fellows Orphanage	..	29,459	11,150.86	40,990.74	52,141.60	1.77
Jewish Children's Bureau	..	37,400	3,898.85	32,678.47	36,577.32	.98
Protestant Children's Homes	..	86,351	71,437.74	71,437.74	71,437.74	.83
Sacred Heart Orphanage	..	18,665	3,537.78	7,579.91	11,117.69	.59
Salvation Army Girls' Home	..	10,264	1,998.92	8,244.63	10,243.55	1.00
St. Mary's Infants' Home	..	13,828	6,427.35	12,790.23	19,217.58	1.39
Working Boys' Home	..	12,518	3,717.75	7,189.36	10,907.11	.87
Total		\$955,867	\$119,656.82	\$785,656.01	\$905,312.83	

§Financial return included in St. Patrick's Refuge, Ottawa.

ORPHANAGES  
RECEIPTS

Name of Orphanage	Location	Income from Provincial Government for grant	Income from patients for maintenance sales, etc.	Income from municipalities for patients' treatment and maintenance and	Income from investments, etc.	Income from donations, bequests and other gratuitous income	Special grants, for new building, etc.	Total income from all sources
St. Joseph's Orphanage	Cobourg	\$ 890.80	\$ 36.00	\$ 1,176.00	..	\$ 4,588.29	..	\$ 6,691.09
Nazareth Orphanage	Cornwall	1,098.30	1,297.43	..	..	7,747.92	..	10,143.65
St. Joseph's Orphanage	Fort William	1,676.35	4,788.36	10,869.67	..	8,857.85	..	26,192.43
Boys' Home	Hamilton	605.35	668.25	2,443.05	\$ 2,320.24	2,353.00	..	8,389.89
Girls' Home	"	730.25	759.00	2,338.75	1,795.28	2,787.28	..	8,410.56
Home of the Friendless and Infants' Home	"	2,203.55	1,345.85	8,894.40	1,575.02	966.26	..	14,985.08
St. Mary's Orphanage	"	2,243.30	3,717.15	3,988.89	..	14,100.79	..	24,050.13
Salvation Army Rescue Home	"	833.65	4,890.52	369.14	..	491.00	..	6,584.31
St. Joseph's Orphanage	Hearst	783.75	1,406.25	360.00	..	250.00	..	2,800.00
Orphans' Home and Widows' Friend Society	Kingston	302.30	1,331.69	..	4,921.77	1,437.11	..	7,992.87
St. Mary's of the Lake Orphanage	"	1,680.40	3,441.66	4,025.26	115.00	9,807.39	..	19,069.71
Kitchener Orphanage	Kitchener	320.90	1,770.25	375.00	1,160.92	4,450.41	..	8,077.48
Mount St. Joseph Orphanage	London	2,770.00	1,371.53	4,741.00	..	26,306.59	..	35,189.12
Protestant Orphans' Home	"	908.40	1,507.96	1,200.00	5,874.11	731.50	..	10,221.97
Ronald Gray Memorial Home	"	535.50	4,021.25	..	1,341.25	335.00	..	6,233.00
Salvation Army Rescue Home	"	1,148.30	7,075.06	604.77	..	1,536.90	..	10,365.03
Protestant Children's Village	Ottawa	680.85	2,387.98	1,465.00	1,141.71	9,496.03	..	15,171.57
St. Joseph's Orphanage	"	4,961.05	2,572.40	15,114.99	..	23,058.45	..	45,706.89
St. Patrick's Home	"	..	..	..	..	..	..	..
Salvation Army Rescue Home	"	1,876.50	4,078.59	372.90	..	682.11	..	7,010.10
St. Vincent's Orphanage	Peterborough	496.35	777.00	200.00	..	4,226.65	..	5,700.00
Loyal True Blue and Orange Home	Richmond Hill	2,652.40	3,185.19	..	10,897.04	22,623.53	..	39,358.16
St. Agatha Orphans' Home	St. Agatha	1,088.75	1,344.50	800.00	..	6,466.57	..	9,699.82
Protestant Orphans' Home	St. Catharines	484.45	580.76	..	4,476.22	1,523.75	..	7,065.18
D'Youville Orphanage	Sudbury	961.95	945.33	2,190.86	..	4,731.80	..	6,639.08
Boys' Home	Toronto	660.25	1,940.50	..	3,298.56	2,872.50	..	10,962.67
Carmelite Orphanage	"	833.50	2,319.17	5,467.21	..	9,640.22	..	12,792.89
Catholic Welfare Bureau	"	2,048.95	3,155.46	..	..	120,010.21	16,593.50	147,275.33
Infants' Home and Infirmary	"	7,016.20	28,100.94	21,579.65	5,504.52	56,183.11	..	118,384.42





