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CONTENTS FOR PART III

REPORTS

BIRTHS, MARRIAGES AND DEATHS

DEPARTMENT OF HEALTH

HOSPITALS DIVISION

HOSPITALS AND SANITORIA

MINISTER OF PUBLIC WELFARE

LIQUOR CONTROL BOARD

MINISTER OF AGRICULTURE

STATISTICS BRANCH (AGRICULTURE)

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

REPORT

RELATING TO THE REGISTRATION OF

BIRTHS, MARRIAGES AND DEATHS

IN THE

PROVINCE OF ONTARIO

FOR THE

YEAR ENDING 31st DECEMBER

1942

(SEVENTY-THIRD ANNUAL REPORT)



PRINTED BY ORDER OF
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SESSIONAL PAPER No. 13, 1943



ONTARIO

TORONTO

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

1944

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 Seventy-third Annual Report of the Registrar-General, relating to the Registration of Births, Marriages and Deaths in the Province of Ontario during the year 1942.

Respectfully submitted,

G. H. DUNBAR,
Registrar-General of Ontario.

SIR:

I have the honour to submit for your approval the Seventy-third 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, 1942.

I have the honour to be, Sir,

Your obedient servant,

F. V. JOHNS,
Deputy Registrar-General.

TO THE HON. G. H. DUNBAR,
Registrar-General of Ontario.

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INTRODUCTION

This report is divided into two parts. Part I consists of an analytical survey of the Vital Statistics of the province in the form of narrative summaries, summary tables and charts. Its objectives are (1) to indicate (in so far as can be portrayed by vital statistics) the general trend over the past several years, in the general state of the health of the people of Ontario; (2) to assess the vital statistics of 1942 in the light of these general trends; and (3) to bring to light certain specific problems in the field of public health, such as infant and maternal mortality and deaths from specific diseases such as cancer and tuberculosis and those resulting from accidental causes. Part II consists of detailed tables covering vital statistics for the year 1942. In the interests of economy several tables are not printed in this report. These are listed in the Table of Contents and the information is available upon request providing that such requests, in the opinion of the Registrar-General, are sufficiently warranted and urgent in the public interest.

PART I.—COMPARATIVE AND ANALYTICAL SUMMARY

Population

For reference purposes the estimated population of the province over a period of about two decades is shown by sex in Table A, while a distribution by sex and age-groups of the estimated population of 1942 is provided in Table B.

TABLE A—POPULATION, CENSUSES 1921, 1931 AND 1941 AND ESTIMATED FOR INTERCENSAL YEARS, BY SEX, ONTARIO

Year	Total	Male	Female	Year	Total	Male	Female
1921	2,933,662	1,481,890	1,451,772	1932	3,475,000	1,770,000	1,705,000
1922	2,980,000	1,507,000	1,473,000	1933	3,564,000	1,814,000	1,750,000
1923	3,013,000	1,525,000	1,488,000	1934	3,629,000	1,847,000	1,782,000
1924	3,059,000	1,550,000	1,509,000	1935	3,673,000	1,868,000	1,805,000
1925	3,111,000	1,578,000	1,533,000	1936	3,689,000	1,875,000	1,814,000
1926	3,164,000	1,606,000	1,558,000	1937	3,711,000	1,886,000	1,825,000
1927	3,219,000	1,635,000	1,584,000	1938	3,731,000	1,895,000	1,836,000
1928	3,278,000	1,666,000	1,612,000	1939	3,752,000	1,905,000	1,847,000
1929	3,334,000	1,696,000	1,638,000	1940	3,763,000	1,910,000	1,853,000
1930	3,386,000	1,724,000	1,662,000	1941	3,787,655	1,921,201	1,866,454
1931	3,431,683	1,748,844	1,682,839	1942	3,825,000	1,939,000	1,886,000

TABLE B—ESTIMATED POPULATION OF ONTARIO, BY SEX AND AGE-GROUP, 1942*

Age-Group	Total	Male	Female	Age-Group	Total	Male	Female
Under 5	307,700	156,200	151,500	50-54	216,800	111,300	105,500
5-9	296,800	150,600	146,200	55-59	186,400	96,200	90,200
10-14	321,600	162,800	158,800	45-59	638,300	328,000	310,300
0-14	926,100	469,600	456,500	60-64	153,200	77,400	75,800
15-19	337,900	171,400	166,500	65-69	119,300	59,200	60,100
20-24	327,600	165,500	162,100	70-74	87,600	42,300	45,300
25-29	317,500	160,600	156,900	60-74	360,100	178,900	181,200
15-29	983,000	497,500	485,500	75-79	56,300	26,400	29,900
30-34	292,300	148,300	144,000	80-84	30,200	13,900	16,300
35-39	271,000	140,000	131,000	85-89	11,300	5,000	6,300
40-44	253,200	130,100	123,100	90-94	2,700	1,100	1,600
30-44	816,500	418,400	398,100	75-94	100,500	46,400	54,100
45-49	235,100	120,500	114,600	95 and over	500	200	300
				Total	3,825,000	1,939,000	1,886,000

Figures supplied by Social Analysis Branch, Dominion Bureau of Statistics.

*These estimates do not take into account interprovincial migration, figures for which are not available for intercensal years.

The rural and urban distribution of the 1942 estimated population was as follows:—

Population Group	Estimated Population	Per cent
Incorporated centres (1)—10,000 population and over..	1,768,506	46.2
Incorporated centres (1)—5,000 to 10,000 population...	221,419	5.8
Incorporated centres (1)—1,000 to 5,000 population....	301,463	7.9
Rural Population (including incorporated centres under 1,000*).	1,533,612	40.1

*As at Census of 1941.

Natural Increase

The natural increase in the population and the computed rates for the period 1922 to 1942 are shown in Table C.

TABLE C—NATURAL INCREASE AND NATURAL INCREASE RATES,
ONTARIO, 1922-1942

Year	Live Births	Deaths	Excess of Births over Deaths	Natural Increase Rate per 1,000 Population
1922.....	71,430	34,034	37,396	12.5
1923.....	70,056	35,636	34,420	11.4
1924.....	71,510	33,078	38,432	12.6
1925.....	70,122	33,960	36,162	11.6
1926.....	67,617	35,909	31,708	10.0
1927.....	67,671	34,775	32,896	10.2
1928.....	68,510	37,128	31,382	9.6
1929.....	68,458	38,123	30,335	9.1
1930.....	71,263	37,313	33,950	10.0
1931.....	69,209	35,705	33,504	9.8
1932.....	66,842	36,469	30,373	8.7
1933.....	63,646	35,301	28,345	8.0
1934.....	62,234	35,119	27,115	7.5
1935.....	63,069	36,317	26,752	7.3
1936.....	62,451	37,571	24,880	6.7
1937.....	61,645	38,475	23,170	6.2
1938.....	65,564	36,890	28,674	7.7
1939.....	64,123	37,530	26,593	7.1
1940.....	68,524	38,503	30,021	8.0
1941.....	72,262	39,226	33,036	8.7
1942.....	78,192	39,119	39,073	10.2

The natural increase rate has shown a general downward trend during the past two decades with a considerable recovery taking place since 1939. This is attributable, to a large extent, to a sudden rise in the birth rate associated with the war. The lowest rates were reached in the immediate post-depression period of 1933 to 1939, as is clearly shown in Chart 1. The main factors throughout were naturally a general falling birth rate and a relatively stable death rate for the total population despite an increase in the deaths among the higher ages which is directly associated with an ageing population.

Births

Table D presents an historical summary of births, stillbirths and illegitimate births, together with computed rates for each, while Chart 1 portrays the general trends over the same period.

TABLE D—SUMMARY OF LIVE BIRTHS, STILLBIRTHS AND ILLEGITIMATE BIRTHS, AND RATES, ONTARIO, 1922-1942

Year	LIVE BIRTHS		STILLBIRTHS		ILLEGITIMATE BIRTHS	
	Number	Rate per 1,000 Population	Number	Rate per 1,000 Live Births	Number	Rate per 1,000 Live Births
1922	71,430	24.0	3,115	43.6	1,519	21.3
1923	70,056	23.3	3,028	43.2	1,579	22.5
1924	71,510	23.4	2,594	36.3	1,717	24.0
1925	70,122	22.5	2,782	39.7	1,881	26.8
1926	67,617	21.4	2,812	41.6	1,823	27.0
1927	67,671	21.0	2,758	40.8	1,958	28.9
1928	68,510	20.9	2,793	40.8	2,170	31.7
1929	68,458	20.5	2,730	39.9	2,376	34.7
1930	71,263	21.0	2,713	38.1	2,651	37.2
1931	69,209	20.2	2,652	38.3	2,773	40.1
1932	66,842	19.2	2,377	35.6	2,834	42.4
1933	63,646	17.9	2,161	34.0	2,786	43.8
1934	62,234	17.1	2,091	33.6	2,500	40.2
1935	63,069	17.2	2,140	33.9	2,642	41.9
1936	62,451	16.9	2,034	32.6	2,788	44.6
1937	61,645	16.6	1,988	32.2	2,796	45.4
1938	65,564	17.6	2,015	30.7	3,061	46.7
1939	64,123	17.1	1,965	30.6	2,884	45.0
1940	68,524	18.2	2,037	29.7	3,167	46.2
1941	72,262	19.1	2,084	28.8	3,384	46.8
1942	78,192	20.4	2,088	26.7	3,789	48.5

The number of live births has shown a more or less general decrease from 1922 to approximately 1937 when 61,645 births were registered. There was some recovery up to the war period followed by a decided increase accompanying the war. Live births in 1942 were 8.2 per cent higher than in the previous year and almost 22 per cent higher than in 1939. The crude birth rate of 20.4 in 1942 was almost as high as that attained in 1928 and 1929, a prosperity period.

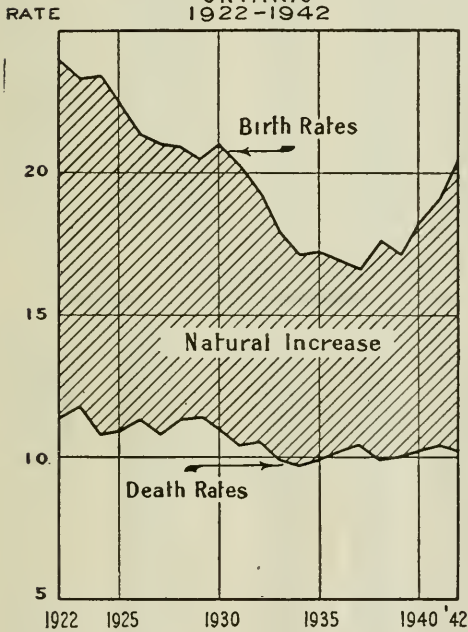
The stillbirth rate, on the other hand, has been on an extremely encouraging downward trend with a reduction of almost 39 per cent since 1922. In 1922 for every 1,000 babies born alive, 44 were stillborn, while in 1942 there were less than 27 stillborn—a fact which may be taken as a partial reflection of the improved health of mothers in the province and the improvement in obstetrical services.

Illegitimacy, however, has been increasing at an alarming rate—3,789 illegitimate births being registered in 1942 as compared with 1,519 such births in 1922. The rate has risen $1\frac{1}{4}$ times since 1922 with over 48 of every 1,000 births in 1942 being illegitimate as compared with 21 in 1922 and 40 in 1931. It will be noted, however, that in the period 1922-1931 the rate rose 88 per cent as compared with a rise of only 21 per cent since that period.

Tables E, F and G, provide a breakdown of births by age of mothers for the same three groups, and indicate to some degree the extent to which age has contributed to the trends outlined above, while Chart 2 provides an interesting picture of the age distribution over the same period on the basis of five-year averages.

Chart 1

**BIRTH AND DEATH RATES
PER 1000 POPULATION
AND
NATURAL INCREASE
ONTARIO
1922-1942**



**STILLBIRTH AND
ILLEGITIMATE BIRTH RATES
PER 1,000 LIVE BIRTHS
ONTARIO
1922 - 1942**

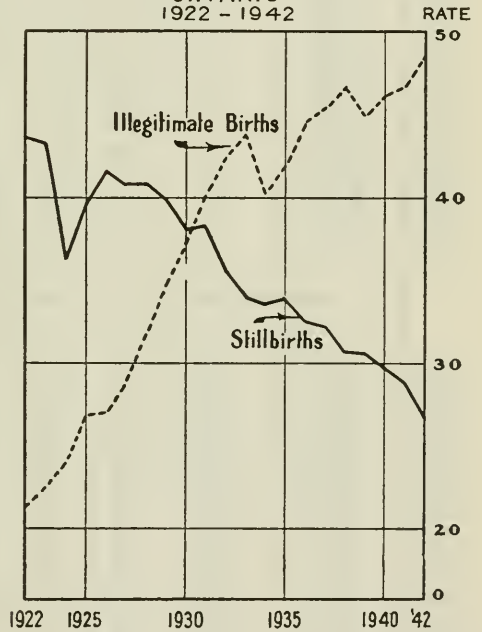


TABLE E—LIVE BIRTHS, CLASSIFIED BY AGE OF MOTHER,
ONTARIO, 1922-1942

Year	Total Live Births	AGE OF MOTHER								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 and over
1922	71,430	24	4,352	17,456	20,148	15,501	10,095	3,546	302	6
1923	70,056	22	4,080	16,855	19,845	15,288	10,065	3,580	312	9
1924	71,510	15	4,381	17,264	20,073	15,662	10,089	3,687	328	11
1925	70,122	34	4,476	16,782	19,783	15,272	9,930	3,535	301	9
1926	67,617	17	4,287	16,218	18,748	14,918	9,591	3,519	314	5
1927	67,671	23	4,612	16,645	18,404	14,703	9,453	3,474	342	15
1928	68,510	23	4,867	17,364	18,317	14,823	9,364	3,458	292	2
1929	68,458	34	5,079	17,823	18,522	14,329	9,122	3,237	304	8
1930	71,263	38	5,448	18,884	19,170	14,794	9,277	3,378	272	2
1931	69,209	32	5,511	18,326	18,738	14,192	8,958	3,157	289	6
1932	66,842	15	5,249	17,857	18,188	13,406	8,742	3,084	299	2
1933	63,646	29	5,164	16,927	17,446	12,738	8,223	2,848	269	2
1934	62,234	21	4,842	16,697	17,213	12,435	7,840	2,897	285	4
1935	63,069	20	4,906	17,225	17,636	12,380	7,848	2,790	260	4
1936	62,451	30	4,865	17,428	17,425	12,316	7,482	2,698	201	6
1937	61,645	19	4,974	17,399	17,297	12,172	7,055	2,502	223	4
1938	65,564	29	5,486	18,654	18,532	12,833	7,304	2,515	210	1
1939	64,123	21	5,445	18,041	18,210	12,724	7,138	2,311	231	2
1940	68,524	18	5,977	19,439	19,952	13,399	7,187	2,350	202	..
1941	72,262	28	6,118	21,401	21,413	13,568	7,228	2,325	180	1
1942	78,192	27	6,414	23,432	23,113	14,876	7,696	2,429	201	4
PERCENTAGE OF BIRTHS IN EACH AGE-GROUP (STATED AGES)										
1922	100.0	0.03	6.1	24.4	28.2	21.7	14.1	5.0	0.4	0.01
1923	100.0	0.03	5.8	24.1	28.3	21.8	14.4	5.1	0.4	0.01
1924	100.0	0.02	6.1	24.1	28.1	21.9	14.1	5.2	0.5	0.02
1925	100.0	0.05	6.4	23.9	28.2	21.8	14.2	5.0	0.4	0.01
1926	100.0	0.03	6.3	24.0	27.7	22.1	14.2	5.2	0.5	0.01
1927	100.0	0.03	6.8	24.6	27.2	21.7	14.0	5.1	0.5	0.02
1928	100.0	0.03	7.1	25.3	26.8	21.6	13.7	5.1	0.4	....
1929	100.0	0.05	7.4	26.0	27.1	20.9	13.3	4.7	0.5	0.01
1930	100.0	0.05	7.7	26.5	26.9	20.8	13.0	4.7	0.4	....
1931	100.0	0.04	8.0	26.5	27.1	20.5	12.9	4.6	0.4	0.01
1932	100.0	0.02	7.9	26.7	27.2	20.1	13.1	4.6	0.4	....
1933	100.0	0.05	8.1	26.6	27.4	20.0	12.9	4.5	0.4	....
1934	100.0	0.03	7.8	26.8	27.7	20.0	12.6	4.6	0.5	0.01
1935	100.0	0.03	7.8	27.3	28.0	19.6	12.5	4.4	0.4	0.01
1936	100.0	0.05	7.8	27.9	27.9	19.7	12.0	4.3	0.3	0.01
1937	100.0	0.03	8.1	28.2	28.1	19.7	11.4	4.1	0.4	0.01
1938	100.0	0.04	8.4	28.5	28.3	19.6	11.1	3.8	0.3	....
1939	100.0	0.03	8.5	28.1	28.4	19.9	11.1	3.6	0.4	....
1940	100.0	0.03	8.7	28.4	29.1	19.6	10.5	3.4	0.3	....
1941	100.0	0.04	8.6	29.6	29.6	18.8	10.0	3.2	0.2	....
1942	100.0	0.03	8.2	30.0	29.6	19.0	9.8	3.1	0.3	0.01

NOTE: Births to mothers of "not stated" ages have been distributed on the basis of specified ages.

TABLE F—STILLBIRTHS, CLASSIFIED BY AGE OF MOTHER,
ONTARIO, 1922-1942

Year	Total	AGE OF MOTHER							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over
1922	3,015	...	141	635	731	674	546	256	32
1923	2,963	...	154	547	755	694	531	254	28
1924	2,901	...	124	548	714	682	565	242	26
1925	2,674	1	137	484	647	613	545	216	31
1926	2,693	...	119	478	641	635	509	272	39
1927	2,644	...	137	527	633	595	484	236	32
1928	2,678	...	165	505	620	578	554	225	31
1929	2,589	...	145	540	596	596	445	238	29
1930	2,557	...	133	519	593	602	466	210	34
1931	2,492	1	154	510	602	567	456	182	20
1932	2,245	...	131	438	547	472	421	213	23
1933	2,161	1	146	438	510	458	405	170	33
1934	2,091	1	143	449	483	456	362	177	20
1935	2,140	1	132	460	522	437	384	180	24
1936	2,034	...	119	458	496	414	333	190	24
1937	1,988	2	148	413	490	400	326	184	25
1938	2,015	2	148	437	485	427	336	155	25
1939	1,965	2	144	417	497	416	318	152	19
1940	2,037	1	136	422	517	460	345	140	16
1941	2,084	2	147	461	579	446	309	129	11
1942	2,088	2	141	461	552	440	333	142	17
PERCENTAGE IN EACH AGE-GROUP (STATED AGES)									
1922	100.0	...	4.7	21.0	24.2	22.4	18.1	8.5	1.1
1923	100.0	...	5.2	18.5	25.5	23.4	17.9	8.6	0.9
1924	100.0	...	4.3	18.9	24.6	23.5	19.5	8.3	0.9
1925	100.0	0.04	5.1	18.1	24.2	22.9	20.4	8.1	1.2
1926	100.0	...	4.4	17.8	23.8	23.6	18.9	10.1	1.4
1927	100.0	...	5.2	19.9	24.0	22.5	18.3	8.9	1.2
1928	100.0	...	6.2	18.8	23.1	21.6	20.7	8.4	1.2
1929	100.0	...	5.6	20.9	23.0	23.0	17.2	9.2	1.1
1930	100.0	...	5.2	20.3	23.2	23.6	18.2	8.2	1.3
1931	100.0	0.04	6.2	20.5	24.1	22.8	18.3	7.3	0.8
1932	100.0	...	5.8	19.5	24.4	21.0	18.8	9.5	1.0
1933	100.0	0.05	6.8	20.3	23.6	21.2	18.7	7.9	1.5
1934	100.0	0.05	6.8	21.5	23.1	21.8	17.3	8.5	1.0
1935	100.0	0.05	6.2	21.5	24.4	20.4	17.9	8.4	1.1
1936	100.0	...	5.9	22.5	24.4	20.3	16.4	9.3	1.2
1937	100.0	0.1	7.4	20.8	24.6	20.1	16.4	9.3	1.3
1938	100.0	0.1	7.3	21.7	24.1	21.2	16.7	7.7	1.2
1939	100.0	0.1	7.3	21.2	25.3	21.2	16.2	7.7	1.0
1940	100.0	0.05	6.7	20.7	25.4	22.6	16.9	6.9	0.8
1941	100.0	0.1	7.0	22.1	27.8	21.4	14.9	6.2	0.5
1942	100.0	0.1	6.8	22.1	26.4	21.1	15.9	6.8	0.8

NOTE:—1922-1932 figures for married mothers only.

Stillbirths to mothers of "not stated" ages have been distributed on the basis of specified ages.

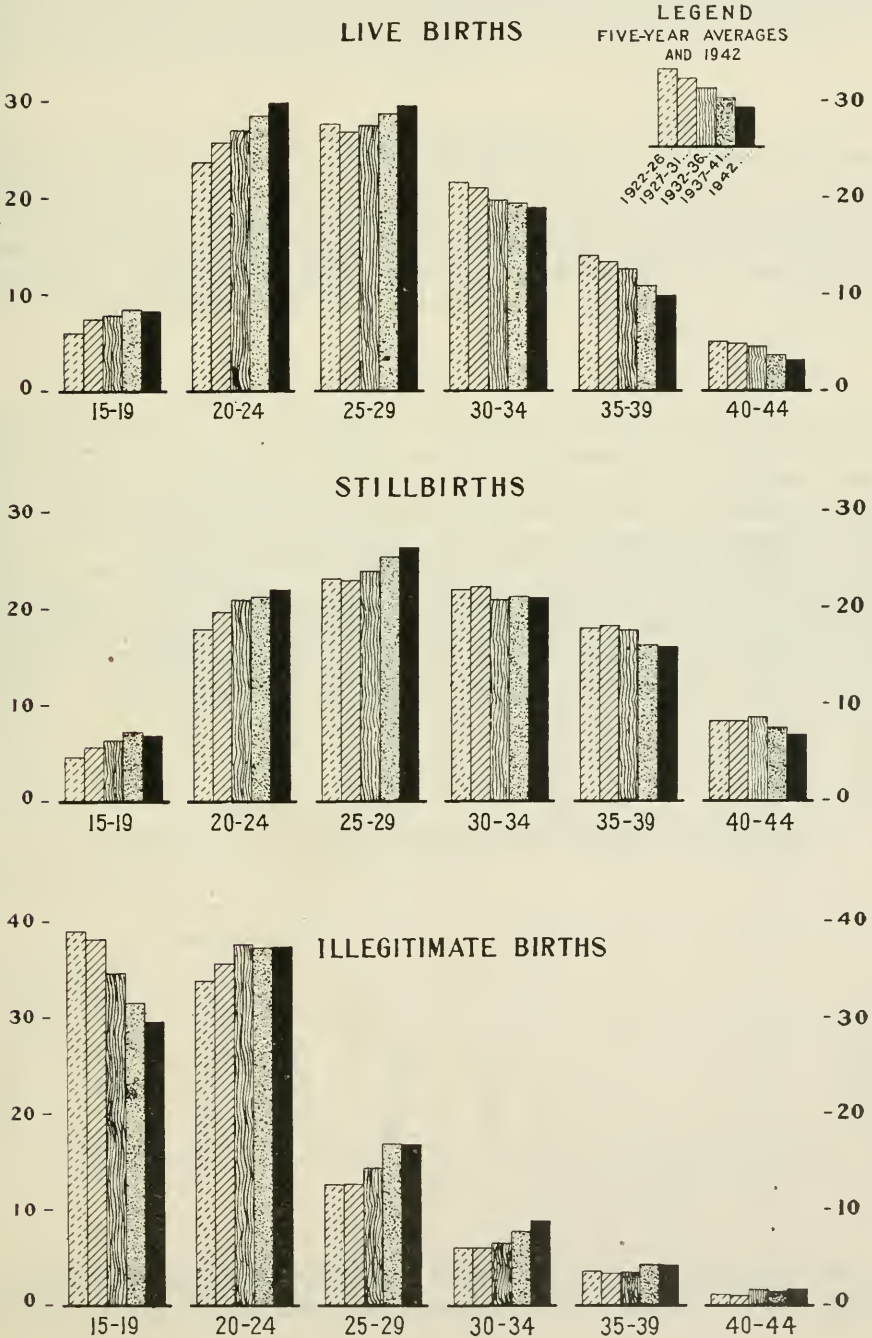
TABLE G—ILLEGITIMATE LIVE BIRTHS, CLASSIFIED BY AGE OF MOTHER, ONTARIO, 1922-1942

Year	Total	AGE OF MOTHER							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over
1922	1,519	21	584	517	208	110	63	15	1
1923	1,579	19	653	558	189	99	45	15	1
1924	1,717	12	695	616	206	98	71	18	1
1925	1,881	27	764	631	260	106	66	25	2
1926	1,823	15	725	640	241	115	61	19	7
1927	1,958	16	796	703	231	126	59	25	2
1928	2,170	21	863	791	278	119	80	17	1
1929	2,376	31	926	867	303	152	66	29	2
1930	2,651	33	974	1,003	345	160	107	24	5
1931	2,773	29	1,080	988	378	170	92	32	4
1932	2,834	13	1,031	1,043	417	182	87	54	7
1933	2,786	21	1,064	1,010	370	175	97	48	1
1934	2,500	17	831	955	380	182	91	38	6
1935	2,642	19	895	1,047	377	167	99	34	4
1936	2,788	29	911	1,102	422	187	94	41	2
1937	2,796	17	887	1,037	447	231	128	44	5
1938	3,061	22	978	1,180	486	215	132	45	3
1939	2,884	21	917	1,075	495	223	119	33	1
1940	3,167	13	1,043	1,159	530	255	116	50	1
1941	3,384	21	1,009	1,281	626	254	150	39	4
1942	3,789	22	1,133	1,434	639	337	158	61	5
PERCENTAGE IN EACH AGE-GROUP (STATED AGES)									
1922	100.0	1.4	38.5	34.0	13.7	7.2	4.1	1.0	0.1
1923	100.0	1.2	41.3	35.3	12.0	6.3	2.8	1.0	0.1
1924	100.0	0.7	40.5	35.9	12.0	5.7	4.1	1.0	0.1
1925	100.0	1.4	40.6	33.6	13.8	5.7	3.5	1.3	0.1
1926	100.0	0.8	39.8	35.1	13.2	6.3	3.3	1.0	0.4
1927	100.0	0.8	40.7	35.9	11.8	6.4	3.0	1.3	0.1
1928	100.0	0.9	39.8	36.4	12.8	5.5	3.7	0.8	0.05
1929	100.0	1.3	39.0	36.5	12.7	6.4	2.8	1.2	0.1
1930	100.0	1.3	36.8	37.8	13.0	6.0	4.0	0.9	0.2
1931	100.0	1.1	39.0	35.6	13.6	6.1	3.3	1.2	0.1
1932	100.0	0.5	36.4	36.8	14.7	6.4	3.1	1.9	0.2
1933	100.0	0.8	38.2	36.2	13.3	6.3	3.5	1.7	0.04
1934	100.0	0.7	33.3	38.2	15.2	7.3	3.6	1.5	0.2
1935	100.0	0.7	33.9	39.6	14.3	6.3	3.7	1.3	0.2
1936	100.0	1.0	32.7	39.5	15.1	6.7	3.4	1.5	0.1
1937	100.0	0.6	31.7	37.1	16.0	8.2	4.6	1.6	0.2
1938	100.0	0.7	31.9	38.6	15.9	7.0	4.3	1.5	0.1
1939	100.0	0.7	31.8	37.3	17.2	7.7	4.1	1.2	0.03
1940	100.0	0.4	32.9	36.6	16.7	8.1	3.7	1.6	0.03
1941	100.0	0.6	29.8	37.9	18.5	7.5	4.4	1.2	0.1
1942	100.0	0.6	29.9	37.8	16.9	8.9	4.2	1.6	0.1

NOTE:—Births to mothers of "not stated" ages have been distributed on the basis of specified ages.

Chart 2

PERCENTAGE OF
LIVE BIRTHS, STILLBIRTHS AND ILLEGITIMATE BIRTHS
IN EACH AGE-GROUP OF MOTHERS
ONTARIO



There has been a general tendency during the past two decades towards younger motherhood. For example, of every 100 babies born alive in 1922, 6 were to mothers under 20 years of age, over 24 to mothers 20-24, and 28 to mothers 25-29 or a total of 59 children to mothers under 30 years of age. In 1942 of every 100 live births, 8 were born to mothers under 20, 30 to mothers 20-24, and almost 30 to mothers 25-29 or a total of 68 children to mothers under 30 years of age. The picture, however, is not complete without mentioning the fact that fewer children are now being born to each mother than was the case two decades ago, and these are being borne in the early years of married life.

As a partial effect of the trend towards younger motherhood, a greater percentage of stillbirths is now occurring at the younger ages than was the case in 1922. In 1942, 6.8 per cent of the stillbirths were to mothers below 20 years of age as compared with 4.7 per cent in 1922, and 22.1 per cent as compared with 21.0 per cent to mothers 20-24, while proportionate declines are evident among older mothers, particularly those in the late thirties. In 1942 of every 100 stillbirths, 45 were to mothers over 30 years of age as compared with 50 in 1922 and over 49 in 1931.

There are indications that the number of stillbirths per 1,000 deliveries has been decreasing at an encouraging rate over the past two decades, and that this has been evident for each age-group of mothers, although the fact remains that the risk of stillbirth delivery increases with age. The following summary sufficiently indicates the general trend in this report over the 20-year period. For example, of every 1,000 deliveries among mothers 15-19 in 1942, 22 were stillborn as compared with 29 in the period 1922-27; among mothers 20-24 years of age, 19 as compared with 30; among mothers 25-29 years of age, 23 as compared with 33, with similar encouraging figures for older mothers, although the risk of stillbirth delivery increases rapidly for mothers over 35 years of age.

AVERAGE NUMBER OF STILLBIRTHS PER 1,000 DELIVERIES

Years	AGE OF MOTHER					
	15-19	20-24	25-29	30-34	35-39	40 and over
1922-27	29	30	33	39	49	64
1928-32	27	27	30	37	48	63
1933-37	27	25	28	34	45	64
1938-42	24	21	25	31	43	58
1942	22	19	23	29	41	57

With respect to illegitimacy, Table G and Chart 2 indicate that the great majority of the illegitimate live births occur to mothers under 25 years of age.

Of every 100 such births in 1922, 74 were to this group of mothers, as compared with 68 in 1942.

In recent years a greater proportion of illegitimate births are ascribable to mothers in the older ages, relatively high percentages occurring to mothers in their 30's, with proportionate reductions among mothers in the 'teen ages. Chart 2, particularly, illustrates this fact.

Infant Mortality

Table H and Chart 3 both indicate very clearly the declining trend in the number of deaths of children under one year of age, and reflects to a larger extent the success of a long-range programme directed during the last two decades at the reduction of infant mortality.

TABLE H—INFANT DEATHS, BY AGE AT DEATH, ONTARIO, 1921-1942

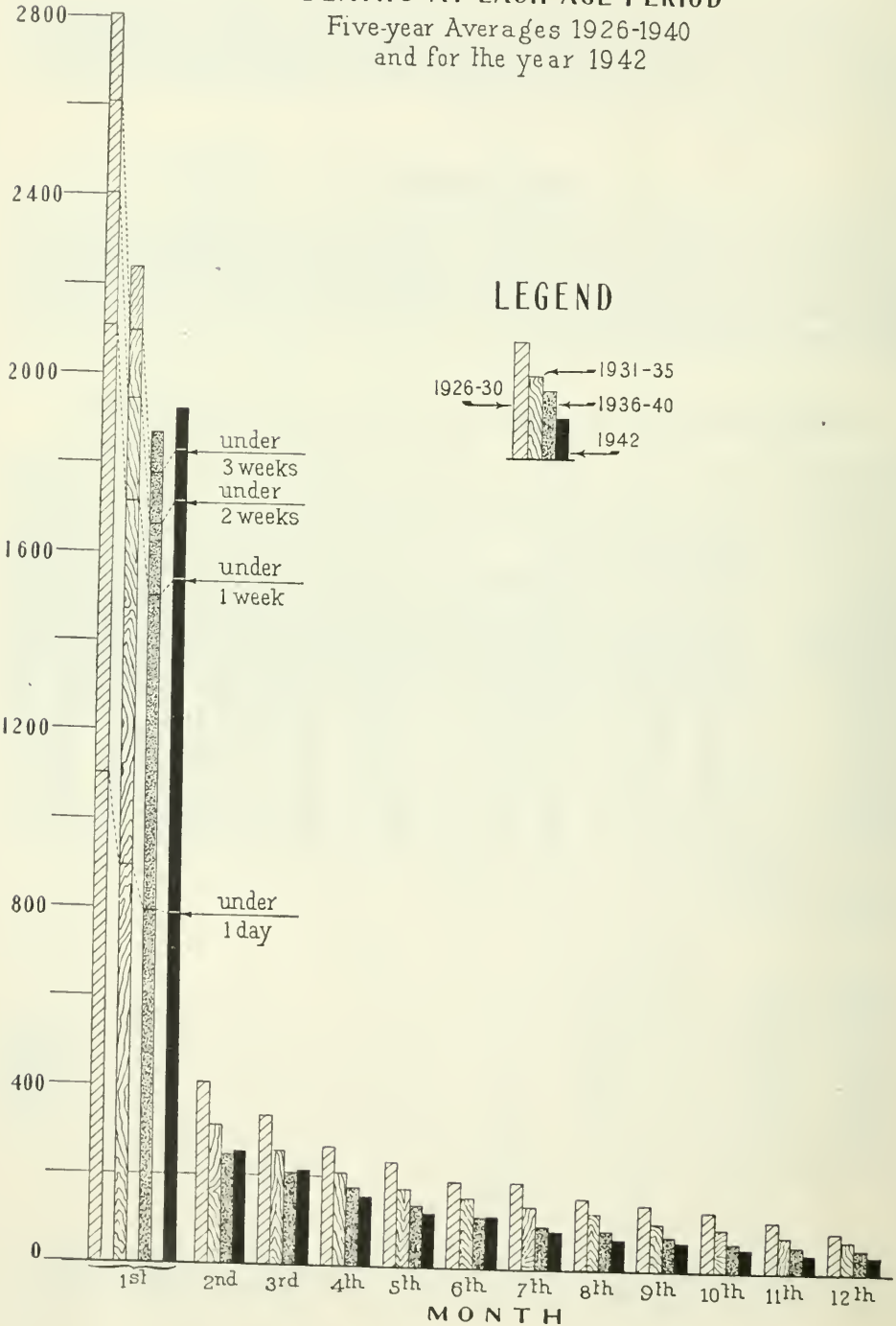
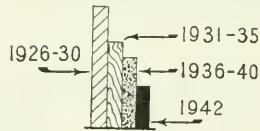
Age at Death	AVERAGE				DEATHS										10 yr. av.
	1921-1925	1926-1930	1931-1935	1936-1940	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	
Total	5,916	5,092	3,961	3,194	3,804	3,523	3,515	3,416	3,382	3,245	2,979	2,959	3,294	3,139	3,324
Under 1 day	*	1,102	896	791	859	756	874	818	817	831	744	745	845	786	808
Under 1 week	2,273	2,108	1,712	1,502	1,632	1,512	1,667	1,553	1,548	1,532	1,416	1,461	1,576	1,535	1,543
Under 2 weeks	2,649	2,404	1,941	1,664	1,860	1,712	1,862	1,723	1,726	1,678	1,579	1,613	1,750	1,713	1,722
Under 3 weeks	2,916	2,610	2,096	1,777	1,999	1,847	2,002	1,839	1,830	1,806	1,685	1,723	1,858	1,824	1,841
1st month	3,137	2,806	2,237	1,867	2,144	1,953	2,122	1,935	1,931	1,887	1,777	1,805	1,968	1,922	1,944
2nd month	473	409	310	246	282	289	279	284	225	241	252	230	267	255	260
3rd month	376	334	256	209	233	244	210	236	226	222	183	177	224	213	217
4th month	334	268	209	178	206	197	171	190	211	181	149	161	169	157	179
5th month	300	235	174	139	175	174	130	156	155	124	131	130	157	122	145
6th month	243	194	157	115	148	128	115	116	134	124	107	95	114	118	120
7th month	230	195	140	97	143	118	96	99	122	99	92	73	94	85	102
8th month	198	161	124	88	118	119	104	105	103	72	80	81	83	70	94
9th month	176	149	107	78	105	103	74	97	73	93	73	54	64	65	80
10th month	168	134	94	63	92	80	80	72	64	78	50	53	62	52	68
11th month	145	115	80	58	84	73	72	68	66	60	41	56	53	41	61
12th month	136	92	73	56	74	45	62	58	72	64	44	44	39	39	54

*Figures not available for the years 1921 and 1922.

Chart 3

INFANT MORTALITY
 ONTARIO
DEATHS AT EACH AGE PERIOD
 Five-year Averages 1926-1940
 and for the year 1942

LEGEND



Years	Infant Deaths per 1,000 Live Births
1921-25.....	83
1926-30.....	74
1931-35.....	61
1936-40.....	50
1941.....	46
1942.....	40

A reduction in the number of infant deaths is apparent for each of the successive periods indicated, and this for every monthly age-group, with the 1942 figures significantly lower than the average of the last 10 years. Any increases which are noted for 1941 and 1942 must be considered in comparison with the extensive increase in the number of births during the same two years. In the support of this statement, the following summary, indicating the number of infant deaths per 1,000 live births, presents possibly a more accurate picture of the rapid reduction in the rate of infant mortality than that obtained by a consideration of the total number of deaths occurring in the first year of life.

Table I shows that there has been a notable reduction in infant deaths attributable to certain causes, particularly in those due to the diseases of early infancy, of the digestive tract and of the respiratory organs, including whooping cough and influenza, while no improvement in the death rate from malformations is apparent.

TABLE I—DEATHS OF CHILDREN UNDER ONE YEAR (STATED CAUSES OF DEATH),
ONTARIO, 1933-1942

Cause of Death	TOTAL DEATHS										10-yr. Average 1933- 1942
	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	
Total	3,804	3,523	3,515	3,416	3,382	3,245	2,979	2,959	3,294	3,139	3,326
Whooping cough.....	84	122	95	78	59	60	54	47	81	49	73
Influenza.....	108	49	88	72	131	65	70	76	105	67	83
Convulsions.....	32	34	29	32	21	26	15	17	28	31	27
Diseases of respiratory organs.....	419	411	409	426	415	421	362	377	380	420	404
Diseases of digestive tract.....	544	507	337	381	411	336	264	163	327	233	350
Malformations.....	455	410	415	434	428	446	429	460	514	583	457
Diseases of early infancy.....	1,813	1,660	1,801	1,637	1,618	1,625	1,504	1,529	1,552	1,437	1,618
All others.....	349	330	341	356	299	266	281	290	307	319	314
	RATE PER 1,000 LIVE BIRTHS										
Total	59.8	56.6	55.7	54.7	54.9	49.5	46.5	43.2	45.6	40.1	50.3
Whooping cough.....	1.3	2.0	1.5	1.2	1.0	0.9	0.8	0.7	1.1	0.6	1.1
Influenza.....	1.7	0.8	1.4	1.2	2.1	1.0	1.1	1.1	1.5	0.9	1.3
Convulsions.....	0.5	0.5	0.4	0.5	0.3	0.4	0.2	0.2	0.4	0.4	0.4
Diseases of respiratory organs.....	6.6	6.6	6.5	6.8	6.7	6.4	5.6	5.5	5.3	5.4	6.1
Diseases of digestive tract.....	8.5	8.1	5.3	6.1	6.7	5.1	4.1	2.4	4.5	3.0	5.3
Malformations.....	7.1	6.6	6.6	6.9	6.9	6.8	6.7	6.7	7.1	7.1	6.9
Diseases of early infancy.....	28.5	26.7	28.6	26.2	26.2	24.8	23.5	22.3	21.5	18.4	24.5
All others.....	5.5	5.3	5.4	5.7	4.9	4.1	4.4	4.2	4.2	4.1	4.7

The numbers and rates of infant deaths occurring in incorporated centres, of 10,000 population and over, are submitted in Table J.

TABLE J—INFANT MORTALITY IN CITIES, TOWNS AND VILLAGES OF 10,000 POPULATION AND OVER (AS AT CENSUS, 1941) AND RATE PER 1,000 LIVE BIRTHS, ONTARIO, 1938-42

Incorporated Centres	DEATHS UNDER 1 YEAR					RATE PER 1,000 LIVE BIRTHS				
	1938	1939	1940	1941	1942	1938	1939	1940	1941	1942
Belleville.....	24	32	37	45	50	48.7	66.9	61.0	60.6	54.0
Brantford.....	33	38	24	38	34	56.5	62.1	36.4	48.0	36.7
Brockville.....	19	21	22	22	18	55.2	78.4	58.4	64.7	38.5
Chatham.....	59	32	41	48	28	77.2	41.5	46.1	46.8	26.9
Cornwall.....	29	35	42	52	45	47.4	56.6	63.8	80.5	61.2
Forest Hill.....	..	1	1	..	..	..	†	†	..	..
Fort William.....	21	24	27	36*	27	39.4	47.2	47.2	125.9*	41.4
Galt.....	14	10	14	13	13	43.6	35.3	40.1	33.7	30.3
Guelph.....	12	12	11	14	8	36.3	44.4	40.1	43.1	24.0
Hamilton.....	112	90	105	122	129	37.5	30.9	32.7	33.5	29.8
Kingston.....	50	40	40	61	63	66.2	51.1	45.5	56.5	51.9
Kitchener.....	46	29	33	35	44	57.8	37.5	37.0	32.1	35.8
London.....	72	80	67	71	60	45.4	49.2	36.2	35.8	28.6
Niagara Falls.....	17	15	16	25	20	40.4	36.3	32.9	40.6	27.7
North Bay.....	28	17	16	28	23	67.3	38.6	40.1	63.8	51.7
Oshawa.....	29	17	33	25	32	49.8	33.8	56.8	38.8	41.7
Ottawa.....	191	163	180	219	215	60.8	53.4	48.8	54.8	49.7
Owen Sound.....	17	23	21	22	23	46.7	65.5	56.1	51.6	48.1
Pembroke.....	26	19	21	34	29	100.0	57.8	64.8	69.2	56.4
Peterborough.....	31	33	32	29	50	44.3	46.8	44.4	32.9	47.8
Port Arthur.....	40	40	25	48	28	61.6	63.7	38.8	42.6	31.9
St. Catharines.....	33	31	24	27	36	51.5	43.8	32.3	28.5	33.1
St. Thomas.....	18	8	18	31	28	43.9	18.2	32.6	54.2	42.7
Sarnia.....	21	22	22	26	23	42.9	48.5	41.9	45.8	38.5
Sault Ste. Marie.....	37	31	35	37	44	59.2	51.5	52.2	46.4	51.2
Stratford.....	14	16	15	14	16	32.9	41.6	34.4	33.3	34.9
Sudbury.....	74	81	94	80	71	55.8	55.9	56.5	46.9	38.8
Timmins.....	57	51	50	44	31	65.3	57.4	49.3	45.9	30.7
Toronto.....	500	438	424	453	489	47.6	42.8	38.1	36.9	34.8
Welland.....	18	17	21	29	37	49.5	46.4	49.0	52.7	50.8
Windsor.....	79	76	88	87	145	35.6	35.5	36.9	31.1	45.3
Woodstock.....	14	14	17	17	5	49.5	50.5	49.3	55.6	12.5

*Maternity ward of McKellar Hospital at Fort William closed.

†Rates not computed because of small numbers.

Maternal Mortality

From Table K, it will be noted that a considerable reduction in the number of deaths of mothers during childbirth has taken place during the past 20 years, and particularly during the past 5 years, with the 1942 rate being considerably below the average of the last decade. In general, the reduction in the rate seems to be more apparent in younger than in older mothers, although in 1942, the latter group showed a marked decrease in the rate per 1,000 live births.

TABLE K—MATERNAL DEATHS, AND RATE PER 1,000 LIVE BIRTHS, BY AGE, ONTARIO, 1921-1942

Age at Death	AVERAGE				DEATHS										10-yr. Average 1933-1942
	1921-1925	1926-1930	1931-1935	1936-1940	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	
Total	385	397	345	290	346	348	313	355	319	251	276	254	219	206	290
Under 15.....	1	18	1	2	1	1	1	1	1	1	1	1	1	1	1
15-19.....	22	25	18	20	12	19	13	20	21	18	20	21	13	13	17
20-24.....	63	72	62	50	70	63	53	68	59	43	51	31	36	36	51
25-29.....	80	82	79	66	80	80	71	81	70	66	55	58	60	52	67
30-34.....	173	91	80	66	82	78	74	85	72	54	58	62	41	50	66
35-39.....		82	69	57	67	67	74	58	68	46	62	53	47	36	58
40-44.....	47	39	31	28	30	35	23	40	25	23	27	24	21	18	27
45 and over.....		5	5	3	3	5	4	3	3	1	3	5	1	1	3
RATE PER 1,000 LIVE BIRTHS (STATED AGES ONLY)															
Total	5.5	5.8	5.3	4.5	5.5	5.6	5.0	5.7	5.2	3.8	4.3	3.7	3.0	2.6	4.4
Under 15.....	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15-19.....	5.2	5.2	3.5	3.7	2.3	3.9	2.7	4.1	4.2	3.3	3.7	3.5	2.1	2.0	3.1
20-24.....	3.7	4.2	3.6	2.8	4.1	3.8	3.1	3.9	3.4	2.3	2.8	1.6	1.7	1.5	2.7
25-29.....	4.1	4.4	4.4	3.6	4.6	4.7	4.0	4.7	4.1	3.6	3.0	2.9	2.8	2.3	3.6
30-34.....	6.9	6.2	6.2	5.2	6.5	6.3	6.0	6.9	5.9	4.2	4.6	4.6	3.0	3.4	5.1
35-39.....		8.8	8.3	7.9	8.2	8.6	9.5	7.8	9.7	6.3	8.7	7.4	6.5	4.7	7.7
40-44.....	12.3	11.5	10.5	11.3	10.6	12.1	8.3	14.9	10.0	9.2	11.7	10.2	9.0	7.4	10.5
45 and over.....		16.2	17.7	13.9	11.1	17.4	15.2	14.6	13.3	*	12.9	24.8	*	*	13.1

*Rates not computed because of small numbers.

The tables which follow present the distribution of maternal deaths during 1942 by locality, as well as deaths of women not directly classified as due to pregnancy or child-birth, but which were associated therewith.

The rates shown in Table L are of special interest in that they indicate clearly not only the general downward trend in maternal mortality as between cities, towns and rural areas of the province but that the maternal mortality rates during the past three years have been somewhat higher in towns than in cities and lowest in rural communities, the rates for 1942 being 2.9 per 1,000 live births in cities, 3.1 in towns and only 2.0 in the rural areas. The rural rates have been consistently lower than those for the urbanized communities.

TABLE L—MATERNAL MORTALITY AND RATE PER 1,000 LIVE BIRTHS, CLASSIFIED BY CITIES, TOWNS AND RURAL AREAS, ONTARIO, 1933-1942

Year	LIVE BIRTHS				MATERNAL DEATHS				RATE PER 1,000 LIVE BIRTHS			
	Total	Cities	Towns	Rural	Total	Cities	Towns	Rural	Total	Cities	Towns	Rural
1933	63,646	31,107	4,114	28,425	346	203	25	118	5.4	6.5	6.1	4.2
1934	62,234	30,309	3,876	28,049	348	210	27	111	5.6	6.9	7.0	4.0
1935	63,069	31,700	3,943	27,426	313	246	24	43	5.0	7.8	6.1	1.6
1936	62,451	32,425	4,044	25,982	355	211	24	120	5.7	6.5	5.9	4.6
1937	61,645	32,420	4,164	25,051	319	195	30	94	5.2	6.0	7.2	3.8
1938	65,564	35,194	4,542	25,828	251	155	26	70	3.8	4.4	5.7	2.7
1939	64,123	34,780	4,557	24,780	276	179	22	75	4.3	5.1	4.8	3.0
1940	68,524	38,804	4,949	24,771	254	150	26	78	3.7	3.9	5.3	3.1
1941	72,262	42,875	5,502	23,885	219	141	20	58	3.0	3.3	3.6	2.4
1942	78,192	48,434	6,102	23,656	206	140	19	47	2.6	2.9	3.1	2.0

TABLE M—DEATHS OF WOMEN NOT CLASSIFIED TO PREGNANCY OR CHILD-BEARING BUT RETURNED AS ASSOCIATED THEREWITH, ONTARIO, 1942

Int. List No.	Causes of Death	Number
13b	Tuberculosis of the respiratory system	2
30d	Syphilis	1
33	Influenza	2
44b	Lymphogranulomatosis (Hodgkin's disease)	1
47b	Cancer of the lung	1
54	Cancer of the brain	1
58a	Acute rheumatic heart conditions	1
61	Diabetes mellitus	1
63b	Exophthalmic goitre	1
82	Diseases of the medulla and spinal cord	1
83a	Cerebral haemorrhage or effusion	1
84b	Mental disorders and deficiency (general paralysis of the insane excepted)	1
92a	Specified valvular diseases (rheumatic)	1
93d	Chronic myocarditis (non-rheumatic)	1
95b, c	Other diseases of the heart	2
108	Lobar pneumonia	1
109	Pneumonia (unspecified)	1
122b	Intestinal obstruction	2
131	Chronic nephritis	2
195d	Obstruction, suffocation or puncture by ingested objects	1
	TOTAL	25

General Mortality

Table N presents a historical summary of deaths by sex in the province and the computed crude death rates over a 20-year period while Chart 1 presents a graphic picture of the general trend in the rate.

Over the past two decades two main trends are apparent. From 1922 to the early 1930's the rate averaged close to 11 deaths per 1,000 population. Dropping rapidly in 1931 and 1932, it has since stabilized at about 10 deaths per year per 1,000 population.

The death rate among males has been consistently higher than that among females and there are indications that this divergence between the two rates has been widening during the past decade or more. During the past three years the male rate has been influenced, of course, by deaths among the Armed Forces.

TABLE N—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 1,000 POPULATION, ONTARIO, 1922-1942

Year	DEATHS			RATE PER 1,000 POPULATION		
	Total	Male	Female	Total	Male	Female
1922.....	34,034	17,726	16,308	11.4	11.8	11.1
1923.....	35,636	18,452	17,184	11.8	12.1	11.5
1924.....	33,078	17,153	15,925	10.8	11.1	10.6
1925.....	33,960	17,583	16,377	10.9	11.1	10.7
1926.....	35,909	18,721	17,188	11.3	11.7	11.0
1927.....	34,775	18,305	16,470	10.8	11.2	10.4
1928.....	37,128	19,457	17,671	11.3	11.7	11.0
1929.....	38,123	20,281	17,842	11.4	12.0	10.9
1930.....	37,313	19,827	17,486	11.0	11.5	10.5
1931.....	35,705	19,137	16,568	10.4	10.9	9.8
1932.....	36,469	19,196	17,273	10.5	10.8	10.1
1933.....	35,301	18,489	16,812	9.9	10.2	9.6
1934.....	35,119	18,731	16,388	9.7	10.1	9.2
1935.....	36,317	19,281	17,036	9.9	10.3	9.4
1936.....	37,571	19,916	17,655	10.2	10.6	9.7
1937.....	38,475	20,690	17,785	10.4	11.0	9.7
1938.....	36,890	19,814	17,076	9.9	10.5	9.3
1939.....	37,530	20,310	17,220	10.0	10.7	9.3
1940.....	38,503	20,923	17,580	10.2	11.0	9.5
1941.....	39,226	21,549	17,677	10.4	11.2	9.5
1942.....	39,119	21,349	17,770	10.2	11.0	9.4

Table O presents both male and female crude death rates for each 5-year age-group, based on the population as enumerated at the censuses of 1921, 1931 and 1941 and as estimated for the year 1942. There are several features with respect to changing death rates which are worthy of comment, notable among which is the remarkable decrease in the death rate of children under 5 from 31.8 and 24.8 in 1921, to 13.6 and 10.5 in 1942, for males and females, respectively. Similar declines are apparent in the other age-groups up to middle life. After middle life an increase in the rate will be noted. In other words, the life expectancy of the population has been greatly increased over the past 20 years, with a larger proportion of deaths now occurring at the older ages than was formerly the case.

This latter fact is clearly portrayed in Chart 4 which depicts the percentage of deaths occurring in each age-group of the population.

TABLE O—DEATH RATES PER 1,000 POPULATION FOR EACH SEX AND AGE-GROUP, 1921, 1931, 1941 AND 1942

Age-Group	MALES				FEMALES			
	1921	1931	1941	1942	1921	1931	1941	1942
Total	12.2	10.9	11.2	11.0	11.4	9.8	9.5	9.4
Under 5.....	31.8	21.2	14.8	13.6	24.8	17.0	11.3	10.5
5-9.....	3.3	1.8	1.3	1.1	2.7	1.2	0.9	0.7
10-14.....	1.9	1.4	1.2	0.9	2.0	1.3	0.7	0.7
5-14	2.6	1.6	1.2	1.0	2.4	1.2	0.8	0.7
0-14	12.6	7.9	5.6	5.2	10.0	6.3	4.2	3.9
15-19.....	3.1	2.2	1.7	1.8	2.4	1.7	1.0	1.1
20-24.....	3.7	2.9	2.3	2.3	3.5	2.9	1.4	1.4
25-29.....	4.3	3.6	2.2	1.9	4.3	3.0	1.7	1.9
15-29	3.7	2.8	2.1	2.0	3.4	2.5	1.3	1.4
30-34.....	4.1	3.7	2.4	2.2	4.4	3.4	2.0	2.1
35-39.....	4.9	3.9	3.5	3.0	5.6	4.5	2.8	2.8
40-44.....	6.0	5.4	4.8	4.7	6.2	4.5	3.8	3.4
30-44	4.9	4.3	3.5	3.3	5.4	4.1	2.8	2.8
45-49.....	7.0	7.8	7.1	6.6	7.5	6.4	5.6	5.4
50-54.....	10.5	11.2	11.6	11.6	10.4	8.7	7.7	7.7
55-59.....	15.9	16.8	16.6	17.1	14.0	13.3	12.2	12.8
45-59	10.6	11.3	11.4	11.4	10.2	9.0	8.2	8.3
60-64.....	23.2	23.7	26.1	25.7	20.9	20.4	18.0	18.6
65-69.....	34.3	38.1	38.4	39.2	34.7	30.3	30.0	28.8
70-74.....	61.0	56.2	59.5	58.3	57.0	48.4	47.1	45.8
60-74	35.2	36.7	38.1	37.9	33.5	31.0	29.2	28.8
75-79.....	93.9	92.9	97.8	95.0	89.1	88.3	79.8	78.6
80-84.....	138.5	143.0	147.5	142.6	133.8	132.4	132.4	127.9
85-89.....	215.2	223.5	230.2	214.9	210.8	197.9	201.1	210.5
90 and over.....	305.3	327.6	343.2	331.8	337.0	317.1	320.0	317.3
75 and over	128.9	127.0	133.7	128.6	128.0	122.6	118.2	117.1

The Ten Leading Causes of Death

In Table P it will be seen that during the past 10-year period diseases of the heart, cancer, diseases of the arteries, and accidental causes have ranked in this order as the main causes of death in Ontario, except for the period 1936 to 1940, when diseases of the arteries ranked second and cancer ranked third. In 1941 nephritis moved to 5th place from 6th, and intracranial lesions of vascular origin to 6th from about 9th place. Pneumonia, on the other hand, has dropped from 5th to 7th place, diseases peculiar to the first year of life from 7th to 8th, and tuberculosis from 8th to 9th place. In 1940, diabetes displaced influenza and diarrhoea and enteritis as the 10th main cause of death.