STATISTICAL REPORT, TRAINING SCHOOL, FOR BOYS,  
BOWMANVILLE—1934-1935  
SUMMARY OF AGES OF ADMISSIONS

County	Eight	Nine	Ten	Eleven	Twelve	Thirteen	Fourteen	Fifteen	Sixteen	Seventeen	Total
Algoma							1				1
Brant					1			1			2
Carleton					1	1	3	3			8
Cochrane								1			1
Durham and Northumberland				1			1				2
Dufferin		1									1
Elgin						1		1			2
Essex		1			1	1	2		2		7
Frontenac						1		1			2
Grey			1				1	1	1		4
Hastings					1						1
Kent							1		1		2
Lambton						1					1
Lennox and Addington									1		1
Leeds and Grenville							2	1			3
Lincoln							1				1
Lanark								1			1
Middlesex			1						3		4
Nipissing						1		1			2
Norfolk									1		1
Ontario							1				1
Perth								1		1	2
Peterborough							2				2
Port Arthur					1						1
Renfrew									1		1
Simcoe							1		1		2
Sudbury								2			2
Temiskaming						1					1
Waterloo								1	1		2
Welland						1	1	2	1		5
Wellington									1		1
Wentworth		2	1	2	2	9	4	3	3		26
York		1	2	2	5	16	17	5	4		52
	1	4	5	5	12	33	38	25	21		145

ANALYSIS OF ADMISSIONS — NOVEMBER 1st, 1933 - OCTOBER 31, 1934

County	City	Town	Township	Total	Theft	Truancy	Incorrigibility	Arson	Armed Robbery	Property Damage	Personality Difficulties	Vagrancy	Forgery	Total	Protestant	Catholic
Algoma .....	1			1			1							1	1	
Brant .....	2			2	1						1			2	2	
Carleton .....	8			8	3	1	1		1	2				8	8	
Cochrane .....		1		1					1					1	1	
Durham and Northumberland .....		2		2			2							2	2	
Dufferin .....		1		1							1			1	1	
Elgin .....	2			2		1	1							2	2	
Essex .....	6	1		7	1	3	2					1		7	7	
Frontenac .....	2			2	1						1			2	2	
Grey .....	2	1	1	4	2	1	1							4	4	
Hastings .....			1	1	1									1	1	
Kent .....	2			2	1		1							2	2	
Lambton .....	1			1	1									1	1	
Lennox and Addington .....		1		1	1									1	1	
Leeds and Grenville .....	2		1	3	3									3	3	
Lincoln .....	1			1							1			1	1	
Lanark .....		1		1			1							1	1	
Middlesex .....	3		1	4			4							4	4	
Nipissing .....	2			2	1		1							2	2	
Norfolk .....		1		1			1							1	1	
Ontario .....	1			1	1									1	1	
Perth .....	1	1		2	1		1							2	2	
Peterborough .....	2			2	1		1							2	2	
Port Arthur .....	1			1		1								1	1	
Renfrew .....			1	1	1									1	1	
Simcoe .....		2		2	1		1							2	2	
Sudbury .....		2		2	2									2	2	
Temiskaming .....		1		1			1							1	1	
Waterloo .....	2			2	1		1							2	2	
Welland .....	1	3	1	5	1	1	1	2						5	5	
Wellington .....	1			1	1									1	1	
Wentworth .....	26			26	14	3	6			2	1			26	22	4
York .....	48		4	52	27	6	11				2	5	1	52	51	1
Total .....	117	18	10	145	67	17	39	2	2	4	7	6	1	145	140	5