In 1942 diseases of the heart accounted for almost 31 of every 100 deaths, with a rate of 315.5 per 100,000 population. Cancer and diabetes rates have also

shown considerable upward trends over the past 10 years. In 1942 diseases of the heart and arteries and cancer together accounted for over half of the deaths in the province.

Chart 4

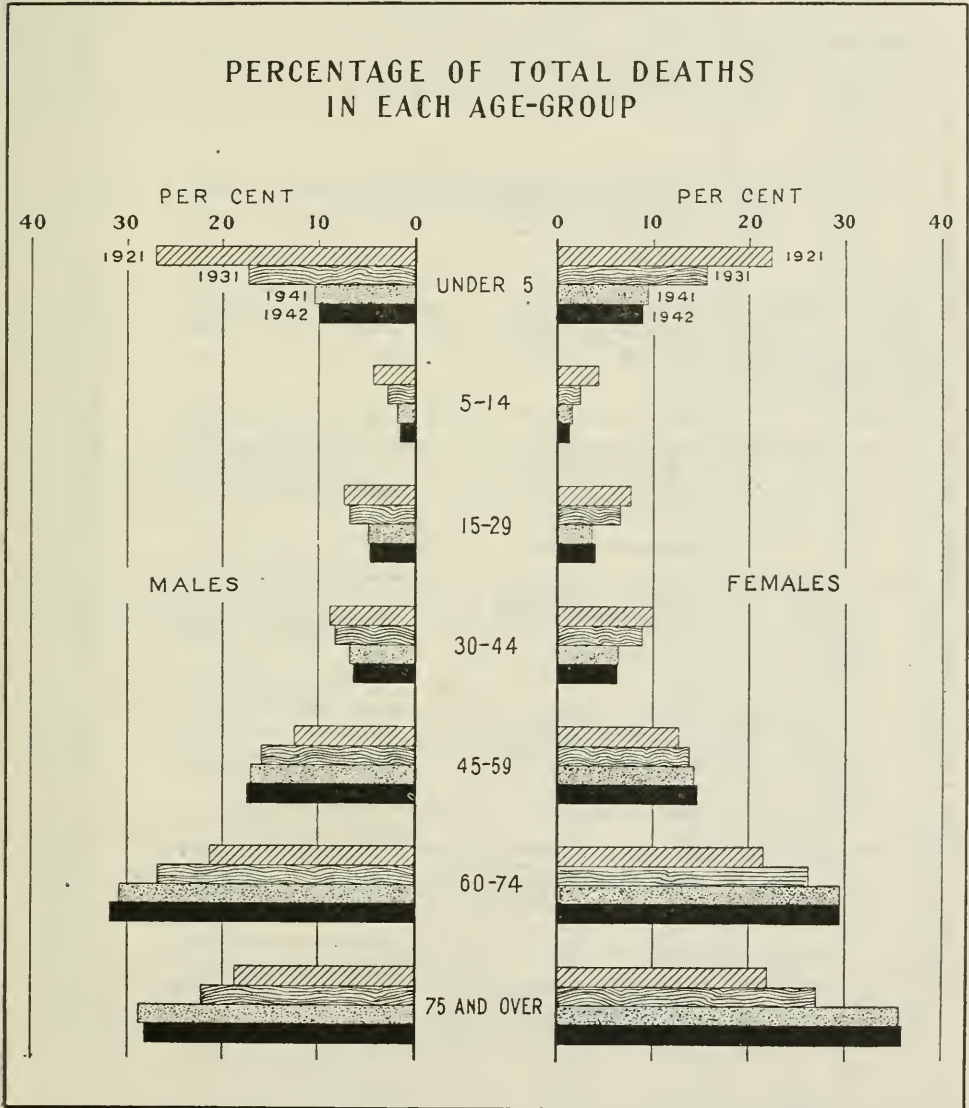


TABLE P—THE TEN LEADING CAUSES OF DEATH IN ONTARIO, 1933-1942.

Year	Diseases of the heart		Cancer (all forms)		Diseases of the arteries		Violent or accidental deaths		Nephritis		Intracranial Lesions of vascular origin		Pneumonia (all forms)		Diseases peculiar to the first year of life		Tuberculosis (all forms)		Diabetes mellitus			
	Rank	No. of deaths	Rank	No. of deaths	Rank	No. of deaths	Rank	No. of deaths	Rank	No. of deaths	Rank	No. of deaths	Rank	No. of deaths	Rank	No. of deaths	Rank	No. of deaths	Rank	No. of deaths	Rank	No. of deaths
1933	1	6,619	2	4,044	3	3,574	4	2,278	7	1,754	9	1,262	5	2,175	6	1,813	8	1,465	12	517		
1934	1	7,066	2	4,034	3	3,793	4	2,535	6	1,700	9	1,229	5	2,145	7	1,660	8	1,337	12	522		
1935	1	7,053	2	4,214	3	4,109	4	2,672	6	1,848	9	1,025	5	2,417	7	1,801	8	1,303	11	524		
1936	1	7,053	3	4,441	2	4,621	4	3,294	6	1,892	9	839	5	2,520	7	1,637	8	1,327	11	566		
1937	1	7,226	3	4,547	2	4,633	4	2,851	6	1,946	10	770	5	2,595	8	1,618	9	1,315	11	579		
1938	1	7,354	3	4,472	2	4,745	4	2,754	6	1,900	9	790	5	2,495	7	1,625	8	1,237	11	584		
1939	1	7,705	3	4,567	2	5,189	4	2,718	6	1,889	10	814	5	2,174	7	1,504	9	1,085	11	657		
1940	1	8,546	3	4,847	2	5,769	4	2,926	6	1,958	9	901	5	1,977	7	1,529	8	1,011	10	691		
1941	1	11,676	2	4,931	4	3,107	3	3,305	5	2,007	6	1,772	7	1,676	8	1,552	9	1,100	10	872		
1942	1	12,069	2	5,005	3	3,106	4	3,069	5	1,957	6	1,832	7	1,798	8	1,437	9	1,093	10	914		
	p.c. (1)	Rate (2)	p.c. (1)	Rate (2)	p.c. (1)	Rate (2)	p.c. (1)	Rate (2)	p.c. (1)	Rate (2)	p.c. (1)	Rate (2)	p.c. (1)	Rate (2)	p.c. (1)	Rate (2)	p.c. (1)	Rate (2)	p.c. (1)	Rate (2)	p.c. (1)	Rate (2)
1933	18.8	185.7	11.5	113.5	10.1	100.3	6.5	63.9	5.0	49.2	3.6	35.4	6.2	61.0	5.1	50.9	4.2	41.1	1.5	14.5		
1934	20.1	194.7	11.5	111.2	10.8	104.5	7.2	69.9	4.8	46.8	3.5	33.9	6.1	59.1	4.7	45.7	3.8	36.8	1.5	14.4		
1935	19.4	192.0	11.6	114.7	11.3	111.9	7.4	72.7	5.1	50.3	2.8	27.9	6.7	65.8	5.0	49.0	3.6	35.5	1.4	14.3		
1936	18.8	191.2	11.8	120.4	12.3	125.3	8.8	89.3	5.0	51.3	2.2	22.7	6.7	68.3	4.4	44.4	3.5	36.0	1.5	15.3		
1937	18.8	194.7	11.8	122.5	12.0	124.8	7.4	76.8	5.1	52.4	2.0	20.7	6.7	69.9	4.4	43.6	3.4	35.4	1.5	15.6		
1938	19.9	197.1	12.1	119.9	12.9	127.2	7.5	73.8	5.2	50.9	2.1	21.2	6.8	66.9	4.4	43.6	3.4	33.2	1.6	15.7		
1939	20.5	205.4	12.2	121.7	13.8	138.3	7.2	72.4	5.0	50.3	2.2	21.7	5.8	57.9	4.0	40.1	2.9	28.9	1.8	17.5		
1940	22.2	227.1	12.6	128.8	15.0	153.3	7.6	77.8	5.1	52.0	2.3	23.9	5.1	52.5	4.0	40.6	2.6	26.9	1.8	18.4		
1941	29.8	308.3	12.6	130.2	7.9	82.0	8.4	87.3	5.1	53.0	2.5	26.8	4.3	44.2	4.0	41.0	2.8	29.0	2.2	23.0		
1942	30.9	315.5	12.8	130.8	7.9	81.2	7.8	80.2	5.0	51.2	4.7	47.9	4.6	47.0	3.7	37.6	2.8	28.6	2.3	23.9		

(1) Per cent of total deaths.

(2) Rate per 100,000 population.

Note: It should be noted that the effects of certain changes in classification and rearrangement of titles provided in the Fifth Revision of the International List of Causes of Death are apparent in the following: Tuberculosis, Diseases of the heart, Diseases peculiar to the first year of life, Diseases of the arteries and intracranial lesions of vascular origin.

The Four Chief Causes of Death in each Age-Group

Table Q shows the four primary causes of death in each age-group for 1942. In brief, it will be seen that accidents, or other violent causes, are the main cause of death of persons from 1 to 39 years of age. From 5 to almost 39 years of age tuberculosis was the second chief cause of death. Diseases of the heart affect those in the late 20's and after 40 years of age increase with age as the chief cause of death. Cancer does not appear as a main cause of death till the late 30's, increasing with age and particularly affecting persons in their 60's, then decreasing from that point as a primary cause of death. In general, diseases of the heart and arteries, cancer, intracranial lesions of vascular origin and nephritis are the primary causes of death of persons over 50 years of age.

TABLE Q—THE FOUR CHIEF CAUSES OF DEATH IN THE DIFFERENT AGE-GROUPS, ONTARIO, 1942

Int. List Number	Age-group and Cause of Death	Deaths in Age-groups by Cause of Death	Per Cent of Deaths in Age-groups due to Specified Causes	Deaths from Specified Causes at all Ages	Per Cent of Deaths at all Ages from Specified Causes
	Under 1 year, total	3,139	67.9		
159	Premature birth.....	819	26.1	819	100.0
157	Congenital malformations.....	583	18.6	675	86.4
106-109	Pneumonia and bronchitis.....	407	13.0	1,905	21.4
160	Injury at birth.....	319	10.2	319	100.0
	1-4 years, total	571	56.9		
163-198	Violent or accidental deaths.....	156	27.3	3,069	5.1
106-109	Pneumonia and bronchitis.....	95	16.6	1,905	5.0
157	Congenital malformations.....	38	6.7	675	5.6
119-120	Diarrhoea and enteritis.....	36	6.3	343	10.5
	5-9 years, total	272	58.1		
163-198	Violent or accidental deaths.....	99	36.4	3,069	3.2
13- 22	Tuberculosis.....	23	8.5	1,093	2.1
106-109	Pneumonia and bronchitis.....	21	7.7	1,905	1.1
157	Congenital malformations.....	15	5.5	675	2.2
	10-19 years, total	741	55.0		
163-198	Violent or accidental deaths.....	246	33.2	3,069	8.0
13- 22	Tuberculosis.....	84	11.3	1,093	7.7
90- 95	Diseases of the heart.....	43	5.8	12,069	0.4
106-109	Pneumonia and bronchitis.....	35	4.7	1,905	1.8
	20-29 years, total	1,203	68.6		
163-198	Violent or accidental deaths.....	436	36.2	3,069	14.2
13- 22	Tuberculosis.....	215	17.9	1,093	19.7
140-150	Diseases of pregnancy.....	88	7.3	206	42.7
90- 95	Diseases of the heart.....	87	7.2	12,069	0.7
	30-39 years, total	1,421	57.9		
163-198	Violent or accidental deaths.....	264	18.6	3,069	8.6
90- 95	Diseases of the heart.....	220	15.5	12,069	1.8
13- 22	Tuberculosis.....	196	13.8	1,093	17.9
45- 55	Cancer.....	142	10.0	5,005	2.8
	40-49 years, total	2,458	63.0		
90- 95	Diseases of the heart.....	624	25.4	12,069	5.2
45- 55	Cancer.....	480	19.5	5,005	9.6
163-198	Violent or accidental deaths.....	289	11.8	3,069	9.4
13- 22	Tuberculosis.....	156	6.3	1,093	14.3

TABLE Q—THE FOUR CHIEF CAUSES OF DEATH IN THE DIFFERENT AGE-GROUPS, ONTARIO, 1942—Continued

Int. List Number	Age-group and Cause of Death	Deaths in Age-groups by Cause of Death	Per Cent of Deaths in Age-groups due to Specified Causes	Deaths from Specified Causes at all Ages	Per Cent of Deaths at all Ages from Specified Causes
	50-59 years, total	4,902	64.2		
90- 95	Diseases of the heart.....	1,581	32.3	12,069	13.1
45- 55	Cancer.....	973	19.8	5,005	19.4
163-198	Violent or accidental deaths.....	315	6.4	3,069	10.3
83 a-d	Intracranial lesions of vascular origin.....	279	5.7	1,832	15.2
	60-69 years, total	7,455	68.5		
90- 95	Diseases of the heart.....	2,788	37.4	12,069	23.1
45- 55	Cancer.....	1,405	18.8	5,005	28.1
83e,96,97, 99, 102	Diseases of the arteries (coronary excepted).....	508	6.8	3,106	16.4
83 a-d	Intracranial lesions of vascular origin.....	407	5.5	1,832	22.2
	70-79 years, total	9,400	71.6		
90- 95	Diseases of the heart.....	3,789	40.3	12,069	31.4
45- 55	Cancer.....	1,250	13.3	5,005	25.0
83e,96,97, 99, 102	Diseases of the arteries (coronary excepted).....	1,111	11.8	3,106	35.8
130-132	Nephritis.....	580	6.2	1,957	29.6
	80-89 years, total	6,459	71.0		
90- 95	Diseases of the heart.....	2,520	39.0	12,069	20.9
83e,96,97, 99, 102	Diseases of the arteries (coronary excepted).....	1,059	16.4	3,106	34.1
45- 55	Cancer.....	620	9.6	5,005	12.4
130-132	Nephritis.....	390	6.0	1,957	19.9

Mortality from Notifiable Diseases

A summary of deaths and death rates from notifiable diseases is shown in Tables R (1) and R (2) for the last 10-year period. The 1942 figures were consistently lower than those for the previous year for all diseases except chickenpox. In general, from 1933 to 1942 deaths from diphtheria, erysipelas, scarlet fever and typhoid fever have been on a general downward trend. Deaths from influenza have shown a decided decline except for minor epidemics in 1937 and 1939. Deaths from poliomyelitis have shown the same trend except for the year 1937, as well as those from whooping cough except for the year 1941. Deaths from tuberculosis are discussed in detail in the section to follow.

TABLE R (1)—DEATHS FROM NOTIFIABLE DISEASES, ONTARIO, 1933-1942.

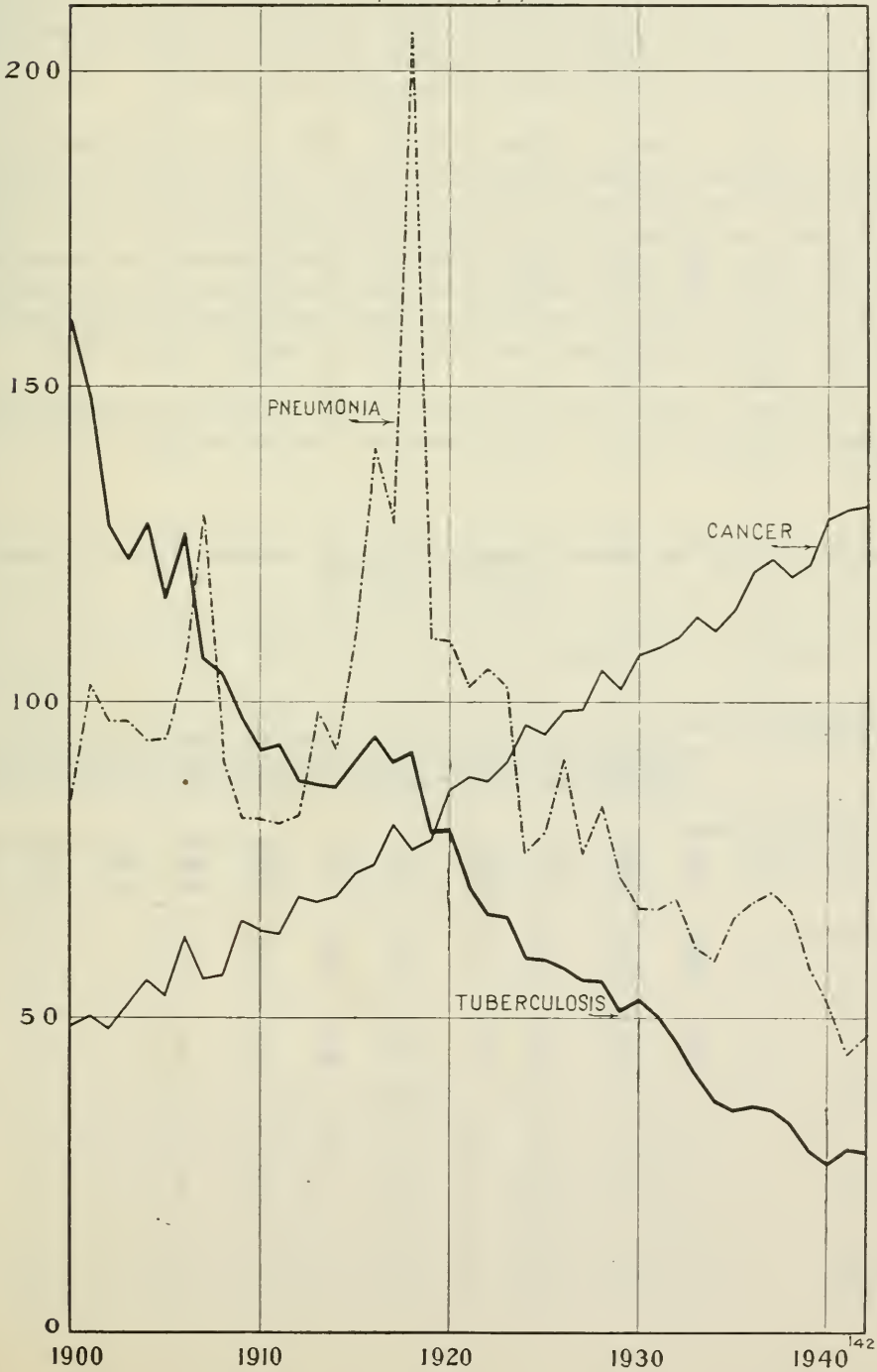
Cause of Death	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
	Number									
Actinomycosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Anthrax.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Botulism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chickenpox.....	10	11	6	6	5	3	4	7	2	5
Cholera (Asiatic).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Conjunctivitis (ophthalmia neonatorum).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria.....	40	23	33	31	30	11	13	14	14	14
Dysentery.....	42	57	29	34	38	36	27	21	37	34
Encephalitis (infectious).....	30	16	24	15	15	14	15	17	25	22
Erysipelas.....	63	74	74	81	47	34	25	28	15	6
Glanders.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Influenza (epidemic).....	1,240	580	958	722	1,659	618	1,190	611	465	273
Jaundice (infectious).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leprosy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malaria.....	2	.....	.....	1	2	3	1	1	.....	1
Measles.....	37	5	89	84	30	31	44	31	43	9
Meningitis (meningococcal).....	27	13	24	20	17	16	18	30	60	34
Paratyphoid fever.....	4	2	.....	3	4	4	3	1	5	4
Plague.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Poliomyelitis.....	15	39	14	23	119	25	23	14	10	12
Psittacosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal septicaemia.....	80	69	49	85	65	50	50	35	52	41
Rabies.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rocky Mountain spotted fever.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rubella (German measles).....	.....	1	1	3	.....	.....	.....	.....	2	.....
Scarlet fever.....	43	58	57	79	50	49	53	31	38	31
Septic Sore Throat (epidemic).....	.....	.....	.....	.....	.....	.....	.....	.....	81	28
Smallpox.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tick paralysis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trachoma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trichinosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuberculosis.....	1,465	1,337	1,303	1,327	1,315	1,237	1,085	1,011	1,100	1,093
(a) Pulmonary.....	1,241	1,144	1,097	1,109	1,149	1,070	936	846	968	955
(b) Non-pulmonary.....	224	193	206	218	166	167	149	165	132	138
Tularaemia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Typhoid fever.....	47	47	39	40	35	35	16	26	18	10
Typhus fever.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Undulant fever.....	2	3	5	2	6	2	2	3	2	3
Vincent's angina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whooping cough.....	119	178	144	112	104	88	75	69	100	62
Yellow fever.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

NOTE.—Previous to 1941 deaths from Septic Sore Throat were not tabulated separately.

Mortality from Tuberculosis

Chart 5

DEATHS FROM
TUBERCULOSIS, CANCER AND PNEUMONIA
ONTARIO, 1900-42
Rates per 100,000 population



Tables S (1) and S (2) show the deaths from all forms of tuberculosis in the province from 1933 to 1942 as well as death rates per 100,000 population classified by the age of the decedents. There have been two main trends in the total numbers of those dying from tuberculosis; namely, a gradual decline from 1,465 deaths in 1933 to 1,237 in 1938, followed by a levelling off during the past four years with an average of 1,072 deaths per year. The death rate, on the other hand, has shown a steady decline from 41.1 per 100,000 population in 1933 to 26.9 in 1940 followed by slightly increased rates of 29.0 and 28.6 in 1941 and 1942, respectively. Chart 5 illustrates the decided reduction in mortality from tuberculosis which has taken place since the beginning of the century.

The largest number of deaths occurred, in 1942, in the age-groups 50 to 69 followed by those in the 20's and early 30's. Since 1933 there has been a remarkable decline in the total number of deaths in younger age-groups whereas deaths in the older age-groups have not declined appreciably since 1933. The rates, however, in the ages approaching middle life, in all instances have been either more than halved or greatly reduced. Although the number of deaths of children under four years of age has always been relatively small, since 1933 there has been a drastic reduction in the death rate among this group of the population.

Table 48, in Part II of this report, gives details of deaths and death rates for counties, according to place of occurrence and place of residence, for the year 1942.

TABLE S (1)—DEATHS FROM TUBERCULOSIS (ALL FORMS), BY AGE AND SEX, ONTARIO, 1933-1942

Age-group	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Total Deaths from all causes*.....	35,301	35,119	36,317	37,571	38,475	36,890	37,530	38,503	39,226	39,119
M.	18,489	18,731	19,281	19,916	20,690	19,814	20,310	20,923	21,549	21,349
F.	16,812	16,388	17,036	17,655	17,785	17,076	17,220	17,580	17,677	17,770
Total Deaths from Tuberculosis*.....	1,465	1,337	1,303	1,327	1,315	1,236	1,085	1,011	1,100	1,093
M.	741	720	708	749	741	678	625	570	642	627
F.	724	617	595	578	574	559	460	441	458	466
Under 1 year.....	23	14	15	12	19	17	12	9	16	9
M.	13	6	11	11	10	10	7	3	9	6
F.	10	8	4	1	9	7	5	6	7	3
1 year.....	28	13	17	24	12	16	7	13	13	7
M.	18	6	10	17	6	7	3	8	3	7
F.	10	7	7	7	6	9	4	5	10	5
2 years.....	15	8	12	14	17	8	6	4	6	12
M.	9	5	2	7	7	4	4	2	5	4
F.	6	3	10	7	10	4	2	2	1	8
3 years.....	10	14	13	11	6	10	5	5	3	3
M.	7	7	8	10	3	3	1	2	2	1
F.	3	7	5	1	3	7	4	3	1	2
4 years.....	10	5	5	5	4	8	8	6	10	4
M.	8	4	3	3	1	4	3	3	4	3
F.	2	1	2	2	3	4	5	3	6	1

TABLE S (1)—DEATHS FROM TUBERCULOSIS (ALL FORMS), BY AGE AND SEX, ONTARIO, 1933-1942—Continued

Age-group	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
5-9 years.....	30	29	35	37	27	24	20	20	15	23
M.	16	14	16	24	13	9	11	15	8	12
F.	14	15	19	13	14	15	9	5	7	11
10-14 years.....	32	23	36	28	28	29	23	21	41	18
M.	13	10	20	13	11	11	8	4	11	7
F.	19	13	16	15	17	18	15	17	30	11
15-19 years.....	101	93	88	93	72	76	64	64	64	66
M.	36	27	35	37	29	28	24	33	30	26
F.	65	66	53	56	43	48	40	31	34	40
20-24 years.....	192	147	133	146	162	122	93	87	87	106
M.	73	62	46	60	61	50	43	36	32	47
F.	119	85	87	86	101	72	50	51	55	59
25-29 years.....	183	160	131	139	137	124	118	98	102	109
M.	70	79	53	57	56	54	52	34	42	46
F.	113	81	78	82	81	70	66	64	60	63
30-34 years.....	132	141	123	120	111	123	105	88	88	112
M.	70	67	61	60	62	67	50	42	43	64
F.	62	74	62	60	49	56	55	46	45	48
35-39 years.....	127	119	107	121	119	102	90	87	84	84
M.	72	78	60	76	71	69	53	52	51	47
F.	55	41	47	45	48	33	37	35	33	37
40-44 years.....	106	100	128	99	98	92	84	84	100	90
M.	60	64	85	64	64	54	57	55	66	57
F.	46	36	43	35	34	38	27	29	34	33
45-49 years.....	117	102	77	103	103	107	60	71	90	66
M.	67	63	50	64	79	69	39	51	62	43
F.	50	39	27	39	24	38	21	20	28	23
50-59 years.....	168	149	186	168	177	160	173	152	158	167
M.	109	101	126	123	136	108	133	109	121	134
F.	59	48	60	45	41	52	40	43	37	33
60-69 years.....	111	135	114	129	132	131	131	127	139	123
M.	62	85	75	80	87	82	87	80	103	79
F.	49	50	39	49	45	49	44	47	36	44
70-79 years.....	68	73	70	65	74	75	72	61	69	79
M.	32	39	40	38	39	42	42	35	41	40
F.	36	34	30	27	35	33	30	26	28	39
80 years and over.....	11	11	12	13	16	11	13	14	15	14
M.	6	2	6	5	5	5	7	6	9	8
F.	5	9	6	8	11	6	6	8	6	6

*Totals include deaths where age was not stated.

TABLE S (2)—DEATH RATES PER 100,000 POPULATION FROM TUBERCULOSIS, BY AGE, ONTARIO, 1933-1942

Age-group	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Total deaths from all causes.....	990.5	967.7	988.8	1018.5	1036.8	988.7	1000.3	1023.2	1035.6	1022.7
Deaths from tuberculosis.....	41.1	36.8	35.5	36.0	35.4	33.2	28.9	26.9	29.0	28.6
Under 1 year.....	38.4	23.0	24.5	19.1	30.0	26.7	18.8	14.0	26.9	12.5
1 year.....	46.2	21.3	27.5	37.9	18.9	25.0	10.9	20.1	23.3	12.5
2 years.....	23.3	12.3	18.2	20.7	25.0	11.7	8.7	5.8	9.4	21.6
3 years.....	15.3	21.1	19.4	16.0	8.7	14.4	7.2	7.1	5.0	4.7
4 years.....	15.3	7.6	7.5	7.3	5.8	11.6	11.5	8.6	17.1	6.6
5-9 years.....	8.8	8.4	10.0	10.3	7.5	6.6	5.5	5.5	5.0	7.7
10-14 years.....	9.8	7.0	10.8	8.2	8.1	8.4	6.6	6.0	12.6	5.6
15-19 years.....	30.9	28.1	26.3	27.1	20.9	21.9	18.4	18.3	18.9	19.5
20-24 years.....	64.2	48.6	43.6	46.6	51.5	38.5	29.2	27.3	26.9	32.4
25-29 years.....	67.4	58.2	47.2	48.8	47.9	43.1	40.8	33.8	32.3	34.3
30-34 years.....	51.0	53.9	46.5	44.3	40.7	44.9	38.1	31.8	30.7	38.3
35-39 years.....	50.1	46.5	41.4	45.6	44.6	38.0	33.4	32.2	31.3	31.0
40-44 years.....	45.2	42.1	53.4	40.3	39.6	37.0	33.6	33.5	39.9	35.5
45-49 years.....	55.2	47.6	35.6	46.5	46.2	47.7	26.6	31.4	38.7	28.1
50-59 years.....	52.0	45.6	56.4	49.6	52.0	46.8	50.3	44.0	39.9	41.4
60-69 years.....	52.1	62.6	52.4	57.8	58.8	58.1	57.7	55.8	52.3	45.1
70-79 years.....	59.2	63.0	59.7	54.2	61.3	61.8	59.0	49.8	48.9	54.9
80 years and over....	35.9	35.6	38.4	40.6	49.7	34.0	39.9	42.8	34.2	31.3

Mortality from Cancer

As illustrated in Tables T (1) and T (2), and in contra-distinction to tuberculosis mortality, the total number of deaths from cancer has been generally increasing since 1933. This has been more or less apparent in each age-group and particularly so among older persons. In addition, the general cancer death rate has been rising over the past decade, standing at 130.8 deaths per 100,000 population in 1942, as compared with 130.2 in 1941 and 113.5 in 1933. Chart 5 illustrates the steady upward trend in the mortality rate from cancer since the beginning of the century.

Cancer is definitely a disease of old age, beginning its ravages in the late 30's or early 40's and increasing rapidly with age. Any reduction in the death rate which has taken place during the past decade has been in the younger age-groups of the population.

TABLE T (1)—DEATHS FROM CANCER, BY AGE AND SEX, ONTARIO, 1933-1942

Age-group	1933	1934	1935	1936	1937	1938	1938	1940	1941	1942
Deaths from all causes*	35,301	35,119	36,317	37,571	38,475	36,890	37,530	38,503	39,226	39,119
M.	18,489	18,731	19,281	19,916	20,690	19,814	20,310	20,923	21,549	21,349
F.	16,812	16,388	17,036	17,655	17,785	17,076	17,220	17,580	17,677	17,770
Deaths from Cancer*	4,044	4,034	4,214	4,441	4,547	4,472	4,567	4,847	4,931	5,005
M.	1,859	1,885	1,952	2,050	2,173	2,083	2,171	2,303	2,367	2,384
F.	2,185	2,149	2,262	2,391	2,374	2,389	2,396	2,544	2,564	2,621

TABLE T (1)—DEATHS FROM CANCER, BY AGE AND SEX, ONTARIO, 1933-1942—
Continued

Age-group	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Under 5 years.....	20	14	9	16	17	11	13	11	16	16
M.	10	9	4	10	11	5	12	6	10	7
F.	10	5	5	6	6	6	1	5	6	9
5-14 years.	23	12	19	10	16	22	19	12	14	16
M.	15	6	9	7	9	10	13	4	11	8
F.	8	6	10	3	7	12	6	8	3	8
15-24 years.	24	27	29	28	30	32	26	33	34	32
M.	13	16	18	10	16	16	14	27	18	20
F.	11	11	11	18	14	16	12	6	16	12
25-34 years.	72	85	97	69	90	91	76	80	76	63
M.	24	35	30	28	32	34	26	28	32	22
F.	48	50	67	41	58	57	50	52	44	41
35-44 years.	258	246	253	276	271	282	241	292	302	284
M.	86	74	80	86	105	88	76	93	112	90
F.	172	172	173	190	166	194	165	199	190	194
45-49 years.	269	225	266	256	270	273	258	283	282	299
M.	93	82	103	83	108	99	101	105	103	101
F.	176	143	163	173	162	174	157	178	179	198
50-54 years.	348	376	374	384	404	369	400	447	402	400
M.	132	142	145	162	167	154	173	176	167	175
F.	216	234	229	222	237	215	227	271	235	225
55-59 years.	401	417	458	464	477	476	493	564	543	573
M.	174	188	201	202	219	186	227	276	242	257
F.	227	229	257	262	258	290	266	288	301	316
60-64 years.	512	534	537	540	574	528	588	586	613	658
M.	237	254	269	238	300	262	280	296	311	341
F.	275	280	268	302	274	266	308	290	302	317
65-69 years.	612	559	588	646	624	653	623	672	699	747
M.	318	296	294	326	319	333	308	342	340	402
F.	294	263	294	320	305	320	315	330	359	345
70-74 years.	646	647	616	644	669	651	677	696	688	664
M.	325	326	293	338	332	329	357	357	379	344
F.	321	321	323	306	337	322	320	339	309	320
75-79 years.	449	481	517	595	604	584	601	602	631	586
M.	231	255	275	295	297	315	303	299	312	289
F.	218	226	242	300	307	269	298	303	319	297
80-84 years.	277	270	310	344	333	328	356	374	420	419
M.	134	140	175	182	183	168	186	204	223	204
F.	143	130	135	162	150	160	170	170	197	215
85-89 years.	102	103	119	131	132	146	150	149	176	201
M.	52	44	48	63	61	74	74	71	92	102
F.	50	59	71	68	71	72	76	78	84	99
90-94 years.	23	33	19	34	33	17	37	33	33	36
M.	10	15	7	18	13	6	15	13	14	18
F.	13	18	12	16	20	11	22	20	19	18
95 and over.	7	5	3	4	2	9	6	11	2	10
M.	5	3	1	2	.....	4	3	4	1	3
F.	2	2	2	2	2	5	3	7	1	7

*Total includes deaths where age was not stated, as follows: 1933, 1 female; 1937, 1 male; 1939, 3 males; 1940, 2 males and 1942, 1 male.

TABLE T (2)—DEATH RATES PER 100,000 POPULATION FROM CANCER,
BY AGE, ONTARIO, 1933-1942

Age-group	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Deaths from all causes.....	990.5	967.7	988.8	1018.5	1036.8	988.7	1000.3	1023.2	1035.6	1022.7
Deaths from Cancer	113.5	111.2	114.7	120.4	122.5	119.9	121.7	128.8	130.2	130.8
Under 5 years.....	6.3	4.4	2.8	4.8	5.1	3.3	3.9	3.3	5.4	5.2
5-14 years.....	3.4	1.8	2.8	1.4	2.3	3.1	2.7	1.7	2.2	2.6
15-24 ".....	3.8	4.3	4.5	4.3	4.5	4.8	3.9	4.9	5.1	4.8
25-34 ".....	13.6	15.8	17.9	12.4	16.1	16.2	13.5	14.1	12.6	10.3
35-44 ".....	52.9	49.8	50.8	54.0	52.7	54.6	46.4	56.0	58.2	54.2
45-49 ".....	127.0	105.1	123.1	115.5	121.1	121.8	114.5	125.2	121.2	127.2
50-54 ".....	190.6	203.9	200.8	201.0	210.3	191.1	206.0	229.5	187.8	184.5
55-59 ".....	285.2	292.9	319.2	314.8	321.7	319.3	328.9	375.1	298.8	307.3
60-64 ".....	433.7	447.5	445.8	437.0	461.8	422.6	467.9	465.0	409.7	429.5
65-69 ".....	643.2	581.3	605.6	648.1	623.0	648.6	614.6	661.7	600.8	626.1
70-74 ".....	877.1	871.5	819.6	836.8	865.1	837.4	865.1	887.5	801.0	758.2
75-79 ".....	1089.0	1154.6	1228.8	1383.8	1392.0	1338.7	1374.7	1368.2	1142.4	1040.5
80 and over.....	1334.0	1328.5	1441.6	1602.9	1551.7	1543.4	1685.1	1735.0	1438.6	1488.7

The number of deaths from cancer classified by sites affected is given in Table U for the period 1933 to 1942. Cancer of the digestive organs and peritoneum accounts for almost half of the deaths from this disease, with an increase of 18.6 per cent in the number of deaths occurring in this group since 1933. The number of deaths from cancer of the male and female genital and urinary organs has increased over 25 per cent since 1933, cancer of the breast 38 per cent, while cancer of the respiratory organs has more than doubled during the same period.

TABLE U—DEATHS, AND DEATH RATES PER 100,000 POPULATION,
FROM CANCER, CLASSIFIED BY SITES AFFECTED, 1933-1942

Site (Int. List Nos. 45-55) (5th Revision)	DEATHS									
	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Total Deaths.....	4,044	4,034	4,214	4,441	4,547	4,472	4,567	4,847	4,931	5,005
M.....	1,859	1,885	1,952	2,050	2,173	2,083	2,171	2,303	2,367	2,384
F.....	2,185	2,149	2,262	2,391	2,374	2,389	2,396	2,544	2,564	2,621
Buccal cavity and pharynx.....	192	172	167	131	166	157	154	175	166	164
M.....	158	146	132	109	131	126	132	152	139	121
F.....	34	26	35	22	35	31	22	23	27	43
Digestive organs and peritoneum.....	2,063	2,092	2,123	2,250	2,314	2,227	2,263	2,388	2,430	2,446
M.....	1,068	1,121	1,119	1,181	1,247	1,200	1,217	1,280	1,304	1,326
F.....	995	971	1,004	1,069	1,067	1,027	1,046	1,108	1,126	1,120
Respiratory system.....	146	114	156	170	204	190	209	263	276	302
M.....	94	72	112	107	147	128	156	198	211	230
F.....	52	42	44	63	57	62	53	65	65	72
Uterus.....	325	374	353	343	356	381	341	367	362	374
Other female genital organs.....	114	116	118	128	132	135	130	146	174	147

TABLE U—DEATHS, AND DEATH RATES PER 100,000 POPULATION, FROM CANCER, CLASSIFIED BY SITES AFFECTED, 1933-1942—Continued

Site (Int. List Nos. 45-55) (5th Revision)	DEATHS									
	1933	1934	1935	1936	1937	1938	1938	1940	1941	1942
Male genital organs. . .									276	269
Urinary organs.	324	320	369	408	415	399	424	420	247	273
M.)									170	172
F.)	84	61	87	72	70	62	89	91	77	101
Breast.	407	401	424	525	464	496	532	533	542	564
M.)	5	5	6	8	5	2	6	15	6	8
F.)	402	396	418	517	459	494	526	518	536	556
Skin.	72	84	87	99	89	83	94	85	93	86
M.)	44	56	51	66	52	46	57	46	62	60
F.)	28	28	36	33	37	37	37	39	31	26
Brain and other parts of central nervous system.	75	81	88	77	91	105	89	99	81	90
M.)	40	49	43	46	54	56	48	53	49	55
F.)	35	32	45	31	37	49	41	46	32	35
Other and unspecified organs.	242	219	242	238	246	237	242	280	284	290
M.)	126	116	120	125	122	126	131	139	150	143
F.)	116	103	122	113	124	111	111	141	134	147
	DEATH RATE PER 100,000 POPULATION									
Total Deaths.	113.5	111.2	114.7	120.4	122.5	119.9	121.7	128.8	130.2	130.8
Buccal cavity and pharynx.	5.4	4.7	4.5	3.6	4.5	4.2	4.1	4.7	4.4	4.3
Digestive organs and peritoneum.	57.9	57.6	57.8	61.0	62.4	59.7	60.3	63.5	64.2	64.0
Respiratory system. . .	4.1	3.1	4.2	4.6	5.5	5.1	5.6	7.0	7.3	7.9
Uterus.									9.6	9.8
Other female genital organs.	23.8	24.0	25.2	25.8	26.2	26.2	26.2	27.2	4.6	3.8
Male genital organs. . .									7.3	7.0
Urinary organs.									6.5	7.1
Breast.	11.4	11.0	11.5	14.2	12.5	13.3	14.2	14.2	14.3	14.7
Skin.	2.0	2.3	2.4	2.7	2.4	2.2	2.5	2.3	2.5	2.2
Brain and other parts of central nervous system.	2.1	2.2	2.4	2.1	2.5	2.8	2.4	2.6	2.1	2.4
Other and unspecified organs.	6.8	6.0	6.6	6.5	6.6	6.4	6.4	7.4	7.5	7.6

NOTE: Cancer of male genital organs and of urinary organs was not tabulated separately for the years 1933 to 1940.

Mortality from Pneumonia

In Chart 5 it is readily seen that the death toll from one disease, namely Tuberculosis, has been very rapidly reduced over the past 40 years. On the other hand, the death toll from Cancer has shown almost a steady incline. Also included in the chart is a curve portraying the trend in the death rate from Pneumonia, a disease which may be affected by epidemics as illustrated by the peaks of 1907, 1916 and 1918. Here also, however, is revealed the effect of the public health programme in that during the past 20 years or more the general trend in the death toll from this disease has been on a fairly general downward trend. The maintained drop in the curve is more noticeable since the introduction of the sulpha drugs for the treatment of respiratory diseases.

Special Classes of Accidental Deaths

Table V shows that of 2,452 accidental deaths in 1942, cross-classified according to nature of injury, 1,011 were attributable to crushing, 816 to falls, 330 to drowning, 166 to burns and 129 to poisonous gas, suffocation, electrocution, etc. Of those injured by crushing, 491 deaths were attributable to automobile accidents (excluding trains or street-cars), 139 to railway accidents (excluding motor vehicles) and 136 to air transport accidents.

TABLE V—SPECIAL CLASSES OF ACCIDENTAL DEATHS CLASSIFIED ACCORDING TO NATURE OF INJURY, ONTARIO, 1942

(These accidental deaths are classified according to circumstances involving the accident under rubrics 169 to 176, 178, 180, 181, 182, 183, 185, 186, 187 and 193.)

Int. List No.	CAUSE OF DEATH	M.	F.
	Accidental absorption of poisonous gas	33	17
178	Accidental absorption of poisonous gas.....	26	14
180	Conflagration.....	7	3
	Accidental burns	108	58
169	Railway accidents (excluding motor vehicles).....	2	...
170c	Automobile accidents (excluding trains or street-cars).....	5	1
172	Water transport accidents.....	1	...
173	Air transport accidents.....	11	...
175c	Other agricultural accidents.....	1	...
180	Conflagration.....	45	17
181	Accidental burns (conflagration excepted).....	43	40
	Accidental mechanical suffocation	38	11
169	Railway accidents (excluding motor vehicles).....	2	...
174	Accidents in mines and quarries.....	5	...
175a	Accidents involving agricultural machinery and vehicles.....	1	...
176	Other accidents involving machinery.....	1	...
182	Accidental mechanical suffocation.....	29	11
	Accidental drowning	283	47
170c	Automobile accidents (excluding trains or street-cars).....	5	1
172	Water transport accidents.....	88	13
173	Air transport accidents.....	5	...
175e	Other forestry accidents.....	4	...
183	Accidental drowning.....	181	33

TABLE V—SPECIAL CLASSES OF ACCIDENTAL DEATHS CLASSIFIED
ACCORDING TO NATURE OF INJURY, ONTARIO, 1942—Continued

(These accidental deaths are classified according to circumstances involving the accident under rubrics 169 to 176, 178, 180, 181, 182, 183, 185, 186, 187 and 193.)

Int. List No.	CAUSE OF DEATH	M.	F.
	Accidental injury by cutting or piercing instruments.....	12	2
170c	Automobile accidents (excluding trains or street-cars).....	1	2
173	Air transport accidents.....	1	...
174	Accidents in mines and quarries.....	1	...
175a	Accidents involving agricultural machinery and vehicles.....	2	...
175b	Injury by animals in agriculture.....	1	...
175c	Other agricultural accidents.....	1	...
175d	Accidents involving forestry machinery and vehicles.....	1	...
176	Other accidents involving machinery.....	1	...
185	Accidental injury by cutting or piercing instruments.....	3	...
	Accidental injury by fall.....	357	459
169	Railway accidents (excluding motor vehicles).....	5	...
170a	Collisions with trains.....	1	...
170c	Automobile accidents (excluding trains or street-cars).....	15	2
170d	Motorcycle accidents (excluding automobiles).....	5	1
171a	Street-car accidents (excluding trains and motor vehicles).....	1	...
171b	Other road transport accidents (excluding street-cars, trains and motor vehicles).....	10	5
174	Accidents in mines and quarries.....	6	...
175a	Accidents involving agricultural machinery and vehicles.....	12	...
175c	Other agricultural accidents.....	10	...
175e	Other forestry accidents.....	1	...
186a	Accidental injury by fall.....	291	451
	Accidental injury by crushing.....	861	150
169	Railway accidents (excluding motor vehicles).....	113	26
170a	Collisions with trains.....	48	17
170b	Collisions with street-cars.....	4	1
170c	Automobile accidents (excluding trains or street-cars).....	395	96
170d	Motorcycle accidents (excluding automobiles).....	3	...
171a	Street-car accidents (excluding trains and motor vehicles).....	7	7
171b	Other road transport accidents (excluding street-cars, trains and motor vehicles).....	4	2
173	Air transport accidents.....	136	...
174	Accidents in mines and quarries.....	32	...
175a	Accidents involving agricultural machinery and vehicles.....	12	...
175b	Injury by animals in agriculture.....	8	...
175c	Other agricultural accidents.....	3	...
175d	Accidents involving forestry machinery and vehicles.....	2	...
175e	Other forestry accidents.....	21	...
176	Other accidents involving machinery.....	36	...
186b	Accidental injury by crushing.....	37	1
	Accidents due to electric currents.....	15	1
175e	Other forestry accidents.....	1	...
176	Other accidents involving machinery.....	1	...
193	Accidents due to electric currents.....	13	1

Marriages

From Table W it will be noted that there have been significant fluctuations in the number of marriages in the province since 1922, each of which have reflected general economic trends. For example, there was a general increase in marriages and in the marriage rate leading up to 1929, a prosperity period, followed by a decline coincident with the depression period which continued till approximately

1933. This was followed by a return to a more stable economic condition which is reflected by an increase in both the total number of marriages and the marriage rates. The effect of the war is clearly apparent in the relatively high rates of 11.0, 11.4 and 11.9 per 1,000 population during the last three years.

TABLE W—MARRIAGES AND MARRIAGE RATES PER 1,000 POPULATION, ONTARIO, 1922-1942

Year	Number	Rate per 1,000 Population	Year	Number	Rate per 1,000 Population
1922	23,360	7.8	1932	22,224	6.4
1923	24,842	8.2	1933	22,587	6.3
1924	24,038	7.9	1934	25,874	7.1
1925	23,074	7.4	1935	26,843	7.3
1926	23,632	7.5	1936	27,734	7.5
1927	24,677	7.7	1937	29,893	8.1
1928	25,728	7.8	1938	30,080	8.1
1929	27,605	8.3	1939	34,657	9.2
1930	25,605	7.6	1940	41,229	11.0
1931	23,771	6.9	1941	43,270	11.4
			1942	45,466	11.9

Divorces

In Ontario, divorced persons form a very small proportion of the population as compared with some of the other countries of the world. The following summary indicates the number and percentages of such persons in the population of the province as enumerated in the past three censuses.

	1921*	1931	1941
Divorced persons—Male	1,135	1,071	2,291
Female	1,369	1,015	2,865
Per cent of population—Male	0.08	0.06	0.12
Female	0.09	0.06	0.15

*Including legal separations.

An historical summary of the number of marriages dissolved in Ontario since 1919 is presented in Table X. Previous to 1920 very few divorces were granted in the province. There was no appreciable increase in the number till the late 1920's, but since the transfer in 1930 of jurisdiction from the Dominion Parliament to provincial courts there has been a steady annual increase (except in 1937) in the number of divorces. Previous to 1930 a record number of 213 (1928) divorces were granted. From an annual average of somewhat over 300 in the early 1930's the number has increased rapidly to 949 in 1941 and 1,185 in 1942, representing an increase in the rate per 100,000 population of from 9 or 10 to 31 in 1942.

In the early 1920's the majority of the successful applicants were husbands, but since that period dissolutions granted on the application of wives have been in the great majority. Since 1935 for every 1,000 divorces granted to wives, an average of 550 have been granted to husbands as applicants, the ratio in 1942 being 576 per 1,000 divorces granted to wives.

TABLE X—DISSOLUTIONS OF MARRIAGE (DIVORCES) AND RATE PER 100,000 POPULATION, 1919-1942, AND RATIO OF DISSOLUTIONS TO MALES AND FEMALES, 1935-1942

Year	Dissolutions of Marriage	Rate per 100,000 Population	Year	Dissolutions of Marriage	Rate per 100,000 Population	Year	Dissolutions of Marriage	Rate per 100,000 Population	DISSOLUTIONS GRANTED TO—		Ratio of Dissolutions to Males per 1,000 Dissolutions to Females
									Husbands	Wives	
1919	46	1.6	1927	181	5.6	1935	491	13.4	180	311	579
1920	89	3.1	1928	213	6.5	1936	519	14.1	174	340	512
1921	96	3.3	1929	207	6.2	1937	607	16.4	209	398	525
1922	91	3.1	1930	204	6.0	1938	824	22.1	294	530	555
1923	102	3.4	1931	91*	2.7	1939	747	19.9	258	489	528
1924	113	3.7	1932	343*	9.9	1940	916	24.3	330	586	563
1925	119	3.8	1933	307	8.6	1941	949	25.1	339	610	556
1926	111	3.5	1934	365	10.1	1942	1185	31.0	433	752	576

*Represents effect of transfer of jurisdiction from Dominion Parliament to provincial Supreme Court and consequent time-lag between granting of decree nisi and decree absolute.

The following summary shows the remarriages, during the past six years, of divorced persons classified according to the marital status of both contracting parties.

Years	MARRIAGES BETWEEN—					Total Divorced Persons Remarrying
	Divorced Women and		Divorced Men and			
	Bachelors	Widowers	Spinsters	Widows	Divorced Women	
1937	46	28	104	13	10	211
1938	31	15	75	4	11	147
1939	64	22	97	8	15	221
1940	18	13	34	4	10	89
1941	20	20	47	16	11	125
1942	37	26	53	8	9	142

PART II

Detailed Tables, 1942

Table 3—General Summary of Births, Deaths and Marriages in the Province of Ontario for Cities, Towns and Villages of 10,000 population and over, 1942 (As at Census 1941)

Table with columns for Cities, Towns, and Villages, Estimated Population, Births (exclusive of stillbirths), Deaths (All ages, Under 1 year, 1-4 years, 5 years and over), Ratio per 1,000 of population, Stillbirths, Marriages, and Ratio per 1,000 of population. Total values are provided for the entire province.

Table 4—General Summary of Births, Deaths and Marriages for Towns and Villages of 5,000 to 10,000 population in the Province of Ontario, 1942 (As at Census 1941)

Table with columns for Towns and Villages (5,000 to 10,000 population), Estimated Population, Births (exclusive of stillbirths), Deaths (All ages, Under 1 year, 1-4 years, 5 years and over), Ratio per 1,000 of population, Stillbirths, Marriages, and Ratio per 1,000 of population. Total values are provided for the entire province.