## BOYS' TRAINING SCHOOL, BOWMANVILLE

## PRODUCTION REPORT, 1934

## FEED AND FODDER:

Oats and Barley (Mixed Grain).....	2,000 bus. @	\$ .43 .....	\$ 860.00
Oats .....	600 bus. @	.35 .....	210.00
Barley .....	200 bus. @	.50 .....	100.00
Wheat .....	200 bus. @	.75 .....	150.00
Hay .....	125 tons @	12.00 .....	1,500.00
Straw .....	200 tons @	6.00 .....	1,200.00
Mangels .....	1,200 bus. @	4.00 ton.....	120.00
Turnips .....	200 bus. @	4.00 ton .....	20.00
Ensilage .....	100 tons @	5.00 .....	500.00
			<u>\$ 4,660.00</u>

## GARDEN AND ORCHARD:

Rhubarb .....	500 lbs.		\$ 5.00
Potatoes .....	1,200 bus. @	\$ .40 .....	480.00
Cabbage .....	4,000 lbs. @	.01 .....	40.00
Beets .....	1,000 lbs. @	.01 .....	10.00
Carrots .....	6,000 lbs. @	.01 .....	60.00
Parsnips .....	1,000 lbs. @	.01 .....	10.00
Tomatoes .....	2,000 lbs. @	.01 .....	20.00
Lettuce .....	325 lbs. @	.05 .....	16.25
Beans .....	125 lbs. @	.04 .....	5.00
Sweet Corn .....	1,100 lbs. @	.03 .....	33.00
Swiss Chard .....	470 lbs. @	.01 .....	4.70
Squash .....	260 lbs. @	.01 .....	2.60
Cauliflower .....	290 lbs. @	.02 .....	5.80
Onions .....	1,500 lbs. @	.02 .....	30.00
Apples .....	9,000 lbs. @	.02½ .....	225.00
Cucumbers .....	500 lbs. @	.02 .....	10.00
Radish .....	180 lbs. @	.02 .....	3.60
			<u>\$ 960.95</u>

## LIVESTOCK AND POULTRY:

Dairy—Milk and Cream .....		\$ 2,897.37
Cows and Calves .....	3 old Cows \$65; 10 Calves \$61.75 .....	126.75
Swine .....	46 Market Hogs .....	796.76
Sheep .....	17 Sheep and Lambs .....	100.00
	129 lbs. Wool .....	9.00
Poultry .....	3,342½ doz. Eggs @ \$ .25 .....	855.65
	940 lbs. Dressed Chickens @ \$ .25 .....	235.00
		<u>\$ 5,020.53</u>
Seed Cleaning .....		58.33

## Recapitulation:

Livestock and Poultry .....	\$ 5,020.53
Garden and Orchard .....	960.95
Feed and Fodder .....	4,660.00
Seed Cleaning .....	58.33
	<u>\$10,703.81</u>

The greater percentage of the farm products was used to supply the school needs—feed for livestock and products for school dining hall. A certain surplus of products is sold for which cash is received.

## CASH RECEIPTS

46 Hogs .....	\$ 796.76
11 Day old Calves .....	67.75
3 Cows for Beef .....	65.00
17 Sheep and Lambs .....	100.00
129 lbs. Wool .....	9.00
Cream (Surplus) .....	36.45
Hay .....	146.00
Poultry .....	33.63
Seed Cleaning .....	58.33
	<hr/>
	\$ 1,312.92

## NUMBER IN RESIDENCE, 1933-1934

Number of girls in residence, November 1, 1933 .....	25
Admitted during the year .....	32
Re-admitted during the year .....	....
Died .....	....
Discharged, including transfers .....	10
On working agreements .....	....
Away without leave, October 31, 1934 .....	....
Number of girls in residence, October 31, 1934 .....	47
	<hr/>
	57
Average daily attendance .....	38.26

## AGES ON ADMISSION — OCTOBER 31, 1933 - NOVEMBER 1, 1934

County	16	15	14	13	12	11	Total
Brant .....		1				1	2
Dufferin .....			1				1
Durham and Northumberland .....						1	1
Essex .....			1			1	2
Keewatin .....			1				1
Lennox and Addington .....					1		1
Middlesex .....				2			2
Ontario .....		1					1
Simcoe .....			1				1
Waterloo .....			1				1
Wellington .....		1			1		2
Wentworth .....			2	2			4
York .....	2	9	1		1		13
Total .....	2	12	8	4	3	3	32

## ANALYSIS OF ADMISSIONS — NOVEMBER 1, 1933 - OCTOBER 31, 1934

County	City		Township	Total	Incorrigibility	Maladjustment	Runaway	Theft	Discipline	Immorality	Home Situation	Total
	City	Town										
Brant .....	2			2					2			2
Dufferin .....		1		1						1		1
Durham and Northumberland .....		1		1						1		1
Essex .....		2		2						1	1	2
Keewatin .....		1		1							1	1
Lennox and Addington .....		1		1				1				1
Middlesex .....	2			2	1						1	2
Ontario .....	1			1							1	1
Simcoe .....		1		1					1			1
Waterloo .....	1			1				1				1
Wellington .....	1	1		2						1	1	2
Wentworth .....	4			4	1		1		1	1		4
York .....	13			13	1	2	1	4	2	1	3	13
Total .....	24	8		32	3	2	1	6	6	6	8	32







64	49	13	62	15	33	4	8	2	2	2	1	1	10	42
17	2	3	5	1	3	1	8	4	4	12	6	6	12	10
16	1	5	6	3	1	2	2	2	10	10	1	1	2	9
77	3	21	24	10	10	4	1	52	53	9	16	28	38	19
1	1	1	1	1	1	1	7	5	5	4	1	1	1	1
16	4	7	11	3	2	10	44	18	89	31	29	29	35	8
94	1	4	5	3	2	104	122	11	50	61	40	61	55	29
202	58	22	80	6	20	17	17	7	10	11	11	11	11	59
24	7	7	8	2	3	5	5	5	5	3	3	3	5	5
13	6	2	8	1	5	12	12	6	6	11	2	3	5	5
17	5	5	5	1	9	4	2	4	9	13	6	6	6	3
44	15	16	31	8	9	5	2	5	4	7	6	6	6	8
52	2	35	37	21	10	5	1	10	5	15	3	11	16	3
51	1	1	1	1	1	50	50	50	50	50	1	1	1	3
52	9	2	11	2	5	41	41	11	17	13	1	1	1	1
1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
48	2	2	2	1	1	11	35	46	28	17	1	3	34	20
36	1	1	1	1	1	36	36	36	36	36	3	36	36	15
130	49	17	66	37	14	2	25	105	130	2	128	3	127	106
66	49	17	66	37	14	2	15	72	87	31	55	20	9	40
87	18	18	18	18	18	18	18	18	18	18	1	1	1	5
64	2	2	2	1	1	64	64	64	64	9	55	2	53	15
9	37	5	42	15	17	1	1	6	7	7	7	5	20	7
57	37	5	42	15	17	1	3	1	6	15	1	9	44	33
2	110	37	110	59	22	12	1	16	2	2	2	20	44	2
37	11	11	22	8	6	2	2	2	6	31	37	18	156	156
4	11	11	22	8	6	2	4	2	3	1	4	1	4	33
40	6	6	6	5	1	2	4	2	16	18	2	9	20	4
54	6	6	6	5	1	48	48	46	46	46	1	52	2	45
19	4	2	6	6	6	13	13	13	13	13	1	1	2	3
5	2	2	2	2	2	1	1	1	2	3	1	1	1	14
76	3	6	9	3	4	76	76	1	75	1	75	1	1	44
25	2	2	2	2	4	16	16	6	6	6	2	7	18	3
6	10	10	10	4	1	4	4	4	4	2	2	5	1	3
20	10	10	10	4	1	10	10	2	2	6	7	7	13	6
7	8	8	8	8	8	7	7	7	7	7	7	7	7	2
8	24	21	45	13	13	3	5	11	8	8	6	2	15	2
55	3	1	4	1	1	10	10	3	7	10	18	15	18	6
8	2	2	2	1	1	4	4	1	3	5	3	5	3	3
8	21	22	43	19	18	6	6	4	4	6	6	6	6	2
69	21	22	43	19	18	17	9	26	3	3	23	26	24	2
26	3	2	5	3	2	13	8	21	10	11	11	13	13	13