Table 5—General Summary of Births, Deaths and Marriages in the Province of Ontario for Towns and Villages of 1,000 Population and under 5,000, 1942—Continued

(As at Census 1941)

Towns 1,000 and over and under 5,000	Esti- mated popula- tion	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	M	F	M	F	M	F				
Mattawa.....	1931	106	62	44	54.9	38	24	14	5	2	19	12	19.7	2	22	11.4		
Meaford.....	2722	108	54	54	39.7	38	17	21	...	2	17	19	14.0	7	37	13.6		
Merritton.....	3189	11	3	8	3.4	20	8	12	1	...	17	12	6.3	...	25	7.8		
Milton.....	1953	59	31	28	30.2	22	9	13	...	...	2	13	11.3	...	25	12.8
Milverton.....	982	10	6	4	10.2	6	2	4	...	...	9	4	6.1	...	10	10.2
Mitchell.....	1568	1	...	1	0.6	18	5	13	...	...	5	13	11.5	...	13	8.3
Morrisburg.....	1518	18	11	7	11.9	10	8	2	...	...	8	2	6.6	...	24	15.8
Mount Forest.....	1787	81	36	45	45.3	27	10	17	...	1	10	16	15.1	...	29	16.2		
Napanee.....	3269	98	52	46	30.0	41	25	16	1	1	24	15	12.5	3	49	15.0		
New Hamburg.....	1395	11	5	6	7.9	16	7	9	1	...	6	9	11.5	2	23	16.5		
New Liskeard.....	3010	78	42	36	25.9	14	7	7	2	1	5	6	4.7	...	53	17.6		
Newmarket.....	3978	276	150	126	69.4	92	55	37	6	2	49	35	23.1	13	66	16.6		
Niagara.....	1884	74	43	31	39.3	27	18	9	4	1	13	8	14.3	1	34	18.0		
Norwich.....	1184	35	21	14	29.6	8	3	5	...	1	3	5	6.8	...	14	11.8		
Oakville.....	3910	63	31	32	16.1	36	15	21	1	...	14	21	9.2	2	62	15.9		
Orangeville.....	2386	138	68	70	57.8	87	46	41	5	3	40	38	36.5	3	21	15.6		
Palmerston.....	1342	51	20	31	38.0	31	16	15	1	...	15	15	23.1	...	46	19.3		
Paris.....	4604	112	61	51	24.3	57	27	30	1	1	26	29	12.4	4	51	10.1		
Penetanguishene.....	4471	144	80	64	32.2	78	47	31	5	4	42	27	17.4	4	71	17.1		
Perth.....	4154	201	106	95	48.4	88	48	40	8	1	40	39	21.2	4	37	14.1		
Pictoula.....	2620	191	99	92	72.9	75	45	30	3	1	41	29	28.6	5	79	23.4		
Pictou.....	3383	229	118	111	67.7	87	47	40	4	5	43	35	25.7	11	7	5.7		
Point Edward.....	1221	7	5	2	5.7	3	2	1	...	...	9	1	2.5	...	70	35.8
Port Credit.....	1956	17	9	8	8.7	16	13	3	...	...	13	3	8.2	...	19	10.9
Port Dalhousie.....	1747	3	1	2	1.7	13	6	7	...	...	6	7	4.4	...	18	9.9
Port Dover.....	1818	35	19	16	19.3	27	10	17	1	...	9	17	14.9	...	16	12.0		
Port Elgin.....	1329	48	27	21	36.1	22	14	8	2	...	11	8	16.6	2	8	6.6		
Port Perry.....	1216	31	17	14	25.5	28	14	14	1	1	13	14	20.3	...	8	6.6		
Portsmouth.....	3192	6	...	...	...	97	57	40	...	...	57	40	30.4	1	8	2.5
Port Stanley.....	919	6	3	1	6.5	10	3	7	...	1	2	7	10.9	1	21	22.9		
Prescott.....	2715	27	15	12	8.2	29	14	15	...	1	13	15	8.8	4	47	14.3		
Rainy River.....	1250	47	19	28	37.6	30	16	14	1	3	13	11	24.0	3	20	16.0		
Richmond Hill.....	1423	28	16	12	19.7	14	2	12	...	...	2	12	9.8	...	37	26.0
Ridgetown.....	1948	8	6	2	4.1	23	8	15	...	...	8	15	11.8	1	28	14.4
Riverside.....	5686	22	12	10	3.9	17	8	9	...	...	8	9	3.0	...	42	7.4
Rockcliffe Park.....	1493	...	...	...	...	4	2	2	...	...	6	1	2.0	...	2	1.3
Rockland.....	2019	52	31	21	25.8	17	10	7	4	1	25	6	8.4	1	22	10.9		
St. Mary's.....	3793	98	43	55	25.8	43	25	18	...	...	25	18	11.3	1	32	8.4
Seaforth.....	1711	107	48	59	62.5	48	29	19	2	3	27	16	28.1	2	23	13.4		
Shelburne.....	1044	60	30	30	57.5	11	6	5	...	...	6	5	10.5	...	21	20.1
Sioux Lookout.....	1745	65	34	31	37.2	13	9	4	1	1	8	2	7.4	...	24	13.8		
Southampton.....	1597	22	14	8	13.8	16	11	5	2	...	9	5	10.0	...	14	8.8		
Stayner.....	1990	6	5	1	3.0	18	9	9	...	...	9	9	9.0	...	25	12.6
Stoney Creek.....	1012	...	...	...	...	2	1	1	...	...	1	1	2.0	...	13	12.8
Stouffville.....	1223	54	27	27	44.2	30	10	20	2	...	8	20	24.5	2	29	23.7		
Strathroy.....	3060	157	78	79	51.3	98	42	56	2	2	40	53	32.0	2	44	14.4		
Sturgeon Falls.....	3915	143	66	77	36.5	54	27	27	4	9	22	17	13.8	6	54	13.8		
Sutton.....	918	39	25	14	42.5	14	6	8	...	...	6	8	15.3	1	8	8.7
Tavistock.....	1042	6	3	3	5.8	11	4	7	...	...	4	7	10.6	...	8	7.7
Tecumseh.....	2628	26	10	16	9.9	15	9	6	1	...	8	6	5.7	1	47	17.9		
Thessalon.....	1047	52	26	26	49.7	22	13	9	2	...	11	8	21.0	1	11	10.5		
Tilbury.....	1982	20	8	12	10.1	17	11	6	1	1	10	5	8.6	...	51	25.7		
Tillsonburg.....	3999	319	167	152	79.8	87	47	40	10	4	37	36	21.8	7	77	19.3		
Tweed.....	1250	12	6	6	9.6	14	8	6	1	2	7	4	11.2	...	27	21.6		
Uxbridge.....	1425	38	21	17	26.7	14	7	7	1	...	6	7	9.8	...	19	13.5		
Vankleele Hill.....	1425	52	30	22	36.5	25	10	15	1	3	9	12	17.5	4	32	22.5		
Victoria Harbour.....	949	17	8	9	17.9	7	3	4	...	...	4	7	4.4	1	17	9.9
Walkerton.....	2662	147	63	84	54.6	54	31	23	...	1	31	22	20.1	5	28	10.4		
Wallaceburg.....	4970	61	33	28	12.3	19	9	10	...	...	9	10	3.8	1	86	17.3
Waterford.....	1300	21	11	10	16.2	19	10	9	1	...	9	9	14.6	...	26	20.0		
Watford.....	1038	6	4	2	5.8	8	2	6	...	...	2	6	7.7	...	15	14.5
Wellington.....	905	3	2	1	3.3	9	6	3	...	...	6	3	9.9	...	14	15.5
Warton.....	1558	81	43	38	52.0	8	6	2	1	...	5	2	5.1	2	30	19.3		
Winchester.....	1023	15	9	6	14.7	15	5	10	...	1	5	9	14.7	...	15	14.7		
Wingham.....	2058	108	67	41	52.5	44	25	19	...	1	25	18	21.4	3	29	14.1		
Woodbridge.....	1061	4	3	1	3.8	5	3	2	...	...	3	2	4.7	...	26	24.5

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1942—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Grenville.....	166	10	14	14	16	12	16	16	19	12	12	14	11
Rural.....	68	4	7	5	6	5	8	6	12	2	4	7	2
Urban.....	98	6	7	9	10	7	8	10	7	10	8	7	9
Prescott, t.....	27	3	2	3	2	1	3	4	1	2	2	2	2
Cardinal, vl.....	39	1	1	3	5	1	1	5		4	4	2	3
Kemptville, vl.....	32	2	4	3	3	1							
Grey.....	1029	82	91	81	84	88	93	98	80	88	93	75	76
Rural.....	283	23	25	27	23	26	25	31	26	22	25	16	14
Urban.....	746	59	66	54	61	62	68	67	54	66	68	59	62
Owen Sound, c.....	478	40	42	37	36	41	38	39	31	43	47	44	40
Durham, t.....	54	4	6	1	6	5	5	9	3	4	6	1	4
Hanover, t.....	106	8	11	11	10	7	12	8	8	9	7	7	8
Meaford, t.....	108	7	7	5	9	9	13	11	12	10	8	7	10
Haldimand.....	423	40	29	33	34	31	34	38	30	33	41	39	41
Rural.....	144	15	11	8	10	8	10	12	9	15	15	15	16
Urban.....	279	25	18	25	24	23	24	26	21	18	26	24	25
Dunnville, t.....	174	16	14	14	12	14	9	12	15	14	18	18	18
Caledonia, vl.....	9			3	2	1	1	1	1		1	1	1
Hagersville, vl.....	96	9	4	8	10	9	14	13	5	4	8	5	7
Haliburton.....	141	12	12	8	11	14	12	13	13	14	14	11	7
Rural.....	141	12	12	8	11	14	12	13	13	14	14	11	7
Halton.....	255	18	20	33	26	19	35	21	14	15	22	14	18
Rural.....	81	9	6	8	8	4	11	6	5	4	12	3	5
Urban.....	174	9	14	25	18	15	24	15	9	11	10	11	13
Burlington, t.....	12		1		3	3	3	1	1	1		1	1
Georgetown, t.....	9	1	1	7	2	1	5	10	9	3	3	5	4
Milton, t.....	59	3	4	4	3	4	2	3	5	4	2	2	5
Oakville, t.....	63	4	5	12	8	2	2	2		2	3	3	3
Acton, vl.....	31	1	3	5	5	2	2						
Hastings.....	1521	121	118	130	121	128	136	136	154	124	137	109	107
Rural.....	328	20	24	29	27	31	20	24	42	32	31	25	23
Urban.....	1193	101	94	101	94	97	116	112	112	92	106	84	84
Belleville, c.....	926	73	69	78	74	81	57	84	90	68	88	71	53
Deseronto, t.....	8		2			1				2	1	2	2
Trenton, t.....	95	12	10	9	4	4	8	12	9	8	5	5	9
Bancroft, vl.....	97	11	7	8	9	7	6	11	4	10	5	7	12
Frankford, vl.....	9		1	1	1	2			3		1	1	1
Madoc, vl.....	18	2	1	2	1	1			1	1	3	1	5
Marmora, vl.....	28	2	3	2	2	2	3	4	4	2	2	2	2
Tweed, vl.....	12	1	1	1	4	1	1	1	1	1			
Huron.....	776	58	58	66	73	62	58	66	82	63	71	62	57
Rural.....	207	23	16	22	18	16	18	13	21	13	16	17	14
Urban.....	569	35	42	44	55	46	40	53	61	50	55	45	43
Clinton, t.....	100	8	6	10	7	10	8	13	11	7	8	7	5
Goderich, t.....	168	8	17	6	23	13	11	16	18	14	12	11	19
Seaforth, t.....	107	10	7	8	12	6	5	10	14	11	15	10	4
Wingham, t.....	108	4	4	14	12	11	11	6	8	7	5	11	7
Exeter, vl.....	86	5	8	6	6	6	11	6	8	10	11	15	10
Kenora.....	498	45	33	41	34	55	37	38	44	46	31	48	46
Rural.....	65	6	6	7	10	6	3	3	2	5	4	5	8
Urban.....	433	39	27	34	24	49	34	35	42	41	27	43	38
Dryden, t.....	127	8	7	8	11	13	6	15	13	10	10	9	17
Keewatin, t.....	1												
Kenora, t.....	240	25	18	18	10	28	22	18	24	22	12	26	17
Sioux Lookout, t.....	65	6	2	8	3	8	2	2	5	9	5	7	4
Kent.....	1425	119	107	140	117	126	118	99	118	140	88	133	120
Rural.....	259	30	17	23	18	22	17	28	24	24	16	20	20
Urban.....	1166	89	90	117	99	104	101	71	94	116	72	113	100
Chatham, c.....	1041	79	77	105	91	91	93	58	90	104	62	99	92
Bienheim, t.....	8	1			1	1	1				3	1	1
Dresden, t.....	28	3	3	4	1	1	2	2	1	4	1	4	2
Ridgetown, t.....	8	2									2	1	2
Tilbury, t.....	20	1	1	3	2	3	2	2	1	2	3	6	3
Wallaceburg, t.....	61	3	9	5	4	9	2	9	2	6	3	6	3
Lambton.....	1000	87	62	125	81	78	72	76	100	91	90	51	87
Rural.....	191	20	13	23	26	13	14	10	17	18	17	6	14
Urban.....	809	67	49	102	55	65	58	66	83	73	73	45	73
Sarnia, c.....	598	51	28	77	43	41	43	49	66	52	58	34	56
Forest, t.....	7	1		1						1			
Petrolia, t.....	191	13	19	21	12	23	14	13	16	19	13	11	17
Point Edward, vl.....	7	1	2							1			
Watford, vl.....	6	1	1	1									
Lanark.....	679	60	62	53	47	50	55	66	66	57	53	54	56
Rural.....	70	5	11	6	6	2	6	6	7	4	9	5	3
Urban.....	609	55	51	47	41	48	49	60	59	53	44	49	53
Almonte, t.....	163	16	11	13	13	13	14	15	14	16	8	16	14
Carleton Place, t.....	24	2	4	2	2	3	2	2	1	2	2	3	4
Perth, t.....	201	16	15	17	11	11	20	22	19	15	20	14	21
Smiths Falls, t.....	221	21	21	15	15	21	14	22	26	22	14	16	14
Leeds.....	777	51	73	70	58	68	78	72	70	76	54	52	55
Rural.....	207	15	18	23	14	14	24	12	23	19	13	16	16
Urban.....	570	36	55	47	44	54	54	60	47	57	41	36	39
Brockville, t.....	467	30	43	39	33	48	45	50	42	45	33	29	30
Gananoque, t.....	103	6	12	8	11	6	9	10	5	12	8	7	9

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1942—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prescott.....	725	60	52	59	62	61	63	76	62	66	54	58	52
Rural.....	366	33	22	29	29	35	26	44	29	33	27	37	22
Urban.....	359	27	30	30	33	26	37	32	33	33	27	21	30
Hawkesbury, t.....	293	21	22	27	29	15	34	25	27	28	22	18	25
Vankleek Hill, t.....	52	6	8	1	3	11	3	7	3	2	3	3	2
L'Orignal, vl.....	14			2	1				3	3	2		3
Prince Edward.....	273	26	17	25	20	21	19	25	22	21	27	24	26
Rural.....	41	7	8	4	6	2		4	2	1	3		4
Urban.....	232	19	9	21	14	19	19	21	20	20	24	24	22
Pictou, t.....	229	18	9	20	14	19	18	21	20	20	24	24	22
Wellington, vl.....	3	1				1							
Rainy River.....	444	32	40	44	37	40	30	39	45	27	39	32	39
Rural.....	187	14	20	13	21	14	11	21	13	14	15	13	18
Urban.....	257	18	20	31	16	26	19	18	32	13	24	19	21
Fort Francis, t.....	210	13	20	26	11	21	16	15	29	9	22	13	15
Rainy River, t.....	47	5		5	5	5	3	3	3	4	2	6	6
Renfrew.....	1242	109	74	107	107	101	121	118	116	105	103	90	91
Rural.....	447	39	29	41	36	42	36	41	40	43	35	28	37
Urban.....	795	70	45	66	71	59	85	77	76	62	68	62	54
Arnprior, t.....	35	4	5	3	4	5	3	1	1	3	2	2	2
Pembroke, t.....	514	51	30	38	49	32	56	48	54	43	39	36	38
Renfrew, t.....	211	12	6	19	13	20	24	25	17	15	27	20	13
Barry's Bay, vl.....	24	2	3	4	4		2		4	1		3	
Eganville, vl.....	11	1	1	2	1	2	2	2					
Russell.....	440	44	26	30	37	25	44	41	49	37	38	35	34
Rural.....	359	36	21	25	26	20	37	37	36	34	28	32	27
Urban.....	81	8	5	5	11	5	7	4	13	3	10	3	7
Rockland, t.....	52	7	2	4	5	4	2	2	10		7	2	
Casselman, vl.....	29	1	3	1	6	1	5	2	3	3	1		
Simcoe.....	1978	156	155	158	148	179	156	179	144	188	173	178	164
Rural.....	265	20	25	24	25	22	19	25	21	25	24	16	19
Urban.....	1713	136	130	134	123	157	137	154	123	163	149	162	145
Alliston, t.....	132	9	11	12	17	16	8	6	6	12	15	12	8
Barrie, t.....	440	36	26	34	22	43	37	37	36	47	33	41	48
Collingswood, t.....	287	23	26	28	17	30	20	29	20	21	25	21	27
Midland, t.....	270	22	16	11	20	27	23	27	24	24	27	23	26
Orillia, t.....	406	30	38	33	39	27	37	36	28	42	36	39	21
Penetanguishene, t.....	144	10	12	14	8	11	11	18	5	17	9	20	9
Stayner, t.....	6		1			2					1		1
Bradford, vl.....	11	3				1		1			1		3
Victoria Harbour, vl.....	17	3		1			1		4		2	4	2
Storment.....	1106	87	76	114	87	94	89	122	86	85	102	86	78
Rural.....	371	23	28	32	29	41	32	46	30	33	35	22	20
Urban.....	735	64	48	82	58	53	57	76	56	52	67	64	58
Cornwall, t.....	735	64	48	82	58	53	57	76	56	52	67	64	58
Sudbury.....	2733	217	212	207	228	269	216	245	278	226	238	193	204
Rural.....	818	79	70	64	76	72	65	72	93	69	62	46	50
Urban.....	1915	138	142	143	152	197	151	173	185	157	176	147	154
Sudbury, c.....	1829	128	135	135	145	188	141	166	180	154	169	143	145
Capreol, t.....	17	3	3		1	2	2		1	1	2	1	
Coniston, t.....	41	1		5	2	3	5	5	2	2	3	2	6
Coppercliff, t.....	28	2	3	3	4	4	3	2	2			2	
Thunder Bay.....	1818	132	138	175	156	157	153	169	149	138	152	159	140
Rural.....	270	18	21	31	22	17	29	36	17	16	19	28	16
Urban.....	1548	114	117	144	134	140	124	133	132	122	133	131	124
Fort William, c.....	652	56	49	58	61	60	48	57	56	56	52	55	44
Port Arthur, c.....	879	57	68	84	73	78	76	75	73	66	79	74	76
Geraldton, t.....	17					2			3				4
Timiskaming.....	1272	110	115	104	117	113	98	107	108	107	81	109	103
Rural.....	1007	88	96	83	86	93	74	93	89	87	59	81	78
Urban.....	265	22	19	21	31	20	24	14	19	20	22	28	25
Cobalt, t.....	27	1	5	4	4	5	1	1	2			3	1
Englehart, t.....	62	7	3	2	6	3	7	4	5	5	6	6	8
Haileybury, t.....	73	7	6	5	10	4	7	3	7	8	4	8	4
Larder Lake, t.....	25	2	1	3	4	3	2		1	2	3	2	2
New Liskeard, t.....	78	5	4	7	7	5	7	6	4	5	9	7	10
Victoria.....	507	32	36	40	45	34	45	42	48	50	41	41	53
Rural.....	95	12	9	10	5	5	6	4	14	9		6	10
Urban.....	412	20	27	30	40	29	40	36	44	36	32	35	43
Lindsay, t.....	389	20	27	29	36	27	36	33	40	34	31	35	41
Bobcaygeon, vl.....	16				3	2	2	1	4	1	1		2
Penelon Falls, vl.....				1		2				1			
Waterloo.....	2017	192	174	191	159	146	162	169	181	167	155	170	170
Rural.....	254	28	15	31	12	19	26	19	31	20	21	14	18
Urban.....	1763	164	159	160	147	127	136	150	150	147	130	141	152
Galt, c.....	429	42	39	39	41	35	30	30	36	24	31	37	45
Kitchener, c.....	1230	110	109	112	101	86	98	111	103	113	91	99	97
Elmira, t.....	8	1	1		1	1		1	1	1		1	
Hespeler, t.....	25	3	2	2	2	3	4	4	2	1			2
Preston, t.....	37	5	2	3	1	2		2	4	2			2
Waterloo, t.....	23	2	6	4	1		4	2	1	2	3	4	4
New Hamburg, vl.....	11	1			1				3	4	1		1

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1942—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Welland.....	2190	199	147	164	177	189	171	191	202	183	199	178	190
Rural.....	197	23	9	22	18	19	15	14	11	19	14	14	19
Urban.....	1993	176	138	142	159	170	156	177	191	164	185	164	171
Niagara Falls, c.....	722	74	50	53	55	66	60	60	70	59	66	59	50
Welland, c.....	728	49	54	43	60	52	58	67	71	60	72	66	76
Fort Erie, t.....	267	18	20	19	21	30	18	29	21	27	20	19	25
Port Colborne, t.....	163	16	7	16	13	14	14	12	17	10	20	15	9
Thorold, t.....	82	13	7	9	7	7	3	6	9	5	4	5	7
Chippawa, vl.....	1								1				
Fonthill, vl.....	3	1					1		1				
Humberstone, vl.....	27	5		2	3	1	2	3	1	3	3		4
Wellington.....	1147	96	74	116	97	94	126	91	79	104	98	85	87
Rural.....	537	46	28	60	51	44	62	43	35	52	42	34	40
Urban.....	610	50	46	56	46	50	64	48	44	52	56	51	47
Guelph, c.....	334	33	30	30	24	21	39	27	16	32	22	34	26
Harriston, t.....	24	3	2	1	2	3	2	1	2	3	3	2	2
Mount Forest, t.....	81	5	3	9	6	9	9	5	11	7	7	5	5
Palmerston, t.....	51	2	2	3	2	3	8	8	4	6	6	1	6
Elora, vl.....	8		1				1	2	1		2		1
Fergus, vl.....	112	7	8	13	12	14	5	5	10	4	16	11	7
Wentworth.....	4451	328	290	393	376	367	348	408	417	409	383	375	357
Rural.....	108	10	9	12	9	12	8	9	8	7	10	8	6
Urban.....	4343	318	281	381	367	355	340	399	409	402	373	367	351
Hamilton, c.....	4333	317	281	379	367	354	338	397	408	402	372	367	351
Dundas, t.....	10	1		2		1	2	2	1		1		
Stoney Creek, vl.....													
York.....	16907	1193	1248	1422	1410	1536	1456	1552	1400	1493	1419	1357	1421
Rural.....	2055	157	142	172	167	179	173	183	158	209	204	149	162
Urban.....	14852	1036	1106	1250	1243	1357	1283	1369	1242	1284	1215	1208	1259
Toronto, c.....	14036	981	1054	1181	1176	1287	1199	1276	1177	1206	1145	1152	1202
Aurora, t.....	11	1			1		3	1	3		1		1
Leaside, t.....	2		1										
Mimico, t.....	55	4	4	5	2	4	8	10	4	5	3	8	2
Newmarket, t.....	276	23	18	16	29	28	24	26	20	23	31	18	20
New Toronto, t.....	58	4	4	6	2	7	5	6	5	6	3	5	5
Weston, t.....	177	10	13	19	15	15	19	20	15	17	13	8	13
Forest Hill, vl.....	2			1		1							
Long Branch, vl.....	32	3	1	3	2	1	2	6	3	4	4	2	1
Markham, vl.....	71	3	4	6	5	4	5	10	6	13	4	7	4
Richmond Hill, vl.....	28	2	1	3	1	1	3	4	4	2	4	1	2
Stouffville, vl.....	54	7	1	6	7	3	4	7	2	5	3	6	3
Sutton, vl.....	39	2	3	4	3	4	7	2	3	2	3		6
Swansea, vl.....	7		2			1	3				1		
Woodbridge, vl.....	4					1		1		1		1	
District of Patricia.....	99	9	12	12	10	8	8	11	9	4	3	8	5

Table 7—Total Live Births and Live Births in Institutions, Showing the Number of Mothers Non-resident in the Province of Ontario, 1942

	ALL LIVE BIRTHS		IN INSTITUTIONS	
	Total	Mothers non-resident in Province	Total	Mothers non-resident in Province
Total for the Province.....	78,192	757	56,807	680

Table 8—Births (exclusive of Stillbirths) to Resident and Non-Resident Mothers, and Births in Institutions, in the Cities, Towns, and Villages of Ontario of 5,000 Population and over, 1942.

(As at Census 1941)

Cities, Towns, and Villages	ALL BIRTHS				BIRTHS IN INSTITUTIONS				BIRTHS ELSEWHERE THAN IN INSTITUTIONS			
	Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and		Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and		Total	Resident mothers	Mothers non-resident in city, town, or village 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
Cities:												
Belleville.....	926	369	541	16	899	342	541	16	27	27		
Brantford.....	926	727	191	8	837	639	190	8	89	88	1	
Chatham.....	1,041	407	631	3	961	328	631	2	80	79		1
Fort William.....	652	506	143	3	609	469	137	3	43	37	6	
Galt.....	429	295	132	2	390	256	132	2	39	39		
Guelph.....	334	218	115	1	303	188	114	1	31	30	1	
Hamilton.....	4,333	3,400	918	15	4,090	3,167	909	14	243	233	9	1
Kingston.....	1,215	789	404	22	1,158	740	397	21	57	49	7	1
Kitchener.....	1,230	731	498	1	1,131	635	495	1	99	96	3	
London.....	2,096	1,561	527	8	1,983	1,449	576	8	113	112	1	
Niagara Falls.....	722	529	190	3	703	510	190	3	19	19		
North Bay.....	445	324	119	2	363	246	115	2	82	78	4	
Oshawa.....	768	570	194	4	695	498	193	4	73	72	1	
Ottawa.....	4,328	3,173	870	285	3,969	2,837	854	278	359	336	16	7
Owen Sound.....	478	305	168	5	398	243	150	5	80	62	18	
Peterborough.....	1,047	707	340		986	648	338		61	59	2	
Port Arthur.....	879	568	308	3	870	560	307	3	9	8	1	
St. Catharines.....	1,089	688	396	5	966	604	357	5	123	84	39	
St. Thomas.....	656	374	276	6	641	366	269	6	15	8	7	
Sarnia.....	598	386	210	2	562	352	208	2	36	34	2	
Sault Ste. Marie.....	859	720	137	2	725	599	125	1	134	121	12	1
Stratford.....	459	266	192	1	438	246	191	1	21	20	1	
Sudbury.....	1,829	1,315	507	7	1,225	769	450	6	604	546	57	1
Toronto.....	14,036	11,053	2,878	105	12,813	9,875	2,840	98	1,223	1,178	38	7
Welland.....	728	365	362	1	683	323	359	1	45	42	3	
Windsor.....	3,202	2,400	781	21	2,817	2,026	770	21	385	374	11	
Woodstock.....	400	276	119	5	372	249	118	5	28	27	1	
Towns:												
Barrie.....	440	253	176	11	405	229	165	11	35	24	11	
Brampton.....	321	117	202	2	310	106	202	2	11	11		
Brockville.....	467	261	206		456	250	206		11	11		
Cobourg.....	196	99	95	2	169	75	92	2	27	24	3	
Collingwood.....	287	145	141	1	241	110	130	1	46	35	11	
Cornwall.....	735	461	254	20	627	355	254	18	108	106		2
Dundas.....	10	9	1						10	9	1	
Eastview.....	135	130	5						135	130	5	
Fort Erie.....	267	184	81	2	250	168	80	2	17	16	1	
Fort Francis.....	210	133	77		173	103	70		37	30	7	
Hawkesbury.....	293	199	51	43	136	48	49	39	157	151	2	4
Ingersoll.....	178	110	68		158	92	66		20	18	2	
Kenora.....	240	157	77	6	235	152	77	6	5	5		
Leamington.....	225	118	106	1	147	58	88	1	78	60	18	
Leaside.....	2	2							2	2		
Lindsay.....	389	181	207	1	370	165	205		19	16	2	1
Midland.....	270	165	105		232	131	101		38	34	4	
Mimico.....	55	41	14		5	3	2		50	38	12	
New Toronto.....	58	49	9		4		4		54	49	5	
Orillia.....	406	239	166	1	359	199	159	1	47	40	7	
Parry Sound.....	481	227	253	1	434	182	251	1	47	45	2	
Pembroke.....	514	295	196	23	417	211	187	19	97	84	9	4
Port Colborne.....	163	100	63						163	100	63	
Port Hope.....	140	91	48	1	137	88	48	1	3	3		
Preston.....	27	25	2		9	7	2		18	18		
Renfrew.....	211	100	105	6	181	73	102	6	30	27	3	
Simcoe.....	430	152	278		419	141	278		11	11		
Smiths Falls.....	221	158	61	2	203	142	59	2	18	16	2	
Thorold.....	82	51	30	1	70	39	30	1	12	12		
Timmins.....	1,011	923	87	1	478	398	79	1	533	525	8	
Trenton.....	95	91	4						95	91	4	
Waterloo.....	33	31	2						33	31	2	
Weston.....	177	58	119		101	25	76		76	33	43	
Whitby.....	21	18	3		2	1	1		19	17	2	
Villages:												
Forest Hill.....	2	2							2	2		
Long Branch.....	32	31	1						32	31	1	
Swansea.....	7	6	1						7	6	1	

Table 9—Births (exclusive of Stillbirths) Classified as Legitimate or Illegitimate and as Single or Plural by Sex, for Cities, Towns, and Villages of 5,000 Population and over, 1942
As at Census 1941

	Total births			Legitimate			Illegitimate			Single births			Twin births			Triplets			
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	
Total for the Province.....	40412	37780	78192	38467	35936	74403	1945	1844	3789	39614	36976	76590	784	788	1572	14	16	30	
Cities, Towns, and Villages of 5,000 and over:																			
Barrie.....	228	212	440	233	203	426	5	9	14	223	199	422	5	13	18				
Bellefonte.....	483	443	926	463	417	880	20	26	46	474	429	903	7	13	20				
Brampton.....	163	158	321	156	156	316	3	5	8	160	151	311	3	7	10			1	
Brantford.....	489	437	926	467	412	879	22	25	47	483	427	910	6	10	16				
Brockville.....	253	214	467	240	203	443	11	24	35	249	212	461	4	7	11				
Chatham.....	515	526	1041	514	514	1015	14	12	26	511	518	1029	4	8	12				
Cobourg.....	81	115	196	72	109	181	9	6	15	81	113	194							
Collingwood.....	151	136	287	149	133	282	2	3	5	149	129	278	1	5	6			1	
Cornwall.....	373	362	735	359	350	709	14	12	26	366	351	717	7	11	18				
Dundas.....	7	3	10	7	6	13	1	1	2	7	3	10							
Eastview.....	75	60	135	74	60	134	1	1	2	75	58	133							
Forest Hill.....	1	1	2	1	1	2				1	1	2							
Fort Erie.....	136	131	267	131	125	256	5	6	11	135	129	264	2	6	8			2	
Fort Francis.....	110	100	210	108	100	208	2	2	4	108	94	202	2	4	6			4	
Fort William.....	319	333	652	307	321	628	12	12	24	315	325	640	4	8	12				
Galt.....	223	206	429	220	202	422	3	4	7	221	202	423	2	4	6				
Guelph.....	167	167	334	160	165	325	7	2	9	167	167	334							
Hamilton.....	2209	2124	4333	2077	1988	4065	132	136	268	2175	2084	4259	34	40	74				
Hawkesbury.....	158	135	293	139	117	256	19	18	37	155	132	287	3	3	6				
Ingersoll.....	85	93	178	78	90	168	7	3	10	85	93	178							
Kenora.....	130	110	240	124	106	230	6	4	10	128	108	236	2	2	4				
Kingston.....	610	605	1215	555	574	1129	55	31	86	595	598	1193	15	7	22				
Kitchener.....	608	622	1230	589	604	1193	19	18	37	597	603	1200	11	19	30				
Leamington.....	103	122	225	102	119	221	1	3	4	102	119	221	1	3	4				
Leaside.....	1	1	2	1	1	2				1	1	2							
Lindsay.....	194	195	389	192	190	382	2	5	7	193	188	381	1	7	8				
London.....	1104	992	2096	1007	908	1915	97	84	181	1085	973	2058	19	19	38				
Long Branch.....	20	15	35	19	11	30			2	20	12	32							
Midland.....	125	145	270	120	143	263	5	2	7	123	143	266	2	2	4				
Mimico.....	22	33	55	22	32	54			1	22	32	54							
New Toronto.....	26	32	58	24	30	54			2	26	32	58							
Niagara Falls.....	383	339	722	372	321	693	11	23	34	369	331	700	14	8	22				
North Bay.....	236	209	445	227	195	422	9	14	23	232	207	439	4	2	6				
Orrilla.....	204	202	406	195	191	386	6	11	20	198	196	394	4	3	7				
Oshawa.....	392	376	768	388	364	752	4	12	16	387	373	760	5	3	8				
Ottawa.....	2227	2101	4328	2083	1958	4041	144	143	287	2184	2050	4234	43	51	94				
Owen Sound.....	236	242	478	229	229	458	14	13	27	233	238	471	2	2	4			2	
Parry Sound.....	257	224	481	244	213	457	13	17	30	251	236	487	1	2	3				
Pembroke.....	253	261	514	243	254	497	10	17	27	245	253	498	8	8	16				
Peterborough.....	556	491	1047	536	471	1007	20	20	40	546	481	1027	10	10	20				
Port Arthur.....	471	408	879	442	379	821	29	29	58	462	401	863	9	7	16				
Port Colborne.....	78	85	163	78	81	159		4	4	77	83	160							

Port Hope.....	68	72	140	67	70	137	1	2	3	68	72	140	1	1	1	1
Preston.....	16	11	27	15	11	26	1	1	1	15	10	25	1	1	1	1
Renfrew.....	119	92	211	113	90	203	6	2	8	119	92	211	14	14	14	14
St. Catharines.....	589	500	1089	563	481	1044	26	19	45	575	486	1061	17	17	17	17
St. Thomas.....	371	285	656	355	272	627	16	13	29	362	280	642	9	5	5	5
Sarnia.....	302	289	598	302	283	585	7	6	13	307	281	588	2	8	8	8
Sault Ste. Marie.....	426	433	859	409	413	822	17	20	37	419	424	843	7	9	8	8
Simcoe.....	225	205	430	215	197	412	10	8	18	222	198	420	3	7	7	7
Smith's Falls.....	116	105	221	113	100	213	3	5	8	108	99	207	8	6	6	6
Stratford.....	265	194	459	257	193	450	8	1	9	256	191	447	9	3	3	3
Sudbury.....	905	924	1829	864	880	1744	41	44	85	884	905	1789	21	19	20	20
Swansea.....	2	5	7	1	5	6	1	1	1	2	5	7	1	1	1	1
Thorold.....	43	39	82	39	36	75	4	3	7	39	39	78	4	4	4	4
Timmins.....	506	505	1011	489	477	966	17	28	45	500	497	997	8	8	8	8
Toronto.....	7287	6749	14036	6725	6251	12976	562	498	1060	7133	6624	13757	153	123	138	138
Trenton.....	53	42	95	49	40	89	4	2	6	52	41	93	1	1	1	1
Waterloo.....	16	17	33	16	17	33	10	9	19	16	17	33	2	2	2	2
Welland.....	387	341	728	377	332	709	10	2	19	383	336	719	4	4	4	4
Weston.....	95	82	177	95	80	175	2	2	2	93	80	173	2	2	2	2
Whitby.....	15	6	21	15	6	21	1	1	1	15	4	19	2	2	2	2
Windsor.....	1679	1523	3202	1622	1464	3086	57	59	116	1649	1509	3158	30	14	22	22
Woodstock.....	206	194	400	202	192	394	4	2	6	202	186	388	4	8	6	6

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.....	1							1										
16 years.....	1					1												
17	28			1	3	2	9							2				
18	154			2	13	26	42	35	21	9				1				
19	428			4	20	68	86	114	67	28	20			2				
20	936			1	5	30	84	178	216	176	118	63	20	11	2			
21	1707			1	2	27	98	218	352	350	306	170	83	38	21	13	15	
22	2212			5	31	81	194	338	389	389	368	175	92	55	30	21	17	
23	2781				22	74	139	301	410	528	482	314	207	103	75	46	31	
24	3484			1	20	56	157	270	439	505	547	457	394	268	149	91	47	
25	3983			1	4	12	39	121	243	385	481	585	530	478	410	261	167	
26	4361			1	9	15	46	113	209	286	449	567	584	503	489	439	255	
27	4540		1		4	9	23	66	174	242	369	497	459	522	577	478	416	
28	4690					12	18	72	118	196	288	349	373	489	575	541	502	
29	4467			1	2	1	19	43	89	146	214	281	347	430	447	490	509	
30	4332					5	10	38	60	116	162	227	269	322	367	441	468	
31	4186					1	9	26	51	79	137	151	218	232	305	384	447	
32	3925			1	5	5	10	21	27	63	105	151	154	195	260	320	336	
33	3524				3	3	6	18	39	46	71	107	122	136	196	217	324	
34	3262			1	2	3	6	12	15	29	59	51	95	117	158	184	209	
35	2840				2	3	9	22	24	38	57	64	68	137	154	168	196	
36	2556				1	3	5	11	25	37	42	61	62	90	113	126	156	
37	2333			2	1		5	7	20	32	36	39	51	61	87	109	132	
38	2085					1	10	11	11	22	37	52	43	54	43	75	113	
39	1847						2	12	8	15	30	20	28	39	68	58	83	
40	1584						1	5	9	10	20	22	26	37	33	48	58	
41	1326						1	2	2	11	10	19	20	28	32	47	32	
42	1324						3	6	8	13	6	18	19	16	33	50	50	
43	955					1		3	4	2	4	14	12	12	21	27	27	
44	790								8	6	4	7	11	7	11	16	26	
45	637							2	2	3	5	7	3	1	7	18	10	
46	539							1	1	1	1	6	1	2	14	9	6	
47	414						1		2	1	1	5	3	3	8	11	4	
48	399							2		3	1	2	3	7	7	4	13	
49	353								1	1	4	2	4	7	6	6	11	
50	286								1	1	3	1	5	4	4	3	3	
51	179								2		3	1	2	2	4	3	1	
52	185									1	3	1	3	1	1	1	2	
53	146									3	1	1	2	2	2	2	1	
54	105									1		2	1	1	1	1	1	
55	67								1				2	2	2	2	3	
56	70									1		1	1	2	2			
57	62											1	4	1	1			
58	44									1	1				1	1	1	
59	45								1					1	2	3		
60	33										1			1	1		1	
61	28												3					
62	19										1			1		2		
63	19									1					1			
64	14											2						
65 and over.....	49								1		2		1	4	2		1	
Not stated.....	78					1		2	2	2	1	1	5	2	1	3		
Children born to married mothers..... Total	74,403		1	4	35	237	679	1595	2741	3566	4421	4899	4550	4547	4780	4661	4578	4351
M.....	38,467			2	22	132	361	824	1438	1833	2242	2541	2362	2370	2501	2359	2385	2254
F.....	35,936		1	2	13	105	318	771	1303	1733	2179	2358	2188	2177	2279	2302	2193	2097
Children born to unmarried mothers..... Total	3,789		3	19	63	117	238	323	377	340	326	299	246	204	160	160	136	99
M.....	1,945			8	33	56	139	164	200	153	166	144	135	111	79	80	72	57
F.....	1,844		3	11	30	61	99	159	177	187	160	155	111	93	81	80	64	42
Children born to all mothers..... Total	78,192		4	23	98	354	917	1918	3118	3906	4747	5198	4796	4751	4940	4821	4714	4450
M.....	40,412			10	55	188	500	988	1638	1986	2408	2685	2497	2481	2580	2439	2457	2311
F.....	37,780		4	13	43	166	417	930	1480	1920	2339	2513	2299	2270	2360	2382	2257	2139

according to Ages of Parents, Ontario, 1942

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	No t stat-ed	
...
3	1			1		1								1									3
12	5	2	1	3			1		1			1											
18	9	7	2	8																			
34	22	9	6	7	4	1							2		1								
53	39	21	14	10	12	3		3															
106	66	33	13	13	10	4	4	5	3														2
165	86	58	47	18	18	12	8	1	1	1													2
285	155	91	63	48	23	25	8	7	3	1													2
402	255	123	78	58	31	19	14	5	6	4													2
445	356	216	150	97	45	23	18	9	6	3													2
448	364	343	206	131	85	43	36	22	12	10													2
423	365	327	292	206	93	62	48	17	12	12													2
329	325	315	306	248	166	103	65	39	17	10													2
315	320	302	278	281	225	152	75	51	29	13													2
233	237	249	268	253	228	197	99	54	44	24													2
152	219	221	224	218	205	196	164	97	69	30													2
155	165	184	185	192	214	182	160	147	68	46													2
108	151	140	161	179	155	160	186	137	120	61													1
100	77	115	122	140	157	165	158	146	111	98													1
67	92	87	84	95	139	115	142	127	118	79													1
52	58	70	67	102	88	107	115	99	105	79													1
42	55	56	79	81	86	80	102	92	124	102													1
25	39	54	40	58	50	58	60	89	106	73													1
25	27	37	39	35	56	48	59	65	59	60													1
17	21	25	26	15	33	52	51	39	58	51													1
13	20	14	23	17	30	38	37	51	40	37													1
12	8	10	24	19	19	31	37	33	26	26													1
8	13	10	25	10	26	23	20	32	36	30													1
6	9	12	16	8	9	17	20	23	21	43													1
6	3	10	11	5	11	10	15	23	20	28													1
4	2	6	3	7	11	13	10	14	9	14													1
4	3	5	15	9	10	8	15	13	12	11													1
5	6	4	4	11	3	4	8	15	7	5													1
2	3	1	2	5	6	6	6	5	8	6													1
1	1	2	2	1	7	2	2	3	5	8													1
...	4	6	6	1	3	6	5	3	6	7													1
...	2	...	...	2	2	2	2	2	2	2													1
...	1	...	...	1	3	1	2	2	3	5													1
...	3	...	...	1	3	...	...	2	2	1													1
1	2	...	...	3	...	...	...	2	2	1													1
1	1	...	...	1	...	...	...	1	1	1													1
1	1	1	2	...	3	3	3	6	7	4													1
2	4	1	2	2	2	2	2	3	3	6													40
4078	3598	3169	2900	2602	2252	1966	1770	1481	1313	999	779	604	538	271	173	113	42	27	12	2	4	65	
2126	1881	1574	1527	1358	1147	1025	908	753	654	515	418	320	273	149	90	58	19	13	7	2	2	24	
1952	1717	1595	1373	1244	1105	941	862	728	659	484	361	284	265	122	83	55	23	14	5	2	2	41	
76	85	71	73	57	47	41	33	22	34	26	21	10	17	10	2	4	...	...	1	...	...	49	
40	34	38	30	37	27	27	16	10	18	15	10	6	6	5	2	3	...	...	...	...	...	24	
36	51	33	43	20	20	14	17	12	16	11	4	11	5	...	1	...	...	1	...	...	...	25	
4154	3683	3240	2973	2659	2299	2007	1803	1503	1347	1025	800	614	555	281	175	117	42	27	13	2	4	114	
2166	1915	1612	1557	1395	1174	1052	924	763	672	530	428	326	279	154	92	61	19	13	7	2	2	48	
1988	1768	1628	1416	1264	1125	955	879	740	675	495	372	288	276	127	83	56	23	14	6	2	2	66	

Table 11—Births (exclusive of Stillbirths) Classified according to Racial Origin of Parents, Ontario, 1942

Table with columns: Racial Origin of Father, Total Fathers, and Racial-Origin of Mother (including categories like English, Irish, Scottish, French, German, Italian, etc.).

Table 12—Legitimate Births (exclusive of Stillbirths) Classified

Racial Origin of Mother	Total	AGE OF															
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
British	49537	3	25	131	449	1020	1724	2306	2892	3244	3006	2925	3174	3188	3128	2987	
English	27161	2	16	73	286	605	1045	1369	1690	1906	1661	1640	1814	1751	1698	1645	
Irish	11979	4	29	108	227	361	515	660	733	714	701	726	772	765	678		
Scottish	9998	1	5	29	54	179	302	404	510	579	610	564	608	642	645	643	
Other	399				1	9	16	18	32	26	21	20	26	23	20	21	
European	22329	1	7	90	204	532	927	1161	1410	1517	1383	1462	1434	1308	1303	1201	
Austrian	115				1		1	5	5	13	6	10	6	11	8	5	
Bulgarian	19							1	3	2	1	1	1	2		2	
Czech and Slovak	302					5	19	9	16	17	16	11	8	10	12	13	
Danish	119						4	5	8	7	7	5	6	5	7		
Finnish	454			1	6	9	16	23	22	24	24	24	29	21	21	29	
French	11466	1	6	63	126	315	516	615	717	758	681	747	718	622	677	578	
German	3308		1	8	22	53	89	141	181	199	190	197	231	205	183	157	
Greek	92					2	5	4	9	5	3	3	7	10	5	5	
Hungarian	344			3	1	14	26	29	26	27	21	7	15	12	11	22	
Icelandic	31							3	2		2	3	2	3	1	3	
Italian	1067			1	2	14	40	48	80	80	76	67	69	86	79	73	
Lithuanian	36				1			3		1	3	3	4	1	1	3	
Netherlands, Flemish, Wal- loon	1449			6	9	32	47	70	102	100	100	84	95	83	88	82	
Norwegian	170			2	7	4	4	12	12	11	8	12	10	13	12	9	
Polish	1137			1	8	13	46	60	71	76	73	85	69	79	63	54	
Roumanian	128			1	1	3	6	11	7	11	9	16	12	8	7	7	
Russian (Races of U.S.S.R.)	257					11	16	14	14	22	22	24	13	16	13	14	
Swedish	243				5	7	8	14	14	26	14	23	15	14	15	18	
Ukrainian*	1393			2	10	39	73	83	109	125	117	126	114	97	94	71	
Yugoslavian	165			4	8	11	11	11	11	11	5	6	8	6	7	9	
Other	34			1	1	1				1	2	5	3	3	1		
Asiatic	91						1	3	5	8	5	4	12	7	11	5	
Chinese	26							2	1	2	1	2	6	1	4	1	
Hindu (East Indian)	1																
Japanese	5							1			1		2				
Syrian	58						1		4	5	3	2	4	6	7	4	
Other	1									1							
Indian	847	1		3	12	14	25	55	45	55	52	54	51	44	41	46	50
Jewish	1108							6	20	28	49	64	93	86	72	84	
Negro	135			3	1	8	7	11	12	10	11	10	5	4	6	3	
Other races	8									1		1		1	1	1	
Unspecified	348				1	11	10	21	20	18	19	26	26	18	26	11	20
Total	74403	1	4	35	237	679	1595	2741	3566	4421	4899	4550	4547	4780	4661	4578	4351

*Including all Ruthenian Russians.

according to Age and Racial Origin of Mothers, Ontario, 1942

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
2812	2474	2221	2031	1782	1543	1304	1168	934	838	613	492	383	348	159	95	74	24	14	8	1	1	16
1486	1322	1172	1089	933	785	666	589	472	398	281	233	172	169	80	51	31	10	9	3	1	...	8
657	605	555	515	480	404	341	307	233	240	178	143	113	105	44	23	24	11	3	2	...	3	3
640	515	471	414	362	341	292	265	222	190	148	111	96	70	34	20	19	3	2	2	...	1	5
29	32	23	13	7	13	5	7	7	10	6	5	2	4	1	1	...	...	...	...	1	...	...
1106	974	840	768	725	648	590	523	492	435	362	266	201	179	108	71	39	18	12	3	1	3	25
7	4	5	4	7	2	2	2	3	4	...	1	1	1	1	1	...	...	...	...	...	...	...
...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	7	11	17	17	14	10	15	21	13	10	5	7	4	1	1	2	...	...	...	...	...	...
8	6	2	3	6	4	7	6	3	5	1	2	3	1	...	1	...	...	...	...	...	...	...
21	12	21	17	26	21	18	14	14	9	9	11	2	3	3	2	...	...	...	...	1	...	1
584	511	431	381	378	305	301	254	245	222	180	151	108	108	67	39	20	10	8	1	...	3	19
178	165	158	126	116	116	104	95	93	66	65	31	31	25	14	12	6	6	3	...	...	...	1
4	4	5	3	4	2	...	1	1	3	2	...	...	...	...	...	...	...	...	...	...	...	...
9	8	10	11	12	15	11	14	4	11	8	5	3	2	3	1	1	1	...	...	1	...	...
1	3	...	...	1	1	3	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...
49	58	27	33	35	17	21	20	15	25	14	6	12	9	3	4	3	...	...	1	...	...	...
...	1	1	2	1	1	...	5	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...
69	62	64	54	47	59	41	31	27	24	22	20	12	7	5	5	...	1	...	...	...	...	1
7	6	6	5	5	5	7	1	1	2	4	...	2	1	1	1	...	...	...	...	...	...	1
55	50	41	54	30	37	27	29	25	22	22	13	12	9	3	5	3	...	...	...	...	...	2
5	5	6	3	1	2	1	5	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
14	10	4	14	5	7	4	6	7	1	3	...	...	2	...	...	1	...	...	...	...	...	...
13	7	4	5	4	11	3	3	3	5	5	4	1	...	...	2	...	...	...	...	...	...	...
60	49	37	32	27	23	24	15	19	17	9	8	1	5	5	...	1	...	...	...	1	...	...
5	3	6	4	3	3	7	5	7	4	5	7	5	2	1	...	1	...	...	...	...	...	...
6	1	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	5	5	4	5	...	2	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	2	2	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	3	3	3	5	...	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...
33	39	30	20	26	17	17	31	15	17	15	11	9	7	1	5	...	1	1	...	...	...	4
101	84	58	63	49	35	42	35	29	18	7	6	4	2	2	1	...	...	...	...	...	...	3
7	4	4	2	7	6	4	2	...	1	...	2	2	2	1	...	...	...	...	...	...	...	...
...	1	1	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	17	11	12	7	3	7	8	10	4	2	2	5	2	...	1	...	...	...	...	...	...	17
4078	3598	3169	2900	2602	2252	1966	1770	1481	1313	999	779	604	538	271	173	113	42	27	12	2	4	65

Table 13—Births (exclusive of Stillbirths) Classified

Birthplace of Father	Total Fathers	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	60,935	47	397	346	3198	48,272	1258	1538	446	213	30	1978	243	784	59	12
Prince Edward Island	73	17	4	4	2	32	1	1	1	1	3	1	1	13	1	1
Nova Scotia	581	3	131	24	23	300	7	13	5	4	25	1	1	1	2	1
New Brunswick	415	4	9	116	49	167	15	7	4	2	15	1	1	9	2	1
Quebec	3,657	4	16	35	1407	1,863	31	50	18	8	1	75	5	28	2	2
Ontario	52,347	14	210	148	1625	44,221	597	781	249	125	6	1707	226	688	44	10
Manitoba	1,473	1	7	8	30	615	466	119	34	10	1	53	5	17	3	1
Saskatchewan	1,592	2	10	8	34	676	116	529	41	13	5	56	1	12	6	1
Alberta	469	2	7	2	14	249	15	24	80	11	1	17	1	4	1	1
British Columbia	266	3	1	11	129	11	13	14	39	1	22	2	2	7	1	1
Province, unspecified	62	1	1	1	3	20	1	1	1	1	22	5	1	5	1	1
British Isles	7,237	10	54	25	185	4,525	127	119	45	23	17	1048	230	517	37	5
England	4,500	4	35	12	126	2,872	80	78	25	11	14	795	69	178	19	4
Ireland	786	1	2	3	19	456	17	11	5	3	68	131	51	1	1	1
Scotland	1,706	5	15	8	35	1,032	27	26	13	8	3	161	25	278	3	1
Wales	206	2	2	2	4	139	2	4	2	1	18	3	7	14	1	1
Other	39	1	1	1	1	26	1	1	1	1	6	2	3	1	1	1
British Possessions	263	5	4	8	129	6	6	4	1	1	30	3	8	1	1	1
Newfoundland	132	4	3	6	64	2	2	2	1	1	13	2	7	1	1	1
Other	131	1	1	2	65	4	4	4	1	1	17	1	1	1	1	1
Europe	4,266	12	6	101	1,310	203	162	31	9	9	62	5	32	2	2	1
Austria	121	3	3	3	37	15	6	2	1	1	2	2	2	2	1	1
Belgium	135	3	3	3	44	4	1	1	1	1	2	2	2	2	1	1
Czechoslovakia	264	2	2	2	24	8	8	1	1	1	2	2	2	2	1	1
Denmark	105	2	3	46	4	3	1	3	1	3	1	5	1	1	1	1
Finland	211	1	7	3	2	1	1	1	1	1	1	1	1	1	1	1
France	23	2	11	1	2	1	2	2	2	2	1	1	1	1	1	1
Germany	160	1	4	77	4	9	2	2	2	2	5	7	3	3	1	1
Hungary	286	1	6	40	2	12	2	2	2	2	7	2	3	3	1	1
Italy	558	2	18	267	6	2	1	1	1	1	7	2	3	3	1	1
Netherlands	136	1	69	6	3	2	1	1	1	1	3	2	1	1	1	1
Norway	75	2	1	32	7	8	1	1	1	1	7	1	1	1	1	1
Poland	955	5	19	253	74	42	8	2	6	2	6	2	2	2	1	1
Roumania	148	5	38	10	18	1	1	1	1	1	1	1	1	1	1	1
Russia (U.S.S.R.)	551	18	152	40	33	9	1	1	12	1	3	3	1	1	1	1
Sweden	94	1	2	38	9	5	3	2	2	2	3	3	3	3	1	1
Yugoslavia	205	6	36	5	3	2	2	2	2	2	4	3	3	3	1	1
Other	199	8	75	5	5	5	5	5	5	5	1	4	3	3	1	1
Asia	107	1	3	2	9	51	3	4	1	7	2	1	2	2	1	1
China	56	3	5	29	2	1	1	5	2	2	2	1	2	2	1	1
Japan	8	1	5	2	5	1	1	2	2	2	2	1	2	2	1	1
Other	43	1	2	4	17	1	2	2	2	2	2	1	2	2	1	1
United States	1,507	3	7	9	66	1,004	33	72	22	9	1	48	8	22	3	1
Other American countries	24	12	3	3	12	3	3	3	3	3	2	1	1	1	1	1
Other countries	6	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1
Unspecified	58	20	2	2	20	2	2	2	2	2	1	1	1	1	1	1
Children born to married mothers	74,403	61	478	392	3567	55,326	1630	1903	550	262	59	3171	490	1366	101	17
Children born to unmarried mothers	3,789	3	36	29	165	2,919	102	100	36	12	6	108	14	48	5	1
Children born to all mothers	78,192	64	514	421	3732	58,245	1732	2003	586	274	65	3279	504	1414	106	18

according to Birthplace of Parents, Ontario, 1942

OF MOTHER

British Possessions		Europe															Asia			United States	Other American countries	Other countries	Unspecified			
Newfoundland	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia	Other	China					Japan	Other	
92	39	10	29	19	13	47	16	26	32	55	29	15	164	14	77	12	14	13	10	6	2	1346	12	5	17	
4	1		1			1		1		2					1							6	1		1	
1						1		1														13				
7	3	1		1		1	3	1		3	1	2	7		5			4				72				
75	27	7	21	14	10	37	12	21	25	48	23	11	121	9	53	7	13	7	8	6	1	1113	9	5	13	
2		1	2	2		3	1		1	2	2		22	2	9	2	1					50	1		1	
3	4	1	3	2	2	2		1	6			1	9	3	8	3						57	1		2	
	3		2	1		1		1					4					1	1			29				
	1					1		1			3	1						1	1			6				
													1		1			1				2				
19	12	2	5	3	3	5	2	4	3	1	5	2	8	2	7	2	1	2	3			174	4	1		
11	7	2	4	2	3	2		2	2	1	5	2	6	1	5	1		1	1			117	3			
3	1					1																12	1			
5	4		1	1		1	2	1	1				2	1	1	1		1	2			41		1		
						1		1						1	1		1					4				
27	19									1								1		1		7	1	1		
27																						1				
	19									1								1		1		6	1	1		
2	4	47	68	211	26	150	5	44	204	221	42	9	596	61	257	20	140	81	1		1	127	3		2	
		31				5		1					7	5	1		1					2				
			59	2		3		1	3	2	6		2		10	1						6				
				191				1	1	3			10				1					6			1	
1				21	5		2			1		2		1		1						5				
			1	1	122									1								7				
1		3		1		1	29		192	1	2		5		2			2				4				
	1	1		5				3	1	215			2	3	3		7		2			22	3			
	1		6		1			3			34		1		1		1		2			2				
	1			1		3						6										2				
	1			5		2		4	1				496	7	31		2	7				27				
	1	2		1		2		2	2				12	35	5		7	1				3				
	1	8		2		8		1	1				40	4	203		3	3	1			13			1	
		2		3		1		1	4	1			9	4	2		118					4				
		1	1	1	1	1		1		1			11	1	9							4				
	2			1															1	3		13	1			
	1																		3				1			
	1			1														1				13				
1	4	1	4		1	5	1	1	3	3	2		11	3	8	1	3	1				147				
			2				1			1			1										3			
																							2			
																							1			33
141	80	60	108	234	43	207	25	75	242	282	78	26	780	80	349	35	158	100	17	7	16	1805	23	7	52	
5	3	1	4	3	2	7	1	6	13	1	4	1	25	7	11		2	2	1			54			52	
146	83	61	112	237	45	214	26	81	255	283	82	27	805	87	360	35	160	102	18	7	16	1859	23	7	104	