Hamilton Rotary Club  
 Hawkesbury Rotary Club  
 Ingersoll Kiwanis Club  
 Junior Red Cross  
 Kingston Kiwanis Club  
 Kingstons Rotary Club  
 Kirkland Lake Kiwanis Club  
 Kitchener-Waterloo Rotary Club  
 Leamington Lions Club  
 Lindsay Rotary Club  
 London Kiwanis Club  
 London Rotary Club  
 Midland Kiwanis Club  
 Mimico-New Toronto Rotary Club  
 Napanee Rotary Club  
 Newmarket Lions Club  
 New Liskeard Kiwanis Club  
 New Toronto Lions Club  
 Niagara Falls Lions Club  
 Niagara Falls Rotary Club  
 North Bay Lions Club  
 North Bay Rotary Club  
 Oakville Rotary Club  
 Orillia Kiwanis Club  
 Oshawa Rotary Club  
 Ottawa Lions Club  
 Ottawa Rotary Club  
 Owen Sound Kinsmen Club  
 Owen Sound Kiwanis Club  
 Owen Sound Rotary Club  
 Pembroke Kiwanis Club  
 Penetanguishene Kiwanis Club  
 Perth 100 Club  
 Peterborough Kinsmen Club  
 Peterborough Rotary Club  
 Picton Kiwanis Club  
 Port Colborne Lions Club  
 Port Hope Lions Club  
 Port Hope Rotary Club  
 Preston Rotary Club  
 Ridgeway Rotary Club  
 Ridgeway Lions Club  
 St. Catharines Rotary Club  
 St. Marys Rotary Club

SERVICE FOR HANDICAPPED CHILDREN—ONTARIO  
YEAR 1934

Names of Organizations Reporting	Total of All Cases for 1934		ORTHOPEAEDIC CASES										NON-ORTHOPEAEDIC CASES				Disposition of All Cases		
	Total	Old	Cases Examined		Causes of Disabilities						Cases Examined		Causes of Disabilities		Admitted to hospitals	Treated as out-patients	Applicants applied		
			New	Total	Polio-myelitis (Paralysis)	Congenital (from birth)	Rickets	Tuberculosis	Accidents	Others and unclassified	Old	New	Total	Nose, throat and ears				Eyes	Others and unclassified
St. Thomas Kiwanis Club	17	1	16	2	12	1	1	1	1	1	1	1	1	1	1	2	2	1	
Sarnia Rotary Club	47	23	23	46	30	1	6	1	5	1	1	1	1	1	1	23	23	23	
Sault Ste. Marie Rotary Club	62	20	21	41	10	3	2	6	6	6	6	6	6	6	6	17	2	5	
Seaforth Lions Club	20	2	2	4	2	1	1	1	1	1	1	1	1	1	1	13	2	2	
Shrine - Mocha Temple	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Shrine - Ramesses Temple	75	26	45	71	19	48	4	4	4	4	4	4	4	4	4	14	11	36	
Simcoe Lions Club	28	11	3	14	2	4	2	2	1	1	1	1	1	1	1	1	1	1	
Simcoe Rotary Club	14	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	
Smith's Falls Rotary Club	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Strathroy Lions Club	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Sturgeon Falls Rotary Club	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Thimms Kiwanis Club	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Toronto (Danforth) Lions Club	49	127	171	298	126	68	43	27	16	18	18	18	18	18	18	1	2	356	
Toronto Rotary Club	298	127	171	298	126	68	43	27	16	18	18	18	18	18	18	1	2	356	
Trenton Rotary Club	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Weland Rotary Club	43	8	17	25	4	8	1	1	1	11	11	11	11	11	11	16	4	4	
Weston-Mt. Dennis Rotary Club	24	4	1	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	
Whitby Rotary Club	11	4	1	5	4	1	1	1	1	1	1	1	1	1	1	3	9	9	
Winchester 100 Club	19	95	30	125	26	60	19	4	9	7	7	7	7	7	7	50	66	66	
Windsor Rotary Club	42	13	22	35	5	20	1	8	1	8	1	8	1	8	1	32	10	15	
Woodstock Rotary Club	3,771	938	942	1,880	648	529	97	113	119	374	192	1,699	1,891	581	1,073	864	772	1,954	

**PREPARED**  
 BY THE  
**Ontario Society**  
 FOR  
**Crippled Children**

**This Report is Being Submitted to The Ontario Department of  
 Public Welfare for Inclusion in Their Annual Report**

SUMMARY, 1934

Total orthopaedic cases .....	1,880
Total non-orthopaedic cases .....	1,891
Total of all cases .....	— 3,771
Number of organizations reporting .....	91
Counties and districts represented .....	42
Children admitted to hospital .....	864
Children treated as out-patients .....	772
Appliances supplied .....	1,954

Causes of disabilities:

Eyes .....	1,073
Poliomyelitis .....	648
Nose, throat and ears .....	581
Congenital Deformities .....	529
Accidents .....	119
Tuberculosis .....	113
Rickets .....	97
Others and unclassified .....	611

There has been an increase of 7% in service to handicapped children by the organizations reporting, as compared with service for the year 1933. There has been also an increase of 12% in the number of orthopaedic cases.

There has been a great amount of service to handicapped children which has been undertaken by various service organizations which cannot be included in a statistical report. These are of tremendous importance to the welfare of a community and we are listing below some of the undertakings which have been reported to us.

The Gyro Club of Hamilton and Lions Club of Brantford confine their activities to the care of the blind; The Gyro Club of Ottawa and the Lions Club of Ottawa have supplied milk to under-nourished pupils in public schools; Canadian Progress Club looks after under-nourished children and provides an outing in the summer for the patients of the Orthopaedic Hospital; Mocha Temple of the Shrine pays the salary of a Masseuse in the physiotherapy Dept. of the Children's War Memorial Hospital, London; Kinsmen Club of London is working with the officials of the Children's War Memorial Hospital and expects to assume more responsibility in work for crippled children; Kinsmen Club of Chatham conducts well baby clinics; Kinsmen Club of Ottawa is interested in the maintenance of an Occupational Therapy Clinic at the Royal Ottawa Sanitorium; Lions Club of North Bay has furnished grants to the Children's Shelter and the Red Cross. Lions Club of Windsor has handled 750 cases through the sight saving clinics; Kiwanis Club of Kirkland Lake has supplied transportation to hospitals, constructed a playground and distributed milk to under-nourished children. Kiwanis Club of Kitchener-Waterloo maintains a summer camp; The Kiwanis Clubs of Ottawa, Oshawa, Peterboro and Toronto are interested in work for under-privileged children; Rotary Club of Gananoque has sent two children to private school, purchased hospital bed and furnished cod liver oil to needy school children; Rotary Club of Hamilton has outfitted a boy with clothes so that he may attend school, sent twelve boys to summer camp and provided various entertainments for crippled boys; Rotary Club of Peterboro provided treatment for an entire family suffering from pulmonary tuberculosis; Rotary Club of Windsor provided physiotherapy treatments to sixteen cases, giving as many as three and four per week. Kiwanis Club of Niagara Falls confines its interest to fatherless boys; Rotary Club of Ottawa took special interest in the Sunshine Class, attended clinics at hospital and provided various entertainments for the crippled children.

Copies of this report will be supplied on request by the  
Ontario Society for Crippled Children,  
15 Queen's Park, Toronto.

STATISTICAL REPORT OF UNEMPLOYMENT RELIEF BRANCH  
1933-1934

Statistics of Unemployment Relief Branch showing Direct Relief expenditures for the fiscal year ended October 31st, 1934 and also showing number of persons in receipt of relief each month in the five columns shown below are set out:

1. Total cost of Direct Relief in the Province for the fiscal year.
2. Amounts paid from the Provincial Treasury for each month of the fiscal year.
3. Percentage of costs born by the Provincial Treasury.
4. Number of persons registered for and in receipt of relief.
5. Per capita cost per month.