Table 14—Legitimate Births (exclusive of Stillbirths) Classified

Birthplace of Mother	Total	AGE OF																
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Canada.....	64,228	1	4	33	225	647	1489	2510	3275	4023	4381	4128	4162	4364	4290	4166	3899	3533
Prince Edward Island.....	61							1	5	3	3	7	2	7	3	4	6	2
Nova Scotia.....	478				1	1	8	8	26	27	39	30	39	30	33	32	36	19
New Brunswick.....	392						7	15	15	26	28	20	24	23	25	25	27	21
Quebec.....	3,567			3	12	28	65	93	124	166	215	202	201	231	224	261	212	189
Ontario.....	55,326	1	4	28	206	594	1349	2234	2877	3518	3767	3553	3542	3715	3643	3490	3282	3010
Manitoba.....	1,630					3	21	51	77	92	112	107	141	144	134	128	108	104
Saskatchewan.....	1,903				1	5	13	29	67	109	142	158	147	160	152	165	145	135
Alberta.....	550				1		4	7	30	33	30	37	44	33	40	50	45	32
British Columbia.....	262						3	1	8	7	15	17	18	16	14	18	29	30
Province unspecified.....	59				1	1	2	3	2	4	5		4	5	5	2	3	3
British Isles.....	5,145				3	7	26	59	103	163	259	218	214	227	182	211	225	262
England.....	3,171				1	5	14	29	57	102	163	139	133	159	122	123	128	152
Ireland.....	490					1	3	5	12	11	20	14	14	11	19	30	23	
Scotland.....	1,366				2	1	8	21	31	43	67	59	62	48	44	67	65	79
Wales.....	101						1	4	3	5	8	5	3	6	5	2	2	8
Other.....	17								2	1	1	2						
British Possessions.....	221						2	5	4	6	7	12	8	14	12	5	16	13
Newfoundland.....	141						2	3	2	4	5	10	8	8	8	3	6	10
Other.....	80						2	2	2	2	2	2	2	6	4	2	10	3
Europe.....	2882				2	11	45	114	126	149	143	105	58	61	74	103	116	153
Austria.....	60						1	1	2	2	2	2	2			1	2	
Belgium.....	108					2	2	8	5	11	3	4	2	2	1	11	3	8
Czechoslovakia.....	234						3	18	9	8	11	10	3	2	6	8	9	
Denmark.....	43						2	1	3	1	3	1	2	2	2	2	2	
Finland.....	207					2	6	11	3	6	6	3	4	2	3	7	11	
France.....	25								4	4		2	2	1	2			
Germany.....	75						1	5	6	1	1	3	2	1	1	4	4	
Hungary.....	242				2	1	10	15	22	18	21	12	1	4	4	4	16	4
Italy.....	282						6	7	25	17	13	5	7	6	16	8	13	
Netherlands.....	78					1	2	3	7	9	4	3	7	3	2	5	1	
Norway.....	26					1	1			2	2	1	1	1	1			
Poland.....	780					2	14	29	33	31	22	28	14	14	24	25	30	55
Roumania.....	80					2	5	8		7	2	2	2	2	1	4	7	
Russia (U.S.S.R.).....	349					2	6	9	12	12	12	12	8	11	21	19	28	
Sweden.....	35						1	2		4	3	1	2	1	1	3		
Yugoslavia.....	158					3	7	13	10	13	14	5	2	3	5	3	3	
Other.....	100						1	6	3	3	4	2		7	3	7	6	
Asia.....	40								2		2		1	4		3	3	4
China.....	17								1		1					1	2	1
Japan.....	7								1		1							
Other.....	16												1			2	1	3
United States.....	1,805			2	7	13	32	50	53	77	104	83	102	109	100	89	86	111
Other American countries.....	23							1	1			2	1	1	2	1	2	1
Other countries.....	7											1	1		1			
Unspecified.....	52				1	1	2	2	2	3	3						4	1
Total.....	74,403	1	4	35	237	679	1595	2741	3566	4421	4899	4550	4547	4780	4661	4578	4351	4078

according to Age and Birthplace of Mothers, Ontario, 1942

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
3050	2626	2305	2028	1725	1480	1273	1091	967	699	543	425	393	197	117	80	34	22	6	...	2	35
2	4	3	1	...	3	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...
20	29	10	16	16	17	8	9	9	3	3	4	4	1	...	...	...	...	...	...	...	...
24	13	19	14	12	8	8	9	6	5	5	5	5	...	...	2	1	...	...	...	...	...
164	155	146	151	101	101	88	83	80	67	46	50	45	20	14	12	4	5	...	2	7	7
2587	2247	1990	1740	1513	1290	1133	972	849	608	473	356	336	174	102	66	29	17	6	...	25	25
108	74	61	48	28	36	13	7	9	9	9	4	...	1	...	...	...	...	...	...	...	1
87	75	48	34	33	11	12	7	4	4	4	3	1	...	1	...	...	...	...	...	...	1
40	19	18	13	8	7	6	2	3	1	1	1	1	...	1	...	...	...	...	...	...	1
15	10	8	9	8	7	4	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	2	2	6	...	1	2	...	...	2	...	1	...	...	...	...	...	...	...	...	...
271	294	335	296	293	261	268	204	186	152	132	99	91	42	30	15	4	3	4	1	2	3
167	182	204	181	192	154	158	136	109	98	79	60	57	29	21	9	2	3	1	1	1	1
26	25	46	39	25	30	27	18	21	14	17	10	8	3	1	1	1	...	...	...	...	1
73	78	80	71	67	73	78	48	52	36	34	29	23	9	7	5	1	...	2	...	1	2
5	8	4	4	7	4	1	2	4	3	1	...	3	1	1	...	...	1	...	...	...	2
...	1	1	1	2	...	4	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...
24	13	14	12	9	9	11	5	6	3	4	...	4	2	1	...	...	...	...	...	...	...
14	9	11	7	5	2	8	2	4	2	4	...	2	1	1	...	...	...	...	...	...	...
10	4	3	5	4	7	3	3	2	1	...	...	2	1	...	...	...	...	...	...	...	...
134	136	160	170	151	142	150	134	123	98	70	58	35	26	16	12	1	1	2	1	...	2
2	1	7	6	2	4	3	5	4	3	2	1	3	4	1	1	...	...	...	...	...	...
5	4	3	2	5	6	4	1	5	4	...	1	2	...	...	...	...	...	...	...	...	...
4	10	10	15	13	8	12	24	13	10	5	6	5	1	1	2	...	...	...	...	...	...
1	1	2	2	4	3	2	3	1	1	3	...	...	...	...	...	...	...	...	...	...	...
6	10	12	20	17	14	11	13	8	10	10	2	3	3	2	...	...	1	...	...	...	1
1	...	1	2	1	1	1	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...
2	4	2	4	4	3	5	6	2	8	2	4	1	...	1	1	...	...	...	...	...	...
6	8	9	10	11	13	13	3	10	8	5	3	2	3	1	1	1	...	1	...	...	...
21	7	11	17	9	9	15	9	17	9	6	12	7	3	3	3	...	1	...	...	...	...
2	3	2	2	4	2	2	...	2	5	3	1	...	1	2	...	...	...	...	...	...	...
...	2	1	...	5	1	1	1	1	3	2	1	1	1	1	...	...	...	...	...	...	...
43	47	55	53	50	43	39	38	25	23	14	15	5	4	2	1	...	...	1	...	...	1
6	9	6	1	2	2	6	1	4	1	...	...	1	1	...	...	...	...	...	...	...	...
25	19	27	24	18	18	22	16	14	2	3	3	3	2	1	...	...	...	...	...	...	...
2	1	1	...	1	1	1	1	4	1	3	...	...	2	2	...	...	...	...	...	...	...
2	5	5	5	6	8	8	7	6	7	5	2	...	1	...	1	...	...	...	...	...	...
6	5	6	7	6	2	4	7	5	4	3	...	1	...	...	1	...	...	...	...	...	...
3	4	3	4	...	1	3	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...
1	1	3	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	2	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	3	...	1	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
111	94	82	90	69	72	64	44	28	45	29	22	14	4	9	6	3	1	...	...	...	...
3	2	1	...	1	1	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	2	2	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	2	...	1	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	25
3598	3169	2900	2602	2252	1966	1770	1481	1313	999	779	604	538	271	173	113	42	27	12	2	4	65

Table 15—Plural Births Classified to Show Number of Children Born Alive and Stillborn by Sex, for the Province of Ontario, 1942

CLASSIFICATION OF BIRTHS	Total
Twin Births.....	837
Two males (both living).....	259
One male and one female (both living).....	266
Two females (both living).....	261
One male living and one male stillborn.....	13
One male living and one female stillborn.....	9
One male stillborn and one female living.....	3
One female living and one female stillborn.....	10
Two males (both stillborn).....	8
One male and one female (both stillborn).....	4
Two females (both stillborn).....	4
Triplet births.....	12
Three males (all living).....	1
Two males and one female (all living).....	3
One male and two females (all living).....	5
Three females (all living).....	1
Two females living and one female stillborn.....	1
Two females living and one male stillborn.....	1
Total multiple births.....	No. 849
	M. 857
	F. 853*
Total single live births.....	No. 76,551
	M. 39,592
	F. 36,959
Total single stillbirths.....	No. 2,019
	M. 1,066
	F. 953
Total confinements.....	79,419

MARRIAGES

Table 16—Marriages in the Province of Ontario by Months, 1942

	Total Marriages	Months											
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total for the province	45,466	2,592	2,788	2,302	3,659	4,134	5,811	3,941	4,662	4,872	4,189	3,287	3,229

Table 17—Marriages—Conjugal Condition of Contracting Parties, in the Province of Ontario, 1942

	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 ..	45,466	44,694	117	37	212	310	26	53	8	9	98.6	1.2	0.2	98.9	1.0	0.2

Contracting Parties, for the Province of Ontario, 1942

OF BRIDE

Gospel bodies	Greek Catholic Churches	Holiness Movement	International Bible Students	Jewish	Lutherans	Mennonites	Methodists	Moravian Church	Mormons	Non-denominational	Oriental religions	Pentecostal Assemblies	Plymouth Brethren	Presbyterians	Reformed Churches (Christian)	Roman Catholics	Salvation Army	Society of Friends	Spiritualists	Swedenborgians	Unitarians	United Church of Canada	Other religions	Non-religious denominations	Unspecified or unknown
9	11	2	1	7	110	7	33	25	10	23	1	865	1	865	2	805	22	1	1	1	2214	3	6	2	3
5	7		2		32	3	26	4	7	9	2	209	2	209	1	179	10		1	1	532	1	2		
		2		1	1	1		1	2	1		1	1	2	1	1						7	1		
		1				1						2	2	2	2	1						1			
					1	1	1	1	1	1		5	5	5	5	5	1		1	1		21			
											1	12	7	7	7	7						19			
												1	1	1	1										
		11		1	5	1	1	1					15	15	47	47						31	1		
	2				19	2	1	1					10	10	3	3						38			
35												1	4	4	3	3	1					7			
	229				5				1				10	10	77	77	1					13			
1		15										2	1	1	2	2						6			
	1		3		1								8	8	20	20						2			
1	9		1	914	579	12	1	1	1	2		1	69	69	154	2						14			
	1				11	142	2	2	2	1		1	3	3	4	4	1					181		1	
	1	2			5		113			3		4	1	32	44	44						12			
			1		1			36	1	1		1	4	1	8	8						23			
				1	2				159				9	9	17	17						13			
							1	3		151		151	2	7	2	2						1			
		1					1	1					25	7	1	1						17			
	4	5	2	1	4	62	5	22	10	8		9	3	1889	2	395	20	2		1		2			
	2	66	2	1	9	111	5	17	7	20		9	279	6	1	8044	5	3				1082	6	1	
						1				1		1	6	6	6	75						4			
												1						2				21			
					1											1			1			4			
	14	12	10	1	5	140	9	41	31	17		37	2	850	2	737	21	1	1	1		8715	8		4
		1						1				3		4	4	2						11	10		
		1					1			1				1	1	5						2		7	
					2		1			1				3	3	7						5			23
73	360	35	8	947	1089	191	266	1	118	234	1	259	34	4303	7	10585	161	9	4	6	1	13725	37	15	32

Table 20—Marriages—Birthplace of

Birthplace of Bridegroom	Total Bridegrooms	BIRTHPLACE														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province unspecified	England	Ireland	Scotland	Wales	Other
Canada.....	41,925	38	144	93	525	38025	405	583	154	58	3	680	102	328	19	3
Prince Edward Island.....	28	13		1	2	11						1				
Nova Scotia.....	161	2	28	2	3	99	1	8		1		5		4		
New Brunswick.....	119	1	3	21	4	75	1	4	1	1		3		2	1	
Quebec.....	622		4	6	127	394	12	13	3	4		20	2	6		
Ontario.....	39,450	18	96	54	362	36575	224	336	92	33	2	613	90	302	17	3
Manitoba.....	536	1	4	3	9	287	111	45	4	4		13	6	8		
Saskatchewan.....	663	2	5	4	13	369	38	153	10	3		18	2	3	1	
Alberta.....	227	1	2	2	3	134	11	19	41	3		5	1	2		
British Columbia.....	116		2		2	80	7	5	3	9		2		1		
Province unspecified.....	3					1					1		1			
British Isles.....	1,978	2	12	8	33	1300	32	32	20	9	3	296	40	109	6	3
England.....	1,243	1	10	6	22	800	21	20	14	6	1	231	15	45	3	2
Ireland.....	209	1	1	1	3	142	1	3	4		1	17	18	11	1	
Scotland.....	471		1		8	317	9	9	2	3	1	46	6	49	1	
Wales.....	45			1		35	1					2	1	2	1	
Other.....	10					6								2		1
British Possessions.....	80		1		5	48	2	1	3			5	1	1		
Newfoundland.....	42		1		1	29						2	1			
Other.....	38				4	19	2	1	3			3		1		
Europe.....	865	2	3	6	17	378	38	35	6	2	2	14	1	6	1	
Austria.....	29				1	13	3					2				
Belgium.....	11					8	1		1							
Czechoslovakia.....	37					12	3	1				2				
Denmark.....	24				1	16	2			1				1		
Finland.....	66		1	1	3	18			1			1				
France.....	4				1	3										
Germany.....	33					20	1					1		1		
Hungary.....	59				1	19	1	1				1				
Italy.....	68			1	1	44										
Netherlands.....	42			2		23	1	2				2				
Norway.....	33	1	1		2	24		1								
Poland.....	200				4	78	12	14	2			2		1	1	
Roumania.....	37				1	12	2	4				1	1			
Russia (U.S.S.R.).....	109	1	1		1	35	5	8	1		1			2		
Sweden.....	17					10	3					1				
Yugoslavia.....	36					9	2	3				1				
Other.....	60			2	1	34	2	2		1	1			2		
Asia.....	21				1	10		2		1		1				
China.....	12				1	7		1		1						
Japan.....	1					1										
Other.....	8					2		1				1				
United States.....	584	1	4	4	21	390	14	21	7	1		19	6	7	2	
Other American countries.....	3					2	1									
Other countries.....																
Unspecified.....	10					7								2		
Total brides.....	45,466	43	164	111	602	40160	492	674	190	71	8	1015	150	453	28	6

Bridegroom and Brides, 1942

OF BRIDE

British Possessions		Europe																	Asia			United States	Other American countries	Other countries	Unspecified	
Newfoundland	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia	Other	China	Japan	Other					
34	12	9	12	17	...	24	4	13	31	22	12	5	111	15	37	7	22	10	4	357	2	1	4
1	2	5
...	...	...	...	1	...	2	...	1	2	3	1	...	8	...	1	...	7	...	...	...	...	11	...	...	...
30	11	8	12	12	...	21	4	9	24	18	10	5	78	14	32	4	19	7	2	...	...	306	2	1	4
2	...	1	...	2	...	1	...	2	2	3	1	...	15	...	1	...	1	1	...	2	...	12	...	...	...
1	1	...	...	1	...	1	...	1	3	1	...	...	7	...	3	3	2	2	...	...	...	17	...	...	...
...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	4	...	...	...
10	...	2	...	2	1	3	1	1	1	...	1	1	3	1	1	1	1	1	2	...	...	39	...	1	1
8	1	1	...	2	...	1	1	1	...	...	1	1	2	1	1	1	...	1	1	...	...	22	...	...	1
1	...	1	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	4	...	...	...
...	...	...	...	...	1	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	12	...	1	...
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
8	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
1	1	9	2	14	2	50	...	10	29	17	8	1	91	22	48	1	20	9	...	...	...	18	...	...	1
...	...	4	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	2	...	...	...
...	...	...	...	13	...	1	...	1	1	...	1	...	3	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	2	...	39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
...	...	...	...	...	...	1	...	7	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...
...	...	1	...	3	...	1	...	...	25	...	...	...	1	2	...	...	...	...	...	...	...	2	...	...	...
...	...	1	...	...	...	1	...	...	2	17	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
...	...	...	2	...	...	...	...	...	...	7	...	1	...	1	...	...	...	...	...	...	...	2	...	...	...
1	1	1	...	1	...	1	...	1	1	...	...	...	62	4	10	1	1	...	...	...	2	2	4	...	...
...	...	1	...	...	...	...	...	1	...	...	...	...	4	6	1	...	...	...	...	...	...	1	...	...	...
...	1	1	...	...	...	...	...	...	...	...	...	...	16	2	31	...	...	1	...	...	...	1	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	...	...	...	2	2	1	...	...	14	...	...	...	3	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	2	3	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	1	1	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
...	...	1	3	3	...	1	1	1	3	...	...	...	6	...	...	...	...	1	1	...	...	65	1	...	...
...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
53	16	21	17	36	3	78	6	25	64	39	21	7	212	38	86	9	42	21	9	1	1	482	3	2	7	

Table 21—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban, 1942—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Grenville	5	1	1		1			1				1	
Rural	2	1											
Urban	3		1		1			1				1	
Prescott, t.													
Cardinal, vl.	2		1		1								
Kemptville, vl.	1												
Grey	48	6	5	2	4	4	5	4	2	4	5	2	5
Rural	14	3	1		2	1	1	1	1	1	1	1	2
Urban	34	3	4	2	2	3	4	3	2	3	4	1	3
Owen Sound, c.	23	3	4	1	2	2	1	3	1	2	2		2
Durham, t.	2									1		1	
Hanover, t.	7			1		1	2		1			2	
Meaford, t.	2						1				2		
Haldimand	14	1	1	1	1	1	3	1	1	2	1	1	1
Rural	4		1		1				1	1	1		
Urban	10	1		1		1	3	1		1	1	1	
Dunnville, t.	6			1		1	2				1	1	
Caledonia, vl.	2						1						
Hagersville, vl.	2	1						1					
Haliburton	4		1			1		1				1	
Rural	4		1			1		1				1	
Halton	4		1				1		1				
Rural	3		1			1	1						
Urban	1								1				
Burlington, t.													
Georgetown, t.													
Milton, t.													
Oakville, t.	1								1				
Acton, vl.													
Hastings	70	3	12	11	1	6	5	6	4	6	3	5	8
Rural	11	2	3	2			1	1					3
Urban	59	1	9	9	1	6	5	5	4	6	3	5	5
Belleville, c.	50		6	8	1	6	5	5	4	5	3	3	4
Deseronto, t.													
Trenton, t.	4	1	1	1									1
Bancroft, vl.	1		1										
Frankford, vl.													
Madoc, vl.	1												
Marmora, vl.													
Tweed, vl.	3		1									1	
Huron	22	1	2		1	2	1	3	2	1	4	2	3
Rural	7				1	1	1	2	2				
Urban	15	1	2			1		1		1	4	2	3
Clinton, t.	2	1	1										
Goderich, t.	6							1		1		1	2
Seaforth, t.	5		1			1					2		1
Wingham, t.	1										1		
Exeter, vl.	1											1	
Kenora	29	1	1	3	3	3	3	3	3	1	1	2	5
Rural	13	1		1	1	2	3		1	1		1	2
Urban	16		1	2	2	1		3	2	1	1	1	3
Dryden, t.	6		1	1	1				1				2
Keewatin, t.													
Kenora, t.	8			1	1	1		2			1	1	1
Sioux Lookout, t.	2							1	1				
Kent	49	1	7	5	4	7	4	2	5	2	4	6	2
Rural	17	1	3	1	2	2	1	2	1	1	2		1
Urban	32		4	4	2	5	3		4	1	2	6	1
Chatham, c.	28		3	3	2	4	3		4	1	2	5	1
Blenheim, t.													
Dresden, t.	2		1	1									
Ridgetown, t.													
Tilbury, t.	2					1						1	
Wallaceburg, t.													
Lambton	39	1	3	6	5	3	1	2	3	2	4	3	6
Rural	12		1	4	3	1			1				2
Urban	27	1	2	2	2	2	1	2	2	2	4	3	4
Sarnia, c.	23	1	1	2	1	2	1	2	2	1	4	2	4
Forest, t.													
Petrolia, t.	4		1		1					1		1	
Point Edward, vl.													
Watford, vl.													
Lanark	28	2	2	5	2	1	1		3	2	5	2	3
Rural	2												1
Urban	26	2	2	5	2	1	1		3	2	4	2	2
Almonte, t.	4		1	1								1	1
Carleton Place, t.	3			1			1				1		
Perth, t.	9	1	1	1	1	1				1	1	1	1
Smiths Falls, t.	10	1		2	1				3	1	2		
Leeds	28	4		3	5	1	2	4		1	3	2	3
Rural	7	1		2	1		1				1	1	1
Urban	21	3		1	4	1	1	4		1	2	2	2
Brockville, t.	18	2		1	3	1	1	3		1	2	2	2
Gananoque, t.	3	1			1			1					

Table 21—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban, 1942—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lennox.....	4		1		1						1		1
Rural.....	2		1		1						1		1
Urban.....	2												
Napance, t.....	2										1		1
Lincoln.....	52	2	6	4	3	5	2	6	4	5	5	4	6
Rural.....	9		1			1	1			3	1		2
Urban.....	43	2	5	4	3	4	1	6	4	2	4	4	4
St. Catharines, c.....	36	2	4	4	3	2	1	3	4	2	3	4	4
Grimsby, t.....	1							1					
Merriton, t.....	1		1										
Niagara, t.....	5					2		2			1		
Beamsville, vl.....													
Port Dalhousie, vl.....													
Manitoulin.....	16	2	1	1	2		1	2	1		3	1	2
Rural.....	15	2	1	1	2		1	2	1		3	1	1
Urban.....	1												1
Little Current, t.....	1												1
Middlesex.....	73	4	6	3	4	10	5	3	8	8	8	5	9
Rural.....	9	2				2	2			2	1	1	1
Urban.....	64	2	6	3	4	8	5	3	8	6	7	4	8
London, c.....	60	2	5	2	4	7	4	3	8	6	7	4	8
Strathroy, t.....	4		1	1		1	1						
Muskoka.....	15		3		3	2	1	1		1	3	1	
Rural.....	5		1		1					1		1	
Urban.....	10		2		2	2	1	1			3		
Bracebridge, t.....	7		2		1	1	1				2		
Gravenhurst, t.....	2				1								
Huntsville, t.....	1					1							
Nipissing.....	68	7	3	3	7	4	6	10	3	7	7	4	7
Rural.....	25	2	2		3	4	1	7	1	2	2	2	3
Urban.....	43	5	1	3	4	4	5	3	2	5	5	2	4
North Bay, c.....	23	2		1	2	2	5	3	1	1	3	1	2
Cache Bay, t.....	7												
Mattawa, t.....	13	2	1		1	2			1	4	2	1	1
Sturgeon Falls, t.....	33	4		1	5	6	1			7	2	2	5
Norfolk.....	10			1	2	2				1	1	1	3
Rural.....	23	4			3	4	1			6	2	1	2
Urban.....	21	3			3	4	1			6	2	1	1
Simcoe, t.....													
Delhi, vl.....	1												1
Port Dover, vl.....	1												1
Waterford, vl.....	1												1
Northumberland.....	18	3			1	1	3	1	2	2	2	3	
Rural.....	5	1			1				1	2			
Urban.....	13	2				1	3	1	1		2	3	
Campbellford, t.....	4	1											
Cobourg, t.....	8	1				1		1	1		2		
Brighton, vl.....	1											1	
Ontario.....	44	5	4	3	6	1	2	4		1	4	4	10
Rural.....	9	2	1		4						4	1	1
Urban.....	35	3	3	3	2	1	2	4		1	4	3	9
Oshawa, c.....	32	2	2	3	2	1	2	4		1	4	3	8
Uxbridge, t.....	1												1
Whitby, t.....	1												1
Port Perry, vl.....	1		1										
Oxford.....	32	5	1	4	3	3		1	3	2	4	2	4
Rural.....	5			1					1	1	1		
Urban.....	27	5	1	3	3	3		1	2	1	3	2	3
Woodstock, c.....	5			1	1	1			1		1		
Ingersoll, t.....	8	1	1	1	2	1				1	1		
Tillsonburg, t.....	14	4		1		1		1	1		1	2	3
Norwich, vl.....													
Tavistock, vl.....													
Parry Sound.....	38	3	4	3	6	5	1	5	2	1	2		6
Rural.....	16	1	1	2	4	1		1	1	1			4
Urban.....	22	2	3	1	2	4	1	4	1		2		2
Parry Sound, t.....	22	2	3	1	2	4	1	4	1		2		2
Peel.....	11	1	1	1		4			1		2	1	
Rural.....	5	1		1		1					1	1	
Urban.....	6		1			3			1		1		
Brampton, t.....	6		1			3			1		1		
Port Credit, vl.....													
Perth.....	30	3	1	2	5	1	2	5	2	1	2	2	4
Rural.....	10		1	1	3		1		1	1			2
Urban.....	20	3		1	2	1	1	5	1		2	2	2
Stratford, c.....	16	2		1	1	1		5	1		2	1	2
Listowel, t.....	4	1			1		1					1	
Mitchell, t.....													
St. Mary's, t.....													
Milverton, vl.....													
Peterborough.....	57	9	5	3	3	4	6	2	1	2	2	10	10
Rural.....	5	2										1	2
Urban.....	52	7	5	3	3	4	6	2	1	2	2	9	8
Peterborough, c.....	50	7	5	3	2	4	5	2	1	2	2	9	8
Havelock, vl.....	1				1								
Lakefield, vl.....	1						1						

Table 21—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban, 1942—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prescott.....	59	9	5	4	6	6	4	4	5	2	3	3	8
Rural.....	30	7	3	3	2	5	2	1	2	1	1	1	3
Urban.....	29	2	2	1	4	1	2	3	3	2	2	2	5
Hawkesbury, t.....	24	2	2	1	3	2	3	2	2	2	2	1	4
Vankleek Hill, t.....	4				1	1			1			1	
L'Orignal, vl.....	1								1				1
Prince Edward.....	16		1	3	2	1		1	2		2	2	2
Rural.....	7		1	2	1				1		1	1	1
Urban.....	9			1	1			1	1		1	2	1
Picton, t.....	9			1	1			1	1		1	2	1
Wellington, vl.....													
Rainy River.....	23		2	1	2	3	2		1	1	2	2	7
Rural.....	40		1		2	1	1				1		4
Urban.....	13		1	1		2	1		1	1	1	2	3
Fort Francis, t.....	9			1		2			1	1		2	2
Rainy River, t.....	4		1				1				1		1
Renfrew.....	70	5	5	7	6	2	3	3	7	13	6	4	9
Rural.....	27		3	2	2	1	1	1	4	5	1	2	5
Urban.....	43	5	2	5	4	1	2	2	3	8	5	2	4
Arnprior, t.....													
Pembroke, t.....	29	3	2	4	2	1	2	1	3	6	2		3
Renfrew, t.....	13	2		1	1			1		2	3	2	1
Barry's Bay, vl.....	1				1								
Eganville, vl.....													
Russell.....	25	2	1	2	2	1	5	2	5	1	2	1	1
Rural.....	19	2	1	2	2	1	3	2	3	1	2	1	1
Urban.....	6				2		2	2	2				
Rockland, t.....	5				2		2		1				
Casselman, vl.....	1								1				
Simcoe.....	89	7	6	4	7	9	10	5	4	8	12	13	4
Rural.....	17	2	3	2	2	2	1	1			6		1
Urban.....	72	5	3	2	7	7	10	4	4	8	6	13	3
Alliston, t.....	6				2	3	1						
Barrie, t.....	14	1			3		2		1	2		3	2
Collingwood, t.....	12	1	1				2		2	1	3	2	
Midland, t.....	9					1	2		1	1		3	1
Orillia, t.....	22	2	2	2	2	1	2	1	1	3	3	3	
Penetanguishene, t.....	9	1				2	1	2		1		2	
Stayner, t.....													
Bradford, vl.....													
Victoria Harbour, vl.....													
Stormont.....	58	4	3	3	7	6	4	8	3	10	3	1	6
Rural.....	13	1	2	1	1	2	1	1	1			1	3
Urban.....	45	3	1	2	6	4	3	8	2	10	3		3
Cornwall, t.....	45	3	1	2	6	4	3	8	2	10	3		3
Sudbury.....	129	12	23	9	13	10	6	19	9	9	10	4	5
Rural.....	54	7	9	5	5	5	1	7	5	3	5		2
Urban.....	75	5	14	4	8	5	5	12	4	6	5	4	3
Sudbury, c.....	71	5	14	3	8	5	5	11	4	6	4	3	3
Capreol, t.....													
Coniston, t.....	2							1				1	
Coppercliff, t.....	2			1							1		
Thunder Bay.....	69	3	3	5	10	2	5	9	10	7	4	6	5
Rural.....	14	1		1	1			4	3		2		2
Urban.....	55	2	3	4	9	2	5	5	7	7	2	6	3
Fort William, c.....	27		1	3	4	1	3	3	4	4	1	2	1
Port Arthur, c.....	28	2	2	1	5	1	2	2	3	3	1	4	2
Geraldton, t.....													
Timiskaming.....	60	7	5	5	7	5	6	2	4		5	4	10
Rural.....	45	4	2	5	6	4	4	2	3		3	3	9
Urban.....	15	3	3		1	1	2		1		2	1	1
Cobalt, t.....	3	1	1						1				
Englehart, t.....	2						1				1		
Haileybury, t.....	5	1	1			1	1				1		
Larder Lake, t.....	2	1										1	
New Liskeard, t.....	3		1		1								1
Victoria.....	19	2	1	2	3	1			1	3	1	2	3
Rural.....	6	1	1						1	2			1
Urban.....	13	1		2	3	1			1	1	1	2	2
Lindsay, t.....	12	1		2	3	1			1	1	2	1	1
Bobcaygeon, vl.....	1												1
Fenelon Falls, vl.....													
Waterloo.....	70	5	5	4	8	7	5	5	7	7	5	8	4
Rural.....	9	1					1			2	2	1	2
Urban.....	61	4	5	4	8	7	4	5	7	5	3	7	2
Galt, c.....	13	1			2	1	1	1	3			2	1
Kitchener, c.....	44	3	5	3	6	6	2	4	4	4	1	5	1
Elmira, t.....													
Hespeler, t.....													
Preston, t.....	1			1									
Waterloo, t.....	2						1				1		
New Hamburg, vl.....	1									1			

Table 21—Deaths of Children under One Year (exclusive of Stillbirths) in the Province of Ontario, by Months, Classified as Rural and Urban, 1942—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Welland.....	84	7	4	6	8	7	10	6	5	8	8	8	7
Rural.....	7	2		2			1	2					
Urban.....	77	5	4	4	8	7	9	4	5	8	8	8	7
Niagara Falls, c.....	20	4		2	2	2	2	1	3	1	1	1	3
Welland, c.....	37	1	2	1	4	4	3	2	2	4	5	5	4
Fort Erie, t.....	14		1	1	1	1	3	1		3	2	1	
Port Colborne, t.....	5		1	2			1					1	
Thorold, t.....	1				1								
Chippawa, vl.....													
Fonthill, vl.....													
Humberstone, vl.....													
Wellington.....	37	6	3	5	3	3		2	1	6	3		5
Rural.....	19	5	1	3	2			2		3	2		1
Urban.....	18	1	2	2	1	3			1	3	1		4
Guelph, c.....	8	1	1			1				2			2
Harriston, t.....													
Mount Forest, t.....	1			1									
Palmerston, t.....	1			1									
Elora, vl.....	1												
Fergus, vl.....	7		1		1	2				1	1		1
Wentworth.....	135	15	10	15	11	10	10	8	10	8	10	14	14
Rural.....	6	1		1			1			1		1	1
Urban.....	129	14	10	14	11	10	9	8	10	7	10	13	13
Hamilton, c.....	129	14	10	14	11	10	9	8	10	7	10	13	13
Dundas, t.....													
Stoney Creek, vl.....													
York.....	552	42	42	63	60	40	35	54	43	39	45	43	46
Rural.....	45	3	2	4	8	1	3	3	4	2	4	6	5
Urban.....	507	39	40	59	52	39	32	51	39	37	41	37	41
Toronto, c.....	489	37	39	57	50	38	30	50	37	36	39	36	40
Aurora, t.....													
Leaside, t.....													
Mimico, t.....								1					
Newmarket, t.....	8		1	1			1				2		1
New Toronto, t.....	4	1			1	1			1				
Weston, t.....	1						1						
Forest Hill, vl.....													
Long Branch, t.....												1	
Markham, vl.....	1												
Richmond Hill, vl.....													
Stouffville, vl.....	2			1						1			
Sutton, vl.....													
Swansea, vl.....	1	1											
Woodbridge, vl.....													
District of Patricia.....	5						1	1	1				2

Table 22—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, 1942

	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....	3,139	1,790	1,349	30	14	16	1,991	1,135	856	27	11	16

Children under One Year of Age, Classified according to Residence of Decedents in of 5,000 Population and Over, 1942

Year 1941

IN INSTITUTIONS									DEATHS ELSEWHERE THAN IN INSTITUTIONS														
Residents			Non-resident in City, Town or Village Where Death Occurred and						Total			Residents			Non-resident in City, Town or Village 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.			
16	7	9	30	12	18				4	3	1	3	2	1	1	1							
20	14	6	9	2	7				5	1	4	4	1	3	1	1							
9	5	4	19	7	12																		
23	16	7	2		2				2	1	1	2	1	1									
7	3	4				1	1		5	2	3	5	2	3									
4	1	3	2	2					2	2	2	2	2	2									
87	52	35	20	9	11	1	1		21	9	12	21	9	12	5	1							
27	15	12	27	15	12				9	3	6	8	3	5	1								
20	9	11	14	6	8				10	5	5	9	5	4	1								
33	18	15	22	13	9				5	3	2	5	3	2									
15	6	9	5	3	2																		
11	7	4	6	4	2				6	3	3	6	3	3									
17	13	4	9	5	4				6	5	1	6	5	1									
125	62	63	56	28	28	15	5	10	19	9	10	19	9	10									
11	5	6	8	4	4				4	2	2	3	2	1									
22	14	8	16	9	7				12	8	4	12	8	4									
14	9	5	9	5	4	1	1		4	4	4	13	3	3					1	1			
13	5	8	13	9	4				10	4	6	7	3	4									
16	9	7	9	7	2				3	2	1	2	1	1	3	1			2				
13	7	6	9	3	6				1	1	1	1	1	1									
24	14	10	8	3	5				12	6	6	12	6	6									
7	2	5	5	3	2				4	2	2	4	2	2									
36	25	11	18	12	6				17	12	5	16	12	4									
309	177	132	98	66	32				82	41	41	77	40	37	4				4	1	1		
11	5	6	23	16	7				3	2	1	3	2	1									
84	53	31	40	23	17				21	11	10	20	10	10					1	1			
									5	2	3	5	2	3									
7	3	4	3	1	2				4	4		3	3		1	1							
4	1	3	2	1	1																		
11	8	3	5	2	3				2	2	2	2	2	2									
2	1	1	1	1					5	3	2	4	2	2	1	1							
5	3	2	6	5	1				1	1	1	1	1	1									
16	10	6	20	12	8	2		2	7	5	2	7	5	2									
									12	6	6	11	5	6	1	1							
8	4	4	5	2	3				1	1	1	1	1	1									
4	3	1	4	2	2				1	1	1	1	1	1									
6	5	1	2	2	2	2		2	14	8	6	13	8	5	1				1				
2	2	2	4	2	2				2	2	2	2	2	2									
2	2		5	5		1		1	1	1		1	1										
			1	1					1	1		1	1										
6	4	2	4	2	2				2	1	1	2	1	1									
4	3	1	3	2	1				2	1	1	2	1	1									
									1	1		1	1										
									4	1	3	4	1	3									
9	5	4	8	4	4				5	1	4	5	1	4									
14	10	4	8	5	3																		
16	13	3	8	4	4	3	1	2	2	1	1	2	1	1									
									5	2	3	2	1	1	3	1			2				
1			3		3																		
									1	1		1	1										
1			4	2	2				8	4	4	8	4	4									
8	5	3	11	10	1				2	2	2	2	2	2	2	2							
2	2		5	3	2				3	1	2	3	1	2									
1			1																				
20	7	13	4	2	2				7	3	4	7	3	4									
									4	4		4	4										
									2		2	2		2									
									1		1	1		1									
									1		1	1		1									
									1		1	1		1									
									1		1	1		1									

Table 24—Deaths of Children under One Year (exclusive of Stillbirths), by Age at Death, in the Province of Ontario, 1942

Ages	Total	3,139
All infants.....	M.	1,790
	F.	1,349
Under 1 day.....	M.	469
	F.	317
1 day.....	M.	163
	F.	133
2 days.....	M.	110
	F.	69
3 days.....	M.	68
	F.	35
4 days.....	M.	43
	F.	30
5 days.....	M.	25
	F.	30
6 days.....	M.	25
	F.	18
Under 1 week.....		1,535
	M.	903
	F.	632
1 week and under 2 weeks.....	M.	94
	F.	84
2 weeks and under 3 weeks.....	M.	59
	F.	52
3 weeks and under 1 month.....	M.	48
	F.	50
Under 1 month.....	M.	1,922
	F.	1,104
1 month and under 2 months.....	M.	255
	F.	146
2 months and under 3 months.....	M.	213
	F.	123
3 months and under 4 months.....	M.	90
	F.	157
4 months and under 5 months.....	M.	90
	F.	67
5 months and under 6 months.....	M.	122
	F.	68
6 months and under 7 months.....	M.	54
	F.	118
7 months and under 8 months.....	M.	65
	F.	53
8 months and under 9 months.....	M.	85
	F.	52
9 months and under 10 months.....	M.	33
	F.	70
10 months and under 11 months.....	F.	38
	F.	32
11 months and under 12 months.....	M.	65
	F.	39
	F.	26
	M.	52
	F.	25
	F.	27
	M.	41
	F.	21
	F.	20
	M.	39
	F.	19
	F.	20

Table 25—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Racial Origin of Decedents, in the Province of Ontario, 1942

Racial Origins	Total
British.....	1,860
English.....	1,046
Irish.....	466
Scottish.....	329
Other.....	19
European.....	1,056
Austrian.....	10
Bulgarian.....	4
Czech and Slovak.....	12
Danish.....	4
Finnish.....	10
French.....	655
German.....	106
Greek.....	1
Hungarian.....	21
Icelandic.....	..
Italian.....	44
Lithuanian.....	..
Netherland, Flemish, Walloon.....	55
Norwegian.....	6
Polish.....	52
Roumanian.....	7
Russian (Races of U.S.S.R.).....	5
Swedish.....	14
Ukrainian*.....	41
Yugoslavic.....	8
Other.....	1
Asiatic.....	8
Chinese.....	5
Hindu (East Indian).....	..
Japanese.....	1
Syrian.....	2
Other.....	..
Indian.....	119
Jewish.....	32
Negro.....	7
Other races.....	..
Unspecified.....	57
All origins.....	3,139

*Including all Ruthenian Russians.

Table 26—Deaths of Children under One Year of Age (exclusive of Province of

Birthplace of Father	Total Fathers	BIRTHPLACE														
		Canada									British Isles					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. unspecified	England	Ireland	Scotland	Wales	Other
Canada.....	2,471	16	13	164	1,990	39	45	13	6	37	54	10	25	1	.....
Prince Edward Island.....	1	1	.....	.....	7	.....	1	.....	.....	.....	1	.....	.....	.....	.....
Nova Scotia.....	17	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Brunswick.....	9	4	1	.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Quebec.....	189	1	2	90	86	2	4	.....	.....	.....	1	.....	.....	.....	.....
Ontario.....	2,087	10	3	68	1,837	9	15	8	3	5	48	10	24	1	.....
Manitoba.....	52	.....	1	2	17	23	2	1	.....	.....	.....	.....	.....	.....	.....
Saskatchewan.....	55	.....	.....	1	25	4	19	4	2	1	.....	.....	.....	.....	.....
Alberta.....	10	.....	.....	.....	8	.....	1	.....	.....	.....	1	.....	.....	.....	.....
British Columbia.....	6	.....	.....	1	2	.....	.....	.....	1	.....	1	.....	.....	.....	.....
Province unspecified.....	45	.....	1	.....	6	1	2	.....	31	2	.....	1	.....	.....	.....
British Isles.....	255	1	2	6	158	5	3	1	1	6	42	7	9	2	.....
England.....	163	1	.....	4	100	5	3	1	2	35	.....	5	1	.....	.....
Ireland.....	27	.....	.....	.....	13	.....	.....	.....	1	4	7	1	1	.....	.....
Scotland.....	56	1	1	2	39	.....	.....	.....	1	3	2	3	.....	.....	.....
Wales.....	9	.....	.....	.....	6	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Other.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
British Possessions.....	10	.....	.....	1	5	.....	.....	.....	.....	.....	1	1	.....	.....	.....
Newfoundland.....	3	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other.....	7	.....	.....	.....	3	.....	.....	.....	.....	.....	1	1	.....	.....	.....
Europe.....	160	.....	.....	2	51	4	6	1	.....	8	1	.....	1	.....	.....
Austria.....	9	.....	.....	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Belgium.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Czechoslovakia.....	11	.....	.....	.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Denmark.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Finland.....	5	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
France.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Germany.....	5	.....	.....	.....	3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Hungary.....	16	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Italy.....	20	.....	1	.....	10	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Netherlands.....	8	.....	.....	.....	4	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Norway.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Poland.....	24	.....	.....	.....	6	1	1	.....	.....	3	.....	.....	.....	.....	.....
Roumania.....	7	.....	.....	.....	2	.....	.....	.....	.....	1	.....	1	.....	.....	.....
Russia (U.S.S.R.).....	23	.....	.....	.....	2	1	2	1	.....	1	.....	.....	.....	.....	.....
Sweden.....	5	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yugoslavia.....	9	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Other.....	9	.....	.....	.....	6	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Asia.....	6	.....	.....	.....	2	.....	.....	.....	2	1	.....	.....	.....	.....	.....
China.....	4	.....	.....	.....	2	.....	.....	.....	1	1	.....	.....	.....	.....	.....
Japan.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Other.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
United States.....	54	.....	1	1	2	31	.....	3	1	1	2	5	.....	2	.....
Other American countries.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other countries.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unspecified.....	183	.....	1	.....	7	134	3	6	.....	2	4	.....	.....	.....	.....
Total Mothers.....	3,139	1	20	14	182	2,371	51	63	16	10	56	107	18	37	3	1

Stillbirths) Classified According to Birthplaces of Parents, in the Ontario, 1942

OF MOTHER

Newfoundland	Europe																Asia			United States	Other American countries	Other countries	Unspecified					
	British Possessions	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia	Other					China	Japan	Other		
..	..	1	..	1	..	1	..	1	1	..	4	..	7	..	2	40
..	1
..	..	1	1
..	1	..	1	3	..	6	..	1	3
..	1	1	..	1	1
..	1	1	2	1	7
..	1	1	2	1	3
..	1
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1	..	3	2	9	1	5	2	4	16	8	6	..	22	2	15	3	8	59	1	..	22

Table 27—Deaths of Children (exclusive of Stillbirths) from Certain Specified Causes in First Year of Life by Sex and Calendar Month of Death, Ontario, 1942

CAUSES OF DEATH	Total under 1 year		MONTH OF DEATH																								
	Total		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.....	3,139	1,790	1,349	1,445	114	156	98	157	109	174	138	135	139	134	85	142	116	133	98	150	106	148	110	151	106	165	130
6. Cerebrospinal meningitis.....	4	2	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
8. Scarlet fever.....	3	2	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
9. Whooping-cough.....	49	23	26	3	6	1	2	1	2	3	2	4	2	1	1	3	2	2	2	3	4	1	2	1	2	1	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. Erysipelas.....	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
13. 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
14-22. Tuberculosis, other forms.....	19	11	8	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. Purulent infection and septicaemia.....	20	12	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27. Dysentery.....	67	39	28	5	2	3	7	1	2	7	4	4	2	3	2	1	2	1	2	1	2	4	1	2	2	2	7
30. Syphilis.....	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
33. Influenza.....	53	31	22	4	3	3	5	2	1	1	1	2	1	1	1	3	4	2	4	2	6	1	1	3	2	1	3
34. Acute poliomyelitis and polioencephalitis.....	29	16	13	2	4	1	3	1	3	2	1	1	3	2	1	1	1	2	1	2	3	1	2	3	1	1	1
81. Meningitis (non-meningococcal).....	31	18	13	1	2	1	3	2	2	3	1	1	2	2	1	2	1	2	1	2	3	2	1	2	1	1	1
86. Convulsions.....	5	5	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
89. Diseases of the ear and of the mastoid process.....	10	6	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
105. Diseases of the larynx.....	256	153	103	15	9	21	10	16	11	16	15	8	6	11	3	8	8	4	4	6	4	13	6	14	8	21	19
106. Bronchitis.....	141	71	70	14	9	6	5	6	5	5	7	6	5	4	2	4	7	2	4	3	3	7	4	5	8	9	11
107. Bronchopneumonia.....	8	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
108-109. Pneumonia.....	116-118. Diseases of the stomach.....	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
115. Diseases of the buccal cavity and appendix, and of the pharynx and tonsils.....	116-118. Diseases of the stomach.....	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
116-118. Diseases of the stomach.....	220	116	104	5	6	4	5	8	5	7	10	7	10	6	5	10	7	18	7	18	16	11	17	18	11	6	8
119. Diarrhoea and enteritis.....	4	3	1	2	2	2	3	3	2	3	4	3	3	2	2	3	3	4	3	4	3	4	4	4	4	4	8
130. Acute nephritis.....	583	289	294	23	17	27	33	26	27	23	18	35	22	17	25	29	20	28	28	24	22	22	17	23	27	27	
157. Congenital malformations.....	97	35	62	2	4	1	4	2	7	2	5	4	6	4	3	6	6	3	3	6	4	4	4	6	4	8	
(A) Congenital hydrocephalus.....	178	108	70	10	3	11	8	12	8	16	3	7	11	6	5	10	5	8	5	12	7	4	4	3	6	9	
(B) Congenital malformations of the heart.....	308	146	162	11	10	15	11	19	11	9	15	7	18	12	9	13	18	9	20	13	11	14	10	11	14	14	
(i. c. e) Others under this title.....	69	44	25	5	3	2	2	2	3	6	1	3	3	2	1	4	1	3	2	6	3	6	4	2	1	3	
158. Congenital debility.....	819	473	346	36	27	32	24	32	24	56	42	39	46	37	32	45	30	36	24	39	28	40	24	39	21	42	
159. Premature birth.....	319	207	112	13	13	15	7	20	6	23	11	20	14	16	10	16	9	21	8	14	8	12	7	23	8	14	
160. Injury at birth.....	207	112	95	13	13	15	7	20	6	23	11	20	14	16	10	16	9	21	8	14	8	12	7	23	8	14	

161. Other diseases peculiar to the first year of life.....	230	147	83	8	8	12	7	13	7	11	7	13	7	14	5	14	7	10	4	12	6	10	6	12	10	18	9
166-168. Homicides.....	19	9	10	1	1	2	1	1	3	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
169-195-197. Other violent deaths.....	78	50	28	3	6	5	1	4	3	5	3	2	3	3	3	5	3	1	4	1	1	7	3	11	3	3	2
Other specified causes.....	57	29	28	2	2	3	2	4	5	3	5	4	3	1	1	3	5	1	1	1	1	1	3	3	3	6	.....
199-200. Ill-defined and unknown causes of death.....	25	16	9	2	.....	1	1	1	1	.....	4	.....	1	3	.....	1	2	1	.....	2	.....	.....	.....	.....	1	5	2

Table 28—Deaths of Children (exclusive of Stillbirths) from Certain Specified

CAUSES OF DEATH	Total	Total under 1 year		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
ALL CAUSES. Total	3,139	1,790	1,349	469	317	434	315	94	84	59	52
6. Cerebrospinal meningitis.....	4	2	2								
8. Scarlet fever.....	3	1	2								
9. Whooping-cough.....	49	23	26					1			
10. Diphtheria.....	1	1									
11. Erysipelas.....	1	1				1					
13. Tuberculosis of the respiratory system.....	4	3	1								
14-22. Tuberculosis, other forms.....	5	3	2								
24. Purulent infection and septicaemia.....	1	1									
27. Dysentery.....	19	11	8								
30. Syphilis.....	20	12	8	1		1	2	1			1
33. Influenza.....	67	39	28					1			
35. Measles.....	2	1	1							1	
64. Diseases of the thymus gland.....	53	31	22	3	2	4	2			1	1
81. Meningitis (non-meningococcal).....	29	16	13								3
86. Convulsions.....	31	18	13	1		7	5	1	1		
89. Diseases of the ear and of the mastoid process.....	5	5									
105. Diseases of the larynx.....	2	1	1								
106. Bronchitis.....	10	6	4								
107. Bronchopneumonia.....	256	153	103		1	3	2	2	2	3	5
108-109. Pneumonia.....	141	71	70			5	4	5	4	2	1
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils.....	8	5	3								
116-118. Diseases of the stomach.....	5	3	2			1					
119. Diarrhoea and enteritis.....	220	116	104			1	2	3	5	10	9
130. Acute nephritis.....	4	3	1								
157. Congenital malformations.....	583	289	294	54	69	64	64	31	33	13	13
(A) Congenital hydrocephalus.....	97	35	62	9	16	5	9	2	3	2	1
(D) Congenital malformations of the heart.....	178	198	70	18	10	29	21	12	3	4	4
(B, C, E) Others under this title.....	308	146	162	27	43	30	34	17	27	7	8
158. Congenital debility.....	69	44	25	5	4	13	3	4	1	6	
159. Premature birth.....	819	473	346	245	146	170	142	28	25	8	14
160. Injury at birth.....	319	207	112	107	60	87	46	3	4	4	2
161. Other diseases peculiar to the first year of life.....	230	147	83	42	23	68	36	7	5	4	2
166-168. Homicides.....	19	9	10	8	7		1				
169-195-197. Other violent deaths.....	78	50	28	2	3	1	3	1	1	4	
Other specified causes.....	57	29	28			1	1	2	1		1
199-200. Ill-defined and unknown causes of death.....	25	16	9	1	2	7	2	3	1		

Causes in First Year of Life, by Sex and Age at Death, Ontario, 1942

AGE AT DEATH

3 weeks & under 1 month		1 month & under 2 months		2 months & under 3 months		3 months & under 4 months		4 months & under 5 months		5 months & under 6 months		6 months & under 7 months		7 months & under 8 months		8 months & under 9 months		9 months & under 10 months		10 months & under 11 months		11 months & under 12 months			
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
48	50	146	109	123	90	90	67	68	54	65	53	52	33	38	32	39	26	25	27	21	20	19	20		
...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
3	1	5	4	5	1	3	3	2	2	1	3	1	2	...	1	2	2	...	...	1	...	...	5
...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	1	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	1	...	...	...	...	1
...	1	2	2	1	2	1	2	1	1	1	2	2	2	2	1	1	1	1	...	...	1	...	1
3	...	2	3	1	1	1	1	4	3	2	2	1	3	4	3	4	2	2	3	3	1	2	1		
...	...	5	2	5	4	5	4	4	3	2	2	1	1	3	4	3	4	2	2	3	3	1	1		
1	...	6	5	4	5	5	4	4	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1		
1	1	2	3	3	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
...	...	1	2	...	1	2	...	2	1	1	...	2	...	2	1	1	1	1	1	1	1	1	1		
...	...	1	1	1	2	2	...	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
5	8	27	11	23	16	26	13	16	9	14	15	13	8	4	5	6	1	4	4	3	3	4	...		
1	1	10	11	5	9	2	12	7	6	5	4	7	3	6	3	4	4	3	4	6	3	3	1		
1	...	...	1	1	...	2	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...
...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...
6	6	23	19	25	12	7	10	12	8	9	8	3	5	4	6	3	2	2	4	4	6	4	2		
...	...	...	...	...	1	1	1	6	10	14	9	11	7	1	7	8	8	6	7	3	3	3	3
9	14	25	25	26	16	11	11	6	10	14	9	11	7	1	7	8	8	6	7	3	3	3	3		
...	5	1	7	4	3	1	1	2	3	2	2	2	2	1	4	1	3	2	2	...	1	1	1		
2	1	5	8	11	3	7	4	1	3	5	5	2	2	4	4	4	1	4	1	2	2	2	2		
7	8	19	10	11	10	3	6	3	4	7	2	7	3	2	4	3	2	1	...	...	1	2	...
1	...	6	7	5	2	2	2	1	1	1	4	...	1	1	...	...	...	...	...	...	...	...	...
6	11	10	3	2	2	3	2	...	1	...	4	...	1	1	...	...	1	...	...	...	...	...	...
3	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
4	2	6	7	5	5	2	...	1	2	1	...	2	...	...	...	1	...	1	...	2	...	1	1
1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	7	2	3	9	7	1	6	1	8	...	...	2	3	...	2	1	2	3	...	1	2	1
...	1	5	2	4	4	5	...	2	6	2	1	2	...	...	2	4	4	1	3	1	1	...	1
1	...	...	1	1	...	...	...	2	...	...	1	...	1	1	1	...	...	...	...	...	...	...	...

Table 29—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions, Showing the Number Non-Resident in the Province of Ontario, 1942

	All Deaths						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 ...	39,119	21,349	17,770	465	352	113	16,754	9,529	7,225	212	138	74

Table 30—Total Deaths (exclusive of Stillbirths) and Deaths in
in Cities, Towns and Villages of
(As of Census

Cities, Towns and Villages	ALL DEATHS											DEATHS				
	Total			Residents			Non-resident in City, Town or Village where Death Occurred and						Total			
	Total	M.	F.	Total	M.	F.	Resident in Province			Non-resident in Province			Total	M.	F.	
							Total	M.	F.	Total	M.	F.				Total	M.	F.
Cities:																
Belleville.....	285	149	136	139	68	71	145	80	65	1	1	1	201	102	99	
Brantford.....	463	241	222	393	210	183	68	31	37	2	2	2	267	147	120	
Chatham.....	347	202	145	280	99	81	160	98	62	7	5	2	254	149	105	
Fort William.....	286	184	102	110	137	73	71	42	29	5	5	1	193	121	72	
Galt.....	194	101	93	164	83	81	29	17	12	1	1	1	91	50	41	
Guelph.....	236	114	122	180	85	95	55	29	26	1	1	1	118	61	57	
Hamilton.....	1909	996	913	1615	835	780	285	154	131	9	7	2	1152	618	534	
Kingston.....	542	284	258	345	164	181	186	114	72	11	6	5	400	213	187	
Kitchener.....	419	220	199	306	161	145	111	58	53	2	1	1	254	136	118	
London.....	1158	575	583	831	401	430	321	169	152	6	5	1	761	393	368	
Niagara Falls.....	288	153	135	219	114	105	62	35	27	7	4	3	160	85	75	
North Bay.....	148	100	48	99	67	32	48	32	16	1	1	1	90	64	26	
Oshawa.....	227	127	100	176	99	77	50	28	22	1	1	1	124	74	50	
Ottawa.....	1938	1011	927	1587	796	791	285	169	116	66	46	20	1227	673	554	
Owen Sound.....	219	112	107	163	85	78	56	27	29	1	1	1	100	49	51	
Peterborough.....	373	205	168	269	148	121	103	57	46	1	1	1	215	128	87	
Port Arthur.....	267	163	104	204	126	78	59	34	25	4	3	1	204	123	81	
St. Catharines.....	381	210	171	267	126	141	110	80	30	4	4	1	189	123	66	
St. Thomas.....	291	146	145	207	101	106	80	42	38	4	3	1	177	93	84	
Sarnia.....	253	129	124	195	96	99	54	29	25	4	4	1	143	73	70	
Sault Ste. Marie.....	281	147	134	227	115	112	53	31	22	1	1	1	161	92	69	
Stratford.....	252	122	130	201	97	104	51	25	26	1	1	1	149	73	76	
Sudbury.....	273	189	84	182	122	60	89	66	23	2	1	1	173	120	53	
Toronto.....	7808	4156	3652	6779	3505	3274	992	621	371	37	30	7	4219	2484	1735	
Wendland.....	224	146	78	131	79	52	90	64	26	3	3	1	149	100	49	
Windsor.....	1099	635	464	860	488	372	225	136	89	14	11	3	676	406	270	
Woodstock.....	191	112	79	143	76	67	48	36	12	1	1	1	96	60	36	
Towns:																
Barrie.....	152	73	79	102	47	55	50	26	24	1	1	1	75	35	40	
Brampton.....	89	44	45	61	29	32	28	15	13	1	1	1	47	27	20	
Brockville.....	189	100	89	127	67	60	58	30	28	4	3	1	143	80	63	
Cobourg.....	105	57	48	70	41	29	34	16	18	1	1	1	56	29	27	
Collingwood.....	107	66	41	64	35	29	43	31	12	1	1	1	61	40	21	
Cornwall.....	300	164	136	180	99	81	109	62	47	11	3	8	204	111	93	
Dundas.....	63	26	37	60	24	36	3	2	1	1	1	1	23	12	11	
Eastview.....	41	21	20	40	20	20	1	1	1	1	1	1	63	30	33	
Fort Erie.....	92	46	46	61	32	29	29	13	16	2	1	1	46	33	13	
Fort Francis.....	64	44	20	42	28	14	21	15	6	1	1	1	41	27	14	
Hawkesbury.....	85	49	36	59	32	27	13	8	5	13	9	4	33	12	21	
Ingersoll.....	90	40	50	66	29	37	24	11	13	1	1	1	65	38	27	
Kenora.....	89	53	36	48	28	20	35	21	13	6	4	2	18	5	13	
Leamington.....	60	24	36	50	21	29	10	3	7	1	1	1	18	5	13	
Leaside.....	28	17	11	23	13	10	5	4	1	1	1	1	8	3	5	
Lindsay.....	152	87	65	99	48	51	53	39	14	1	1	1	83	55	28	
Midland.....	103	60	43	75	41	34	25	16	9	3	3	1	48	28	20	
Mimico.....	24	11	13	21	10	11	3	1	2	1	1	1	9	4	5	
New Toronto.....	131	60	71	31	13	18	100	47	53	1	1	1	97	44	53	
Oroville.....	155	85	70	111	61	50	44	24	20	1	1	1	87	50	37	
Parry Sound.....	125	65	60	72	35	37	53	30	23	1	1	1	87	47	40	
Pembroke.....	181	102	79	111	63	48	59	34	25	11	5	6	134	77	57	
Port Colborne.....	41	20	21	34	16	18	7	4	3	1	1	1	33	20	13	
Port Hope.....	84	43	41	68	31	37	16	12	4	1	1	1	6	3	3	
Preston.....	42	20	22	36	15	21	4	3	1	2	2	1	37	18	19	
Renfrew.....	85	45	40	63	35	28	22	10	12	1	1	1	92	53	39	
Simcoe.....	138	81	57	69	38	31	69	43	26	1	1	1	71	37	34	
Smiths Falls.....	117	59	58	85	41	44	32	18	14	1	1	1	11	7	4	
Thorold.....	45	28	17	36	21	15	9	7	2	1	1	1	87	45	42	
Timmins.....	150	85	65	133	76	57	17	9	8	1	1	1	1	1	1	
Trenton.....	58	28	30	54	26	28	4	2	2	1	1	1	1	1	1	
Waterloo.....	48	19	29	47	18	29	1	1	1	1	1	1	1	1	1	
Weston.....	43	24	19	40	21	19	3	3	1	1	1	1	1	1	1	
Whitby.....	192	90	102	44	28	16	147	61	86	1	1	1	162	74	88	
Villages:																
Forest Hill.....	31	18	13	30	18	12	1	1	1	1	1	1	1	1	1	
Long Branch.....	28	13	15	28	13	15	1	1	1	1	1	1	1	1	1	
Swansea.....	33	14	19	30	14	16	3	3	1	1	1	1	1	1	1	

Institutions, Classified according to Residence of Decedents
 Ontario of 5,000 Population and Over, 1942
 Year 1941)

IN INSTITUTIONS									DEATHS ELSEWHERE THAN IN INSTITUTIONS																	
Residents			Non-resident in City, Town or Village where Death Occurred and						Total			Residents			Non-resident in City, Town or Village 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.						
62	26	36	138	75	63	1	1	84	47	37	77	42	35	7	5	2										
206	119	87	59	28	31	2	2	196	94	102	187	91	96	9	3	6										
90	49	41	159	97	62	5	3	2	93	53	40	90	50	40	1	1	2									
123	78	45	67	40	27	3	3	93	63	30	87	59	28	4	2	2										
62	32	30	28	17	11	1	1	103	51	52	102	51	51	1	1	1										
69	35	34	48	26	22	1	1	118	53	65	111	50	61	7	3	4										
884	468	416	259	143	116	9	7	2	757	378	379	731	367	364	26	11	15									
217	102	115	173	106	67	10	5	5	142	71	71	128	62	66	13	8	5									
150	83	67	103	53	50	1	1	1	165	84	81	156	78	78	8	5	3									
452	228	224	304	161	143	5	4	1	397	182	215	379	173	206	17	8	9									
100	50	50	57	33	24	3	2	1	128	68	60	119	64	55	5	2	3									
46	33	13	44	31	13				58	36	22	53	34	19	4	1	3									
78	48	30	46	26	20				103	53	50	98	51	47	4	2	2									
898	476	422	271	159	112	58	38	20	711	338	373	689	320	369	14	10	4									
56	29	27	44	20	24				119	63	56	107	56	51	12	7	5									
120	75	45	94	53	41	1	1	1	158	77	81	149	73	76	9	4	5									
148	92	56	53	29	24	3	2	1	63	40	23	56	34	22	6	5	1									
91	49	42	95	71	24	3	3	1	192	87	105	176	77	99	15	9	6									
109	57	52	67	36	31	1	1	1	114	53	61	98	44	54	13	6	7									
92	46	46	48	24	24	3	3	1	110	56	54	103	50	53	6	5	5									
112	63	49	48	28	20	1	1	1	120	55	65	115	52	63	5	3	2									
102	50	52	47	23	24				103	49	54	99	47	52	4	2	2									
94	62	32	78	57	21	1	1	1	100	69	31	88	60	28	11	9	2									
3289	1888	1401	905	575	330	25	21	4	3589	1672	1917	3490	1617	1873	87	46	41									
61	36	25	86	62	24	2	2	1	75	46	29	70	43	27	4	2	2									
455	271	184	212	129	83	9	6	3	423	229	194	405	217	188	13	7	6									
51	25	26	45	35	10				95	52	43	92	51	41	3	1	2									
35	14	21	40	21	19				77	38	39	67	33	34	10	5	5									
20	12	8	27	15	12				42	17	25	41	17	24	1	1	1									
88	52	36	53	26	27	2	2		46	20	26	39	15	24	5	4	1									
76	14	12	30	15	15				49	28	21	44	27	17	4	1	3									
28	14	14	33	26	7				46	26	20	36	21	15	10	5	5									
92	49	43	101	59	42	11	3	8	96	53	43	88	50	38	8	3	5									
22	11	11	1	1					40	14	26	38	13	25	2	1	1									
34	17	17	28	13	15	1	1	1	41	21	20	40	20	20	2	1	1									
25	18	7	23	15	6				29	16	13	27	15	12	1	1	1									
17	11	6	12	8	4	12	8	4	44	22	22	42	21	21	1	1	1									
13	3	10	20	9	11				57	28	29	53	26	27	4	2	2									
29	16	13	34	21	13	2	1	1	24	15	9	19	12	7	1	1	1									
9	3	6	9	2	7				42	19	23	41	18	23	1	1	1									
36	21	15	47	34	13				28	17	11	23	13	10	5	4	1									
31	17	14	16	10	6	1	1		69	32	37	63	27	36	6	5	1									
4	3	1	93	41	52				55	32	23	44	24	20	9	6	3									
46	27	19	41	23	18				24	11	13	21	10	17	3	1	2									
37	19	18	50	28	22				34	16	18	27	10	17	7	6	1									
69	40	29	56	34	22	9	3	6	68	35	33	65	34	31	3	1	2									
22	13	9	11	7	4				38	18	20	35	16	19	3	2	1									
2	2	2	3	2	1	1	1		47	25	22	42	23	19	3	3	2									
20	11	9	17	7	10				41	20	21	34	16	18	7	4	3									
31	16	15	61	37	24				51	23	28	46	18	28	5	5	5									
40	19	21	31	18	13				36	17	19	34	15	19	1	1	1									
3	1	2	8	6	2				48	27	21	43	24	19	5	3	2									
71	37	34	16	8	8				46	28	18	38	22	16	8	6	2									
			1	1					46	22	24	45	22	23	1	1	1									
			1	1					34	21	13	33	20	13	1	1	1									
			1	1					63	40	23	62	39	23	1	1	1									
									57	27	30	54	26	28	3	1	2									
									48	19	29	47	18	29	1	1	1									
									42	23	19	40	21	19	2	2	2									
17	14	3	144	59	85	1	1		30	16	14	27	14	13	3	2	1									
									31	18	13	30	18	12			1									
									28	13	15	28	13	15												
									33	14	19	30	14	16	3		3									

Table 31—Deaths (exclusive of Stillbirths) by Single Years of Age and by Age Groups in the Province of Ontario, 1942

AGES	TOTAL FOR PROVINCE			AGES	TOTAL FOR PROVINCE		
	Total	Male	Female		Total	Male	Female
All ages.....	39,119	21,349	17,770	50 years.....	357	225	132
Under 1 year.....	3,139	1,790	1,349	51 ".....	358	214	144
1 year.....	240	146	94	52 ".....	462	286	176
2 years.....	144	76	68	53 ".....	436	256	180
3 ".....	105	60	45	54 ".....	494	314	180
4 ".....	82	55	27	Total 50-54 years.....	2,107	1,295	812
Total under 5 years.....	3,710	2,127	1,583	55 years.....	500	296	204
5 years.....	65	40	25	56 ".....	556	341	215
6 ".....	54	41	13	57 ".....	517	287	230
7 ".....	57	33	24	58 ".....	605	354	251
8 ".....	47	30	17	59 ".....	617	365	252
9 ".....	49	25	24	Total 55-59 years.....	2,795	1,643	1,152
Total 5-9 years.....	272	169	103	60 years.....	600	348	252
10 years.....	48	26	22	61 ".....	565	323	242
11 ".....	46	23	23	62 ".....	738	431	307
12 ".....	52	32	20	63 ".....	728	427	301
13 ".....	49	32	17	64 ".....	771	464	307
14 ".....	53	31	22	Total 60-64 years.....	3,402	1,993	1,409
Total 10-14 years.....	248	144	104	65 years.....	795	474	321
15 years.....	61	31	30	66 ".....	740	427	313
16 ".....	90	65	25	67 ".....	762	427	335
17 ".....	107	70	37	68 ".....	860	486	374
18 ".....	111	66	45	69 ".....	896	505	391
19 ".....	124	81	43	Total 65-69 years.....	4,053	2,319	1,734
Total 15-19 years.....	493	313	180	70 years.....	860	489	371
20 years.....	121	79	42	71 ".....	801	415	386
21 ".....	114	72	42	72 ".....	1,024	554	470
22 ".....	129	79	50	73 ".....	887	496	391
23 ".....	127	86	41	74 ".....	969	513	456
24 ".....	115	66	49	Total 70-74 years.....	4,541	2,467	2,074
Total 20-24 years.....	606	382	224	75 years.....	974	508	466
25 years.....	112	59	53	76 ".....	1,003	530	473
26 ".....	123	58	65	77 ".....	951	483	468
27 ".....	134	70	64	78 ".....	1,024	518	506
28 ".....	123	66	57	79 ".....	507	473	434
29 ".....	105	53	52	Total 75-79 years.....	4,859	2,512	2,347
Total 25-29 years.....	597	306	291	80 years.....	946	477	469
30 years.....	133	62	71	81 ".....	787	381	406
31 ".....	119	65	54	82 ".....	911	453	458
32 ".....	129	70	59	83 ".....	763	376	387
33 ".....	124	70	54	84 ".....	660	291	369
34 ".....	128	63	65	Total 80-84 years.....	4,067	1,978	2,089
Total 30-34 years.....	633	330	303	85 years.....	663	294	369
35 years.....	128	70	58	86 ".....	588	259	329
36 ".....	166	83	83	87 ".....	467	214	253
37 ".....	164	82	82	88 ".....	394	172	222
38 ".....	165	82	83	89 ".....	280	137	143
39 ".....	165	100	65	Total 85-89 years.....	2,392	1,076	1,316
Total 35-39 years.....	788	417	371	90 years.....	276	117	159
40 years.....	164	98	66	91 ".....	214	93	121
41 ".....	206	119	87	92 ".....	180	70	110
42 ".....	235	144	91	93 ".....	103	43	60
43 ".....	210	126	84	94 ".....	82	34	48
44 ".....	223	127	96	Total 90-94 years.....	855	357	498
Total 40-44 years.....	1,038	614	424	95 years.....	47	21	26
45 years.....	237	139	98	96 ".....	37	13	24
46 ".....	254	161	93	97 ".....	39	14	25
47 ".....	302	156	146	98 ".....	37	13	24
48 ".....	309	170	139	99 ".....	19	7	12
49 ".....	318	175	143	Total 95-99 years.....	179	68	111
Total 45-49 years.....	1,420	801	619	100 years and over.....	22	9	13
				Not stated.....	42	29	13

Table 32—Deaths (exclusive of Stillbirths) Classified according to Racial Origin of Decedents in the Province of Ontario, 1942

RACIAL ORIGIN	Total	Male	Female
British.....	29,585	15,724	13,861
English.....	14,596	7,835	6,761
Irish.....	8,229	4,332	3,897
Scottish.....	6,465	3,375	3,090
Other.....	295	182	113
European.....	7,727	4,542	3,185
Austrian.....	108	73	35
Bulgarian.....	20	15	5
Czech and Slovak.....	85	48	37
Danish.....	38	27	11
Finnish.....	219	161	58
French.....	3,306	1,886	1,420
German.....	1,636	873	763
Greek.....	52	40	12
Hungarian.....	115	77	38
Icelandic.....	4	4	.....
Italian.....	351	221	130
Lithuanian.....	22	16	6
Netherland, Flemish, Walloon.....	750	405	345
Norwegian.....	50	33	17
Polish.....	366	246	120
Roumanian.....	44	33	11
Russian (Races of U.S.S.R.).....	130	105	25
Swedish.....	106	64	42
Ukrainian*.....	245	162	83
Yugoslavic.....	62	42	20
Other.....	18	11	7
Asiatic.....	121	104	17
Chinese.....	91	82	9
Hindu (East Indian).....	.....	.....	.....
Japanese.....	3	2	1
Syrian.....	26	19	7
Other.....	1	1	.....
Indian.....	539	283	256
Jewish.....	487	278	209
Negro.....	120	74	46
Other races.....	3	2	1
Unspecified.....	537	342	195
All origins.....	39,119	21,349	17,770

*Including all Ruthenian Russians.

Table 33—Deaths (exclusive of Stillbirths) Classified according to Towns and Villages of 10,000 (As of Census

Province, Cities, Towns and Villages	Total Deaths by Sex	BIRTHPLACE														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. unspecified	England	Ireland	Scotland	Wales	Other
Total for the Province. Total	39,119	39	145	114	1,530	26,421	102	97	35	16	119	4,528	825	1,385	107	56
M.	21,349	73	86	63	852	13,943	66	69	25	10	66	2,539	417	795	61	38
F.	17,770	16	59	51	678	12,478	36	28	10	6	53	1,989	408	590	46	18
Cities, Towns and Villages of 10,000 and over. Total	21,203	25	97	77	887	12,745	56	53	17	9	90	3,116	576	971	76	38
M.	11,398	16	55	42	482	6,560	35	35	13	5	50	1,722	299	563	43	27
F.	9,805	9	42	35	405	6,185	21	18	4	4	40	1,394	277	408	33	11
Belleville. Total	285				4	242	2				1		24		7	
M.	149				4	126	1				1		11		3	
F.	136					116	1						13		4	
Brantford. Total	463		1		3	308	2	1	1				89	9	16	2
M.	241				1	154	2		1				51	7	9	1
F.	222		1		2	154		1					38	2	7	1
Brockville. Total	189				4	152		1					11	3	6	1
M.	100				1	75		1					7	2	5	1
F.	89				3	77							4	1	1	
Chatham. Total	347				3	272	1	4					28	3	5	1
M.	202				2	154		2					18	3	1	1
F.	145				1	118	1	2					10		4	
Cornwall. Total	300	1		1	34	225					3		13	2	2	2
M.	164	1		1	16	124					2		7	1		1
F.	136				18	101					1		6	1	2	1
Forest Hill. Total	31				1	19							5	1	1	
M.	18				1	10							3			
F.	13					9							2	1	1	
Fort William. Total	286		1	1	12	124	7	3			1		31	8	18	
M.	184				7	70	5	2					21	8	13	
F.	102		1	1	5	54	2	1			1		10		5	
Galt. Total	194				2	131		1			3		32	4	12	
M.	101				1	58		1			3		24	4	4	
F.	93				1	73							8		8	
Guelph. Total	236				2	175							33	5	13	
M.	114				1	81							19	1	6	
F.	122				1	94							14	4	7	
Hamilton. Total	1,909	1	10	8	14	1,075	1	4	1	1	5		375	50	120	8
M.	996		6	7	6	524	1	3		1	2		208	21	76	5
F.	913	1	4	1	8	551		1	1		3		167	29	44	3
Kingston. Total	542	2	4	2	11	419	1	1	1				61	9	11	2
M.	284	1	3	1	8	218		1	1				36	1	6	
F.	258	1	1	1	3	201	1						25	8	5	2
Kitchener. Total	419		1		1	319	1		1		1		24	1	5	
M.	220					170			1		1		12		5	
F.	199		1		1	149	1						12	1		

Birthplace of Decedents for the Province of Ontario and for Cities,
Population and Over, 1942

Year 1941)

OF DECEDENTS

British Possessions	Europe																			Asia			United States	Other Amer. countries	Other countries	Unspecified
	Newfoundland	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia	Other	China	Japan	Other				
76	89	121	34	59	23	180	39	223	83	238	15	25	435	70	400	66	57	101	83	3	24	929	15	...	212	
37	54	82	23	37	18	135	28	124	59	148	8	20	277	53	272	45	43	74	79	2	17	480	12	...	169	
39	35	39	11	22	5	45	11	99	24	90	7	5	158	17	128	21	14	27	4	1	7	449	3	...	43	
55	62	88	12	39	15	92	18	102	53	178	9	12	340	59	315	27	37	74	65	3	21	572	10	...	112	
29	32	57	11	27	12	65	14	50	37	105	5	9	208	44	204	17	27	55	62	2	15	271	9	...	84	
26	30	31	1	12	3	27	4	52	16	73	4	3	132	15	111	10	10	19	3	1	6	301	1	...	28	
...	1	4
...	1	2
...	2
...	2	3	1	...	...	...	...	2	6	...	...	...	3	2	2	...	...	1	...	...	1	7	...	...	1
...	1	1	1	...	...	...	...	2	4	...	...	...	1	2	2	...	...	1	...	...	1	7	...	...	1
...	1	2	...	...	...	...	...	2	2	...	...	...	2	...	...	...	...	...	...	...	...	7	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	6	...	...	4
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1
...	1	...	3	5	...	...	1	1	...	1	...	...	1	...	...	...	...	1	...	...	...	15	...	...	1
...	1	...	3	5	...	...	1	...	...	1	...	...	...	...	...	...	...	1	...	...	...	8	...	...	1
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...
...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	1	...	...	...	...	...	11	...	...	2
...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	8	...	...	1
...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	3	...	...	1
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...
1	...	6	...	6	...	19	...	1	...	4	...	...	8	2	16	5	2	...	1	...	...	4	...	...	5
1	...	3	...	4	...	12	...	1	...	3	...	...	7	1	13	4	2	...	1	...	...	1	...	...	5
...	...	3	...	2	...	7	...	...	...	1	...	...	1	1	3	1	...	...	...	...	...	3	...	...	...
1	1	...	...	...	...	...	...	2	...	...	...	...	3	...	...	...	...	...	...	...	...	2	...	...	...
1	1	...	...	...	...	...	...	2	...	...	...	...	3	...	...	...	...	...	...	...	...	2	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	5	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	3	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	...	...
5	2	12	...	3	3	...	...	16	8	28	1	...	35	7	28	3	4	12	4	...	...	53	...	...	4
2	1	7	...	2	2	...	...	6	5	15	1	...	22	4	16	2	3	8	3	...	...	27	...	...	3
3	1	5	...	1	1	...	...	10	3	13	...	...	13	3	12	1	1	4	1	...	...	26	...	...	1
1	1	...	...	...	...	...	...	1	...	...	...	...	1	1	...	...	...	...	2	...	...	8	...	...	3
...	1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	2	...	...	...	2	...	1
...	1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	6	...	...	2
...	...	3	...	...	...	...	1	32	1	2	...	...	8	1	5	...	...	3	...	...	1	6	1	...	1
...	...	2	...	...	...	...	1	14	1	1	...	...	3	1	3	...	...	1	...	...	1	1	1	...	1
...	...	1	...	...	...	...	...	18	1	1	...	...	5	...	2	...	...	2	...	...	...	5	...	...	1

Table 33—Deaths (exclusive of Stillbirths) Classified according to Towns and Villages of 10,000

(As of Census

Province, Cities, Towns and Villages	Total Deaths by Sex	BIRTHPLACE														
		Canada									British Isles					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. unspecified	England	Ireland	Scotland	Wales	Other
London..... Total	1,158	1	3	1	15	808	1	1	1	2	188	27	43	4	3	
M.	575	1	2	1	5	410	1	1	1	1	92	13	21	1	1	
F.	583	1	1	10	10	398	1	1	1	1	96	14	22	3	2	
Niagara Falls..... Total	288	2	1	3	155	1	2	49	10	15	3	7	3	1	1	
M.	153	1	1	2	75	1	2	28	3	7	3	7	3	1	1	
F.	135	1	1	1	80	1	1	21	7	8	1	7	3	1	1	
North Bay..... Total	148	2	21	103	1	9	8	2	6	2	1	1	1	1	1	
M.	100	2	13	66	1	9	6	2	6	2	1	1	1	1	1	
F.	48	1	8	37	1	1	1	1	1	1	1	1	1	1	1	
Oshawa..... Total	227	4	144	47	3	5	1	1	1	1	1	1	1	1	1	
M.	127	3	75	25	2	5	1	1	1	1	1	1	1	1	1	
F.	100	1	69	22	1	1	1	1	1	1	1	1	1	1	1	
Ottawa..... Total	1,938	5	13	19	396	1,122	5	6	2	5	7	131	54	44	5	1
M.	1,011	5	9	6	213	554	3	3	1	3	6	81	31	20	3	1
F.	927	1	4	13	183	568	2	3	1	2	1	50	23	24	2	1
Owen Sound..... Total	219	1	188	8	6	9	1	1	1	1	1	1	1	1	1	
M.	112	1	96	5	4	5	1	1	1	1	1	1	1	1	1	
F.	107	1	92	3	2	4	1	1	1	1	1	1	1	1	1	
Pembroke..... Total	181	2	1	23	129	4	5	4	5	1	1	1	1	1	1	
M.	102	1	1	11	72	2	4	2	4	1	1	1	1	1	1	
F.	79	1	1	12	57	2	1	2	1	1	1	1	1	1	1	
Peterborough..... Total	373	1	3	299	37	6	9	1	1	1	1	1	1	1	1	
M.	205	1	1	168	16	3	6	1	1	1	1	1	1	1	1	
F.	168	1	2	131	21	3	3	1	1	1	1	1	1	1	1	
Port Arthur..... Total	267	2	4	1	19	103	7	5	1	31	6	18	1	1	1	
M.	163	1	1	1	13	56	4	3	1	16	5	10	1	1	1	
F.	104	1	3	6	47	47	3	2	1	15	1	8	1	1	1	
St. Catharines..... Total	381	3	12	216	3	1	64	4	16	1	1	1	1	1	1	
M.	210	3	6	117	2	1	32	1	10	1	1	1	1	1	1	
F.	171	1	6	99	1	1	32	3	6	1	1	1	1	1	1	
St. Thomas..... Total	291	1	1	3	211	1	2	40	2	10	3	2	1	1	1	
M.	146	1	2	105	1	1	23	1	4	1	1	1	1	1	1	
F.	145	1	1	106	1	1	17	1	6	2	1	1	1	1	1	
Sarnia..... Total	253	1	1	3	193	1	23	6	2	1	1	1	1	1	1	
M.	129	1	1	2	93	1	15	3	1	1	1	1	1	1	1	
F.	124	1	1	1	100	1	8	3	2	1	1	1	1	1	1	
Sault Ste. Marie..... Total	281	13	180	2	1	1	19	3	11	1	1	1	1	1	1	
M.	147	6	91	2	1	1	9	1	7	1	1	1	1	1	1	
F.	134	7	89	1	1	1	10	2	4	1	1	1	1	1	1	
Stratford..... Total	252	1	187	44	3	9	1	1	1	1	1	1	1	1	1	
M.	122	1	88	25	1	4	1	1	1	1	1	1	1	1	1	
F.	130	1	99	19	2	5	1	2	4	1	1	1	1	1	1	

Birthplace of Decedents for the Province of Ontario and for Cities,
Population and Over, 1942—Continued
Year 1941)

OF DECEDENTS		Europe														Asia									
British Possessions		Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia	Other	China	Japan	Other	United States	Other Amer. countries	Other countries	Unspecified
2	1			1	1		1	1		4		1	4	1	3		1	1	4		1	32			1
	2	1					1			3				1	1		1	1	4		1	11			1
	1	1	2		2					12			3	1	3		1	1	1			18			1
	1		2		1					7			2	1	3		1	1	1			10			1
		1								5			1									8			
						1							1					1				1			
						1							1					1				1			
	1		4	1	1			1					3	3	5			1	1			1			1
	1		2	1	1			1					2	2	5			1	1						1
			2									1	1	1								1			
	1	4	5	1		2		4	5	8	1	1	6	6	23			2	5		4	40	2		3
	1	2	2	1		2		3	2	4	1	1	4	6	12			2	5		3	18	1		2
		2	3					1	3	4			2		11						1	22	1		1
									2													3			
									1													3			
									7	1		1			1	1						3	1		1
									4	1		1										2	1		
									3													1			1
									3													12			
										2					1							6			
									1						1							6			
																						10			
		1	3		1	1	30			4		2	7		3	6	1		1						
		1	1		1	1	22			4		1	6		3	4	1		1			6			
			2				8					1	1		2							4			
		2	6		3	1	1			4			6	3	16	1		3	1			15			
		1	4		1					2			2	3	13	1		3	1			7			
		1	2		2	1	1			2			4		3							8			
				1	1								1									11			
				1	1																	4			
													1									7			
	1	1					1		2	1			1	1	2				1		1	9			1
	1								2	1			1	1	2				1			3			1
		1					1														1	6			
			2			1	4		1		12		5	1	5		4	1	1		1	10	1		1
			2			1	2			3			5	1	4		3		1			4	1		1
						2			1		9				1		1	1			1	6			
									5														2		1
									1														1		1
									4													1			

Table 33—Deaths (exclusive of Stillbirths) Classified according to Towns and Villages of 10,000

(As of Census

Province, Cities, Towns and Villages	Total Deaths by Sex	BIRTHPLACE														
		Canada									British Isles					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. unspecified	England	Ireland	Scotland	Wales	Other
Sudbury..... Total	273	1	1	41	158	1	4	1	...	8	1	1	1	...		
M.	189	...	1	31	99	1	3	1	...	5	...	1	1	...		
F.	84	...	1	10	59	...	1	...	...	3	1	...	...	...
Timmins..... Total	150	1	1	41	68	...	1	...	...	8	2	1	2	1
M.	85	...	...	19	34	...	1	...	...	6	2	...	1	1
F.	65	...	1	22	34	...	...	...	...	2	...	1	1	...
Toronto..... Total	7,808	11	43	28	132	4,088	18	10	3	2	65	1,510	324	493	37	17
M.	4,156	7	24	13	60	2,060	10	9	3	...	32	830	166	286	22	12
F.	3,652	4	19	15	72	2,028	8	1	...	2	33	680	158	207	15	5
Welland..... Total	224	1	...	15	122	...	...	...	...	25	2	9	3	...
M.	146	1	...	12	76	...	...	...	...	13	2	7	1	...
F.	78	...	...	3	46	...	...	...	...	12	...	2	2	...
Windsor..... Total	1,099	2	6	5	48	673	1	4	3	...	1	117	15	47	2	1
M.	635	...	5	3	31	389	1	...	2	...	1	54	8	33	...	1
F.	464	2	1	2	17	284	...	4	1	63	7	14	2	...
Woodstock..... Total	191	...	...	3	137	...	1	...	...	28	2	5	...	1
M.	112	...	...	3	72	...	1	...	...	19	1	3	...	1
F.	79	...	...	...	65	...	...	...	...	9	1	2	...	...

Table 34—Deaths (exclusive of Stillbirths) Classified according to

Birthplace of Father	Total Fathers	BIRTHPLACE														
		Canada									British Isles					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. unspecified	England	Ireland	Scotland	Wales	Other
Canada.....	16,460	28	130	98	1,718	11,370	71	59	20	14	959	482	484	273	7	2
Prince Edward Island.....	37	21	2	1	8	1	1	1	1	1	1	1	1	1	1	1
Nova Scotia.....	165	1	103	3	31	17	1	1	1	1	7	2	2	5	1	1
New Brunswick.....	113	1	4	70	4	17	1	1	1	2	2	2	2	1	1	1
Quebec.....	1,987	1	2	3	1,439	344	6	4	1	1	10	22	47	20	1	1
Ontario.....	12,810	5	21	13	264	10,833	22	21	11	5	81	394	368	210	5	1
Manitoba.....	85	3	3	4	21	38	4	1	1	2	2	2	1	1	1	1
Saskatchewan.....	69	1	1	1	28	4	25	5	2	1	1	1	1	1	1	1
Alberta.....	19	1	1	1	12	1	2	1	1	1	1	1	1	1	1	1
British Columbia.....	12	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1
Province unspecified.....	1,163	4	4	4	73	1	2	1	1	861	52	63	34	1	1	1
British Isles.....	16,365	7	43	15	145	2,287	8	5	1	1	422	6,283	3,323	2,867	142	54
England.....	7,986	2	17	3	50	887	7	5	1	1	161	5,907	298	194	31	11
Ireland.....	4,464	1	11	2	55	837	1	1	1	1	148	177	2,854	171	10	1
Scotland.....	3,669	4	15	10	38	532	1	1	1	1	110	168	157	2,492	6	3
Wales.....	65	1	1	1	25	1	1	1	1	1	2	28	10	5	94	4
Other.....	181	1	1	1	6	1	1	1	1	1	1	3	4	5	1	35
British Possessions.....	141	1	1	1	5	20	1	1	1	1	1	9	3	2	1	1
Newfoundland.....	71	1	1	1	4	4	1	1	1	1	1	2	1	1	1	1
Other.....	70	1	1	1	1	16	1	1	1	1	1	7	2	2	1	1
Europe.....	3,272	1	1	1	18	243	6	10	2	1	39	25	26	6	1	1
Austria.....	147	1	1	1	1	9	1	1	1	1	1	1	2	1	1	1
Belgium.....	44	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Czechoslovakia.....	73	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1
Denmark.....	27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Finland.....	196	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1
France.....	147	1	1	1	9	34	1	1	1	1	8	3	11	1	1	1
Germany.....	885	1	1	1	2	119	1	1	1	1	15	7	7	2	1	1
Hungary.....	104	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
Italy.....	309	1	1	1	4	15	1	1	1	1	2	5	1	1	1	1
Netherlands.....	55	1	1	1	1	15	1	1	1	1	2	1	2	1	1	1
Norway.....	37	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1
Poland.....	477	1	1	1	1	14	2	2	1	1	3	1	1	1	1	1
Roumania.....	68	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
Russia (U.S.S.R.).....	425	1	1	1	1	3	1	3	1	1	2	4	1	1	1	1
Sweden.....	82	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1
Yugoslavia.....	61	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Other.....	135	1	1	1	13	1	1	1	1	3	1	1	1	1	1	1
Asia.....	118	1	1	1	1	3	1	1	2	1	1	1	1	1	1	1
China.....	85	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
Japan.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Other.....	30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
United States.....	950	2	5	3	27	302	4	1	3	38	36	32	26	1	1	1
Other American countries.....	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Other countries.....	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Unspecified.....	1,807	2	2	2	15	234	3	6	1	7	21	6	11	1	1	1
Total Mothers.....	39,119	37	181	117	1,929	14,459	88	85	24	20	1,467	6,856	3,874	3,185	149	58

Birthplaces of Parents of Decedents in the Province of Ontario, 1942

OF MOTHER

British Possessions		Europe															Asia			United States	Other Amer. countries	Other countries	Unspecified			
Newfoundland	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia	Other	China					Japan	Other	
7	8	2	1	1	...	2	7	50	1	...	4	...	8	...	5	1	...	2	...	...	...	351	1	1	293
1	1	7	3
1	1	1	1	...	...	...	1	3	...	...	...	...	...	...	...	1	...	...	...	...	...	6	...	...	4
3	5	...	1	...	...	2	5	44	1	...	3	...	6	...	2	...	...	2	...	...	...	282	...	...	201
...	...	1	1	...	...	...	...	1	...	...	...	...	2	...	1	...	...	...	...	...	...	2	1	...	1
...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...
2	2	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	24	...	...	36
11	24	...	...	...	1	2	11	14	2	...	12	1	1	1	...	1	...	11	...	...	1	199	1	...	469
9	9	...	...	...	1	1	5	4	2	...	7	1	1	...	...	1	...	7	...	...	1	93	...	...	270
2	10	...	...	...	...	...	2	4	...	...	3	...	...	...	...	...	...	2	...	...	...	61	1	...	113
...	5	...	...	...	...	...	2	4	...	...	2	...	...	1	...	...	...	2	...	...	...	42	...	...	74
...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	7
...	...	...	...	...	...	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
53	26	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	5	...	...	11
52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
1	26	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	5	...	...	7
1	1	122	36	65	23	181	72	689	98	267	28	30	416	55	352	67	57	107	...	...	...	35	1	...	194
...	...	113	...	...	...	1	1	1	...	1	...	...	5	1	5	...	...	...	...	...	...	2	...	...	7
...	...	...	34	65	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
...	...	...	...	...	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	3
...	...	...	...	...	...	177	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	10
...	...	...	1	1	...	...	61	5	...	...	...	1	...	...	...	...	...	2	...	...	...	1	...	...	4
1	...	1	1	...	...	...	5	675	...	4	1	...	1	...	1	...	...	6	...	...	...	7	...	...	25
...	...	...	...	...	...	...	1	...	95	1	266	...	...	1	...	1	...	...	...	...	...	13	...	...	6
...	...	...	...	...	...	...	1	2	...	23	...	27	...	...	1	...	...	...	...	...	...	2	1	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	5
...	...	3	...	...	...	...	...	2	...	1	...	...	397	2	5	...	...	...	...	...	...	2	...	...	3
...	...	2	...	...	...	...	2	1	1	...	...	...	...	50	5	...	...	...	...	...	...	2	...	...	43
...	...	3	...	...	...	...	...	...	...	...	...	...	...	11	1	339	...	...	...	...	...	1	...	...	7
...	...	...	...	...	1	2	...	...	...	...	...	2	...	1	...	65	1	2	...	...	...	1	...	...	53
...	...	...	...	...	...	1	3	2	...	...	...	...	2	...	1	...	56	...	...	...	...	2	...	...	3
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	97	...	...	...	...	...	...	7
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	77	1	25	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	77	77	1	...	...	...	3
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	25	...	...	3
...	...	...	...	...	1	2	2	12	...	...	...	...	1	...	...	...	...	...	...	...	...	401	2	...	49
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	3	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	...	1,491
72	59	124	37	67	25	188	92	767	101	268	44	31	426	56	358	69	57	121	77	1	26	1001	7	2	2,514	

14. Tuberculosis of the meninges and central nervous system...	M 26	2	1	2	1	4	3	2	1	2	2	1	1	1	1	1	1	1	14
	F 25	2	3	4	2	5	2	1	1	1	2	2	2	2	2	2	2	2	15
15. Tuberculosis of the intestines and peritoneum...	M 10				1	1	1	1	1	2	1	1	2	2	1	1	1	1	16
	F 7																		17
16. Tuberculosis of the vertebral column...	M 7																		17A
	F 11																		17B
17. Tuberculosis of other bones and joints	M 4																		18
	F 3																		
17A. Bones	M 1																		
	F 2																		
17B. Joints	M 3																		
	F 1																		
18. Tuberculosis of the skin and sub-cutaneous cellular tissue.	M 1																		
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal glands excepted)	M 2																		
	F 1																		
20. Tuberculosis of the genito-urinary system...	M 10																		
	F 6																		
21. Tuberculosis of other organs...	M 2																		
	F 14																		
22. Disseminated tuberculosis...	M 1																		
	F 13																		
22A. Acute generalized military...	M 7																		
	F 1																		
22B. Other and unspecified generalized	M 1																		
24. Purulent infection and septicaemia	M 10																		
	F 7																		
26. Other diseases due to bacteria.	M 1																		
	F 1																		
27. Dysentery...	M 22	11	4	3															
	F 12	8	2																
28. Malaria...	M 1																		
	F 212	12																	
30. Syphilis...	M 65	8																	
	F 8																		
30A. Locomotor ataxia (tabes dorsalis)	M 6																		
	F 2																		
30B. General paralysis of the insane	M 44																		
	F 15																		
30C. Other syphilis of the central nervous system	M 26																		
	F 9																		
30D. Others under this title...	M 136	12																	
	F 39	8																	
32. Other diseases due to spirochaetes	M 1																		
	F 5																		
33. Influenza	M 142	39	7																
	F 131	28	7	1	3	3	1	2	2	3	4	4	3	2	8	2	9	6	1

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1912—Continued

CAUSES OF DEATH		AGES—YEARS																			100 Over stat- ed									
		Under 1	1	2	3	4	5 to 9	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					
Sex	Total	5	8	11	5	4	19	14	30	26	38	38	61	69	114	198	307	414	533	685	791	670	346	116	18	3	2			
M	5																												77A	
M	8																												77B	
F	3																												77C	
F	4																													
F	1																													
M	2																												79	
F	3																													
F	2																													79B
F	3																													
	4621	85	24	11	5	4	19	14	30	26	38	38	61	69	114	198	307	414	533	685	791	670	346	116	18	3	2			
M	2197	48	16	8	3	2	10	8	20	13	18	20	26	30	56	96	142	200	258	350	371	306	142	45	5	2	2			
F	2424	37	8	3	2	2	9	6	10	13	20	18	35	39	58	102	165	214	275	335	420	364	204	71	13	1				
M	12	2	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	80	
F	12	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	80A	
F	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	80B	
F	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	80C	
F	9	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	81	
F	41	16	5	1	1	1	2	2	1	1	1	1	1	1	1	1	1	4	2	1	1	1	1	1	1	1	1	1	81A	
F	24	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	2	1	1	1	1	1	1	1	1	1	81B	
F	35	15	5	1	1	1	2	1	1	1	1	1	1	1	1	1	1	4	2	1	1	1	1	1	1	1	1	1	81C	
F	22	12	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	81D	
F	6	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	81E	
F	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	81F	
M	63	1	1	1	2	3	2	3	2	2	3	2	3	2	7	10	5	7	4	9	8	1	1	1	1	1	1	1	82	
F	49	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	82B	
M	1833	6	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	83	
F	2117	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	83A	
M	666	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	83B	
F	769	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	83C	
M	111	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	83D	
F	121	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	83E	
M	6	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	83F	
F	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	83G	

CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS

80. Encephalitis (non-epidemic)
80A. Intracranial abscess.
80B. Others under this title.
81. Meningitis (non-meningococcal)
81A. Simple meningitis.
81B. Acute cerebrosal meningitis
82. Diseases of the medulla and spinal cord.
83. Intracranial lesions of vascular origin.
83A. Cerebral haemorrhage or effusion.
83B. Cerebral embolism and thrombosis.
83C. Cerebral softening.

83d. Hemiplegia and other paralysis of unspecified origin.....	M	59	1		2	1	2	1	2	1	2	3	4	3	7	10	8	14	4	1	83D				
F	96											2	3	4	7	15	18	15	5	1					
83E. With mention of arteriosclerosis.....	M	991										1	2	3	12	15	13								
F	1127											2	6	17	45	133	190	207	82	28	1 83E				
84. Mental disorders and deficiency (general paralysis of the insane excepted).....	M	24	2	1	2	1	2	1	2	1	2	4	2	3	6	2	2	2			84				
F	53											2	1	8	6	2	2	3							
84A. Schizophrenia (dementia praecox).....	M	8										3	1	2							84A				
F	10											1	2	1											
84B. Others under this title.....	M	16	2	1	1	2	1	2	1	2	2	1	2	4							84B				
F	43											2	1	8	5	2	2	1	2						
85. Epilepsy.....	M	51	2	3	7	6	2	7	2	4	2	4	2	3	2	2	1	1			85				
F	31											1	5	3	1	4									
86. Convulsions (under 5 years of age).....	M	26	18	5	3																86				
F	15	13	1																						
87. Other diseases of the nervous system.....	M	114	1	1	1	1	1	2	2	7	2	5	11	15	17	18	15	5	7	2	87				
F	106											2	4	8	13	19	24	13	6	1					
87A. Chorea.....	M	1												1							87A				
F	1																								
87B. Neuritis.....	M	2												1							87B				
F	3																								
87C. Paralysis agitans.....	M	43	1	1	1	1	1	1	1	1	2	2	3	8	10	8	8	1	2		87C				
F	40											1	2	1	3	9	12	9	5	4					
87D. Disseminated sclerosis.....	M	54	1	1	1	1	1	2	1	5	2	3	4	7	6	6	7	3	5	1	87D				
F	46											1	2	3	4	3	6	14	8	2					
87E. Others under this title.....	M	14	1	1	1	1	1	2	1	1	2	1	2	3	4	3	6	14	8	2	87E				
F	10											1	2	3	4	3	6	14	8	2					
88. Diseases of organs of vision.....	M	7	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	88				
F	3																								
89. Diseases of the ear and of the mastoid process.....	M	26	5	1	1	4	2	1	2	1	2	1	2	1	1	1	2	1	1	1	89				
F	14																								
89A. Otitis and other diseases of the ear.....	M	14	4	1	2	2	2	2	2	1	1	1	1	2							89A				
F	11																								
89B. Diseases of the mastoid process	M	12	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	89B				
F	3																								
Total.....		13148	1	2	5	14	31	41	49	83	142	245	412	699	947	1295	1592	1905	2205	1852	1120	400	82	11	15
90-95. Diseases of the heart.....	M	7450	2	1	10	15	26	21	41	89	161	275	500	627	825	959	1076	1174	932	507	157	39	5	8	
F	5698																								7
90-95. Diseases of the heart.....	M	6920	1	3	9	15	25	20	41	85	153	262	483	605	803	939	1002	1078	810	420	127	31	4	7	90-95
F	5149																								7
90. Pericarditis (acute rheumatic excluded).....	M	4																							90
F	3																								

CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM

94A. Diseases of the coronary arteries.....	M	2528									1	11	40	89	155	267	344	376	379	336	286	163	61	14	2	94A		
	F	1140										5	11	21	38	49	98	161	198	180	187	125	47	15	3	1		
94B. Angina pectoris.....	M	88																								94B		
	F	52																								1		
95. Other diseases of the heart.....	M	236																								95		
	F	213																								1		
95A. Functional diseases of the heart (no organic lesion).....	M	23																								95A		
	F	26																								1		
95B. Other diseases of the heart (rheumatic).....	M	52																								95B		
	F	59																								1		
95C. Other diseases of the heart (non-rheumatic).....	M	161																								95C		
	F	128																								1		
56. Aneurysm (heart and aorta excepted).....	M	13																								96		
	F	10																								1		
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted).....	M	393																								97		
	F	440																								1		
98. Gangrene.....	M	22																								98		
	F	15																								1		
99. Other diseases of the arteries.....	M	56																								99		
	F	35																								1		
100. Diseases of the veins.....	M	22																								100		
	F	24																								1		
101. Diseases of the lymphatic system.....	M	5																								101		
	F	17																								1		
102. High blood pressure (idiopathic).....	M	24																								102		
	F	2																								1		
103. Other diseases of the circulatory system.....	M	2																								103		
	F	1																								1		
Total.....		M	2226	420	62	23	9	10	26	21	26	20	26	32	40	52	86	108	137	160	186	226	245	160	76	18	4	1
104. Diseases of the nasal fossae and accessory sinuses.....	M	237	237	42	7	4	6	14	13	12	12	9	14	26	39	29	57	68	82	90	100	120	119	70	27	4	1	1
	F	183	183	20	16	5	4	12	8	14	8	17	18	14	13	23	29	40	55	70	86	106	126	90	49	14	3	
105. Diseases of the larynx.....	M	16	1																								104	
	F	11																									1	
106. Bronchitis.....	M	4	4																								105	
	F	2																									1	
106A. Acute.....	M	56	6	5	1	1	1	1	2	1	2	2	1	1	1	2	3	2	4	4	6	7	2	2	4	1	106	
	F	51	4	1	5	1	1	1	1	4	3	2	4	5	3	5	4	1	3	2	4	5	3	5	4	1	106A	
106B. Chronic.....	M	13	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	106B	
	F	20	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1942—Continued

CAUSES OF DEATH	AGES—YEARS																		100 and over	Not stated					
	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
Sex	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
106c. Unspecified.....	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
107. Broncho pneumonia.....	8	2	4	3	4	5	6	7	6	5	7	8	7	6	5	17	23	18	26	46	59	63	39	16	2
108. Lobar pneumonia.....	531	153	9	8	1	5	2	2	3	5	6	7	13	10	11	10	11	23	31	47	39	58	49	21	8
109. Pneumonia (unspecified).....	271	103	6	1	1	3	2	6	3	5	5	7	7	8	9	13	18	21	25	24	21	10	4	1	3
110. Pleurisy.....	215	25	6	1	1	3	4	2	7	7	5	7	5	7	8	12	13	21	14	29	28	13	5	1	1
110A. Empyema.....	183	48	8	2	1	1	1	1	1	1	1	1	1	1	3	5	4	9	12	14	13	11	4	1	1
110B. Others under this title.....	134	45	1	1	1	1	1	2	1	2	1	2	1	1	3	1	3	6	13	14	13	6	7	1	1
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs.....	27	3	2	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	4	1	1	1
111A. Haemorrhagic infarction and thrombosis of the lungs.....	19	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	4	1	1	1
111B. Others under this title.....	14	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
112. Asthma.....	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	6	12	5	2	4
113. Pulmonary emphysema.....	38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	4
114. Other diseases of the respiratory system (tuberculosis excepted).....	69	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	5	4	6	10	5	2	1	4
114A. Silicosis.....	34	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	1	1	4
114B. Other and unspecified forms of pneumoconiosis.....	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
114C. Gangrene of lung.....	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	5	1	1	4
114D. Others under this title.....	11	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2
Total.....	1728	233	36	18	9	8	22	21	31	16	32	43	54	71	85	141	162	158	149	141	144	83	45	22	2
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM	M	1010	F	124	26	12	4	6	14	12	15	9	17	32	36	38	51	89	96	84	83	46	20	11	2
Total.....	F	718	M	109	10	6	5	2	8	9	16	11	18	33	34	52	66	63	59	57	61	37	25	11	2

TABLE 36—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		
DEATHS—ALL CAUSES																
Total		39119	4230	921	899	1402	2697	15	174	2042	6924	8305	3	11338		
M	F	21349 17770	2440 1790	632 289	590 309	914 488	1285 1412	10 5	59 115	1020 1022	4198 2726	5647 2658	3	4395 6943		
CLASS I.—INFECTIOUS AND PARASITIC DISEASES																
Total		2019	378	174	214	113	72	1	39	275	362	147	239			
M	F	1193 826	195 183	93 81	130 84	93 20	45 27	1	5 34	142 133	264 98	108	113 126			
1. Typhoid fever	M	6	1	2	1					1		1				
	F	4	1							1		2				
2. Paratyphoid fever	M	2										2				
	F	2														2
5. Undulant fever	M	1										1				
	F	1														
6. Cerebrospinal meningitis	M	2	1							1						
	F	20	7	5	1	1				4	2					
8. Scarlet fever	M	14	7	1						2	3					1
	F	14	9	3						1	1					
9. Whooping-cough	M	17	9	2	3					1	1	1				
	F	30	29													1
10. Diphtheria	M	32	32													
	F	7	6								1					
11. Erysipelas	M	7	6								1					
	F	3	1													1
12. Tetanus	M	3														
	F	6	4		1		1					1	1			1
	F	3	3													
13-22 Tuberculosis	M	627	35	67	109	61	18		5	98	131	47		53		54
	F	466	41	72	71	13	11		27	104	50	23		54		
13. Tuberculosis of the respiratory system	M	551	17	54	98	58	16		5	86	121	45		48		48
	F	404	19	63	65	12	10		23	97	45	22		48		
13A. With mention of occupational diseases of lungs	M	24				5	1			3	12	2		1		
13B. Without mention of occupational diseases of lungs	M	493	15	52	85	47	14		3	82	105	43		44		44
	F	387	18	62	62	9	7		23	95	42	22		47		47
13c. Unspecified site	M	8	2	1					2		1			2		
	F	2	1													
13d. With mention of dementia praecox	M	26		1	13	6	1			1	3			1		
	F	15			3	3	3			2	3			1		1
14. Tuberculosis of the meninges and central nervous system	M	26	14	4	3	1				2	1	1				
	F	25	18	4					2	1						
15. Tuberculosis of the intestines and peritoneum	M	10	2	2	1					2	2			1		
	F	7	1		1					2	3					
16. Tuberculosis of the vertebral column	M	7			3						1	2	1			
	F	11	1	1	3	1	1			1	1	1				1
17. Tuberculosis of other bones and joints	M	4		1	1	1	1									
	F	3			1							1				1
17A. Bones	M	1														
	F	2					1									1
17B. Joints	M	3		1	1	1										
	F	1			1											
18. Tuberculosis of the skin and sub-cutaneous cellular tissue	M	1														1
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal glands excepted)	M	2		1							1					
	F	1														1
20. Tuberculosis of the genitourinary system	M	10		3	1	1					3	1				1
	F	6		1	1				1	1	1					2

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942

Not stated	NATIVITY					MONTHS											
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
169	28618	7066	929	2294	212	3687	3266	3532	3379	3266	3061	2950	2800	2917	3368	3201	3692
156	15203	3941	480	1556	169	2015	1788	1968	1829	1750	1739	1611	1535	1613	1829	1706	1966
13	13415	3125	449	738	43	1672	1478	1564	1550	1516	1322	1339	1265	1304	1539	1495	1726
5	1530	239	40	198	12	194	194	167	187	177	162	136	163	150	171	150	168
5	831	169	22	161	10	107	120	107	106	97	102	81	106	89	91	83	104
....	699	70	18	37	2	87	74	60	81	80	60	55	57	61	80	67	64
5	1	1					1	1					2	2			1
2	1	1				1							1	1	1		
2						1				1							
1	1									1							
2							1						1				
18			1					2	3	3	1		3	5			2
12	2						2	5	1	1	1		1		1		2
14						4	4	1	2	1					2		8
17						2	3	2	4	2		1	1			1	1
30						3	6	4	4	1	3		2	4	2	1	9
32						4	2	2	2	5	1	3	2	4	2	3	2
7						2	2					1		1			1
6	1					2	2		1	1				1			1
2					1	1		1	1								
2	1					1				2							
5	5		1								1		1		4		
5	3									1			1				
3	409	99	10	104	5	43	60	52	45	56	54	57	61	41	50	48	60
....	388	34	15	28	1	53	45	33	35	38	42	35	36	37	42	36	34
3	354	90	8	95	4	38	51	47	40	46	50	50	55	35	44	42	53
....	333	29	15	26	1	41	39	28	27	33	38	32	32	33	37	33	31
....	9	5		10		2	3		3	4	2	1	1	3	1	1	3
3	322	79	8	80	4	31	45	44	34	36	46	45	51	30	43	40	48
....	318	28	15	25	1	39	38	28	26	31	36	31	29	29	37	33	30
....	6	1		1			1	1	1	2				1			2
....	2											1		1			
....	17	5		4		5	2	2	2	4	2	4	3	1		1	
....	13	1		1		2	1		1	2	2		3	3			1
....	23		1	1	1		4	1	1	6	1	4	2	3		1	3
....	25					4	2	2	3	3	3	2		1	2	2	1
....	9	1					2	3		1		1			2	1	
....	7					1			2	1			1	1	1		
....	4	1		2		1				1	3				2		
....	9	2				1	3	2	2				1		1	1	
....	3			1			1							1		1	1
....	2	1				1			1								1
....	1						1										
....	1	1							1								1
....	2			1										1		1	1
....	1					1											
....	1								1								18
....	1	1	1										1				1
....	1						1										1
....	8	1		1		2			1			1	2	1	1	2	20
....	5			1		3								2	1		