	1	2	3	4	5
November, 1933	\$2,937,010.83	\$1,206,693.22	41.08	416,332	\$7.05
December, 1933	3,143,334.70	1,277,905.73	40.65	444,070	7.08
January, 1934	2,809,277.78	1,191,547.71	42.41	432,303	6.50
February, 1934	3,216,304.98	1,308,703.80	40.69	428,345	7.51
March, 1934	3,307,033.54	1,363,210.36	41.22	450,482	7.34
April, 1934	2,951,250.04	1,217,496.19	41.25	399,357	7.39
May, 1934	2,871,355.22	1,107,561.00	38.57	372,494	7.71
June, 1934	2,360,855.27	1,011,548.32	42.84	320,589	7.36
July, 1934	2,007,938.22	853,856.76	42.52	309,741	6.48
August, 1934	2,159,194.04	1,126,120.19	52.15	315,942	6.83
September, 1934	2,065,796.38	1,058,685.98	51.24	306,290	6.74
October, 1934	2,730,564.46	1,541,137.72	56.44	355,134	7.39

SOLDIERS' AID COMMISSION

ANALYSIS OF ASSISTANCE RENDERED THROUGH NOS. 2 AND 3  
ACCOUNTS AND THE KATHLEEN HAMMOND FUND DURING THE  
FISCAL YEAR NOVEMBER 1933 - OCTOBER 1934

	Items
Rent and removal expenses	56
Overdue Gas, Electric and Water Accounts and Insurance	40
Footwear, pairs	138
Clothing for ex-service men and their dependents	267
Additional and Emergency Food; Emergency Board; Additional Milk and Special Diet Prescribed	110
Medicines prescribed; Medical and Hospital expenses; Special Nursing; Surgical Boots and Appliances, etc.	63
Glasses, pairs, prescribed	60
Transportation and Passport Fees	59
Household Furniture, Bedding, Stoves, etc.	83
Taxi, Chauffeur, Engineer's and other License Fees	10
Dentures, Dental Treatment	160
Fuel	60
Unclassified	45
Total	1,151

STATISTICAL REPORT  
of  
THE SOLDIERS' AID COMMISSION OF ONTARIO

ANALYSIS OF INVESTIGATIONS AND INTERVIEWS FOR THE PERIOD  
NOVEMBER 1933 TO OCTOBER 1934 INCLUSIVE

Month	Child Welfare	No. 2 A/c. No. 3 A/c.	No. 8 A/c.	Canteen Fund	Pension and Service	Misc.	Totals
Nov., 1933	70	195	12	30	96	131	534
Dec. "	45	173	30	23	68	123	462
Jan., 1934	60	104	17	28	108	118	435
Feb. "	65	130	14	31	77	86	403
March "	88	108	14	36	100	148	494
April "	50	148	15	28	86	156	483
May "	67	145	9	37	81	126	465
June "	47	173	7	28	60	97	412
July "	70	132	20	28	70	86	406
August "	84	126	12	42	77	127	468
Sept. "	46	72	10	70	69	120	387
Oct. "	85	62	17	49	55	135	403
Totals	777	1,568	177	430	947	1,453	5,352

COMPARATIVE FIGURES FOR PRECEDING FOUR YEARS

Fiscal Year	Total
1929-1930	3,385
1930-1931	4,083
1931-1932	5,341
1932-1933	6,176

STATEMENT SHOWING RELIGION OF WARDS

Protestant	550
Roman Catholic	34
Total	584

STATEMENT SHOWING RACIAL ORIGIN OF WARDS

Canadian	208
English	263
Irish	31
Scotch	38
Welsh	12
British West Indies	2
Australian	4
Other Nationalities	26
Total	584