TABLE 36—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			
21. Tuberculosis of other organs.....	M	2											2			
	F	2											2			
22. Disseminated tuberculosis	M	14	2	2	2		1					2	3	2	2	
	F	7	1	4						1					1	
22A. Acute generalized miliary.....	M	13	1	2	2		1					3	2		2	
	F	7	1	4						1					1	
22B. Other and unspecified generalized	M	1	1													
24. Purulent infection and septicaemia.....	M	10	2	1	1		1					2	2	1		
	F	7	2		2							1	2			
26. Other diseases due to bacteria.....	M	1											1			
27. Dysentery.....	M	22	19			1	1				1					
	F	12	10										1		1	
28. Malaria.....	M	1					1									
30. Syphilis.....	M	212	14	1	7	21	11				15	79	27		35	
	F	65	10	1	3	3	1			2	8	18	5		14	
30A. Locomotor ataxia (tabes dorsalis).....	M	6			1								3	1	1	
	F	2											1			
30B. General paralysis of the insane.....	M	44			1	5	3				3	14	7		11	
	F	15			1	1					3	8	2		2	
30C. Other syphilis of the central nervous system.....	M	26			1	5					4	11	3		3	
	F	9								1	3				4	
30D. Others under this title.....	M	136	14	1	5	11	8			1	8	51	16		20	
	F	39	10	1	1	2	1			1	3	9	3		8	
32. Other diseases due to spirochaetes.....	M	1														
	F	5	3			1									1	
33. Influenza.....	M	142	53	4	6	2	10				7	17	22		21	
	F	131	46	2	3	2	13	1		3	4	12	9		36	
33A. With respiratory complications.....	M	89	23	2	6	2	6				4	13	18		15	
	F	85	28	1	2	1	10			2	2	5	7		27	
33B. Without respiratory complications.....	M	53	30				4				3	4	4		6	
	F	46	18	1	1	1	3	1		1	2	7	2		9	
35. Measles.....	M	6	4	2												
	F	3	2								1					
36. Acute poliomyelitis and polioencephalitis.....	M	6	3	3								1				
	F	6	4												1	
37. Acute infectious encephalitis.....	M	16		1	1	1					3	6	4			
	F	6	1	1	1						1	2				
38. Other diseases due to filterable viruses.....	M	1	1				2									
	F	6	3								1					
38C. Chicken-pox.....	M	1	1													
	F	4	3								1					
38D. Others under this title.....	M	2					2									
	F															
42. Other diseases due to helminths.....	F	1	1													
43. Mycoses.....	M	11	3		1						2	3			2	
	F	2														
44. Other infectious and parasitic diseases.....	M	48	3	4	2	6	2				7	19	5			
	F	32	1	2	1	1				1	5	5	1		15	
44B. Lymphogranulomatosis (Hodgkin's disease).....	M	43	2	3	2	6	2				6	18	4			
	F	19		1	1	1				1	5	4			6	
44C. Mumps.....	M	5	1	1								1	1			
	F	13	1	1								1	1		9	
CLASS II.—CANCER AND OTHER TUMOURS																
Total		5156	41	30	65	268	331	1	8	306	1422	1191			1475	
	M	2442	18	21	24	130	143	1	2	100	672	774			539	
	F	2714	23	9	41	138	188		6	206	750	417			936	
44-55. Cancer and other malignant tumours.....	M	2384	15	18	20	127	142	1	2	90	652	765			534	
	F	2621	17	8	36	134	185		4	188	728	408			913	

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—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							21	
	2										1						1	
	6	4		4		1	2	1	2	1		1					2 22	
	4	2		1		2				1			2	1	1	1		
	5	4		4		1	2	1	2	1		1	1	1	1	1	1 22A	
	4	2		1		2		1		1		1	2					
	1																1 22B	
	10					2	1	1	1	1		1	2		1		24	
	6			1					1			1	1	2		2		
	1										1						26	
	21					2	1		1	2	1	1	2	5	6	1	27	
	11	1							3		1	1		2	4	1		
	2	126	39	3	42	22	21	15	20	13	22	11	23	18	15	16	28	
	48	11	1	5		6	4	4	1	11	6	7	5	2	12	6	16 30	
	4	2					4						1				30A	
	2									1					1			
	22	7	1	14		3	4	5	2	3	8	3	3	5	2	2	4 30B	
	5	7	1	2		1		1		4		2	1		3	2	1	
	13	3		9	1	2	2		3		3	1	5	3		2	5 30C	
	8	1					1					2	1			4		
	2	87	27	2	19	17	11	10	15	10	11	7	14	10	12	12	7 30D	
	33	3		3		5	3	3	1	5	6	3	3	2	4	4		
	1											1					32	
	5						1	1							1	2		
	113	20	3	6		20	16	18	20	14	11	1	3	7	10	9	13 33	
	115	13		2	1	13	9	8	29	9	6	4	5	7	15	10	16	
	65	18	2	4		9	11	14	13	12	4	1	2	3	6	6	8 33A	
	71	11		2	1	10	5	5	21	4	4	3	2	3	9	8	11	
	48	2	1	2		11	5	4	7	2	7		1	4	4	3	5 33B	
	44	2				3	4	3	8	5	2		3	4	6	2	5	
	6						1		1	2	1					1	35	
	3							1	1							1		
	6					1		1	1			1	1		1		36	
	6							1	1		1			2				
	11	2	2	1			1	4	2	1		1	2		2	1	2 37	
	6					2		1		1				1			1	
	1																1 38	
	5	1					1		1	1	1					1	1	
	1																1	
	4						1		1	1						1	38C	
	1	1									1						1 38D	
	1																1 42	
	8	2		1		1	2	2			3		1	1		1	43	
	1	1				1	1											
	34	6	2	5	1	5	2	4	5	2	4	5	4	1	2	5	9 44	
	27	3	1	1		3	2	2	1	7			4	3	2	3	5	
	30	6	2	4	1	4	2	4	3	2	4	5	4	1	2	4	8 44B	
	16	1	1	1		2	2	2	1	2	2		2	2	2	2	2	
	4			1		1			2							1	1 44C	
	11	2				1				5			2	1		1	3	
	18	3363	1301	122	354	16	471	406	410	404	444	410	413	419	437	454	430	458
	18	1475	667	46	240	14	213	184	198	208	214	202	206	184	192	216	207	218
	1888	634	76	114	2	258	222	222	196	230	208	207	235	245	238	223	240	240
	18	1437	655	44	234	14	210	179	191	204	208	197	198	182	187	213	204	211
	1820	616	74	109	2	248	220	220	203	184	218	202	199	226	241	231	217	232

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION														
			Single					Married					Widow				
			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			
45. Cancer of the buccal cavity and pharynx....	M	121				2	8	7					1	31	35		36
	F	43					2	3					1	10	8		17
46. Cancer of the digestive organs and peritoneum.	M	1326	1	3	5	73	81	1				44	372	425			311
	F	1120	3	2	6	47	90					52	260	204			456
46A. Oesophagus.....	M	73				5	3					1	17	28			15
	F	37				3	1					1	6	6			10
46B. Stomach.....	M	528			1	36	33	1				17	140	170			127
	F	309		1		7	30					12	59	55			145
46C. Duodenum.....	M	8											3	3			2
	F	3															
46D. Rectum and anus.....	M	185			2	7	13					5	52	64			40
	F	124	1	1		6	11					6	31	26			42
46E. Intestines.....	M	313		1	2	11	17					12	93	98			78
	F	399			4	16	32					24	88	69			166
46F. Liver and biliary passages.....	M	115				4	12					7	31	36			24
	F	158	1		1	10	10					6	31	34			65
46G. Pancreas.....	M	96		2		9	3					2	31	21			26
	F	70				5	6					2	26	11			20
46H. Mesentery and peritoneum.....	M	5	1			1							1	2			
	F	19	1		1							2	6	3			6
46M. Other and unspecified sites.....	M	3											1	3			
	F	1															
47. Cancer of the respiratory system.....	M	230		4	6	16	9					15	101	51			27
	F	72	2		3	7	6					4	19	11			20
47A. Larynx.....	M	40			1	3	3					1	7	16			9
	F	7					2							2			3
47B. Lung.....	M	114		2	1	6	5					4	61	23			11
	F	48	1		3	5	3					3	15	5			13
47C. Mediastinum and other sites.....	M	76		2	4	7	1					10	33	12			7
	F	17	1			2	1					1	4	4			4
48. Cancer of the uterus.....	M	374			3	19	15				1	44	134	48			110
48A. Cervix.....	F	157			1	2	3				1	27	62	14			47
48B. Other and unspecified sites.....	F	217			2	17	12					17	72	34			63
49. Cancer of other female organs.....	F	147		2	5	17	8					11	49	18			37
50. Cancer of the breast.....	M	8				1							2	3			2
	F	556			14	35	42					50	182	69			164
51. Cancer of the male genital organs.....	M	269	1	3	2	7	17			1	7	26	130				73
52. Cancer of the urinary organs.....	M	172	5			10	8					4	42	62			40
	F	101	7	1		2	10			1	3	20	22				35
52A. Kidney.....	M	44	5			4	2					4	16	8			4
	F	43	7			1	3			1	1	6	10				14
52B. Bladder.....	M	127				6	6					26	53				36
	F	58		1		1	7					2	14	12			21
52C. Other and unspecified sites.....	M	1												1			
	F	60				3	9					1	7	21			18
53. Cancer of the skin.....	M	26					3					2	3	4			14
	F	55	5	1	4	3	1					10	25	2			4
54. Cancer of the brain.....	M	35	4	2	2	2					2	10	9				4
55. Cancer of other and unspecified organs.....	M	143	3	7	3	7	9			1	8	46	36				23
	F	147	1	1	1	3	8				11	42	24				56
56. Non-malignant tumours..	M	27	1	2	3	1	1				4	10	5				
	F	75	2	1	4	3	2			2	17	20	6				18
56A. Ovary.....	F	28			2	1	2			1	2	7	5				8
56B. Uterus.....	F	30			2	1					11	11					5
56C. Other female genital organs.....	F	2									1						1
56D. Brain and other parts of the central nervous system.....	M	16		1	2	1					3	7	2				
	F	8	1	1		1					3	2					
56E. Other and unspecified organs.....	M	11	1	1	1		1				1	3	3				4
	F	7	2								1	1					
57. Tumours of undetermined nature.....	M	31	2	1	1	2					6	10	4				5
	F	18	4		1	1	1				1	2	3				5
57A. Ovary.....	F	1					1										
57D. Brain and other parts of the central nervous system.....	M	24	2	1	1	2					6	8	1				3
	F	8	2		1						1	1	2				1

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—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	86	22	3	8	2	20	6	11	12	5	11	6	6	7	17	6	14	45
...	29	11	.....	3	.....	2	3	2	3	4	3	1	9	3	5	3	5	5
10	782	376	22	138	8	118	96	97	103	130	113	117	102	107	117	109	117	46
...	751	274	32	62	1	110	85	87	84	94	92	86	90	91	103	94	104	104
...	37	27	1	8	.....	6	5	9	12	9	6	4	3	4	3	4	8	46A
...	23	12	.....	2	.....	5	1	5	4	3	4	1	3	5	1	1	4	4
3	274	169	5	78	2	60	26	40	37	53	47	58	39	37	43	44	44	46B
...	201	83	6	19	.....	26	28	24	18	22	26	19	37	31	24	23	31	31
1	6	1	.....	1	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	3	2	46C
...	1	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....
2	114	57	1	12	1	10	20	9	17	24	10	11	19	21	13	13	18	46D
...	87	30	2	5	.....	14	7	11	8	13	9	13	9	10	16	9	7	7
1	212	71	8	19	3	26	24	23	20	26	21	27	25	25	33	31	32	46E
...	271	93	13	21	1	36	30	32	32	39	33	31	25	30	36	35	40	40
1	74	24	3	13	1	9	9	5	10	10	16	6	9	11	13	10	7	46F
...	113	30	5	10	.....	22	10	10	16	9	12	16	11	8	17	13	14	14
2	61	25	3	6	1	6	9	11	6	7	12	11	5	8	11	4	6	46G
...	42	18	5	5	.....	5	8	5	4	6	7	6	3	4	6	11	5	5
...	2	1	1	1	.....	.....	1	.....	1	.....	1	.....	1	.....	1	.....	.....	46H
...	12	6	1	.....	.....	1	1	.....	.....	2	1	3	.....	2	2	3	1	3
...	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	46M
...	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
1	92	93	4	39	2	19	18	28	18	18	19	16	15	15	27	18	19	47
...	53	13	1	5	.....	7	6	5	6	8	7	1	6	8	5	7	6	6
...	24	13	.....	3	.....	5	3	5	4	3	3	2	3	1	4	3	4	47A
...	7	7	.....	1	.....	1	1	1	1	1	1	1	1	1	1	1	1	1
1	41	46	2	24	1	7	9	17	7	9	8	10	7	10	13	9	8	47B
...	35	9	.....	4	.....	6	5	4	3	6	3	1	4	5	4	4	3	3
...	27	34	2	12	1	7	6	6	7	6	8	4	5	4	10	6	7	47C
...	11	4	1	1	.....	1	1	.....	3	1	3	.....	1	.....	.....	2	3	3
...	258	95	12	9	.....	36	33	39	25	29	19	38	25	35	36	24	35	48
...	100	42	10	5	.....	21	10	18	9	12	11	16	11	11	11	12	15	48A
...	158	53	2	4	.....	15	23	21	16	17	8	22	14	24	25	12	20	48B
...	93	40	4	10	.....	15	9	8	10	10	18	9	12	15	10	18	13	49
...	4	3	1	.....	.....	.....	3	.....	1	1	.....	.....	.....	1	1	1	1	50
...	394	131	19	11	1	55	52	38	42	49	42	39	55	54	46	40	44	44
2	179	71	7	12	.....	25	25	25	28	22	15	20	18	20	18	31	22	51
1	120	34	4	12	2	10	10	12	18	11	19	17	20	16	10	14	15	52
...	85	11	2	3	.....	6	10	7	4	6	5	12	15	9	6	11	10	10
1	33	7	1	2	1	4	4	4	5	3	3	7	3	4	2	5	5	52A
...	35	5	.....	3	.....	3	3	3	3	4	1	6	6	4	3	5	5	5
...	86	27	3	10	1	6	5	8	13	8	16	10	17	12	8	13	11	52B
...	50	6	2	.....	.....	3	7	4	4	2	4	6	9	5	3	6	5	5
...	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52C
1	45	7	3	5	.....	2	6	5	5	6	4	9	7	2	2	0	3	53
...	40	6	.....	.....	.....	2	2	3	2	2	3	.....	2	2	3	2	3	3
...	36	11	.....	8	.....	3	3	3	5	3	3	5	5	4	7	9	5	54
...	31	4	.....	.....	.....	3	3	3	2	2	4	1	2	6	4	2	3	3
...	93	38	.....	12	.....	13	12	10	14	12	13	8	9	16	14	7	15	55
...	106	31	4	6	.....	12	17	11	6	14	9	12	10	18	13	16	9	9
...	19	4	2	2	.....	2	2	3	3	3	3	2	2	2	1	.....	3	56
...	54	14	2	5	.....	9	1	8	10	9	6	8	2	1	1	3	6	6
...	23	4	1	.....	.....	4	1	2	3	4	1	2	2	1	4	2	2	56A
...	17	8	1	4	.....	4	.....	1	5	3	3	4	4	2	2	1	2	56B
...	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56C
...	12	2	.....	2	.....	2	.....	1	1	2	2	2	2	1	1	.....	2	56D
...	6	1	.....	1	.....	1	.....	2	2	.....	2	.....	1	.....	.....	.....	.....	.....
...	7	2	2	.....	.....	.....	2	2	2	1	1	1	.....	1	.....	.....	1	56E
...	6	1	.....	.....	.....	.....	2	.....	2	2	.....	1	.....	1	.....	.....	1	1
...	19	8	.....	4	.....	1	3	4	1	3	2	5	.....	3	2	3	4	57
...	14	4	.....	.....	.....	1	1	1	2	3	.....	2	1	2	.....	3	2	2
...	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	57A
...	14	7	.....	3	.....	1	2	4	1	2	2	4	.....	1	1	2	4	57D
...	6	2	.....	.....	.....	1	1	1	.....	.....	.....	.....	1	1	2	1	1	1

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—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	1	.....	1	.....	1	.....	.....	2	1	.....	1	.....	2	1	.....	1	.....	57E
.....	7	2	.....	.....	.....	.....	.....	.....	2	3	.....	1	.....	1	.....	.....	.....	.....	1
2	1000	235	42	98	5	139	102	137	120	103	108	115	102	108	128	84	134		
2	406	82	13	36	4	61	42	52	37	46	46	49	31	50	46	26	55		
.....	594	153	29	62	1	78	60	85	83	57	62	66	71	58	82	58	79		
.....	49	5	.....	2	.....	5	3	6	4	3	6	.....	4	7	9	5	5	58	
.....	38	7	3	2	.....	4	9	8	1	2	4	.....	5	2	7	6	2	58	
.....	47	5	.....	2	.....	5	3	5	4	3	6	.....	4	7	8	4	5	58A	
.....	36	7	3	2	.....	4	8	8	1	2	4	.....	5	2	6	6	2	58B	
.....	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	19	9	.....	.....	.....	2	2	3	1	2	6	2	1	2	3	1	3	59	
.....	27	8	2	1	.....	5	3	4	2	3	1	6	4	2	5	.....	3	.....
.....	252	62	10	30	4	39	28	36	28	34	21	38	20	32	29	17	36	61	
.....	373	114	21	47	1	50	35	54	59	37	43	42	45	40	57	37	57	.....
.....	3	.....	.....	1	.....	2	1	.....	.....	.....	1	1	.....	.....	.....	1	.....	62	
.....	3	3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	35	6	3	2	.....	6	3	4	2	2	9	5	2	2	4	.....	7	63	
.....	118	19	3	11	.....	13	7	16	20	10	11	16	13	11	9	13	12	.....
.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	63A
.....	3	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
1	30	5	2	2	.....	6	3	3	2	2	6	5	1	2	3	.....	6	63B	
.....	107	15	3	9	.....	11	7	15	16	9	10	15	13	9	9	12	10	.....
.....	2	1	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	63C
.....	6	2	.....	.....	.....	1	.....	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	.....	.....	2	.....	1	.....	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	63D
.....	36	.....	.....	.....	.....	5	4	2	2	2	1	4	4	6	1	2	3	64	
.....	23	.....	.....	.....	.....	3	5	.....	1	1	1	1	2	1	3	1	4	.....
.....	10	.....	.....	.....	.....	2	1	.....	.....	3	2	.....	.....	1	.....	.....	.....	.....	65
.....	8	2	.....	1	.....	2	1	1	.....	4	1	.....	1	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	66
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66A
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	66B
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....
1	240	72	7	12	.....	25	33	35	26	23	32	27	23	20	32	22	33		
1	122	42	1	8	.....	14	15	17	8	13	17	13	15	11	17	13	20		
.....	118	30	6	4	.....	11	18	18	18	10	15	14	8	9	15	9	13		
.....	7	1	.....	2	.....	2	.....	1	1	2	.....	.....	2	.....	2	.....	.....	.....	72
.....	11	.....	.....	.....	.....	1	1	2	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	6	.....	.....	1	.....	1	.....	1	1	1	.....	.....	2	.....	2	.....	.....	.....	72A
.....	11	.....	.....	.....	.....	1	1	2	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	1	1	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	47	17	1	1	.....	4	9	6	2	7	10	1	6	4	3	6	.....	.....	72B
.....	60	15	3	.....	.....	7	11	6	10	4	6	7	6	5	5	5	.....	.....	73
.....	41	15	1	1	.....	3	7	6	2	6	8	1	6	4	3	5	.....	.....	73A
.....	51	13	3	.....	.....	6	8	6	9	4	4	7	5	4	5	3	.....	.....	.....
.....	6	2	.....	.....	.....	1	2	.....	.....	1	2	.....	.....	.....	.....	1	.....	.....	73B
.....	9	2	.....	.....	.....	1	3	.....	1	.....	2	.....	1	1	.....	2	.....	.....	.....

TABLE 36—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	
74. Leukaemias and aleukaemias.....	M	82	11	12	6	2	3	2	6	20	14	5		
	F	59	9	2	2	2	1	10	16	11	8			
74A. Leukaemias.....	M	79	11	12	6	2	3	2	6	17	14	5		
	F	59	9	2	2	1	10	16	11	8				
74B. Aleukaemias (Hodgkin's disease excepted).....	M	3							3					
	F	8	1						2	1		1		
75. Diseases of the spleen...	M	3		2	1			1						
	F	8	1						4			3		
76. Other diseases of the blood and blood-forming organs.....	M	7	1	1	1			1	2			1		
	F	2		1				1						
CLASS V.—CHRONIC POISONING AND INTOXICATION														
Total.....		26		3	5	1		5	8			4		
	M	19		2	5	1		5	4			2		
	F	7		1				4	4			2		
77. Alcoholism.....	M	17		2	5	1		5	3			1		
	F	4		1				2				1		
77A. Acute alcoholism.....	M	5		1	1			3						
77B. Chronic alcoholism.....	M	8		1	4	1		1	1			1		
	F	3		1				1	1			1		
77C. Others under this title..	M	4						1	2			1		
	F	1						1						
79. Chronic poisoning by other mineral and organic substances.....	M	2							1			1		
	F	3							2			1		
79B. Non-occupational.....	M	2							1			1		
	F	3							2			1		
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS														
Total.....		4621	162	56	73	151	407	126	721	1231	1676			
	M	2197	95	33	46	89	166	46	350	781	579			
	F	2424	67	23	27	62	241	80	371	450	1097			
80. Encephalitis (non-epidemic).....	M	12	7	3	1				1					
	F	12	6					2	3			1		
80A. Intracranial abscess....	M	3	1	1					1					
	F	3	2					1						
80B. Others under this title..	M	9	6	2	1									
	F	9	4					1	3			1		
81. Meningitis (non-meningococcal).....	M	41	24	3	2	2		2	3	3		2		
	F	24	15	1	2	2		2	2	2		2		
81A. Simple meningitis.....	M	35	23	1	2	1		2	3	1		2		
	F	22	14		1	1		2	2			2		
81B. Acute cerebrospinal meningitis.....	M	6	1	2		1				2				
	F	2	1			1								
82. Diseases of the medulla and spinal cord.....	M	63	1	3	4	8	5	3	19	13		7		
	F	49	4	3	3	1	3	5	11	10		12		
83. Intracranial lesions of vascular origin.....	M	1833	11	2	21	58	153	26	291	719		543		
	F	2117	8	6	7	50	219	53	333	410		1026		
83A. Cerebral haemorrhage or effusion.....	M	666	9	2	18	35	43	22	146	215		170		
	F	769	6	5	7	28	67	37	166	132		320		
83B. Cerebral embolism and thrombosis.....	M	111	1			1	11	2	24	42		30		
	F	121	1	1		2	14	9	20	18		56		
83C. Cerebral softening.....	M	6							5			1		
	F	4										3		
83D. Hemiplegia and other paralysis of unspecified origin.....	M	59	1		1	3	2	1	9	23		19		
	F	96	1				10	2	21	25		36		

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—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	59	20	.....	3	.....	7	5	8	5	3	7	10	7	4	10	6	10	74
.....	40	14	2	3	.....	3	4	9	5	5	7	5	2	4	8	3	4	74A
.....	59	17	.....	3	.....	7	4	8	3	3	7	10	7	4	10	6	10	74A
.....	40	14	2	3	.....	3	4	9	5	5	7	5	2	4	8	3	4	74A
.....	6	3	.....	1	.....	1	1	1	2	.....	.....	.....	.....	2	1	.....	.....	74B
.....	5	1	1	1	.....	1	1	1	1	.....	1	1	.....	1	1	1	1	75
.....	3	3	.....	1	.....	1	1	1	.....	1	1	.....	3	.....	.....	.....	.....	76
.....	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	76
.....	19	5	2	.....	.....	4	1	1	3	2	.....	.....	2	4	3	3	3	77
.....	16	2	1	.....	.....	4	1	1	2	1	.....	.....	2	3	2	2	1	77
.....	3	3	1	.....	.....	.....	.....	.....	1	1	.....	.....	1	1	1	1	2	77
.....	14	2	1	.....	.....	4	1	1	.....	1	.....	.....	2	3	2	2	1	77
.....	2	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	1	.....	77A
.....	4	1	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	77A
.....	7	1	.....	.....	.....	2	.....	1	.....	1	.....	.....	1	1	.....	1	1	77B
.....	1	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	1	1	.....	77B
.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	1	.....	77C
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	77C
.....	2	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	79
.....	1	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	79
.....	2	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	79B
.....	1	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	79B
.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79B
.....	18	3464	818	107	216	16	430	406	430	383	386	348	340	312	331	387	425	443
.....	12	1618	404	39	126	10	202	208	223	170	179	185	154	160	153	176	179	208
.....	6	1846	414	68	90	6	228	198	207	213	207	163	186	152	178	211	246	235
.....	11	.....	.....	1	.....	1	2	.....	.....	2	2	.....	1	1	1	1	1	180
.....	12	.....	.....	.....	.....	2	.....	2	5	.....	.....	1	.....	1	1	.....	.....	80A
.....	2	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	80A
.....	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	80A
.....	9	.....	.....	.....	.....	1	1	.....	.....	2	2	.....	1	1	.....	.....	.....	80B
.....	9	.....	.....	.....	.....	2	.....	2	4	.....	.....	1	.....	.....	.....	.....	.....	80B
.....	34	7	.....	.....	.....	2	7	9	2	3	4	2	.....	.....	7	3	2	81
.....	22	1	.....	1	.....	4	2	3	.....	4	1	2	.....	.....	2	3	3	81
.....	30	5	.....	.....	.....	1	6	7	1	2	4	2	.....	.....	7	3	2	81A
.....	20	1	.....	1	.....	4	2	2	.....	4	1	2	.....	.....	2	3	2	81A
.....	4	2	.....	.....	.....	1	1	2	1	1	.....	.....	.....	.....	.....	.....	.....	81B
.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	81B
.....	43	13	.....	7	.....	8	5	7	2	4	7	3	6	3	12	3	3	82
.....	37	8	3	1	.....	5	6	5	6	4	5	2	5	2	1	5	3	82
.....	9	1335	347	38	106	7	170	170	176	152	142	144	129	142	135	141	162	170
.....	5	1597	376	62	79	3	196	178	173	183	182	142	164	137	154	185	215	208
.....	6	463	128	18	53	4	46	68	62	63	51	45	49	48	55	51	56	72
.....	1	575	139	28	27	.....	73	57	58	70	68	47	60	62	54	64	86	70
.....	81	22	3	4	1	9	9	15	14	12	6	8	8	9	4	7	10	83B
.....	89	22	4	5	1	13	11	12	9	11	8	7	5	9	13	9	14	83B
.....	5	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....	2	1	.....	.....	.....	83C
.....	1	2	1	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	83C
.....	42	12	2	3	.....	5	8	8	7	4	1	1	5	5	6	7	2	83D
.....	1	72	22	2	.....	8	8	3	5	7	4	5	13	8	7	13	15	83D

TABLE 36—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	
83E. With mention of arterio- sclerosis.....	M	991			2	19	97			1	112	434		323	
	F	1127				20	128			5	126	235		611	
84. Mental disorders and defi- ciency (general paraly- sis of the insane ex- cepted).....	M	24	4	2	1	5				2	9			1	
	F	53	8	4	7	6	4			7	8	1		7	
84A Schizophrenia (dementia praecox).....	M	8		1		4				1	1			1	
	F	10		1	3	1	1			2		1		1	
84B. Others under this title..	M	16	4	1	1	1				1	8				
	F	43	8	3	4	5	3			5	8			6	
85. Epilepsy.....	M	51	8	13	12	5	1			3	4			3	
	F	31	5	6	7					5	1	3		4	
86. Convulsions (under 5 years of age).....	M	26	26												
	F	15	15												
87. Other diseases of the ner- vous system.....	M	114	4	1	3	11	6			8	18	42		20	
	F	106	5	2	1	3	15			4	10	25		41	
87A. Chorea.....	M	1										1			
	F	1										1			
87B. Neuritis.....	M	2				1						1			
	F	3			1									2	
87C. Paralysis agitans.....	M	43				4	1			1	8	20		9	
	F	46				1	7				4	16		18	
87D. Disseminated sclerosis..	M	54			3	3	5			5	8	18		11	
	F	46				2	7			2	5	9		21	
87E. Others under this title..	M	14	4	1		3				2	2	2			
	F	10	5	2			1			2					
88. Diseases of organs of vi- sion.....	M	7	1				1				1	2		2	
	F	3									1			2	
89. Diseases of the ear and of the mastoid process....	M	26	9	6	2					2	4	2		1	
	F	14	5	1	1					2	2	1		2	
89A. Otitis and other diseases of the ear.....	M	14	6	4	1					1	2				
	F	11	3	1	1					1	2	1		2	
89B. Diseases of the mastoid process.....	M	12	3	2	1					1	2	2		1	
	F	3	2							1					
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM															
Total.....			13148	22	55	126	454	1168	3	17	372	2424	3580	2	4866
	M	7450	13	31	79	310	568	2	109	224	1684	2532	2	1939	
	F	5698	9	24	47	144	600	1	7	148	740	1048		2927	
90-95 Diseases of the heart..	M	6920	10	31	77	298	511	2	9	213	1628	2329	2	1762	
	F	5149	8	23	47	137	519	1	7	141	699	962		2602	
90. Pericarditis (acute rheu- matic excluded).....	M	4								1	2			1	
	F	3	1								1			1	
90A. Chronic rheumatic peri- carditis.....	F	1									1				
90B. Others under this title..	M	4								1	2			1	
	F	2	1											1	
91. Acute endocarditis (non- rheumatic).....	M	52	1	8	7	2	1		3	12	9	4		5	
	F	52	2	8	7	1	2		3	14	10			5	
91A. Bacterial endocarditis (acute, subacute or un- specified).....	M	35		5	4	2	1		1	7	7	3		5	
	F	39	1	7	4	1	1		2	9	10			4	
91B. Other acute or subacute endocarditis.....	M	4			1						2	1			
	F	4			2		1							1	
91C. Endocarditis (not speci- fied under 45 years)....	M	13	1	3	2				2	5					
	F	9	1	1	1				1	5					
92. Chronic affections of the valves and endocardium	M	602	6	9	17	24	45		1	32	136	182		147	
	F	566	1	3	8	17	50		2	42	99	100		243	

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—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															
3 2	744 859	184 192	15 30	46 45	2 1	109 101	85 102	91 100	68 99	75 96	91 82	71 92	79 57	65 83	80 100	92 106	85 109	83E	
1	17 41	5 7	1 3	1 3	1 2	2 3	2 4	3 6	7	3	2 3	3 4	2 4	3 5	2 6	5	2 6	84	
1	4 7	2 2	1 1	1 1	1 1	1	1	1	1	2	1	1	1	1	2	2	2	1 2	84A
1	13 34	3 5	1 3	1 3	1 1	2 3	1 4	2 6	2	1	2 3	2 3	1 4	2 3	2 4	2 3	2 4	1 2	84B
2	44 26	2 3	4 1	4 1	1 1	3 3	3 2	6 2	3 2	8 3	5 2	5 3	5 2	4 4	4 1	3 4	4 4	7 4	85
1	26 15	1	1	1	1	1	4	3	3	3	3	3	2	2	2	3	1	2 1	86
1	82 81	26 19	1 1	4 4	1 1	12 11	9 5	14 12	7 7	13 11	15 8	8 7	1 4	7 8	6 12	7 11	15 10	1 1	87
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	87A
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	87B
1	35 37	8 8	1 1	1 1	1 1	5 5	4 4	7 6	4 3	3 4	6 7	4 3	1 3	2 5	1 5	1 7	2 4	3 4	87C
1	33 34	15 8	1 1	1 2	1 1	4 5	4 4	6 5	1 3	7 5	6 3	4 3	3 1	5 1	5 4	5 4	4 6	7 6	87D
1	12 9	2	1	1	1	2	1	2	2	2	2	2	1	1	1	1	2	2	87E
1	4 2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	88
1	22 13	2	2	2	2	3 2	5 1	4 2	1 1	3 2	1 2	1 1	1 1	1 2	1 1	2	2	6	89
1	11 10	2	1	1	1	3 1	4 1	1 2	1 1	1	1	1	1	1	2	1	2	3	89A
1	11 3	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	1	3	89B
59	9201	2761	341	768	77	1323	1150	1222	1189	1064	1011	927	839	890	1175	1077	1281		
56 3	5094 4107	1590 1171	189 152	516 252	61 16	751 572	645 505	696 526	688 501	615 449	596 415	502 425	473 366	507 383	664 511	618 459	695 586		
48 3	4699 3706	1500 1059	181 137	487 233	53 14	677 507	602 463	636 478	631 444	570 404	557 380	464 383	443 333	473 355	628 464	581 411	658 527	90-95	
1	4 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	90
1	4 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	90A
1	4 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	90B
1	40 41	9 5	2 3	1 3	1 3	7 3	1 7	7 2	4 4	5 3	4 4	2 9	4 4	5 7	4 3	5 4	4 4	4 2	91
1	27 30	5 3	2 3	1 3	1 3	6 3	1 4	5 2	2 2	2 3	3 2	1 6	3 4	4 6	3 2	4 4	1	2	91A
1	4 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	91B
1	9 8	4 1	1	1	1	2	2	2	2	3	1	1	1	1	1	1	1	1	91C
3 1	436 413	109 106	14 21	40 25	3 1	58 44	48 55	63 60	55 44	56 28	56 48	29 43	47 42	42 38	60 62	40 42	48 60	92	

TABLE 36—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		
92A. Specified valvular diseases (rheumatic).....	M	215	4	6	13	7	11	.....	1	26	58	44	.....	43
	F	219	1	3	6	8	21	.....	2	25	51	20	.....	82
92B. Other specified valvular diseases (non-rheumatic).....	M	258	2	2	4	10	24	.....	6	51	93	.....	65	
	F	235	.....	.....	2	6	20	.....	13	27	59	.....	107	
92C. Unspecified valvular lesions and endocarditis.	M	129	.....	1	.....	7	10	.....	.....	27	45	.....	39	
	F	112	.....	.....	.....	3	9	.....	4	21	21	.....	54	
93. Diseases of the myocardium.....	M	3410	2	9	23	120	326	2	3	42	487	1300	1	1068	
	F	3123	3	4	18	69	359	1	1	46	313	562	.....	1747
93A. Acute myocarditis.....	M	46	.....	1	1	1	6	.....	.....	5	10	14	.....	7
	F	37	.....	.....	3	1	4	.....	.....	2	7	1	.....	19
93B. Myocarditis (not specified under 45 years)....	M	17	2	2	4	.....	.....	.....	.....	9	.....	.....	.....	.....
	F	18	1	3	5	.....	.....	.....	.....	9	.....	.....	.....	.....
93C. Chronic myocarditis and myocardial degeneration (rheumatic).....	M	88	.....	.....	2	3	10	.....	.....	3	23	28	.....	19
	F	126	2	.....	3	7	16	.....	.....	7	15	18	.....	58
93D. Chronic myocarditis (non-rheumatic).....	M	2744	.....	6	16	87	263	2	3	21	373	1052	1	898
	F	2495	.....	1	7	50	292	1	1	28	229	463	.....	1423
93E. Other myocarditis (not specified).....	M	515	.....	.....	.....	29	47	.....	.....	4	81	206	.....	144
	F	447	.....	.....	.....	11	47	.....	.....	.....	62	80	.....	247
94. Diseases of the coronary arteries and angina pectoris.....	M	2616	.....	3	24	140	127	.....	1	114	928	779	.....	485
	F	1192	.....	.....	8	44	91	.....	.....	28	237	263	.....	520
94A. Diseases of the coronary arteries.....	M	2528	.....	3	24	134	121	.....	1	113	902	744	.....	472
	F	1140	.....	.....	7	41	89	.....	.....	28	232	251	.....	491
94B. Angina pectoris.....	M	88	.....	.....	.....	6	6	.....	.....	1	26	35	.....	13
	F	52	.....	.....	.....	3	2	.....	.....	.....	5	12	.....	29
95. Other diseases of the heart	M	236	1	2	6	12	12	.....	1	12	66	64	1	56
	F	213	1	8	6	6	17	.....	1	11	39	37	.....	86
95A. Functional diseases of the heart (no organic lesion).....	M	23	.....	.....	.....	2	1	.....	.....	.....	4	7	.....	9
	F	26	.....	.....	.....	1	2	.....	.....	.....	4	4	.....	15
95B. Other diseases of the heart (rheumatic).....	M	52	.....	2	6	3	1	.....	.....	6	16	11	.....	7
	F	59	1	6	5	4	5	.....	.....	8	15	4	.....	10
95C. Other diseases of the heart (non-rheumatic).....	M	161	1	.....	.....	7	10	.....	1	6	46	46	1	40
	F	128	.....	2	1	1	10	.....	1	3	20	29	.....	61
96. Aneurysm (heart and aorta excepted).....	M	13	.....	.....	1	1	1	.....	.....	.....	5	2	.....	2
	F	10	.....	.....	.....	.....	.....	.....	.....	2	3	1	.....	4
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted).....	M	393	.....	.....	.....	5	47	.....	.....	1	19	166	.....	150
	F	440	.....	.....	.....	2	74	.....	.....	.....	13	67	.....	284
98. Gangrene.....	M	22	1	.....	.....	.....	2	.....	.....	.....	1	12	.....	6
	F	15	.....	.....	.....	.....	3	.....	.....	.....	1	6	.....	5
99. Other diseases of the arteries.....	M	56	1	.....	.....	2	6	.....	.....	2	13	19	.....	11
	F	35	.....	.....	.....	2	3	.....	.....	.....	7	9	.....	14
100. Diseases of the veins.....	M	22	.....	.....	1	2	1	.....	1	3	10	1	.....	3
	F	24	1	1	.....	.....	1	.....	.....	2	9	2	.....	8
101. Diseases of the lymphatic system.....	M	5	1	.....	.....	1	.....	.....	.....	1	1	.....	.....	1
102. High blood pressure (idiopathic).....	M	17	.....	.....	.....	1	.....	.....	.....	4	6	3	.....	3
	F	24	.....	.....	.....	3	.....	.....	.....	3	8	1	.....	9
103. Other diseases of the circulatory system.....	M	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
CLASS VII.—DISEASES OF THE RESPIRATORY SYSTEM															
Total.....			2226	571	44	51	68	156	2	95	245	385	598
	M	1203	323	24	35	38	68	.....	.....	50	161	257	.....	238
	F	1023	248	20	16	30	88	.....	2	45	84	128	.....	360

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—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	157	35	5	16	2	18	21	18	27	17	23	9	18	12	18	14	20	92A
...	161	37	9	12	....	17	25	29	17	13	12	11	16	14	27	14	24	
1	189	48	6	14	1	30	22	36	18	23	24	13	19	18	26	18	11	92B
1	168	49	10	7	1	23	19	25	19	9	27	18	16	13	22	18	26	
...	90	26	3	10	....	10	5	9	10	16	9	7	10	12	16	8	17	92C
...	84	20	2	6	....	4	11	6	8	6	9	14	10	11	13	10	10	
27	2341	741	79	218	31	330	286	341	306	288	282	243	198	206	313	296	321	93
...	2238	660	81	135	9	327	262	299	279	247	230	225	199	209	292	250	304	
1	36	7	1	1	1	6	1	3	6	6	6	2	....	6	5	8	3	93A
...	26	7	....	4	....	7	3	1	1	2	4	5	....	1	3	8	2	
...	9	4	3	1	....	1	2	3	1	1	2	2	....	1	1	2	1	93B
...	15	1	1	1	....	1	2	1	1	2	2	3	....	....	3	2	1	
...	58	23	1	5	1	8	11	5	10	5	12	7	10	3	5	5	7	93C
...	85	33	1	7	....	10	15	10	1	9	10	11	9	7	17	10	17	
22	1856	629	59	177	23	265	226	274	253	231	229	195	153	172	257	227	262	93D
...	1777	536	69	104	9	264	200	246	232	202	178	171	167	177	229	201	228	
4	382	78	15	34	6	50	46	56	36	45	39	37	35	24	45	54	48	93E
...	335	83	10	19	....	45	42	41	44	32	36	35	23	24	40	29	56	
15	1729	586	81	204	16	251	248	206	236	207	208	173	179	156	236	214	262	94
1	856	252	26	54	4	117	114	100	101	106	80	91	69	88	89	96	141	
14	1663	569	79	201	16	244	241	196	226	198	202	166	176	191	224	207	257	94A
1	811	246	25	54	4	116	110	96	94	100	75	88	65	82	85	91	138	
1	66	17	2	3	....	7	7	10	10	9	6	7	3	5	12	7	5	94B
...	45	6	1	....	....	1	4	4	7	6	5	3	4	6	4	5	3	
3	149	55	5	24	3	31	19	18	29	14	7	17	15	24	14	25	23	95
1	157	36	5	15	....	16	24	17	16	20	18	15	19	13	17	19	19	
...	14	7	1	1	....	1	2	2	5	2	....	1	....	5	2	1	2	95A
...	22	3	....	1	....	2	2	3	2	1	2	1	3	1	4	5	....
...	32	11	3	6	....	5	2	6	6	4	....	8	3	8	2	7	1	95B
1	37	14	1	7	....	5	7	1	4	4	8	7	6	1	2	8	6	
3	103	37	1	17	3	25	15	10	18	8	7	8	12	11	10	17	20	95C
...	98	19	4	7	....	9	15	13	10	15	8	7	10	11	11	6	13	
1	7	3	....	2	1	2	2	1	3	3	....	1	....	....	....	....	....	96
...	7	1	1	1	....	1	....	....	2	1	....	1	....	1	....	1	3	
5	300	69	4	17	3	54	29	45	42	33	27	24	24	26	32	31	97	
...	333	85	10	11	1	52	36	41	48	36	27	32	27	20	34	36	51	
...	19	1	1	1	....	1	2	3	2	2	2	4	2	1	1	1	1	98
...	11	3	1	....	....	1	....	3	2	1	1	....	2	1	1	1	2	
2	41	5	3	3	4	11	7	5	3	4	4	7	2	4	4	2	3	99
...	22	9	2	1	1	1	3	2	2	5	4	3	2	1	6	4	2	
...	11	8	....	3	....	3	1	3	5	2	2	1	1	1	3	....	....	100
...	10	9	1	4	....	7	1	1	2	1	2	3	....	2	1	4	....
...	5	....	....	....	....	....	....	1	....	....	1	....	....	1	1	....	1	101
...	11	3	....	3	....	3	1	2	2	1	3	1	1	1	1	1	1	102
...	18	4	....	2	....	3	2	1	1	1	1	3	2	2	5	2	1	
...	1	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	103
...	1	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
11	1678	394	29	112	13	251	224	238	222	182	135	118	120	108	192	195	241	
9	882	224	11	76	10	147	127	127	115	94	76	56	61	62	109	105	124	
2	796	170	18	36	3	104	97	111	107	88	59	62	59	46	83	90	117	

TABLE 36—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		
104. Diseases of the nasal fossae and accessory sinuses.....	M	16	2	3	2	1						4	1	2		1
	F	11	2	1	1	1						1	3	2		
105. Diseases of the larynx..	M	4	2													2
	F	2														
106. Bronchitis.....	M	56	16	2	1	2	2					1	9	13		10
	F	51	12	1	1	2	4			1		4	1	6		19
106A. Acute.....	M	13	10	1	1											1
	F	20	11				2					1		3		3
106B. Chronic.....	M	34	3	1		2	1					1	7	12		7
	F	23	11	1	1	2	1			1		2		1		14
106C. Unspecified.....	M	9	3				1						2	1		2
	F	8	1				1					1	1	2		2
107. Broncho pneumonia.....	M	531	189	9	10	12	39					7	40	105		113
	F	464	131	3	7	13	42			1		14	31	56		165
108. Lobar pneumonia.....	M	271	39	8	9	16	10					17	52	67		51
	F	215	39	6	3	8	16					16	22	30		74
109. Pneumonia (unspecified)	M	183	65	1	4	2	10					9	23	36		33
	F	134	50	2	1	3	13					2	11	14		38
110. Pleurisy.....	M	27	6	1	3		2					2	8	1		4
	F	21	6	1	1	1	1					3		2		6
110A. Empyema.....	M	19	4	1	2		1					2	7			2
	F	14	6	1	1	1						2		2		1
110B. Others under this title.	M	8	2		1								1	1		2
	F	7					1					1				5
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs	M	46	2		1		4						6	17		16
	F	77	1	1	1		11					2	3	13		45
111A. Haemorrhagic infarction and thrombosis of the lungs.....	M	8					1						3	1		3
	F	8			1									5		2
111B. Others under this title	M	38	2		1		3						3	16		13
	F	69	1	1			11					2	3	8		43
112. Asthma.....	M	34	1			3	1					3	11	9		5
	F	34	2	4		2						2	9	4		11
113. Pulmonary emphysema.	M	2										1	1			
	F	3	1		1		1									
114. Other diseases of the respiratory system (tuberculosis excepted)	M	33	1		4	2						6	10	7		3
	F	11	2	1								1	4	1		2
114A. Silicosis.....	M	9											5	4		
114B. Other and unspecified forms of pneumoconioses.....	M	1														
	F	3														
114C. Gangrene of lung.....	M	1														1
114D. Others under this title.	M	20	1		4	2						4	5	2		2
	F	11	2	1								1	4	1		2
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																
Total																
		1728	347	42	51	76	64			5	144	405	267			323
	M	1010	198	22	37	54	38			2	82	250	195			128
	F	718	149	20	14	22	26			3	62	155	72			195
115. Diseases of the buccal cavity and annaxa, and of the pharynx and tonsils.....	M	51	16	2	4		1					10	8	1		8
	F	41	10	4	3	2	1					10	3	1		7
115A. Diseases of the teeth and gums.....	M	15	3	1	1							2	4	1		2
	F	6			1	2						3				
115B. Septic sore throat.....	M	9	3		1							3				3
	F	19	3	4			1					4	1	1		5
115C. Diseases of the pharynx and tonsils.....	M	24	9	1	1		1					4	4			4
	F	14	6		2							3	2			1
115D. Others under this title.	M	3	1		1							1				
	F	2	1													1
116. Diseases of the oesophagus.....	M	5	1													2
	F	1												1		
117. Ulcer of the stomach or duodenum.....	M	261	1	1	14	26	10			1	25	85	60			36
	F	64		2		1	5				6	16	6			28

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—Continued

Not stated	NATIVITY					MONTHS													
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
			USA	Other															
	13	2		1		1	1		1	2	1	2	3	1	1	1	2	104	
	9	2				3	1			1		1		1	2			2	105
	2								1				1						
	45	7		4		7	4		1	7	4	2	4	3	5	5		10	106
	42	6	1	2		7	3	3	4	5	1	6		1	7	7		7	106A
	13					3	1	2		3	1	2		1	1	3		2	106B
	18	2				3	3			2	3	3	2	3	1	3	4	2	106B
	25	6		3		4	2			2	2	2	4		6	1	2	6	106B
	18	3	1	1		1				3	1				1	1	1	1	106C
	7	6		1		1			1									3	106C
7	408	87	2	27	7	67	52	65	54	37	34	24	20	21	48	50	59	107	
1	360	81	9	13		43	48	60	58	36	22	24	30	18	42	38	45	107	
2	176	66	5	23	1	38	41	32	17	34	17	8	11	14	23	22	24	108	
1	158	44	3	9	1	24	22	26	11	21	16	17	7	6	18	16	31	108	
	142	30	3	6	2	21	19	20	17	18	9	10	10	7	23	15	14	109	
	113	16		4	1	11	10	11	17	14	5	8	10	9	7	14	18	109	
	17	6		4		3		3	3	5	2	5	3	1			2	110	
	20	5				1	2		1	4	4	1	3	1	1		1	110A	
	10	1		4		2		2	2	3	2	4	2	1				110A	
	13	1				1	1		1	3	3	1	1	1	1		1	110A	
	7	1				1		1	1	2		1	1					110B	
	7					1	1			1	1		2				1	110B	
	36	8	1	1		1	5	5	7		2	2	2	7	3	6	6	111	
	58	12	4	3		7	10	5	8	6	8	5	4	4	3	10	7	111	
	6	2						1	1					2	1	1	2	111A	
	6	1		1		1		1	1	1	1	1		1	1	2	5	111A	
	30	6	1	2		1	5	4	6		2	2	5	2	5	4	7	111B	
	52	11	4	2		6	10	4	8	5	7	4	4	4	2	8	7	111B	
	21	10		3		2	4		4	2	2	2	3	5	4	2	4	112	
	26	5		3		5	1	1	4	2	3		4	4	3	2	5	112	
	1			1			1						1					113	
	3						1	1	1							1		113	
	20	7		6		6		1	5	1	5	1	3	3	2	4	2	114	
	5	3	1	2		3		3	2		2		2				1	114A	
	2	3		4		3			1	2			1		2			114A	
	1										1							114B	
	2	1				1									1		1	114C	
	15	3		2		2		1	5		2	1	2	3	1	2	1	114D	
	5	3	1	2		3		3	2					2			1	114D	
4	1291	290	43	103	1	136	124	149	134	146	149	136	141	160	151	146	156		
4	740	168	26	75	1	90	88	89	77	85	84	73	89	94	79	76	86		
	551	122	17	28		46	36	60	57	61	65	63	52	66	72	70	70		
1	41	4	1	5		6	7	4	9	1	5	5	4	2	3	1	4	115	
	34	4	2	1		5	2	5	5	5	3	3	3	1	6	2	1	115	
1	11	1		3		2		1	2		1	1	2	2	2	1	1	115A	
	5		1			1	1		1	2						1		115B	
	8	1				1	2	1	2			2	1					115B	
	15	2	1	1		4	1	5	3	2	1	1			1		1	115B	
	19	2	1	2		2	5	2	5	1	3	2	1		1		2	115C	
	12	2							1	1	1	2	3		5	1		115C	
	3					1					1						1	115D	
	2										1			1				115D	
	5									1				3				116	
	1													1				116	
2	159	63	9	29	1	24	32	22	20	20	19	11	17	24	20	24	28	117	
	42	19		3		2	6	7	4	8	3	6	2	7	5	8	6	117	

TABLE 36—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
117A. Stomach.....	M	131		1	5	14	3		1	9	45	33		19
	F	33		1		1	1			2	8	4		16
117B. Duodenum.....	M	130	1		9	12	7			16	40	27		17
	F	31		1			4			4	8	2		12
118. Other diseases of the stomach.....	M	17	3	1	1	1					7	2		2
	F	12	3			1	1			1		1		5
119. Diarrhoea and enteritis (under 2 years of age).	M	135	135											
	F	111	111											
119A. Diarrhoea and enteritis	M	135	135											
	F	110	110											
119B. Ulceration of the intes- tines.....	F	1	1											
120. Diarrhoea and enteritis (2 years of age and over).....	M	49	12	2	1		2			5	8	11		8
	F	48	6	3	4	5	4			2	14	2		8
120A. Diarrhoea and enteritis	M	28	12				2				2	6		6
	F	25	6		1	3	2			1	4	2		6
120B. Ulceration of the intes- tines.....	M	21		2	1					5	6	5		2
	F	23		3	3	2	2			1	10			2
121. Appendicitis.....	M	102	16	12	9	3	1			16	30	9		6
	F	58	13	6	2		2		1	6	15	5		8
122. Hernia, intestinal ob- struction.....	M	171	12	2	1	11	14		1	10	46	50		24
	F	137	5	4	3	4	5		2	8	26	25		55
122A. Hernia.....	M	80	3			5	9			3	20	26		14
	F	54		1		1	1			2	15	9		25
122B. Intestinal obstruction.	M	91	9	2	1	6	5		1	7	26	24		10
	F	83	5	3	3	3	4		2	6	11	16		30
123. Other diseases of the in- testines.....	M	20			2					1	5	6		6
	F	13				1	2				3	3		4
124. Cirrhosis of the liver...	M	105	1		2	10	6			6	36	27		16
	F	65		1		3	2			5	20	7		27
124A. With mention of alco- holism.....	M	13				2				1	7	2		1
	F	4				1				1				2
124B. Without mention of alco- holism.....	M	92	1		2	8	6			5	29	25		15
	F	61		1		2	2			4	20	7		25
125. Other diseases of the liver	M	16		2	1	1	1			3	3	4		1
	F	16		1	1	1				3	5			6
125A. Acute yellow atrophy..	M	4		2								2		
	F	3			1					2				
125B. Others under this title	M	12			1	1	1			3	3	2		1
	F	13			1	1				1	5			6
126. Biliary calculi.....	M	35			1	1	1			4	10	11		8
	F	72				3	2			11	24	12		20
127. Other diseases of the gall- bladder and bile ducts	M	25			1	1	1			2	5	8		7
	F	56				1	1			6	18	6		24
128. Diseases of the pancreas	M	8			1						3	1		3
	F	14			1					3	8	2		
129. Peritonitis without stat- ed cause.....	M	10	1				1				4	3		1
	F	10	1				1			1	3	1		3
CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEMS														
Total.....		2542	32	41	30	79	216	2	5	123	503	705		794
	M	1513	18	23	19	56	131	1	1	44	293	531		385
	F	1029	14	18	11	23	85	1	4	79	210	174		409
130. Acute nephritis.....	M	25	10	3		1	1			5	2	1		2
	F	18	3				2			2	4	4		2
131. Chronic nephritis.....	M	967	7	10	14	42	85	1	1	30	212	319		239
	F	843	8	14	6	22	71	1	2	52	158	150		359
132. Nephritis unspecified (over 10 years of age).	M	62		4	2	3	7			1	11	19		15
	F	42			1		3			3	8	8		19
133. Other diseases of the kidneys and ureters...	M	54	1	4	2	3				1	21	7		14
	F	57	2	3	3	1	3			7	14	6		18