STATEMENT SHOWING SEXES OF WARDS

Male	297
Female	287
Total	584

SOLDIERS' AID COMMISSION OF ONTARIO  
ESTATES, RELIEF AND TRUST FUNDS

November 1st, 1933 - October 31st, 1934

RECEIPTS

Balance on hand November 1st, 1933			...\$ 81,080.07
Provincial Grant	\$ 3,576.71		
Funds for Special Administration	3,784.66		
Hales Estate	50.00		
Ontario Canteen Fund	948.50		
Russian Relief Fund	62.27		
Scott Estate—Interest	602.75		
Donations—Christmas Welfare	60.00		
Interest and Appreciation on Bonds	314.50		
Repayments	203.68		
Transfer ex No. 1 Account	6,000.00		
		\$ 15,603.07	
Hammond Estate	\$ 431.25		
Bond Interest	1,824.19		
Funds for Special Administration	157.00		
		\$ 2,412.44	
Children's Trust Fund	\$ 3,373.32		
Bond Interest	2,126.24		
		\$ 5,499.56	
			\$ 23,515.07
			<u>\$104,595.14</u>

DISBURSEMENTS

Croft Estate—Taxes	\$ 4,614.20		
Croft Estate—Legal Fees	205.05		
Relief Gratuities	5,237.40		
Administration of Special Cases	3,760.66		
Hales Estate—Relief Gratuities	400.41		
Ontario Canteen Fund	844.30		
Christmas Gifts and Welfare	29.70		
Interest on Bonds	62.51		
		\$ 15,154.23	
Hammond Estate	\$ 3,636.79		
Administration of Special Cases	157.00		
Interest on Bonds	11.02		
		\$ 3,804.81	
Children's Trust Fund	\$ 9,911.35		
Interest on Bonds	4.32		
		\$ 9,915.67	
			\$ 28,874.71
Balance on hand, October 31st, 1934			\$ 75,720.43
			<u>\$104,595.14</u>

STATEMENT OF ADDITIONAL ASSISTANCE OBTAINED FROM OUTSIDE  
SOURCES FOR EX-SERVICE MEN AND THEIR DEPENDENTS  
DURING THE FISCAL YEAR 1932-1933

	General Outside Sources	Soldiers' Comforts W.P.L.	Number of Articles Total
November, 1933	112	336	448
December, 1933	39	1,067	1,106
January, 1934	51	1,225	1,276
February, 1934	16	325	341
March, 1934	34	1,106	1,140
April, 1934	20	288	308
May, 1934	80	414	494
June, 1934	60	865	925
July, 1934	21	899	920
August, 1934	10	425	435
September, 1934	..	98	98
October, 1934	135	..	135
	578	7,048	7,626

In addition to the foregoing cash grants were made to ex-service men and their dependents as follows

\$539.20                      £7.0.0.                      =                      \$44.20

NOTE: The foregoing assistance comprised food, clothing, surgical appliances, medicines, layettes, household furniture, books, etc., and was distributed among approximately twelve hundred families of ex-service men.

ANALYSIS OF ADVICE AND ASSISTANCE RENDERED TO EX-SERVICE  
MEN AND THEIR DEPENDENTS IN CONNECTION WITH PENSION AND  
SERVICE MATTERS DURING THE FISCAL YEAR NOVEMBER 1933 TO  
OCTOBER 1934

First Time Pensions	10
Aged Parents' Dependency Pensions obtained	8
Retroactive awards of Pension	5
Special Campaign Pensions	3
Extension of Pension beyond Statutory Age Limit secured for educational purposes	7
Dependents Allowances	1
Dental Treatment (Imperial)	1
War Veterans' Allowances	16
Treatment and Hospitalization, pay and allowances	5
Treatment and Hospitalization on compassionate grounds	1
Discharge Certificates re-issued and Certificates of Service procured:	
Canadian Expeditionary Force	53
Imperial Forces	12
Pension Life Certificates Certified	110
Copies of Birth, Marriage and Death Certificates, Post Mortem findings, etc., obtained from various Provinces and the United Kingdom as evidence in support of claims	13
Medical Certificates, showing diagnoses, obtained from Hospitals, Clinics and private Doctors, without cost as corroborative evidence	102
Medals, not previously issued; Memorial Crosses replaced, etc.	20
General Advice on Pension problems; Meeting Boards, obtained assistance in collecting supporting evidence, preparation of affidavits, etc.	580
	947











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