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—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	78	30	4	19	13	18	8	11	13	9	6	9	13	7	12	12	117A
22	10	1	1	1	1	2	2	3	4	2	3	5	5	2	6	3	
81	33	5	10	1	11	14	14	9	7	10	5	8	11	13	12	16	117B
20	9	2	2	1	1	4	5	1	4	1	3	2	2	3	2	3	
14	2	1	1	1	2	1	1	1	2	1	2	1	3	2	2	3	118
10	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	
135	1	1	1	1	7	4	6	7	12	8	12	23	21	11	18	6	119
111	1	1	1	1	7	5	9	7	7	5	9	8	17	17	11	9	
135	1	1	1	1	7	4	6	7	12	8	12	23	21	11	18	6	119A
140	1	1	1	1	7	5	9	7	7	5	9	8	17	16	11	9	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	119B
37	9	1	2	2	2	3	2	6	3	9	6	3	6	5	2	2	120
37	9	1	2	2	2	3	2	2	6	3	4	4	4	4	3	11	
26	1	1	1	1	1	2	2	1	1	5	6	2	5	2	1	1	120A
19	4	2	2	2	1	2	2	3	2	2	3	3	2	3	1	5	
11	8	2	2	2	1	1	5	3	4	4	1	1	1	3	1	1	120B
18	5	2	2	2	2	2	2	3	1	1	1	1	2	1	2	6	
81	15	2	4	11	11	8	7	5	5	12	12	10	8	12	6	6	121
50	6	1	1	3	3	3	7	5	4	3	9	6	4	4	7	7	
117	36	5	13	18	14	15	14	19	16	12	14	15	11	11	12	122	
92	36	5	4	8	7	14	12	10	20	15	9	10	11	12	9		
50	19	4	7	12	5	11	6	9	6	5	8	5	2	7	4	122A	
37	14	1	2	1	3	4	5	4	10	2	7	3	4	5	6		
67	17	1	6	6	9	4	8	10	10	7	6	10	9	4	8	122B	
55	22	4	2	7	4	10	7	6	10	13	2	7	7	7	3		
14	5	1	1	3	1	4	1	2	1	1	2	1	2	1	2	123	
11	1	1	1	4	4	1	1	2	1	1	1	1	3	2	1	1	
68	19	4	14	9	9	16	6	11	10	8	8	10	5	4	9	124	
45	13	5	2	2	2	1	3	9	7	6	4	7	6	7	6		
7	2	3	1	2	2	5	1	1	1	1	1	1	1	1	1	124A	
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
1	61	17	13	7	7	9	11	5	11	9	7	7	9	5	4	8	124B
42	12	5	2	2	2	1	3	8	7	6	6	4	6	6	6	6	
9	3	1	3	1	1	1	3	1	1	2	1	2	2	2	2	125	
11	3	2	1	1	1	1	1	1	4	1	1	1	3	4	1		
2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	125A	
7	1	1	3	1	1	1	2	1	1	2	2	2	2	2	2	125B	
9	3	1	1	1	1	1	1	1	3	1	1	1	3	3	1		
28	3	2	2	3	3	3	3	5	4	2	1	1	6	2	5	126	
55	10	7	7	8	8	5	2	7	5	9	4	8	7	3	5	9	
21	3	1	1	3	3	4	5	1	3	3	4	2	1	1	1	4	127
38	11	1	6	2	2	2	6	2	6	3	4	4	10	6	6	5	
6	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	128	
6	7	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	
5	5	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	129
8	1	1	1	1	1	1	3	1	1	2	1	1	1	1	1	1	
12	1888	436	63	143	12	241	196	257	204	237	176	195	188	196	209	207	236
11	1094	282	36	91	10	146	112	155	111	138	101	125	111	117	138	119	140
1	794	154	27	52	2	95	84	102	93	99	75	70	77	79	71	88	96
22	2	1	1	1	2	4	2	2	2	3	1	2	2	4	1	2	130
16	1	1	1	1	2	2	2	4	2	3	1	2	2	2	2	1	
7	725	159	23	55	5	103	76	102	67	89	60	81	71	64	89	74	91
652	126	23	40	2	84	66	84	71	81	56	61	63	65	56	72	84	131
41	13	1	6	8	8	4	8	7	4	6	5	3	5	5	2	5	132
33	6	2	1	5	5	2	6	4	4	1	2	4	3	3	3	4	
1	33	13	1	7	5	3	7	3	7	3	4	3	2	6	3	8	133
36	13	1	7	3	3	7	6	4	3	8	4	5	5	6	5	1	

TABLE 36—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	
134. Calculi of the urinary passages.....	M	50		1	1	4					4	13	21		6
	F	9									1	3	2		2
135. Diseases of the urinary bladder.....	M	15										1	7		4
	F	11										3	1		4
136. Diseases of the urethra, urinary abscess, etc.....	M	14									2	6	4		2
	F	1													
136A. Stricture of the urethra.....	M	9									2	3	3		1
136B. Others under this title.....	M	5										3	1		1
	F	1													
137. Diseases of the prostate.....	M	321		1		3					1	26	151		101
138. Diseases of the male genital organs (non-venereal).....	M	5										1	2		2
139. Diseases of the female genital organs (non-venereal).....	F	48	1	1	1		1			2	14	20	3		5
139A. Ovaries, Fallopian tubes and parametria.....	F	19	1		1					1	8	6			2
139B. Uterus.....	F	26		1						1	6	12	3		3
139C. Others under this title.....	F	3										2			
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH, AND THE PUERPERAL STATE															
Total.....		206		12	9						37	146	1		1
140. Abortion with mention of infection.....	F	34		7	4						3	19			1
140A. Spontaneous, therapeutic or unspecified.....	F	17		1	2						1	12			1
140B. Self-induced.....	F	13		4	1						2	6			
140C. Non-therapeutic.....	F	4		2	1							1			
141. Abortion without mention of infection.....	F	9		1	1						1	6			
141A. Spontaneous, therapeutic or unspecified.....	F	6									1	5			
141B. Self-induced.....	F	1										1			
141C. Non-therapeutic.....	F	2		1	1										
142. Ectopic gestation.....	F	10			2						1	7			
142A. With mention of infection.....	F	2									1	1			
142B. Without mention of infection.....	F	8			2							6			
143. Haemorrhage of pregnancy—death prior to delivery.....	F	1											1		
143A. Placenta praevia.....	F	1											1		
144. Toxaemias of pregnancy—death prior to delivery.....	F	18		1							4	13			
145. Other diseases and accidents of pregnancy—death prior to delivery.....	F	2										2			
146. Haemorrhage of childbirth and the puerperium.....	F	28									6	22			
146A. Placenta praevia.....	F	8									1	7			
146B. Premature separation of placenta.....	F	2										2			
146C. Others under this title.....	F	18									5	13			
147. Infection during childbirth and the puerperium.....	F	41		1	1						7	32			
148. Puerperal toxaemias—following delivery.....	F	34		1							12	21			
148A. Puerperal eclampsia.....	F	23		1							7	15			
148B. Puerperal albuminuria and nephritis.....	F	6									4	2			
148C. Acute yellow atrophy of liver.....	F	3									1	2			
148D. Others under this title.....	F	2										2			
149. Other accidents of childbirth.....	F	21									2	19			

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
26 7	15	2	6	1	3	2	2	6	3	4	3	9	2	3	6	7	134	
10 10	4	1	1	1	1	1	2	2	1	2	2	2	1	2	1	2	135	
10 1	3	1		3		1	2		1	1	1	1	3	2		1	136	
7 3	1	1		3			2		1		1	1	2	1	2		136A	
3 1	2					1				1			1	1	2		136B	
3	224	72	8	15	21	22	29	22	28	26	27	21	39	31	29	26	137	
3	1			1			2		3								138	
39	7		2		1	4	6	4	7	5	3	3	4	2	6	3	139	
16 21	2		1				3		3	3	1	1	1	1	4	2	139A	
2	1		1		1	4	3	4	4	1	1	2	3	1	1	1	139B	
										1	1				1		139C	
171	19	4	12		22	28	19	17	10	21	15	14	13	12	12	23		
25	5		4		7	4	5	2		4	1	1	1	5	1	3	140	
10 11	5		2		3	3	2	1		3	1		1	1	1	1	140A	
4			2		3		2	1		1		1		3		2	140B	
					1	1	1							1			140C	
5	2		2			1		1		1	1	1	2		1	1	141	
4	1		1					1		1			2		1	1	141A	
1	1										1						141B	
9			1		1	1	2					3		1		2	141C	
1			1		1		1										142	
8						1	1					3		1		2	142A	
																	142B	
1						1											143	
1						1											143A	
18					2	4	2	3	1	3	1						144	
1	1												1		1		145	
23 8	3		2		3	4	1	2		4	2	2	4	2	1	3	146	
					2	1	1			1	1		1		2	2	146A	
1	1							1		1							146B	
14	2		2		1	3		1		3	1	2	3	2	1	1	146C	
36	3	1	1		4	7	4	3	3	4	3	3	1	3	2	4	147	
29 19	3	1	1		1	5	3	5	2	3	2	3	3	1	3	3	148	
	2	1	1			4	1	4	1	2	2	1	3	1	2	2	148A	
6							1	1	1			1			1	1	148B	
2	1					1				1		1					148C	
2					1		1										148D	
17	1	2	1		3	1	1		2	2	5	1			3	3	149	

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—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		1	1			2		2					1	149A
	12	1	1			2		1			2	3	1			3	2	149B
	7	1				1		1	1	2				1			2	150
	1																1	150B
	6	1				1		1	1	2				1			1	150C
	27	7		4		4	3	5	3	4	2	3	4	2	2	5	1	
	14	5		3		3	1	3	1	3		1	3	2	2	2	1	
	13	2		1		1	2	2	2	1	2	2	1			3		
	4	2		1		1		1					1		1	2	1	151
	1			1						1			1					
	4	1		2		2		1	1				1	1				152
	3						1	1								1		
	6	2					1	1	1	3			1	1	1			153
	9	2				1	1	1	2	1	1	2				2		
	43	11	2	3		5	2	8	2	4	3	4	4	4	9	10	4	
	26	6	1	2		3	1	5	1	1	3	3	2	1	5	7	3	
	17	5	1	1		2	1	3	1	3		1	2	3	4	3	1	
	12	4	1	1		2		2	1			3		1	3	5	1	154
	6	1				1		2		1				1	1	1		
	4							3							1			155
	6	3	1					1	1	1				2	2	2	1	
	10	2		1		1	1			1	3		2		1	2	2	156
	5	1		1		1	1			1		1	2		1			
	5	1					1				1		2			1	1	156A
	3	1		1			1			1			2		1			
	5	1		1		1				1	2				1	1	1	156B
	2					1						1						
	668	4	2		1	49	53	66	59	64	45	60	56	60	52	52	59	
	340	4	2		1	29	30	39	33	26	28	28	24	33	27	23	27	
	328					20	23	27	26	38	17	32	32	27	25	29	32	
	340	4	2		1	29	30	39	33	26	28	28	24	33	27	23	27	157
	328					20	23	27	26	38	17	32	32	27	25	29	32	
	43		1			2	1	4	3	5	4	2	5	6	6	4	4	157A
	64					4	4	7	5	6	3	7	3	6	4	6	9	
	49					3	5	7	2	3	1	4	2	5	6	3	8	157B
	81					4	7	5	8	9	5	10	12	3	3	5	10	
	3						1	1					1					157C
	13					3	1	1			1		1	1	2		3	

TABLE 36—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	
157D. Congenital malforma- tions of the heart.....	M F	135 89	124 80	5 2	2 4	1					1	1	1		
157E. Others under this title	M F	116 81	107 78	2 1	1						1	4	1		1 1
CLASS XV.—DISEASES PECU- LIAR TO THE FIRST YEAR OF LIFE															
Total		1437	1437												
	M F	871 566	871 566												
158. Congenital debility.....	M F	44 25	44 25												
159. Premature birth.....	M F	473 346	473 346												
160. Injury at birth.....	M F	207 112	207 112												
160A. Intracranial or spinal haemorrhage.....	M F	93 42	93 42												
160B. Other intracranial or spinal injuries.....	M F	8 3	8 3												
160C. Others under this title.	M F	106 67	106 67												
161. Other diseases peculiar to the first year of life.	M F	147 83	147 83												
161A. Asphyxia (unspecified) atelectasis.....	M F	68 41	68 41												
161B. Infection of the umbeli- cus, pemphigus and other infections.....	M F	13 5	13 5												
161C. Other specified diseases peculiar to the first year of life.....	M F	66 37	66 37												
CLASS XVI.—SENILITY															
Total		366					47						79		238
	M F	156 210					16 31						50 29		88 150
162. Senility.....	M F	156 210					16 31						50 29		88 150
162A. With dementia.....	M F	14 21					1 1						8 7		5 13
162B. Without dementia.....	M F	142 189					15 30						42 22		83 137
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS															
Total		3069	418	381	214	121	147	7	48	356	417	314			609
	M F	2124 945	282 136	333 48	180 34	105 16	70 77	5 2	36 12	282 74	328 89	223 91			244 365
163-164. Suicides.....	M F	252 99	2 6	15 9	24 3	24 3	10 4		4 2	34 30	72 28	29 3			31 14
163. Suicides by poisoning...	M F	42 47		3 4	3 6	1	2		1 1	8 17	13 12	4 1			6 6
163A. Bycorrosivesubstances, solid and liquid poison- ings.....	M F	24 21		2 3	3 3	1				6 1	6 7	1 4			4 2
163B. By poisonous gas.....	M F	18 26		1 1			2		1 1	2 8	7 3	3			2 4
164. Suicide by other means.	M F	210 52	2	12 2	21 3	23 3	8 4		3 1	26 13	59 16	25 2			25 8
164A. By hanging or strangu- lation.....	M F	70 13		4 6	11 1		2			8 2	26 5	8 1			4 2

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—Continued

Not stated	NATIVITY				MONTHS													
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
	133		1		1	13	12	16	19	12	7	12	9	15	6	5	9	157D
	89					4	8	9	6	14	5	6	7	9	4	11	6	157E
	112	4				11	11	11	9	6	16	10	7	9	9	11	6	157E
	81					5	3	5	7	9	3	9	9	8	12	7	4	
.....	1437					113	101	107	157	145	117	126	108	116	109	116	122	
	871					62	61	67	96	75	69	79	70	71	68	76	77	
	566					51	40	40	61	70	48	47	38	45	41	40	45	
	44					5	2	2	6	3	2	4	3	6	6	2	3	158
	25					3	2	3	1	3	1	1	2	3	4	1	1	
	473					36	32	32	56	39	37	45	36	39	40	39	42	159
	346					27	24	24	42	46	32	30	24	28	24	21	24	
	207					13	15	20	23	20	16	16	21	14	12	23	14	160
	112					13	7	6	11	14	10	9	8	8	7	8	11	
	93					7	8	15	11	11	7	3	8	2	7	9	5	160A
	42					6	4	2	3	5	2	3	3	3	2	4	5	
	8					1	2					1	1	2			1	160B
	3					1	1		1									
	106					5	5	5	12	9	9	12	12	10	5	14	8	160C
	67					6	2	4	7	9	8	6	5	5	5	4	6	
	147					8	12	13	11	13	14	14	10	12	10	12	18	161
	83					8	7	7	7	7	5	7	4	6	6	10	9	
	68					3	4	3	7	9	6	6	7	7	2	7	7	161A
	41					5	2	2	2	6	3	7	2	1	4	2	5	
	13					1		1			2	1	3	1	2	2		161B
	5					1	1	3										
	66					4	8	9	4	4	6	7		4	6	3	11	161C
	37					2	4	2	5	1	2			5	2	8	4	
.....	2	285	67	7	5	2	33	32	24	36	32	34	29	25	32	23	25	41
.....	2	120	28	3	3	2	15	15	12	18	14	11	11	8	17	11	8	16
	165	39	4	2			18	17	12	18	18	23	18	17	15	12	17	25
.....	2	120	28	3	3	2	15	15	12	18	14	11	11	8	17	11	8	16
	165	39	4	2			18	17	12	18	18	23	18	17	15	12	17	25
	13	1					3	2		2	1	1	2	2	1			162A
	17	3	1				1		1	2	3	2	3	1		4	2	
.....	2	107	27	3	3	2	12	13	12	16	13	10	9	6	16	11	8	16
	148	36	3	2			17	17	11	16	16	20	16	14	14	12	13	23
.....	37	2238	398	116	261	56	237	202	251	225	239	303	298	271	282	255	232	274
	36	1510	264	88	216	46	162	132	175	155	148	215	226	191	208	175	156	181
	728	134	45	28	10	75	70	76	76	70	91	88	72	80	74	80	76	93
.....	7	146	39	10	50	7	16	16	24	26	25	24	29	16	25	17	14	20
	69	17	6	6	1		9	7	11	9	6	15	4	6	11	10	8	3
.....	1	25	8	1	8		4	2	6	5	3	3	10	1	3	2	1	2
	36	7	2	1	1		5	5	8	4	3	4	2	1	4	4	5	2
.....	1	14	2	1	7		1	1	4	3	3	2	4		1	2	1	2
	20						2	2	4	3		2	1		1	3	2	1
	11	6					3	1	2	2		1	6	1	2			163B
	16	7	1	1	1		3	3	4	1	3	2	1	1	3	1	3	1
.....	6	121	31	9	42	7	12	14	18	21	22	21	19	15	22	15	13	18
	33	10	4	5			4	2	3	5	3	11	2	5	7	6	3	1
.....	3	41	5	2	19	3	7	5	7	7	6	9	1	5	6	5	2	10
	8	3	1	1			2		2	1		1	1	2	2	1	1	1

TABLE 36—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		
178. Accidental absorption of poisonous gas.....	M	26		2	3	1	3					2	7	5		3
	F	14	2	1	2	1				1		4	2			1
178A. Coal and illuminating gas.....	M	11					3					1	2	3		2
	F	9	1		2	1				1		3	1			
178B. Motor vehicle exhaust gas.....	M	7		2	2	1							2			
178C. Other carbon-monoxide gas.....	M	6			1							1	1	2		1
	F	5	1	1								1	1			1
178D. Other poisonous gases.....	M	2											2			
179. Acute accidental poisoning by solids or liquids	M	12	6	1								3	2			
	F	13	6	2	1	1						2	1			
180. Conflagration.....	M	52	20	8	2	3	4					4	4	2		5
	F	20	10			2	1					2	1	1		3
181. Accidental burns (conflagration excepted)....	M	43	12	4	3	2						4	7	2		9
	F	40	10	1		1	3			2		2	3	3		15
182. Accidental mechanical suffocation.....	M	29	22	2								2	1	1		1
	F	11	11													
183. Accidental drowning....	M	181	72	43	14	8	3	1				13	6	7		7
	F	33	21	5			1			1			1			3
184. Accidental injury by firearms.....	M	18	4	6	2							3	2			1
	F	1	1													
185. Accidental injury by cutting or piercing instruments.....	M	3	2		1											
186. Accidental injury by fall or crushing.....	M	328	17	8	15	13	19			1	28	46	82			97
	F	452	5	1	4	3	63	1		1	4	20	63			287
186A. Accidental injury by fall.....	M	291	14	6	9	8	19			1	19	38	81			95
	F	451	5	1	4	3	63	1		1	4	20	63			286
186B. Accidental injury by crushing.....	M	37	3	2	6	5						9	8	1		2
	F	1														1
188. Injury by animals.....	M	6	3			1										2
	F	3	1									1	1			
189. Hunger or thirst.....	M	2			1		1									
190. Excessive cold.....	M	11	1				1					1	3			4
	F	2										2				
191. Excessive heat.....	M	2				1										1
	F	5	1											2		2
192. Lightning.....	M	3	1	1								1				
	F	1				1										
193. Accidents due to electric currents.....	M	13	1	2		1						6	3			
	F	1										1				
194. Attack by venomous animals (non-occupational).....	M	1											1			
	F	1	1													
195. Other accidents.....	M	68	25	5	4	2	2			1	8	9	6			4
	F	49	14	2	1	2	4				2	1	4			19
195A. Sequelae of preventive immunization, inoculation or vaccination..	M	3	1								1	1				
	F	3		1							1	1				
195B. Other accidents due to medical or surgical intervention.....	M	2	1								1					
	F	1		1												
195C. Lack of care of the newborn.....	M	1	1													
	F	4	4													
195D. Obstruction, suffocation or puncture by ingested objects.....	M	24	15		1	2	1				1	3	1			
	F	14	10			2					1					1
195E. Other and unspecified objects.....	M	38	7	5	3		1			1		5	5			4
	F	27			1		4						4			18
196-198. Operations of war and legal executions...	M	1										1				
198. Legal executions.....	M	1										1				

TABLE 36—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 XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH															
Total		92	31	3	4	5	5				2	12	11		19
	M	53	18	1	2	5	1					11	4		11
	F	39	13	2	2		4			2	1	7			8
199. Sudden death.....	M	8										3	2		3
	F	1										1			
200. Ill-defined and unknown causes.....	M	45	18	1	2	5	1					8	2		8
	F	38	13	2	2		4			2	1	6			8
200A. Ill-defined.....	M	22	2		1	5	1					7	2		4
	F	22	8		2		4				1	3			4
200B. Found dead.....	M	3	2		1										
	F	1													1
200C. Unknown or unspecified cause.....	M	20	14	1								1			4
	F	15	5	2						2		3			3

CLASSIFICATION OF ACCIDENTAL DEATHS ACCORD

These accidental deaths are classified above according to circumstances involving

Accidental absorption of poisonous gas.....	M	33	3	2	4	1	5				2	8	5		3
	F	17	4	1	2	1				1	4	2			2
Accidental burns.....	M	108	30	17	8	5	2			3	10	15	4		14
	F	58	18	2		3	4			2	4	4	4		17
Accidental mechanical suffocation.....	M	38	23	4	1					2	4	1	1		1
	F	11	11												
Accidental drowning.....	M	283	78	71	25	11	5	1			36	30	11		8
	F	47	25	8	1		1			1	5	2			3
Accidental injury by cutting or piercing instruments	M	12	2	1	1		1				3	2	1		1
	F	2		1	1										
Accidental injury by fall....	M	357	21	14	16	10	25			3	25	51	92		99
	F	459	7	2	4	3	63	1		1	6	22	64		286
Accidental injury by crushing	M	861	73	193	89	48	17	4		21	138	124	66		71
	F	150	35	22	15	1	1	1		5	19	20	11		20
Accidents due to electric currents.....	M	15	1	2		1				1	7	3			
	F	1										1			

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1942—Continued

Not stated	NATIVITY					MONTHS											
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
.....	75	9	2	5	1	10	9	6	8	4	5	8	9	4	4	10	15
.....	44	4	2	3	.....	6	6	2	3	1	4	4	5	3	3	6	10
.....	31	5	.....	2	1	4	3	4	5	3	1	4	4	1	1	4	5
.....	7	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	4	1 199
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
.....	37	4	1	3	.....	6	6	2	2	1	4	3	4	3	3	2	9 200
.....	30	5	.....	2	1	4	3	4	5	3	1	4	4	.....	1	4	5
.....	14	4	1	3	.....	3	3	1	1	1	.....	3	3	1	1	2	3 200A
.....	17	3	.....	2	.....	2	3	3	1	1	.....	2	3	.....	.....	3	4
.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1 200B
.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	20	.....	.....	.....	.....	2	3	1	1	.....	3	.....	1	2	2	.....	5 200c
.....	12	2	.....	.....	1	2	.....	1	3	2	1	2	1	.....	1	1	1

ING TO THE NATURE OF INJURY

the accident under rubrics 169 to 176, 178, 180, 181, 182, 183, 185, 186, 187 and 193.

.....	25	3	.....	5	.....	5	2	5	2	2	2	.....	2	1	4	.....	8
.....	15	1	1	.....	.....	3	1	2	3	1	3	.....	.....	1	2	.....	7
.....	89	8	6	5	.....	9	15	11	10	3	1	9	11	7	9	16	.....
.....	48	5	.....	4	1	5	6	3	5	4	2	3	2	4	4	8	12
1	35	1	.....	.....	2	3	2	1	2	3	3	5	2	4	4	8	1
.....	11	.....	.....	.....	.....	2	.....	2	1	.....	.....	.....	2	1	1	2	.....
7	222	24	15	15	7	3	1	14	17	31	43	51	54	45	9	9	6
1	43	1	1	1	1	1	1	1	4	6	7	14	10	2	.....	1	.....
.....	10	2	.....	.....	.....	1	1	1	.....	.....	.....	1	1	3	1	1	2
1	1	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	261	58	9	28	1	35	19	37	16	21	32	32	34	38	37	22	34
.....	340	80	14	23	2	35	32	38	34	51	40	28	38	37	40	40	46
17	588	113	41	95	24	75	64	67	66	54	87	79	58	73	73	72	93
.....	121	20	5	4	.....	12	12	6	8	16	14	9	13	14	16	.....	25
.....	12	2	.....	1	.....	1	1	1	.....	1	.....	4	2	2	1	.....	2
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION, NATIVITY, AND MONTH OF DEATH, TORONTO, 1942.

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION, NATIVITY, AND MONTH OF DEATH, HAMILTON, 1942.

TABLE 39—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION, NATIVITY, AND MONTH OF DEATH, OTTAWA, 1942.

TABLE 40—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION, NATIVITY, AND MONTH OF DEATH, LONDON, 1942.

TABLE 41—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION, NATIVITY, AND MONTH OF DEATH, WINDSOR, 1942.

Detailed information regarding the above cities on file in the Registrar-General's Branch will be furnished upon receipt of a written request.

TABLE 42—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Albion	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora; incl. Patricia	Kent	Lambton		
	15,207	65	211	237	429	223	343	173	110	200	262	330	245	168	167	418	243	46	237	307	503	142	358	334		
Total.....	15,207	65	211	237	429	223	343	173	110	200	262	330	245	168	167	418	243	46	237	307	503	142	358	334		
CLASS I.—INFECTIONS AND PARASITIC DISEASES																										
Total.....	1044	210	30	11	6	47	7	1	..	6	9	15	23	5	14	3	2	2	8	14	28	13	5			
1. Typhoid fever.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Paratyphoid fever.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Cerebrospinal meningitis.....	4	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8. Scarlet fever.....	17	1	..	1	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..
9. Whooping-cough.....	38	1	..	..	..	..	9	..	..	..	..	1	1	..	1	..	1	..	..	..	..	1	3	1
10. Diphtheria.....	4	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12. Tetanus.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13-22. Tuberculosis.....	706	7	25	3	3	29	3	1	..	1	2	10	17	2	4	..	..	1	1	3	17	2	1	
13. Tuberculosis of the respiratory system.....	654	4	23	2	2	26	3	1	..	1	2	9	16	2	4	..	..	1	1	3	16	2	..	
13A. With mention of occupational diseases of lungs.....	19	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
13B. Without mention of occupational diseases of lungs.....	591	3	23	2	2	25	2	1	..	1	2	4	15	2	4	..	..	1	1	3	15	2	..	
13C. Unspecified site.....	9	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	
13D. With mention of dementia praecox.....	35	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..	..
14. Tuberculosis of the meninges and central nervous system.....	17	1	2	1	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
15. Tuberculosis of the intestines and peritoneum.....	5	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
16. Tuberculosis of the vertebral column.....	10	2	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
17. Tuberculosis of other bones and joints.....	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17A. Bones.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17B. Joints.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18. Tuberculosis of the skin and sub-cutaneous cellular tissue.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal glands excepted).....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20. Tuberculosis of the genitourinary system.....	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21. Tuberculosis of other organs.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22. Disseminated tuberculosis.....	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22A. Acute generalized miliary.....	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24. Purulent infection and septicaemia.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
26. Other diseases due to bacteria.....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27. Dysentery.....	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
30. Syphilis.....	66	..	1	..	..	1	..	..	..	..	1	1	2	..	1	..	..	..	..	1	..	..	2	2
30A. Locomotor ataxia (tabes dorsalis).....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30B. General paralysis of the insane.....	11	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..
30C. Other syphilis of the central nervous system.....	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
30D. Others under this title.....	44	..	1	..	..	1	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	2	2
32. Other diseases due to spirochaetes.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
33. Influenza.....	134	2	3	4	2	5	3	..	..	1	4	3	4	1	6	2	..	..	..	2	8	7	3	..
33A. With respiratory complications.....	76	1	2	1	1	3	2	..	..	1	1	2	3	1	4	2	..	..	..	..	..	..	2	..
33B. Without respiratory complications.....	58	1	1	3	1	2	1	..	..	..	3	1	1	..	2	..	..	..	..	2	4	7	1	..
35. Measles.....	4	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
36. Acute poliomyelitis and polioencephalitis.....	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER—ONTARIO, 1942

Lanark	Leeds	Lennox	Lincoln	Manitowlin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York			
316	269	120	249	131	542	245	224	241	267	266	376	146	192	277	155	172	186	85	295	114	583	159	318	128	346	194	245	246	426	453	1490			
10	14	2	19	24	93	61	11	3	8	7	59	11	3	8	3	6	11	6	6	6	17	7	21	8	40	5	18	8	14	127	147			
.	.	.	.	1	.	2	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1
.	2	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
.	.	1	.	1	.	.	4	.	.	.	.	.	.	1	.	.	.	.	.	1	.	.	.	.	.	.	1	.	.	.	.	6
.	1	1	.	1	1	8	
.	1	2	9	
2	4	.	15	10	79	57	2	2	3	.	53	6	1	1	1	1	6	3	6	1	8	1	8	5	30	2	16	3	2	117	129	13-22		
2	4	.	13	9	77	57	2	1	3	.	53	4	1	1	1	1	3	3	4	1	7	.	5	4	30	2	16	3	2	110	117	13		
1	.	.	.	.	6	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	2	.	.	1	1	13A
1	4	.	13	9	71	53	2	1	3	.	23	4	1	1	1	1	3	3	4	1	7	.	5	3	26	2	14	3	2	109	116	13B		
.	1	2	1	1	13C	
.	30	13D	
.	.	.	.	1	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	.	.	.	.	2	1	.	.	.	3	.	14
.	1	1	1	.	.	15	
.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1	3	16
.	1	3	17	
.	1	1	17A	
.	2	17B	
.	1	18
.	1	1	19
.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	1	.	20
.	1	1	21
.	.	.	.	1	1	1	22
.	.	.	1	1	3	22A
.	1	.	.	.	1	24
.	26
1	5	1	.	1	2	.	9	.	1	1	1	1	.	.	1	1	2	.	.	2	4	.	2	2	2	1	.	1	2	9	4	30		
.	1	1	1	.	30A	
.	.	2	.	.	.	2	.	1	.	1	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	2	.	30B
.	2	.	.	.	1	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	30C
1	1	1	.	.	5	.	.	.	1	.	1	.	.	.	1	1	1	.	.	1	3	.	3	2	2	1	.	1	2	3	4	30D		
.	32
6	1	.	1	10	2	.	2	.	2	4	3	1	1	4	1	3	2	2	.	.	.	3	5	2	1	3	1	.	1	4	1	8	33	
4	1	.	1	2	1	.	1	.	.	4	1	1	1	1	.	2	2	.	.	.	2	5	2	1	2	.	.	1	3	.	8	33A		
2	.	.	.	8	1	.	1	.	2	.	2	.	.	3	1	1	.	2	.	.	1	.	.	.	1	1	.	.	1	1	.	33B		
.	1	35	
.	.	.	.	1	.	2	.	.	.	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	.	.	.	36

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1942—Continued

Lanark	Leeds	Lennox	Lincoln	Mantoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York				
..	2	..	1	..	..	1	..	..	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	37	
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	38	
..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	38C	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	43	
1	..	..	..	..	1	2	..	..	1	..	1	..	1	..	..	..	..	..	..	..	1	..	..	..	1	..	..	3	2	..	2	44
..	..	..	..	..	1	2	..	..	1	..	1	..	1	..	..	..	..	..	..	..	1	..	..	..	1	..	..	2	2	..	2	44B
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	44C
30	21	11	24	5	54	29	20	25	23	44	42	13	22	24	13	21	18	12	38	10	47	21	21	4	31	19	33	20	49	35	215				
29	21	11	24	5	53	29	18	24	22	44	41	13	20	22	13	21	17	12	38	10	45	21	20	4	29	19	33	19	47	34	208	45-55			
..	..	1	1	1	1	3	2	..	3	2	1	1	2	1	1	..	1	..	..	..	1	3	1	..	1	..	..	..	1	1	9	45
13	13	9	15	3	26	11	11	9	10	22	18	8	11	10	6	11	11	7	25	7	21	8	13	1	18	8	16	10	22	13	112	46			
4	2	..	6	1	10	7	5	4	4	11	6	6	3	7	..	2	4	5	12	3	4	4	8	1	12	3	10	8	4	5	33	46A			
..	1	2	2	..	3	2	1	..	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	3	4	146C			
6	7	3	4	1	8	1	..	2	3	5	6	..	4	2	1	5	3	2	5	3	6	1	..	..	..	1	4	1	7	3	33	46D
1	2	3	..	..	2	3	2	2	..	2	2	..	1	..	4	1	1	..	5	1	6	2	2	..	3	2	1	..	5	1	13	46E	
2	1	1	..	..	3	1	2	..	1	1	1	..	2	..	1	1	..	1	..	1	2	..	2	3	..	..	..	3	..	9	..	46F
..	1	2	46G		
..	1	46H	
..	1	2	46M	
2	1	..	..	7	..	..	..	1	1	1	1	1	..	3	..	..	2	..	1	..	1	1	..	..	..	1	..	1	1	2	12	47
1	1	4	1	1	1	1	..	2	1	..	1	..	1	..	1	..	1	1	..	1	..	3	47A		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	..	5	47B
1	2	..	..	3	..	5	2	3	5	1	6	..	1	1	..	4	1	..	1	..	3	..	3	..	1	2	2	6	4	11	48	47C	
..	..	..	..	2	1	2	4	..	4	..	1	..	1	1	..	1	1	1	1	1	1	1	1	..	1	1	1	1	1	2	5	48A
..	2	..	..	3	1	..	1	1	1	1	6	..	1	1	4	..	..	..	..	..	3	2	..	1	1	1	1	5	2	6	48B	
..	1	..	..	..	..	..	..	1	..	..	3	..	1	..	1	2	3	..	2	1	1	3	..	1	2	3	..	2	3	1	8	52
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	2	52A	
2	1	..	1	..	2	3	..	1	..	1	1	1	1	1	1	3	..	1	1	1	1	1	1	1	1	2	..	2	2	2	..	6	52B		
1	1	1	1	2	1	2	1	1	1	1	1	1	2	1	2	4	2	2	..	1	..	1	..	1	..	1	53	
..	1	1	1	..	2	1	2	1	1	2	2	..	2	2	1	1	4	54	
3	1	..	3	4	5	1	1	1	4	1	2	1	2	2	2	1	..	1	..	2	5	1	1	..	2	2	2	1	4	1	11	55			
..	2	1	1	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	3	56	
..	1	1	1	..	1	..	1	..	1	2	2	..	2	..	1	1	1	1	..	1	56A	
..	1	2	2	1	1	56B	
..	1	56C
..	1	1	56D	
..	1	56E
1	1	1	..	1	..	1	..	1	..	1	1	..	1	1	1	1	4	57	
1	1	1	1	..	1	1	..	1	2	57D	
..	1	..	1	..	1	..	1	1	1	2	57E	

TABLE 42—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algonia	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Hamburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
CLASS III.—RHEUMATISM, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS, OTHER GENERAL AND VITAMIN DEFICIENCY DISEASES																								
Total	474	11	6	11	4	9	8	4	5	11	10	6	6	5	24	4	5	11	32	2	11	12		
58. Acute rheumatic fever....	28		2	1		1	1	1		2	3					1					1			1
58A. Acute rheumatic heart conditions.....	26		2	1			1	1		1	3					1					1			1
58B. Others under this title.....	2						1			1														
59. Chronic rheumatism and other rheumatic diseases.....	30	1	1	3										1	2							3		1
61. Diabetes mellitus.....	294	6	3	6	1	3	3	2	4	7	6	4	4	3	15	2	4	7	21	7	21	2	7	8
62. Diseases of the pituitary gland.....	3			1																				
63. Diseases of the thyroid and parathyroid glands.....	77	3				3	1	2	1		2		2	1	1	6	1		1	2	5		2	1
63A. Simple goitre.....	4												1										1	
63B. Exophthalmic goitre.....	71	2				3	1	2	1		2		2		1	6	1		1	2	4		4	1
63C. Myxoedema and cretinism.....	2	1																			1			
64. Diseases of the thymus gland.....	33		1			4	2				1		1		1						1	1	1	1
65. Diseases of the adrenal glands (Addison's disease).....	6																				1	1		
66. Other general diseases.....	1																							
66A. Osteomalacia.....	1																							
67. Scurvy.....	1																							
69. Pellagra.....	1																						1	
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																								
Total	106		1	3		2		1	1	1	2	2	1	1	2	1	1		1	3	6	2	3	2
72. Haemorrhagic conditions.....	8						1															1		
72A. Primary purpura.....	6																					1		
72B. Haemophilia.....	2					1																		
73. Anaemias.....	53		1	2		1		1				1	1	1						3	2	2	1	2
73A. Pernicious anaemia.....	48		1	2				1				1	1	1						2	2	2	1	2
73B. Others under this title.....	5					1														1				
74. Leukaemias and aleukaemias.....	39			1			1			1	2	1	1		1	1		1			3		1	
74A. Leukaemias.....	39			1			1			1	2	1	1		1	1		1			3		1	
75. Diseases of the spleen.....	2																							
76. Other diseases of the blood and blood-forming organs.....	4																						1	
CLASS V.—CHRONIC POISONING AND INTOXICATIONS																								
Total	8			1		1	1											1			1			
77. Alcoholism.....	6			1		1	1															1		
77B. Chronic alcoholism.....	3			1		1	1																	
77C. Others under this title.....	3					1															1			
79. Chronic poisoning by other mineral and organic substances.....	2																		1					
79B. Non-occupational.....	2																		1					
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS																								
Total	1939	4	14	30	52	33	22	23	11	38	47	31	24	24	34	60	31	4	39	33	84	12	57	50
80. Encephalitis (non-epidemic).....	7			1							1										1		1	
80A. Intracranial abscess.....	2																					1		1
80B. Others under this title.....	5		1								1										1		1	

TABLE 42—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	COUNTIES																						
		Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
81. Meningitis (non-meningococcal)	5								1															
81A. Simple meningitis	4								1															
81B. Acute cerebrospinal meningitis	1																							
82. Diseases of the medulla and spinal cord	34		1	2	1				1	1	1	1			1		1	1	1	1	1	1	1	
83. Intracranial lesions of vascular origin	1706	3	13	25	45	27	22	22	11	32	44	30	23	23	31	52	28	4	33	30	80	7	48	39
83A. Cerebral haemorrhage or effusion	566		4	9	6	10	11	3	4	13	18	5	8	5	3	18	7	1	6	13	44		10	13
83B. Cerebral embolism and thrombosis	83			1	2	1	4	1		2	3	3	1	1	3	2	1			3	4		3	2
83C. Cerebral softening	3																							
83D. Hemiplegia and other paralysis of unspecified origin	78	1	1	1	3	1	3	1	1	1	1	1	4	1		1		1	2	1	2	3		
83E. With mention of arteriosclerosis	976	2	8	14	34	15	4	17	6	16	23	21	13	13	24	32	19	3	26	12	31	5	32	24
84. Mental disorders and deficiency (general paralysis of the insane excepted)	38			1	1			1											2		1		1	
84A. Schizophrenia (dementia praecox)	8			1																				
84B. Others under this title	30				1			1											2		1		1	
85. Epilepsy	46		1	1	3				1			1	1			2		2			1	1		
86. Convulsions (under 5 years of age)	15		1										1	1						1		2	2	
87. Other diseases of the nervous system	80	1		1	3	1			2	1			2	6	1		1			2	1	4	10	
87B. Neuritis	2																							
87C. Paralysis agitans	36	1			1	1			2				1	4	1		1			2		1	4	
87D. Disseminated sclerosis	30			1	1					1			1	2								2	4	
87E. Others under this title	12				1																	1	1	
88. Diseases of organs of vision	1																							
89. Diseases of the ear and of the mastoid process	7					1			1															
89A. Otitis and other diseases of the ear	4					1			1															
89B. Diseases of the mastoid process	3																							
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																								
Total	5458	26	76	80	175	92	60	49	54	77	94	124	114	50	51	169	77	20	99	115	188	32	152	127
90-95. Diseases of the heart	4970	26	72	64	156	86	60	43	51	67	81	115	112	46	44	148	70	20	89	106	172	31	134	101
90. Pericarditis (acute rheumatic excluded)	3															1								2
90B. Others under this title	3															1								2
91. Acute endocarditis (non-rheumatic)	28			2		1	1			1						3							1	1
91A. Bacterial endocarditis (acute, subacute or unspecified)	15			1		1				1						1							1	
91B. Other acute or subacute endocarditis	4															1								1
91C. Endocarditis (not specified under 45 years)	9			1			1									1								
92. Chronic affections of the valves and endocardium	592	4	26	5	22	4	8	2	6	9	6	9	11	16	3	14	3		6	11	19	12	21	6
92A. Specified valvular diseases (rheumatic)	177	1	4	1	4		1		4	1	2	4	4		7			1	2	8	3	5	4	
92B. Other specified valvular diseases (non-rheumatic)	285	2	11	3	16	3	5	2	2	3	2	4	7	6	3	4	1		2	8	5	6	13	1
92C. Unspecified valvular lesions and endocarditis	130	1	11	1	2	1	2		4	2	3	3		6		3	2		3	1	6	3	1	
93. Diseases of the myocardium	2649	14	28	39	94	52	20	26	32	37	39	62	75	23	18	96	35	17	61	64	84	6	59	50
93A. Acute myocarditis	31			1					2		4	3		3			1		1	1				1
93B. Myocarditis (not specified under 45 years)	9		1		2			1								1								
93C. Chronic myocarditis and myocardial degeneration (rheumatic)	79			3	2				3	1	3	4				4	2		3	1	2	1	4	1

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1942—Continued

Lanark	Leeds	Lennox	Lincoln	Manitowlin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York						
1									1																							81					
1																1					1											81A					
								1																								81B					
	1			1	2	1	1	1			3	1									2		1		1		1	1	1		3	82					
47	25	18	38	15	50	18	21	30	40	42	32	15	30	38	17	10	23	6	32	7	66	18	18	5	29	33	40	25	53	36	157	83					
12	5	3	10	9	19	5	4	10	19	16	17	5	7	15	2	3	6	2	16	5	21	5	10	4	12	11	21	7	19	4	51	83A					
3	1		1		1			2		2	3			5	2	1	2		1		4				2		1		2	2	12	83B					
						2																1											83C				
1					2		2	1		1	1		1	1	1	1	1	3	2		2		2		5	2	3	1	6	2	7	83D					
31	19	15	27	6	28	13	12	19	21	23	11	10	22	17	12	5	14	1	13	2	39	12	6	1	10	20	15	17	26	28	87	83E					
	5				5							1									11				2				1	6		84					
	1				3							1									11									3		84A					
	4				2						1										13		1		2			1	1	3		84B					
1					1	1		2	1	1	6													1		1		1				3	85				
											1								1				1	1	1		1						1	86			
	1	3	1		6			1			5										7					1	1	3	6	1			87				
	1	3	1		1			1			3										2					1	1	1	1				87B				
					5						1										1				1		1	3	1				2	87C			
											1										4						1	1	3					5	87D		
											1																1							1	87E		
																																			1	88	
								1															1	1	1										1	89	
																									1											1	89A
								1														1	1													89B	
110	118	48	76	45	192	67	57	100	117	97	120	51	88	111	71	46	69	17	113	29	211	48	80	30	90	93	99	113	166	156	529						
96	103	43	72	40	175	64	54	91	104	84	113	50	84	102	65	43	62	17	102	27	187	45	76	30	84	86	97	102	148	144	486			90-95			
																																				90	
																																				90B	
	2	1			2									1			1		1		2		1		1		1	1						4	91		
	1				1										1					1			1				1	1							3	91A	
					1																	1														91B	
	1	1																				1			1											91C	
10	8	5	3	6	7	4	6	7	15	14	15	4	9	8	8	9	18	4	23	6	24	5	14		8	13	9	12	19	6	70	92					
4	4				1	2	1	2	6	5	1	1	2	2	5	3	5	1	3	1	9	4	6		4	4	1	7	6	3	28	92A					
2	4	2			6	6	1	2	2	9	9	6	1	7	5	2	3	7	3	13	5	14		8		1	8	4	4	8	2	32	92B				
4		3	3			1	3	3				8	2		1	1	3	6		7		1	1			3	1	4	1	5	1	10	92C				
52	67	24	38	26	114	41	29	54	53	34	58	28	45	67	36	18	32	4	54	12	99	27	33	13	29	37	57	48	83	103	203	93					
	2		2	1	3			1				1		1		1			1							1									93A		
						1									1											1		1							93B		
	1		1		2	1		1	1	2	4		2	3	1					2		4		1	1	1		4	1	3				9	93C		

TABLE 42—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	COUNTIES																							
		Addington	Albion	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Greenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	
93D. Chronic myocarditis (non-rheumatic).....	2066	13	15	29	75	42	17	24	20	35	24	40	66	10	17	66	30	17	46	53	68	5	47	40	
93E. Other myocarditis (not specified).....	464	1	12	6	15	10	3	1	7	1	8	15	9	10	1	25	2	11	9	14	...	8	8		
94. Diseases of the coronary arteries and angina pectoris.....	1521	8	18	17	33	27	27	15	12	20	33	41	25	2	21	36	27	3	21	30	60	12	46	40	
94A. Diseases of the coronary arteries.....	1427	7	16	15	32	25	24	15	12	20	31	40	24	1	17	36	26	3	21	26	59	12	40	37	
94B. Angina pectoris.....	94	1	2	2	1	2	3	...	...	...	2	1	1	4	...	1	...	...	4	1	...	6	3	
95. Other diseases of the heart.....	177	...	1	7	2	4	...	1	1	2	3	1	5	2	1	2	...	1	1	9	1	5	4		
95A. Functional diseases of the heart (no organic lesion).....	18	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2
95B. Other diseases of the heart (rheumatic).....	19	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	3	...	1	...	
95C. Other diseases of the heart (non-rheumatic).....	140	...	7	2	4	...	1	1	1	1	3	1	5	1	1	1	1	1	1	6	1	4	2		
96. Aneurysm (heart and aorta excepted).....	2	
97. Arteriosclerosis (coronary artery or renal sclerosis or cerebral haemorrhage excepted).....	418	4	16	15	5	...	6	2	9	11	7	2	3	7	17	6	...	10	6	13	1	12	26		
98. Gangrene.....	15	...	...	...	...	...	...	...	1	...	...	...	1	...	1	1	...	...	1	1	...	1	...	...
99. Other diseases of the arteries.....	25	...	...	1	...	...	...	...	1	1	...	...	...	...	2	...	...	...	...	2	...	1	...	...
100. Diseases of the veins.....	11	2	1	1	2	...	2	
101. Diseases of the lymphatic system.....	1	
102. High blood pressure (idiopathic).....	16	1	1	1	1	2	2	
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																									
Total.....	795	4	13	17	16	5	29	8	5	11	9	12	20	9	11	25	14	2	12	25	29	10	16	9	
104. Diseases of the nasal fossae and accessory sinuses.....	2	1	
105. Diseases of the larynx.....	5	1	1	
106. Bronchitis.....	38	3	3	3	1	...	2	2	...	1	2	1	1	
106A. Acute.....	12	1	2	2	1	...	1	
106B. Chronic.....	22	2	1	1	1	2	1	1	
106C. Unspecified.....	4	
107. Broncho pneumonia.....	307	6	3	7	2	16	3	1	6	5	6	15	4	...	14	7	1	3	2	10	4	6	3		
108. Lobar pneumonia.....	169	3	8	1	...	4	3	...	2	2	2	3	1	2	2	2	2	2	7	6	1	3	1		
109. Pneumonia (unspecified).....	166	1	3	1	4	5	1	2	1	1	3	...	4	5	6	2	1	4	6	4	4	3	2		
110. Pleurisy.....	15	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	
110A. Empyema.....	7	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
110B. Others under this title.....	8	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs.....	56	...	1	...	1	1	...	1	1	1	1	2	...	...	1	1	1	1	7	5	...	2	2	
111A. Haemorrhagic infarction and thrombosis of the lungs.....	10	...	...	...	1	...	...	...	1	1	1	2	...	...	1	1	1	1	...	...	...	...	2	
111B. Others under this title.....	46	1	...	1	...	...	...	1	1	1	1	...	...	...	1	...	...	...	6	4	...	2	...	
112. Asthma.....	22	...	1	1	1	...	...	...	...	...	...	...	2	...	1	...	...	2	...	...	...	...	1	
113. Pulmonary emphysema.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
114. Other diseases of the respiratory system (tuberculosis excepted).....	14	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	...	...	...
114A. Silicosis.....	6	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...
114D. Others under this title.....	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	...
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																									
Total.....	442	1	11	10	24	10	25	3	1	6	2	7	1	6	2	13	11	2	3	8	14	7	6	9	
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils.....	22	2	1	1	1	1	1	1	1	...	
115A. Diseases of the teeth and gums.....	6	...	1	...	1	1	1	...	

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1942—Continued

Table with columns for municipalities: Lanark, Leeds, Lennox, Lincoln, Manitoulin, Middlesex, Muskoka, Nipissing, Norfolk, Northumberland, Ontario, Oxford, Parry Sound, Peel, Perth, Peterborough, Prescott, Prince Edward, Rainy River, Renfrew, Russell, Simcoe, Stormont, Sudbury, Thunder Bay, Temiskaming, Victoria, Waterloo, Welland, Wellington, Wentworth, York. Includes numerical data and alphanumeric codes like 1115B, 1215, etc.

TABLE 42—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	Greenville	Grey	Haldimand	Halliburton	Halon	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH, AND THE PUERPERAL STATE																								
Total	47	1	1	3		5	1			1			1		2				2	1	1			1
140. Abortion with mention of infection.....	4																				1			
140A. Spontaneous, therapeutic or unspecified.....	4																				1			
141. Abortion without mention of infection.....	3					1																		
141A. Spontaneous, therapeutic or unspecified.....	1					1																		
141B. Self-induced.....	1																							
141C. Non-therapeutic.....	1																							
142. Ectopic gestation.....	2																							
142B. Without mention of infection.....	2																							
143. Haemorrhage of pregnancy—death prior to delivery.....	1																							
143A. Placenta praevia.....	1																							
144. Toxaemias of pregnancy—death prior to delivery.....	7		1	1															1		1			
145. Other diseases and accidents of pregnancy—death prior to delivery.....	1					1																		
146. Haemorrhage of childbirth and the puerperium.....	7	1								1				1										
146A. Placenta praevia.....	4	1								1														
146C. Others under this title.....	3												1											
147. Infection during childbirth and the puerperium.....	7			1		2																		
148. Puerperal taxaemias—following delivery.....	7					1										2								1
148A. Puerperal eclampsia.....	4					1										1								
148B. Puerperal albuminuria and nephritis.....	2															1								
148C. Acute yellow atrophy of liver.....	1																							
149. Other accidents of childbirth.....	4					1													1					
149B. Other conditions of childbirth.....	4					1													1					
150. Other and unspecified conditions of childbirth and the puerperal state.....	4			1																				
150C. Others under this title.....	4			1																				
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																								
Total	13	1		1		1		1																
151. Carbuncle and furuncle.....	2	1																						
152. Phlegmon and acute abscesses.....	6			1		1		1																
153. Other diseases of the skin and cellular tissue.....	5																							
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT																								
Total	19					1		1								1			1	1	1			1
154. Osteomyelitis and periostitis.....	7																				1			
155. Other diseases of the bones (tuberculosis excepted).....	5							1											1					1

TABLE 42—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 incl. Patricia	Kent	Lambton
156. Diseases of the joints and other organs of movement.....	7					1											1							
156A. Diseases of the joints (tuberculosis and rheumatism excepted).....	5					1											1							
156B. Others under this title.....	2																							
CLASS XIV.—CONGENITAL MALFORMATIONS																								
Total.....	206	1	2	2	5	3	11	2	1	4	1	7	1	1		7	3		4	5	5	2	5	4
157. Congenital malformations.....	206	1	2	2	5	3	11	2	1	4	1	7	1	1		7	3		4	5	5	2	5	4
157A. Congenital hydrocephalus.....	35		1	1	2	2	2					1				1	1		1		1	1		
157B. Spina bifida and meningocele.....	50					1	2	1		1		1	1			1			2	1			1	1
157C. Anencephalus.....	5						1															1		
157D. Congenital malformations of the heart.....	70				2		3	1	1	2	1	3		1		3	1		1	3	4		3	2
157E. Others under this title.....	46	1	1	1	1		3			1		2				2	1			1			1	1
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE																								
Total.....	418	3	9	6	10	4	24	6	3	2	2	5	4	6	1	10	6	2	1	4	13	8	5	6
158. Congenital debility.....	33			3		1	1		1							1	2							
159. Premature birth.....	236	3	4	3	5	3	18	4		2	2	3	3	5	1	5	1	2	1	1	3	5	2	3
160. Injury at birth.....	90		4		2		3	2	1				1	1				2			5	2	2	3
160A. Intracranial or spinal haemorrhage.....	26		1									1	1			1					3			3
160B. Other intracranial or spinal injuries.....	5				1		1																	
160C. Others under this title.....	59		3		1		2	2	1								1	2			2	2		2
161. Other diseases peculiar to the first year of life.....	59		1		3		2	1				1	1		2	1			3	5	1	1		
161A. Asphyxia (unspecified), atelectasis.....	29				1			1												2	4		1	
161B. Infection of the umbilicus, pemphigus and other infections.....	4																							
161C. Other specified diseases peculiar to the first year of life.....	26		1		2		2					1	1		2	1				1	1	1		
CLASS XVI.—SENIILITY																								
Total.....	204			6	1	6	4	6	1	6	8	6		1	2	2	11		3	6	8	5	3	7
162. Senility.....	204			6	1	6	4	6	1	6	8	6		1	2	2	11		3	6	8	5	3	7
162A. With dementia.....	23			1	1																1		1	1
162B. Without dementia.....	181			5		6	4	6	1	6	8	6		1	2	2	8		3	6	7	5	2	6
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																								
Total.....	1457	4	33	19	31	32	54	21	8	12	38	40	25	10	12	28	44	4	25	25	25	20	21	33
163-164. Suicides.....	168	1	1	2	3	4	3	2	1	2	3	4	6	1		4	3	1	3	3	4		2	9
163. Suicide by poisoning.....	22				1	1				2		1				1	1			1			1	
163A. By corrosive substances, solid and liquid poisonings.....	14					1	1			1		1				1				1			1	
163B. By poisonous gas.....	8									1														
164. Suicide by other means.....	146	1	1	2	2	3	3	2	1			3	3	6	1	3	2	1	3	2	4		1	9
164A. By hanging or strangulation.....	43	1	1	1		1		2											1	1	3		1	4
164B. By drowning.....	31						1				1	1	2	1							1			3

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1942—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk *	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York			
1											1											1	1							1	156			
1											1											1		1						1	156A 156B			
6	1	3	1	4	4	8	2	4	2	2	7	1	3	7	1	2	3	3	2	15	5	6	12				2	6	2	18				
6	1	3	1	4	4	8	2	4	2	2	7	1	3	7	1	2	3	3	2	15	5	6	12				2	6	2	18	157			
3		1						1							1						4		2	5			1	1			2 157A			
1		2	1	1	1	5	1		2	2	1	1	1				1	1	1	2	1	1	2				1	2			7 157B 157C			
1	1										1																	1				4 157D 5 157E		
5	3	1	7	8	5	7	10	4	6	4	8	7		6	3	21	10	3	19	14	12	6	19	2	28	5	7	1	17	3	27			
1	3		3	5	1	4	7		2	2					1	3	1		2	2	1	3				1		1	1			1 158 10 159 1 160		
3		2	2	1	3	2	3		4	2	5	5			5	2	10	7	2	10	8	8	11	2	23	4	4							
1		1	1		2	1	1				2	1											2		1				1				2 160A	
1											1														1								160B	
1		1	1	1	1	1	2				1					6			4	3	2			1		2		6	1			7 160C		
1		2		3	1	1								1	2	2	1	3	4		2	3	2	2	1		1					7 161		
1		1						1								2	1		3	3		1	2	1								4 161A		
			1											1			1																1 161B	
				3	1													1		1		1	1	1	1	1	1						3 161C	
6	1	1	7	1	6	1	1	5	3	5	5	2	2	6	6	1	1		5	1	6	4		2	1	1	1	2	13	3	13			
6	1	1	7	1	6	1	1	5	3	5	5	2	2	6	6	1	1		5	1	6	4		2	1	1	1	2	13	3	13	162		
3	1		1		1					1	1				2		1											3	1	1			1 162A 12 162B	
40	17	13	28	7	38	22	26	26	18	14	27	12	23	31	10	10	17	14	31	3	84	9	69	46	39	14	10	29	21	27	118			
2		2	4	1	5	1	4	1	3	4	5	1	2	2	1	1	6	2	1	1	9	3	5	7	4		3	1	5	7	13	163-164		
					1				1												1	1	1	1									6 163	
									1															1	1	1								2 163A 4 163B 7 164
2		2	4	1	4	1	4	1	2	4	5		2	2	1	1	6	2	1	1	8	3	4	6	3		3	1	5	7				
			1		1	1	1		1		3			2		1			1	3		2	3				1		2	2				2 164A 1 164B
1		1			1	1	2		2								4			1	2	2	1	1			1	1						

TABLE 42—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, incl. Patricia	Kent	Lambton	
189. Hunger or thirst.....	2												1												
190. Excessive cold.....	12	1			1		1					1													
191. Excessive heat.....	2				1																				
192. Lightning.....	3				1																				
193. Accidents due to electric currents.....	4																					1			
194. Attack by venomous animals (non-occupational).....	1																								
195. Other accidents.....	55		2			1	1				2	2	1		1	1	3		1					4	
195A. Sequelae of preventive immunization, inoculation or vaccination.....	2																							1	
195B. Other accidents due to medical or surgical intervention.....	1						1																		
195C. Lack of care of the newborn.....	3														1									1	
195D. Obstruction, suffocation or puncture by ingested objects.....	18		1			1					1		1											1	
195E. Other and unspecified objects.....	31		1								1	2				1	3		1					1	
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH																									
Total.....	58	1	3		1		7			1	1	1				1	1				1	3	3	1	
199. Sudden death.....	5	1																							
200. Ill-defined and unknown causes.....	53		3		1		7		1	1	1					1	1				1	3	3	1	
200A. Ill-defined.....	20		1				1		1	1							1				1	3			
200B. Found dead.....	3				1																				
200C. Unknown or unspecified cause.....	30		2				6				1					1							3	1	

CLASSIFICATION OF ACCIDENTAL DEATHS ACCORD

These accidental deaths are classified above according to circumstances involving the

Accidental absorption of poisonous gas.....	20		1			1	4				1		1		1						1			2	
Accidental burns.....	74		3	3			8	1	1		1		1		1		4				1	4	1		1
Accidental mechanical suffocation.....	25		2		1	2	1						1	1			2								1
Accidental drowning.....	231		5	2	5	6	12		2	3	2	8	6		1	3	4		2	4	1	7	5	4	
Accidental injury by cutting or piercing instruments.....	7																								1
Accidental injury by fall.....	256		8	5	11	4	4	9	2	1	4	2	3	2	3	10	4		4	5	11	1	2	7	
Accidental injury by crushing.....	551	3	12	5	7	14	18	9	2	6	23	21	5	6	5	6	24	3	15	11	3	8	4	10	
Accidents due to electric currents.....	6																						1		

TABLE 43—CAUSES OF DEATH FOR TOWNS AND VILLAGES
AS OF CENSUS

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis
89. Diseases of the ear and of the mastoid process.....	1								
89B. Diseases of the mastoid process.....	1								
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM									
Total	909	48	40	45	41	29	12	13	15
90-95. Diseases of the heart.....	819	42	36	39	37	22	11	11	12
90. Pericarditis (acute rheumatic excluded).....	1			1					
90B. Others under this title.....	1			1					
91. Acute endocarditis (non-rheumatic).....	4				1				
91A. Bacterial endocarditis (acute, subacute or unspecified).....	2								
91B. Other acute or subacute endocarditis.....	1								
91C. Endocarditis (not specified under 45 years).....	1								
92. Chronic affections of the valves and endocardium.....	81	7	6	11	2	1			2
92A. Specified valvular diseases (rheumatic).....	30	1		11					2
92B. Other specified valvular diseases (non-rheumatic).....	36	4	6		2	1			
92C. Unspecified valvular lesions and endocarditis.....	15	2							
93. Diseases of the myocardium.....	475	25	23	17	22	13	11	5	4
93A. Acute myocarditis.....	15								
93B. Myocarditis (not specified under 45 years).....	3								
93C. Chronic myocarditis and myocardial degeneration (rheumatic).....	8	1		1		1			
93D. Chronic myocarditis (non-rheumatic).....	384	22	22	14	19	8	6	4	4
93E. Other myocarditis (not specified).....	65	2	1	2	3	4	5	1	
94. Diseases of the coronary arteries and angina pectoris.....	234	9	6	9	11	7		5	6
94A. Diseases of the coronary arteries.....	221	8	6	9	10	7		5	6
94B. Angina pectoris.....	13	1			1				
95. Other diseases of the heart.....	24	1	1	1	2	1		1	
95A. Functional diseases of the heart (no organic lesion).....	1					1			
95B. Other diseases of the heart (rheumatic).....	4			1	1				
95C. Other diseases of the heart (non-rheumatic).....	19	1	1		1			1	
96. Aneurysm (heart and aorta excepted).....	1								
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted).....	68	5	3	3	3	6	1	2	1
98. Gangrene.....	4								2
99. Other diseases of the arteries.....	9	1	1	2	1				
100. Diseases of the veins.....	3			1		1			
101. Diseases of the lymphatic system.....	1								
102. High blood pressure (idiopathic).....	3								
103. Other diseases of the circulatory system.....	1								
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM									
Total	198	16	3	10	9	1	4	6	8
104. Diseases of the nasal fossae and accessory sinuses.....	2	1							
106. Bronchitis.....	9				4				
106A. Acute.....	3				3				
106B. Chronic.....	4								
106C. Unspecified.....	2				1				
107. Broncho pneumonia.....	114	9	2		2	1	2	3	8
108. Lobar pneumonia.....	31	2	1	5	2			2	
109. Pneumonia (unspecified).....	20	2			1		2		
110. Pleurisy.....	1								
110A. Empyema.....	1								
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs.....	16			4				1	
111B. Others under this title.....	16			4				1	
112. Asthma.....	4	1		1					
114. Other diseases of the respiratory system (tuberculosis excepted).....	1	1							
114D. Others under this title.....	1	1							
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM									
Total	117	4	1	5	7	1	3	6	3
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils.....	8			1			1		
115A. Diseases of the teeth and gums.....	3						1		
115B. Septic sore throat.....	1								
115C. Diseases of the pharynx and tonsils.....	2			1					

TABLE 43—CAUSES OF DEATH FOR TOWNS AND VILLAGES
AS OF CENSUS

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis
115D. Others under this title.....	2								
117. Ulcer of the stomach or duodenum.....	14				4			2	
117A. Stomach.....	5							1	
117B. Duodenum.....	9				4			1	
118. Other diseases of the stomach.....	5			1					
119. Diarrhoea and enteritis (under 2 years of age).....	20						1	1	2
119A. Diarrhoea and enteritis.....	20						1	1	2
120. Diarrhoea and enteritis (2 years of age and over).....	16	1		2					
120A. Diarrhoea and enteritis.....	14			1					
120B. Ulceration of the intestines.....	2			1					
121. Appendicitis.....	11	1			1			1	1
122. Hernia, intestinal obstruction.....	19			1	1			1	
122A. Hernia.....	6								
122B. Intestinal obstruction.....	13			1	1			1	
123. Other diseases of the intestines.....	3				1				
124. Cirrhosis of the liver.....	9				1	1			
124A. With mention of alcoholism.....	3								
124B. Without mention of alcoholism.....	6					1			
125. Other diseases of the liver.....	1								
125A. Others under this title.....	1								
125B. Others under this title.....	1								
126. Biliary calculi.....	5	1					1	1	
127. Other diseases of the gall-bladder and bile ducts.....	5								
128. Diseases of the pancreas.....	1	1							
CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEMS									
Total.....	197	9	3	1	6	2	1	15	4
130. Acute nephritis.....	2								
131. Chronic nephritis.....	147	6	1		4	1		14	3
132. Nephritis unspecified (over 10 years of age).....	12			1	1				
133. Other diseases of the kidneys and ureters.....	3								
134. Calculi of the urinary passages.....	7	2	1						
135. Diseases of the urinary bladder.....	4					1		1	
136. Diseases of the urethra, urinary abscess, etc.....	1								
136A. Stricture of the urethra.....	1								
137. Diseases of the prostate.....	20	1	1		1		1		1
139. Diseases of the female genital organs (non-venereal).....	1								
139B. Uterus.....	1								
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE									
Total.....	19	2	1	1	1	1	1	3	1
140. Abortion with mention of infection.....	3							1	
140A. Spontaneous, therapeutic or unspecified.....	2							1	
140B. Self-induced.....	1								
144. Toxaemias of pregnancy—death prior to delivery.....	3			1					
146. Haemorrhage of childbirth and the puerperium.....	4	1						1	
146A. Placenta praevia.....	1								
146C. Others under this title.....	3							1	
147. Infection during childbirth and the puerperium.....	4	1						1	
148. Puerperal toxæmia—following delivery.....	3							1	
148A. Puerperal eclampsia.....	3							1	
149. Other accidents of childbirth.....	1								
149B. Other conditions of childbirth.....	1								
150. Other and unspecified conditions of childbirth and the puerperal state.....	1								
150B. Psychosis of the puerperal state.....	1								
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE									
Total.....	1	1	1	1	1	1	1	1	1
153. Other diseases of the skin and cellular tissue.....	1			1					

OF 5,000 TO 10,000 POPULATION, ONTARIO, 1942—Continued

YEAR 1941

Hawkesbury	Ingersoll	Kenora	Leamington	Leaside	Lindsay	Long Branch	Midland	Mimico	New Toronto	Orillia	Parry Sound	Port Colborne	Port Hope	Preston	Renfrew	Simcoe	Smith's Falls	Swansca	Thorold	Trenton	Waterloo	Weston	Whitby		
1	1																								
	1	1																						154	
	1	1																						156	
	1	1																						156A	
																								156B	
2	2	2	1	1	4	1			2	5	2	1	1		4	5	3		1	2	1	1			
2	2	2	1	1	4	1			2	5	2	1	1		4	5	3		1	2	1	1		157	
1	1				1					2					1	1	1			1				.07A	
1	1	1	1	1	1					3	2				1	1	2			1		1		157B	
					2											2	2				1		1	157C	
																								157D	
																								157E	
8	3	2	1		5		6	1	2	8	15	4	1		5	12	3					1		1	
5	1		1		2		3		1	6	10	1	1		1	3	1							158	
2	2				1		1			2	5	1			3	6	2					1		159	
		2			1		1			1	2	1				2	1							160	
		1			1		1			1	2	1				1								160A	
							2	1	1	1	2	1				1								160B	
1		1					1			1	2	1				1	1							160C	
1							1	1			1	1				1								161	
							1				1	1				1								161A	
							1		1			1				1								161B	
							1					1				1								161C	
		2	1		1		2			1	2		1		3		2		1					7	
		2	1		1		2			1	2		1		3		2		1					7	
		2	1		1		2			1	1		1		2		2		1					162	
																								162A	
																								162B	
6	6	7	3	1	14	2	14	1	4	11	7	6	9		5	11	3	2	4	3	3	7	9		
		1	1			1			1			2	1					1					3	163-	
												1	1											163	
									1			1	1											163A	
		1							1			1												163B	
		1	1									1						1						164	
												1						1						164A	
		1																						164B	
																								164C	
																								164D	
																						1		166-	
																						1		168	
6	6	6	2	1	14	1	14	1	3	11	7	4	8		5	11	3	1	4	3	3	6	6	169-	
																								195	
					3		1			1	2		2		2				1			1	1	1	169
1	1									1			3		2	1	1		1	1				1	170
													2											1	170A

TABLE 43—CAUSES OF DEATH FOR TOWNS AND VILLAGES
AS OF CENSUS

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis
170C. Automobile accidents (excluding trains or street-cars).....	25	2		1	1			6	1
171. Street-car and other road transport accidents.....	2								
171B. Others under this title.....	2								
172. Water transport accidents.....	8								
173. Air transport accidents.....	2				1				
175. Agricultural and forestry accidents.....	4								
175B. Injury by animals, in agriculture.....	1								
176C. Other agricultural accidents.....	2								
175E. Other forestry accidents.....	1								
176. Other accidents involving machinery.....	4	1						1	1
178. Accidental absorption of poisonous gas.....	1								
178A. Coal and illuminating gas.....	1								
179. Acute accidental poisoning by solids or liquids.....	1								
180. Conflagration.....	13								3
181. Accidental burns (conflagration excepted).....	9	1	1		2				1
182. Accidental mechanical suffocation.....	5		1						1
183. Accidental drowning.....	16	1							
184. Accidental injury by firearms.....	2								
186. Accidental injury by fall or crushing.....	62	2	7	1	4			4	1
186A. Accidental injury by fall.....	60	2	7	1	3			4	1
186B. Accidental injury by crushing.....	2				1				
193. Accidents due to electric currents.....	3	1							
195. Other accidents.....	4						2		
195D. Obstruction, suffocation or puncture by ingested objects.....	2						2		
195E. Other and unspecified objects.....	2								
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH									
Total	3	1						1	
199. Sudden death.....	1								
200. Ill-defined and unknown causes.....	2	1						1	
200A. Ill-defined.....	2	1						1	

CLASSIFICATION OF DEATHS ACCORD

These accidental deaths are classified above according to circumstances involving the accident

Accidental absorption of poisonous gas.....	4								
Accidental burns.....	23	1	1	1	2			2	4
Accidental mechanical suffocation.....	5		1						
Accidental drowning.....	24	1			1				
Accidental injury by cutting or piercing instruments.....	1								
Accidental injury by fall.....	63	2	7	1	3			5	1
Accidental injury by crushing.....	46	3		1	3			5	2
Accidents due to electric currents.....	3	1							

OF 10,000 POPULATION AND OVER—ONTARIO, 1942
Year 1941)

	Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock		
	419	1158	288	148	227	1938	219	181	373	267	381	291	253	281	252	273	150	7808	224	1099	191		
	11	42	11	8	2	140	9	13	10	14	11	5	7	14	7	14	9	256	12	67	9		
		3				2		1								1						1	
		2		1		4	1				1				1			11		2		2	
	1	1		2		2		1		1	1	1	1	1	1		2	5		3		8	
						1				1	1							2				9	
						1					1							3				10	
						1					1							1				11	
																		1				12	
	2	10	6	1		82	3	1	2	4	3	2	4	1	2	5	4	81	1	39		7 13-22	
						68	2	1	2	1	3	1	2		2	5	3	57	1	33		6 13 13A	
						68	2	1	1	1	3	1	2		2	5	1	57	1	33		3 13B 13C 13D	
																	1	10				1 14	
						6	1			2				1			1	5		3		1 14 15 16 17	
						2						1						1				17A 17B	
						1																19	
						2												3				20	
										1										2		21 22	
										1										2		22 22A 22B	
						1					1						1	6				24	
	1	2				2		4	1							1		3		3		27	
		1		1		26	1		1	4				4	1	4	2	81	1	11	1	30	
																		3				30A 30B	
						2												29				1 30B 30C 30D	
						3					1					1		10				1 30D 31 32	
						21	1		1	3				4	1	3	2	39				1 32 33 33A 33B	
						11	1	4	6	2	2		2	6		1	1	19	10	6		33 33A 33B	
						10	1	3	4	1	1		1	1	1	1	1	17	10	5		33B 35 36 37	
						1		1		2			1					12				33B 35 36 37	
						1																35 36 37 38	
						1	1				1							2				36 37 38 38C 38D	
						1	1			1								2				38 38C 38D 42 43	
						5	1	2		1	1	2		2				8				42 43 44 44B 44C	
						2	1	1		1	1	2		1				19				43 44 44B 44C	
						2	1	1										16				43 44 44B 44C	
						3	1	1						1				3				44 44B 44C	
	52	185	33	21	37	259	29	21	42	47	46	35	44	38	37	32	24	1392	18	148	29		
	48	184	30	21	36	244	28	20	42	47	43	34	43	36	36	29	24	1358	16	144	27	45-55	
	4	7	1		2	6	1	1	3	1		1	1	2				1	49		10		45
	21	78	9	12	19	118	9	8	16	24	24	13	18	17	20	15	6	617	9	59	3	17 46	
		3	1		1	6		1	1	1				1	1	1		3	46			3 46A	
						1												1				1 46B 46C	
	9	27	5	9	8	25	2	4	2	14	10	3	10	7	8	12	4	181	4	24	3	46B 46C	
																		1			1	46C 46C	

TABLE 44—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES
(As of Census)

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
46D. Rectum and anus.....	203	2	4	.....	2	2	1	1	1	.....	23	9
46E. Intestines.....	437	10	12	6	9	4	1	8	6	4	29	20
46F. Liver and biliary passages.....	145	2	4	2	5	2	1	.....	2	.....	16	4
46G. Pancreas.....	108	.....	.....	.....	.....	1	.....	2	2	1	13	6
46H. Mesentery and peritoneum.....	44	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
46M. Other and unspecified sites.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
47. Cancer of the respiratory system.....	225	2	6	.....	4	2	.....	3	2	1	9	2
47A. Larynx.....	36	1	.....	.....	.....	.....	.....	1	.....	.....	2	1
47B. Lung.....	114	.....	3	.....	3	2	.....	1	1	1	6	.....
47C. Mediastinum and other sites.....	75	1	3	.....	1	.....	.....	1	1	.....	1	1
48. Cancer of the uterus.....	238	1	5	.....	3	2	.....	1	.....	6	19	7
48A. Cervix.....	113	.....	3	.....	2	1	.....	1	.....	1	13	2
48B. Other and unspecified sites.....	125	1	2	.....	1	1	.....	.....	.....	1	6	5
49. Cancer of other female organs.....	105	.....	1	.....	1	2	.....	.....	.....	1	3	3
50. Cancer of the breast.....	349	1	7	.....	3	2	.....	2	5	5	37	6
51. Cancer of the male genital organs.....	165	3	2	1	1	2	.....	.....	1	3	8	11
52. Cancer of the urinary organs.....	172	3	2	3	3	2	.....	2	2	5	11	7
52A. Kidney.....	57	1	.....	.....	2	1	.....	1	.....	.....	2	3
52B. Bladder.....	114	2	2	3	1	1	.....	1	2	5	9	4
52C. Other and unspecified sites.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53. Cancer of the skin.....	47	.....	1	1	.....	.....	.....	.....	1	.....	4	3
54. Cancer of the brain.....	64	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
55. Cancer of other and unspecified organs.....	180	1	3	1	2	3	.....	.....	.....	1	16	7
56. Non-malignant tumours.....	70	.....	3	.....	.....	1	.....	1	1	1	2	1
56A. Ovary.....	16	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....
56B. Uterus.....	25	.....	1	.....	.....	.....	.....	1	1	.....	2	.....
56C. Other female genital organs.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56D. Brain and other parts of the central nervous system.....	17	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
56E. Other and unspecified organs.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57. Tumours of undetermined nature.....	28	.....	.....	.....	.....	.....	.....	.....	1	.....	7	1
57D. Brain and other parts of the central nervous system.....	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	1
57E. Other and unspecified organs.....	7	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....
CLASS III.—RHEUMATISM, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS, OTHER GENERAL AND VITAMIN DEFICIENCY DISEASES												
Total.....	817	9	22	8	16	12	.....	4	9	10	83	18
58. Acute rheumatic fever.....	73	1	2	.....	2	1	.....	.....	.....	.....	10	2
58A. Acute rheumatic heart conditions.....	71	1	2	.....	2	1	.....	.....	.....	.....	9	2
58B. Others under this title.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
59. Chronic rheumatism and other rheumatic diseases.....	30	1	1	.....	.....	.....	.....	.....	.....	.....	6	.....
61. Diabetes mellitus.....	561	5	16	7	9	10	.....	3	8	9	55	9
62. Diseases of the pituitary gland.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
63. Diseases of the thyroid and parathyroid glands.....	109	2	2	.....	3	.....	.....	.....	.....	1	8	6
63A. Simple goitre.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63B. Exophthalmic goitre.....	92	2	1	.....	3	.....	.....	.....	.....	1	7	6
63C. Myxoedema and cretinism.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
63D. Others under this title.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64. Diseases of the thymus gland.....	20	.....	1	.....	.....	.....	.....	1	1	.....	1	1
65. Diseases of the adrenal glands (Addison's disease).....	13	.....	1	2	1	.....	.....	.....	.....	.....	.....	.....
66. Other general diseases.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66B. Others under this title.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71. Other vitamin deficiency diseases.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS												
Total.....	200	4	8	1	4	4	.....	3	1	3	18	5
72. Haemorrhagic conditions.....	12	1	2	.....	.....	.....	.....	.....	.....	.....	1	.....
72A. Primary purpura.....	12	1	2	.....	.....	.....	.....	.....	.....	.....	1	.....
73. Anaemias.....	78	2	3	.....	2	1	.....	1	.....	3	8	2
73A. Pernicious anaemia.....	65	2	3	.....	2	1	.....	1	.....	2	7	1
73B. Others under this title.....	13	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1
74. Leukaemias and aleukaemias.....	93	1	3	1	2	3	.....	1	1	.....	9	3
74A. Leukaemias.....	90	1	3	1	2	3	.....	1	1	.....	7	3
74B. Aleukaemias (Hodgkin's disease excepted).....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
75. Diseases of the spleen.....	12	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

OF 10,000 POPULATION AND OVER—ONTARIO, 1942—Continued
Year 1941)

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
2	14	...	2	3	23	...	...	2	3	2	1	3	...	3	...	...	90	...	5	5	
1	21	...	...	7	39	...	3	6	3	9	8	2	...	3	...	...	191	3	12	46D	
7	6	1	...	...	8	...	5	5	2	1	1	2	...	3	...	...	60	1	7	46E	
2	7	...	1	...	16	...	1	...	1	1	...	...	5	2	...	...	44	...	3	46F	
...	...	1	...	...	1	...	1	...	1	1	...	...	...	...	...	...	4	...	4	46G	
2	15	4	2	2	16	1	1	2	7	1	...	1	...	3	1	1	119	2	12	46H	
2	1	...	...	...	7	...	1	...	2	...	...	...	...	1	...	...	17	...	1	46M	
2	6	4	2	2	6	...	...	1	5	1	...	1	...	2	1	...	50	2	11	47	
3	8	...	...	...	3	1	...	1	...	...	...	...	...	...	...	...	52	...	...	47A	
3	14	3	2	2	14	2	2	2	3	4	5	7	4	2	5	3	101	1	13	47B	
3	7	2	2	2	8	...	...	1	2	1	3	4	1	2	3	...	51	...	...	47C	
4	1	...	...	...	3	...	...	1	1	1	3	3	2	2	2	3	50	1	9	48	
4	13	2	2	1	11	...	...	2	1	1	3	2	2	1	1	...	48	...	...	48A	
4	23	4	1	4	33	6	2	7	8	5	3	5	5	4	4	2	142	2	16	48B	
4	8	1	1	1	14	3	5	4	1	2	3	6	3	2	2	2	62	1	7	49	
3	14	3	2	2	12	2	1	2	1	1	4	1	1	1	1	5	71	...	...	50	
3	6	2	2	2	3	3	1	1	1	1	1	1	1	1	1	3	25	...	...	51	
...	...	1	...	...	9	...	1	2	...	...	4	1	1	...	2	45	...	5	...	52	
1	3	...	1	1	6	...	...	1	...	1	1	...	1	...	...	1	20	...	1	52A	
1	2	...	1	4	2	...	...	2	1	...	...	1	...	...	...	1	39	1	4	52B	
4	7	3	...	...	12	4	1	1	3	3	1	1	2	2	...	90	...	10	3	52C	
4	1	3	...	1	12	...	1	1	...	3	...	...	2	1	3	22	2	3	2	53	
2	...	...	...	1	2	...	...	...	...	...	...	...	1	1	1	...	5	...	...	54	
1	1	...	...	...	4	...	1	1	...	1	...	...	2	...	1	7	2	...	1	55	
...	...	...	...	...	3	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1	56A
...	...	...	...	...	3	...	1	...	...	1	1	1	...	...	...	...	12	...	1	1	56B
...	...	...	...	...	3	1	...	...	...	...	1	1	...	...	...	...	9	...	1	...	56C
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	7	...	1	...	56D
...	...	...	...	...	3	...	...	...	...	1	1	1	...	...	...	...	3	...	1	1	56E
...	...	...	...	...	3	...	...	...	...	...	...	1	...	...	...	...	12	...	1	...	57
...	...	...	...	...	3	1	...	...	...	...	...	1	...	...	...	...	9	...	1	...	57D
...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	3	...	...	...	57E
...
22	47	12	5	4	73	10	6	17	5	14	7	14	14	15	5	2	286	9	50	9	
...	3	...	3	...	5	1	...	1	1	2	...	1	3	1	1	...	26	1	5	1	58
...	3	...	3	...	5	1	...	1	1	2	...	1	3	1	1	...	25	1	5	1	58A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	58B
1	...	1	...	...	5	...	1	1	1	6	6	1	1	...	...	...	10	...	...	...	59
20	32	7	2	4	48	7	3	12	3	6	6	9	7	10	3	1	204	5	36	5	61
1	1	4	...	...	10	2	2	1	1	4	1	2	2	3	...	1	4	...	...	...	62
1	11	4	...	...	9	2	2	1	1	4	1	1	1	3	...	1	33	2	5	2	63
1	6	4	...	...	9	2	2	1	1	4	1	1	1	3	...	1	1	...	...	...	63A
...	2	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	28	2	4	2	63B
...	2	...	...	...	3	...	...	1	...	1	...	1	...	1	...	...	3	...	1	...	63C
...	...	...	...	...	1	...	...	1	...	1	...	1	...	1	...	...	1	...	...	...	63D
...	...	...	...	...	1	...	...	1	...	1	...	1	...	1	...	...	3	1	4	...	64
...	...	...	...	...	1	...	...	1	...	1	...	1	...	1	...	...	4	...	...	...	65
...	...	...	...	...	1	...	...	1	...	1	...	1	...	1	...	...	2	...	...	...	66
...	...	...	...	...	1	...	...	1	...	1	...	1	...	1	...	...	2	...	...	...	66B
...	...	...	...	...	1	...	...	1	...	1	...	1	...	1	...	...	2	...	...	...	71
1	11	3	...	2	15	1	2	5	1	5	2	4	1	4	4	...	82	2	4	...	72
...	...	...	...	1	1	...	1	1	...	1	...	1	...	...	...	...	2	...	...	...	72A
...	...	...	...	1	1	...	1	1	...	1	...	1	...	...	...	...	3	...	...	...	73
...	3	1	...	...	4	...	1	3	...	2	...	1	2	2	2	...	27	2	...	...	73A
...	2	1	...	...	1	...	1	2	...	...	...	2	...	2	2	...	6	...	1	...	73B
...	8	2	...	...	1	...	...	1	1	1	1	...	1	1	2	...	39	...	3	...	74
...	8	2	...	...	9	...	...	1	1	1	1	...	1	1	2	...	38	...	3	...	74A
1	...	...	...	...	1	...	...	1	3	...	1	1	...	1	...	...	1	...	...	...	74B
...	...	...	...	...	1	...	...	1	3	...	1	1	...	1	...	...	5	...	...	...	75

TABLE 44—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

(As of Census

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
76. Other diseases of the blood and blood-forming organs.....	5											
CLASS V.—CHRONIC POISONING AND INTOXICATION												
Total	17										1	
77. Alcoholism.....	14										1	
77A. Acute alcoholism.....	4											
77B. Chronic alcoholism.....	8										1	
77C. Others under this title.....	2											
79. Chronic poisoning by other mineral and organic substances.....	3											
79B. Non-occupational.....	3											
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS												
Total	2,346	25	41	20	31	28	4	19	25	32	183	40
80. Encephalitis (non-epidemic).....	16								1		1	
80A. Intracranial abscess.....	4											
80B. Others under the title.....	12								1		1	
81. Meningitis (non-meningococcal).....	55	1			1	3				1	4	
81A. Simple meningitis.....	48	1			1	2				1	3	
81B. Acute cerebrospinal meningitis.....	7					1					1	
82. Diseases of the medulla and spinal cord.....	74	3	1		1	1		1	1	1	4	
83. Intracranial lesions of vascular origin.....	1,961	20	37	18	25	20	4	16	20	26	157	34
83A. Cerebral hemorrhage or effusion.....	785	7	18	5	12	9	2	9	7	10	52	9
83B. Cerebral embolism and thrombosis.....	132						1			2	8	7
83C. Cerebral softening.....	6										1	
83D. Hemiplegia and other paralysis of unspecified origin.....	70	1	1	1	1	1		1	1	2	5	2
83E. With mention of arteriosclerosis.....	968	12	18	12	12	10	1	7	12	12	91	16
84. Mental disorders and deficiency (general paralysis of the insane excepted).....	24								1		1	2
84A. Schizophrenia (dementia præcox).....	4											
84B. Others under this title.....	20								1		1	2
85. Epilepsy.....	30	1	1			1		1		1	2	3
86. Convulsions (under 5 years of age).....	21				1						1	
87. Other diseases of the nervous system.....	124		1	2	3	2			2	3	9	1
87A. Chorea.....	2										1	
87B. Neuritis.....	3											
87C. Paralysis agitans.....	45				1	1			1	1	6	1
87D. Disæminated sclerosis.....	64		1	2	1	1				1	2	
87E. Others under this title.....	10				1					1		
88. Diseases of organs of vision.....	9											
89. Diseases of the ear and of the mastoid process.....	32		1			1		1			4	
89A. Otitis and other diseases of the ear.....	21		1					1			3	
89B. Diseases of the mastoid process.....	11					1					1	
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM												
Total	6,781	67	187	60	99	63	18	63	68	89	702	141
90-95. Diseases of the heart.....	6,280	53	177	58	91	57	18	57	63	80	648	125
90. Pericarditis (acute rheumatic excluded).....	3			1								
90A. Chronic rheumatic pericarditis.....	1											
90B. Others under this title.....	2											
91. Acute endocarditis (non-rheumatic).....	72		1	1		1		1	2	1	9	1
91A. Bacterial endocarditis (acute, subacute or unspecified).....	57		1	1					1		9	1
91B. Other acute or subacute endocarditis.....	3											
91C. Endocarditis (not specified under 45 years).....	12					1		1	1	1		
92. Chronic affections of the valves and endocardium.....	495	7	27	1	14	9	2	4	5	3	27	9
92A. Specified valvular diseases (rheumatic).....	227	3	10		9	5	1	3	3	1	16	2
92B. Other specified valvular diseases (non-rheumatic).....	172	2	12		3	4	1	1			5	6
92C. Unspecified valvular lesions and endocarditis.....	96	2	5	1	2				2	2	6	1

OF 10,000 POPULATION AND OVER—ONTARIO, 1942—Continued
Year 1941)

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
				1										1			3				76
	2			1	1		1										11				
				1	1		1										10				77
				1	1		1										3				77A
							1										5				77B
																	2				77C
	2																1				79
	2																1				79B
49	121	40	19	45	225	26	16	34	26	56	41	41	40	23	21	10	927	14	95	29	
1								1							1		7	2	1	1	80
1								1							1		4				80A
2					10		2	2				1	1	1			22		2		81
2	1				7		2	1	2				1	1			22		1		81A
					3							1									81B
2	4	1	1	1	8			3	1	1	1	2		1			30		5		82
43	106	33	17	39	183	24	13	27	22	44	38	38	34	19	19	6	763	11	78	27	83A
13	44	7	9	11	63	7	5	8	9	24	13	9	11	7	13	2	337	4	33	16	83A
1	10	5		3	15	2	1		1	2	4	4	1	1	1		2		6		83B
					3												5				83C
	8	2		2	6		2	1		1		1				1	25	1	3	2	83D
29	44	19	8	23	96	15	5	18	12	17	21	24	22	11	5	3	343	6	36	8	83E
	3			3	1					5			1				7				84
	2			1						1							4				84A
	1			2	1					4			1				7				84B
	1			4	1			1					2			1	10				85
	6	3	1	1	3	1	1		1	1						1	8				86
					13					4	2		1		1	2	62	1	5		87
				1	1																87A
					7					3			1				2				87B
	1	3			4	1				3	2		1		1		20		2		87C
	5				7					1						1	36	1	2		87D
		1			1					1						1	4			1	87E
					1												6				88
1		2		1	2			1		1			1	2			12		2		89
1				1	1			1		1			1				9		1		89A
		2			1									2			3		1		89B
107	394	92	41	49	571	63	53	108	83	99	100	60	64	70	62	40	2737	62	313	56	
95	361	83	40	44	526	50	51	96	79	89	88	55	63	67	58	40	2563	58	293	54	90-95
					1			1													90
					1																90A
4	7		1		7	2	2	1	1		1				1		23	1	3	1	91
3	6		1		6	2		1	1						1		20		3		91A
	1				1			1													91B
1																	3	1			91C
6	15	8	5	1	40	11	9	11	9	7	5	7	4	3	5	1	196	3	24	17	92
4	8	3	3	1	17	6		5	1	1	2	2	2	1	2		97	1	9	9	92A
2	7	1	2		12	4	1	5	8	4	2	1	1	2	3		65	2	11	5	92B
		4			11	1	8	1		2	1	4	1			1	34		4	3	92C

TABLE 44—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES
(As of Census)

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
93. Diseases of the myocardium.....	3,409	22	96	43	46	31	10	33	24	45	429	62
93A. Acute myocarditis.....	37	1	1							1	7	
93B. Myocarditis (not specified under 45 years).....	23			1	1	1			1		4	
93C. Chronic myocarditis and myocardial degeneration (rheumatic).....	127		7	1	3	1				4	15	2
93D. Chronic myocarditis (non-rheumatic).....	2,789	13	71	32	37	22	9	28	21	25	356	55
93E. Other myocarditis (not specified).....	433	8	17	9	5	7	1	5	2	15	47	5
94. Diseases of the coronary arteries and angina pectoris.....	2,053	22	46	11	26	15	6	16	31	31	162	50
94A. Diseases of the coronary arteries.....	2,020	18	45	11	25	13	6	15	30	31	161	50
94B. Angina pectoris.....	33	4	1		1				1		1	
95. Other diseases of the heart.....	248	2	7	1	5	1		3	1		21	3
95A. Functional diseases of the heart (no organic lesion).....	30		3		2	1		1			3	
95B. Other diseases of the heart (rheumatic).....	88		1		1			1			8	1
95C. Other diseases of the heart (non-rheumatic).....	130	2	3	1	2			1	1		10	2
96. Aneurysm (heart and aorta excepted).....	20	1			1			1			2	
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted).....	347	9	8	2	7	1		5	3	9	37	13
98. Gangrene.....	18					2					2	
99. Other diseases of the arteries.....	57	1				3			2		8	2
100. Diseases of the veins.....	32		2								4	1
101. Diseases of the lymphatic system.....	3	1										
102. High blood pressure (idiopathic).....	22	2									1	
103. Other diseases of the circulatory system.....	2											
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM												
Total	1,233	7	20	15	16	18		9	5	9	132	40
104. Diseases of the nasal fossae and accessory sinuses.....	23				3							
105. Diseases of the larynx.....	1											
106. Bronchitis.....	60					2			1		8	2
106A. Acute.....	18										2	
106B. Chronic.....	31					1					5	1
106C. Unspecified.....	11					1					1	1
107. Broncho pneumonia.....	574	3	6	9	5	11		4	4	3	62	18
108. Lobar pneumonia.....	286	2	10	3	4	4		3		4	38	10
109. Pneumonia (unspecified).....	131	2		1	3	1		1		2	10	2
110. Pleurisy.....	32			1				1			4	
110A. Empyema.....	25			1				1			3	
110B. Others under this title.....	7										1	
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs.....	51		1		1						4	6
111A. Haemorrhagic infarction and thrombosis of the lungs.....	6										1	1
111B. Others under this title.....	45				1						3	5
112. Asthma.....	42		2	1							4	
113. Pulmonary emphysema.....	4											
114. Others diseases of the respiratory system (tuberculosis excepted).....	29		1								2	2
114A. Silicosis.....	3											
114B. Other and unspecified forms of pneumoconioses.....	1		1									
114C. Gangrene of lung.....	3											1
114D. Others under this title.....	22										2	1
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM												
Total	1,169	24	26	11	27	24		23	9	6	111	39
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils.....	62	1			1						10	3
115A. Diseases of the teeth and gums.....	12				2						2	1
115B. Septic sore throat.....	18	1									4	2
115C. Diseases of the pharynx and tonsils.....	30										4	
115D. Others under this title.....	2											
116. Diseases of the oesophagus.....	4											
117. Ulcer of the stomach or duodenum.....	225	6	3	2	3			6	1		14	8
117A. Stomach.....	104	4	1	2				3			4	2
117B. Duodenum.....	121	2	2		3			3	1		10	6
118. Other diseases of the stomach.....	9									1	2	

OF 10,000 POPULATION AND OVER—ONTARIO, 1942—Continued
Year 1941)

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock
3	6	3	5	3	31	1	2	3	2	3		4	7		3	1	15	3	19	1
3	6	3	5	3	31	1	2	3	2	3		4	7		3	1	14	3	19	1
																	1			
																	21			
																	2			
																	19			
																	23			
																	59			
																	31			
																	4			
																	28			
																	8			
																	38			
																	4			
																	34			
																	15			
																	5			
																	10			
																	5			
																	10			
																	25			
																	15			
																	4			
																	3			
36	83	13	14	14	155	11	13	33	23	26	17	20	21	21	18	11	404	21	102	15
27	64	12	10	7	109	7	7	21	15	14	13	14	2	1	1	7	10	2	2	130
3	1				5			3	1	2	1	1	15	18	9		207	16	80	11
1	2	1			6	2	1		2	2	1	2	1		2	2	18		4	131
					3				2	2	1	3	1		1		35		4	132
									1	1		1					19		3	133
					1				1							1	8		1	134
					1				1								6			135
					1				1								1			136
									1								5			136A
	3	11		2	23	2	3	8	1	8	1	1	2	2	4		86	2	8	136B
				1																137
																	2			138
																	13	1		139
																	5			139A
																	5	1		139B
																	3			139C
5	7	2	3	4	10	1	3	1	2	4	5	1	1	2	4		47	1	8	1
																	13	1	2	140
																	4	1	2	140A
																	6			140B
																	3			140C
																	2			141
																	1			141A
																	1			141C
																	2			142
																	1			142A
																	2			142B
																				144
																	5			144
																				145
																	7		1	146
																	1			146A
																	1			146B
																	5			146C
																	8		2	147
																	5		1	148
																	4			148A
																	1			148B
																	1			148C

TABLE 44—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

(As of Census

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
148D. Others under this title.....	2										1	
149. Other accidents of childbirth.....	16					1						
149A. Laceration, rupture or other trauma of pelvic organs and tissues.....	7					1						
149B. Other conditions of childbirth.....	9											
150. Other and unspecified conditions of childbirth and the puerperal state.....	3										1	
150C. Others under this title.....	3										1	
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE												
Total.....	24	1		1	2			1			1	1
151. Carbuncle and furuncle.....	7							1				
152. Phlegmon and acute abscesses.....	4											1
153. Other diseases of the skin and cellular tissue.....	13	1		1	2						1	
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT												
Total.....	37					1		2	1		2	
154. Osteomyelitis and periostitis.....	17					1		1	1			
155. Other diseases of the bones (tuberculosis excepted).....	9							1				
156. Diseases of the joints and other organs of movement.....	11										2	
156A. Diseases of the joints (tuberculosis and rheumatism excepted).....	5										1	
156B. Others under this title.....	6										1	
CLASS XIV.—CONGENITAL MALFORMATIONS												
Total.....	409	14	8	4	1	10		4	4	3	40	15
157. Congenital malformations.....	409	14	8	4	1	10		4	4	3	40	15
157A. Congenital hydrocephalus.....	63	2	2			1		1	2		7	1
157B. Spina bifida and meningocele.....	67				1	1				1	6	2
157C. Anencephalus.....	9										1	
157D. Congenital malformations of the heart.....	131	8	3	1		2		1	1	1	8	4
157E. Others under this title.....	139	4	3	3		6		2	1	1	18	8
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE												
Total.....	905	28	16	12	19	24		13	7	2	59	29
158. Congenital debility.....	20	1			1							2
159. Premature birth.....	518	21	4	7	11	19		10	3	2	28	14
160. Injury at birth.....	208	3	7	4	4	5		3	2		25	6
160A. Intracranial or spinal haemorrhage.....	98	1	5		2			2			9	3
160B. Other intracranial or spinal injuries.....	5											
160C. Others under this title.....	105	2	2	4	2	5		1	2		16	3
161. Other diseases peculiar to the first year of life.....	159	3	5	1	3				2		6	7
161A. Asphyxia (unspecified), atelectasis.....	75								1		4	4
161B. Infection of the umbilicus, pemphigus and other infections.....	13		1		1							
161C. Other specified diseases peculiar to the first year of life.....	71	3	4	1	2				1		2	3
CLASS XVI.—SENILITY												
Total.....	132	1	5	1	2	2		1	2	3	8	
162. Senility.....	132	1	5	1	2	2		1	2	3	8	
162A. With dementia.....	5											
162B. Without dementia.....	127	1	5	1	2	2		1	2	3	8	

OF 10,000 POPULATION AND OVER—ONTARIO, 1942—Continued
Year 1941

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
2	1				1		1			2			1		1		4			2	148D 149
1							1										1			2	149A 149B
1	1				1					2				1			3				
					1												1				150 150C
					1												1				
	3	1			2			1							1		7	1	1		
	1	1			1			1									1		1		151
	1				1												2				152
	1				1										1		4	1			153
1		2		1	4	1		1			1						19		1		
1		1			1						1						9		1		154
		1		1	2												4				155
					1	1		1									6				156
					1												3				156A 156B
					1	1		1									3				
					1			1									3				
					1			1									3				
10	20	5	5	1	33	5	4	6	4	8	5	6	6	2	11	3	130	7	33	2	
10	20	5	5	1	33	5	4	6	4	8	5	6	6	2	11	3	130	7	33	2	157
2	2	2	1	1	4	2	2	2	1	1	2	1	1	2	1	1	19	6	6	1	157A
2	2	2	2		9			2	3	1	2	2	2	2	1	21	1	2	2	1	157B
					1			1				2	2		1		1				157C
2	10	2	1		9	2	1	1	2	2	1		3		4		43	3	15	1	157D
4	6	1	1		10	3	1		1	2	1	2		2	3	2	46	3	5		157E
22	27	9	10	19	90	11	14	30	14	15	19	11	17	8	44	14	236	21	64	1	
3	14	6	3	12	58	8	7	15	12	10	13	3	8	3	25	8	142	11	31	1	158
9	6	2	4	1	21	2	4	5	2	1	2	6	6	5	10	4	35	6	21		159
6	1	1	1	1	13	1	2	3	1		1	3	5	2	6	2	17	1	12		160
1	3																				160A
2	1				8	1						3	1	3		2	2				160B
4	7	1	2	5	8	1	2	2	1	1	3	2	1	3	4	2	16	5	9		160C
2	3	1	1	4	2		1	5		1	1		2		6	1	31	2	3		161
																					161A
																					161B
2	4		1	1	6	1	1	5		1	2	2	1		1	1	16	1	9		161C
1	1		1	2	24	4	2	9	1	4	5	1	1	7	1	1	35		3	4	
1	1		1	2	24	4	2	9	1	4	5	1	1	7	1	1	35		3	4	162
1	1		1	1	23	4	2	9	1	3	5		1	7	1	1	35		3	4	162A 162B

TABLE 44—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES,
(As of Census

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
195E. Other and unspecified objects	32	1			1					1	6	
196-198. OPERATIONS OF WAR AND LEGAL EXECUTIONS	1											
198. Legal executions	1											
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH												
Total	31		1		1	1		1			3	1
199. Sudden death	3											1
200. Ill-defined and unknown causes	28		1		1	1		1			3	
200A. Ill-defined	22				1	1					3	
200B. Found dead	1		1									
200C. Unknown or unspecified cause	5							1				

CLASSIFICATION OF ACCIDENTAL DEATHS ACCORD

These accidental deaths are classified above according to circumstances involving the

Accidental absorption of poisonous gas	26		1							1	1	
Accidental burns	69	3		1	4			1		1	3	2
Accidental mechanical suffocation	19	1		1								1
Accidental drowning	75	2		1	4	4		6		1	4	4
Accidental injury by cutting or piercing instruments	6									1		1
Accidental injury by fall	497	13	9	9	10	6	1	4	5	5	51	12
Accidental injury by crushing	414	8	9	4	14	7		7	2	1	55	9
Accidents due to electric currents	7	1	1			1					1	

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Year 1941)

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock		
...	2	3	...	6	2	2	...	...	...	...	...	1	...	1	...	...	4	...	1	1	195E
...	1	196-198
...	1	198
6	5	...	...	...	...	1	...	1	...	2	1	...	...	...	...	1	5	...	1	...	...
6	1	...	...	...	...	1	...	...	...	2	1	...	...	...	...	1	5	...	1	...	199
6	4	...	...	...	...	...	...	1	...	2	1	...	...	...	...	1	5	...	1	...	200
6	2	...	...	...	...	...	...	...	...	2	...	...	...	...	...	1	5	...	1	...	200A
...	200B
...	2	1	...	1	200C

ING TO THE NATURE OF INJURY

accident under rubrics 169 to 176, 178, 180, 181, 182, 183, 185, 186, 187 and 193.

1	1	...	...	5	...	...	...	2	1	...	1	...	13	...	...	...	...	...	...	...	...
1	2	...	...	4	...	...	1	...	2	...	2	...	29	...	...	...	...	...	...	...	...
...	2	...	...	2	...	...	...	...	1	...	1	...	9	...	...	...	...	...	...	...	...
...	...	2	...	1	...	...	...	...	...	...	...	...	15	...	...	...	...	...	...	...	...
1	...	...	...	11	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...
13	24	...	...	9	37	7	7	15	8	8	7	10	4	14	6	1	174	5	16	3	...
7	16	7	6	3	36	...	7	3	8	17	10	3	6	5	5	4	101	14	36	4	...
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER—ONTARIO, 1942

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York			
458	120	630	131	1,700	245	372	379	372	685	657	271	281	529	528	257	186	149	561	114	1,100	459	591	681	346	346	948	936	662	2,425	9,616			
17	2	30	24	135	61	19	7	11	15	74	18	3	15	13	10	11	10	19	6	23	25	35	87	40	7	38	34	18	178	415			
...	...	1	...	3	2	1	...	...	...	...	...	...	2	...	1	1	...	1	...	...	...	1	...	...	...	1	...	...	...	...	1	
...	...	1	...	2	...	...	...	...	...	...	1	...	2	...	...	...	...	1	...	1	...	...	2	...	...	1	...	...	2	...	11	
...	2	...	1	2	...	...	1	1	...	...	1	...	2	...	1	1	1	...	1	...	1	4	2	2	...	1	...	...	2	2	11	
...	1	1	1	2	...	6	...	...	...	1	...	...	2	...	1	1	1	1	...	...	1	4	2	2	...	1	...	...	1	1	10	
...	...	1	1	1	...	...	...	...	...	1	...	...	1	...	...	1	...	1	...	...	...	1	1	...	...	...	...	...	...	1	1	9
...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	1	10	
7	...	18	10	89	57	3	2	4	2	60	8	1	3	3	4	6	4	7	1	9	10	13	61	30	2	21	10	3	135	214	13-22		
7	...	16	9	83	57	2	1	4	...	59	6	1	3	3	4	3	4	5	1	7	7	10	53	30	2	20	8	2	125	178	13		
...	6	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	3	...	2	...	...	2	...	1	13A		
7	...	16	9	76	53	2	1	4	...	26	6	1	3	2	4	3	2	5	1	7	6	10	51	26	2	18	8	2	123	175	13B		
...	1	...	...	...	...	33	...	...	...	...	...	...	2	...	...	...	...	1	1	...	1	...	...	...	...	...	...	13C		
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	3	...	...	...	...	...	4	...	10	14	
...	2	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1	...	5	15	
...	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	2	...	4	16
...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	4	17	
...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	17A	
...	1	...	1	17B	
...	1	18
...	1	1	...	1	1	1	1	19
...	1	1	1	1	1	...	3	20
...	...	1	1	1	2	...	1	1	...	2	21
...	...	1	1	2	...	4	1	...	1	...	6	22
...	2	...	3	1	...	1	...	6	22A
...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	22B	
...	...	1	2	1	1	1	...	1	...	1	7	24
...	...	1	2	1	1	1	1	1	1	2	1	...	...	1	...	...	...	4	...	1	...	3	1	...	...	...	...	...	...	1	...	26
5	1	...	...	21	1	2	1	3	2	...	...	...	1	2	1	2	1	...	2	6	6	7	13	2	1	4	3	3	18	...	93	30
...	1	1	1	1	...	3	30A
2	5	...	...	1	...	3	1	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	1	...	...	3	...	...	3	30B	
2	1	...	1	...	...	1	...	1	...	1	...	...	1	2	1	1	1	...	1	5	5	6	10	2	1	2	3	3	7	...	11	30C
1	1	...	14	...	1	...	1	...	1	...	...	...	1	2	1	1	1	1	...	5	5	6	10	2	1	2	3	3	7	...	4	30D
1	...	3	10	8	...	4	...	2	6	6	4	1	4	7	3	2	2	4	...	6	5	3	4	3	2	8	14	4	11	...	1	32	
1	...	2	2	3	...	3	...	5	3	3	1	1	4	2	2	...	3	...	4	5	3	2	2	1	5	14	3	7	...	20	33A		
...	...	1	8	5	...	1	...	2	1	3	1	...	3	3	1	...	2	1	...	2	...	2	1	1	3	...	1	4	...	7	33B		
...	1	...	...	...	1	...	1	...	1	2	...	1	...	...	...	1	...	1	...	35	

TABLE 45—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	COUNTIES																							
		Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
36. Acute poliomyelitis and polioencephalitis.....	12					1											1								
37. Acute infectious encephalitis.....	22			1	1						1	1				1				1			2		
38. Other diseases due to filterable viruses.....	7					1						1				1									
38C. Chicken-pox.....	5					1						1				1									
38D. Others under this title.....	2																								
42. Other diseases due to helminths.....	1					1																			
43. Mycoses.....	13																								
44. Other infectious and parasitic diseases.....	80		3	4	1	5				1	2	2				2			1	2	2	2	1	1	1
44B. Lymphogranulomatosis (Hodgkin's disease).....	62		1	3	1	2				1	2	2				1			1	2	2	2	1	1	1
44C. Mumps.....	18		2	1		3										1			1	2					1
CLASS II.—CANCER AND OTHER TUMOURS																									
Total	5156	8	57	88	51	281	51	23	14	35	60	200	120	20	20	78	24	5	33	79	47	14	84	84	50
45-55. Cancer and other malignant tumours.....	5005	8	55	85	48	266	51	23	14	33	58	196	118	20	20	77	24	5	32	79	46	13	82	80	49
45. Cancer of the buccal cavity and pharynx.....	164		5	2		6	2	2	2	1	1	12	3			3					1		1	3	
46. Cancer of the digestive organs and peritoneum.....	2446	5	26	43	22	130	19	12	6	12	27	89	61	13	13	39	8	2	14	48	29	7	42	38	25
46A. Oesophagus.....	110		1	2		6	1	1		1	3	1	1	1	2	1			2	2	2	1	1	3	
46B. Stomach.....	837	1	12	19	7	29	10	7	3	6	7	37	13	2	4	15	2		3	12	13	1	13	15	7
46C. Duodenum.....	11				1							1												2	
46D. Rectum and anus.....	309			5	4	25	1	2	1		3	8	10	1	3	2	1		4	4	1	2	4	5	1
46E. Intestines.....	712	1	6	13	5	43	2	2		2	13	22	25	8	4	11	3	1	3	23	10	2	16	5	10
46F. Liver and biliary passages.....	273	3	1	4	4	10	3		2	1	4	9	6	1	1	5	1	1	3	6	1	8	6	4	4
46G. Pancreas.....	166		5		1	16	2					5	6	1		2	1		1	1	2	2		2	3
46H. Mesentery and peritoneum.....	24		1							2		4				1					2				
46M. Other and unspecified sites.....	4					1										1									
47. Cancer of the respiratory system.....	302			6	2	17	4			1		13	3		1	1	1			4	1	3	4	2	2
47A. Larynx.....	47					7				1		1	1							1		1		1	
47B. Lung.....	162			3	2	7	2					12			1		1			2		2	3	1	1
47C. Mediastinum and other sites.....	93			3		3	2					2				1				1	1		1		1
48. Cancer of the uterus.....	374	2	6	8	2	16	6	2	2	4	7	17	9	2	2	4	6		1	6	1	6	12	1	
48A. Cervix.....	157	2	1	3		6	1	1		1	4	6	4			2				1	1		2	6	
48B. Other and unspecified sites.....	217		5	5	2	10	5	1	2	3	3	11	5	2	2	4	4		1	5		1	4	6	1
49. Cancer of other female organs.....	147		2	1	4	12			1		3	8	3	1					1	2	2		3	2	2
50. Cancer of the breast.....	564		5	10	2	35	5	1	2	8	5	23	7	1		13	3	1	8	5	4	1	9	8	8
51. Cancer of the male genital organs.....	269	1	4	3	3	15	5	1		2	6	8	11		2	6	2		1	6	3		2	7	3
52. Cancer of the urinary organs.....	273		2	3	4	13	6	2	1	1	4	8	9	2		4	3	1	3	4	2		6	2	3
52A. Kidney.....	87		1	1		3	4				2	4	2		2				2	1	2	1	2	1	1
52B. Bladder.....	185		1	2	4	10	2	2	1	1	4	6	5	2		2	3	1	2	2	1		4	1	2
52C. Other and unspecified sites.....	1																								
53. Cancer of the skin.....	86		1	2	2	6	1			1	2	1	5		1	1				2				3	1
54. Cancer of the brain.....	90			2		2				1		4		1			1		1	1			2	1	1
55. Cancer of other and unspecified organs.....	290		4	5	7	14	1	3		2	3	13	7		1	6		1	3	1	4	1	7	2	3
56. Non-malignant tumours.....	102		2	3	3	12				1	1	3	1						1	1		1	1	1	
56A. Ovary.....	28			2		2						1													
56B. Uterus.....	30		2	1		4															1				
56C. Other female genital organs.....	2																								
56D. Brain and other parts of the central nervous system.....	24				2	3				1		1	1										1	1	
56E. Other and unspecified organs.....	18				1	3					1	1													
57. Tumours of undetermined nature.....	49					3				1	1	1	1			1					1	1	3	1	

TABLE 45—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Albama	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark	
77c. Others under this title...	5							1													1					
79. Chronic poisoning by other mineral and organic substances...	5																									
79b. Non-occupational...	5																									
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS																										
Total	4621	4	54	71	52	262	32	23	11	45	88	132	64	24	34	86	31	4	39	67	84	21	88	91	72	
80. Encephalitis (non-epidemic).....	24			1							1	1								1		1				
80A. Intracranial abscess.....	6																					1				
80B. Others under this title.....	18			1							1	1								1						
81. Meningitis (non-meningococcal).....	65		1			11				1		2									1		1	1	2	
81A. Simple meningitis.....	57		1			8				1		1									1		1		2	
81B. Acute cerebrospinal meningitis.....	8					3						1												1		
82. Diseases of the medulla and spinal cord.....	112			2	2	9				1	2	6				1			1	4	1		2	3		
83. Intracranial lesions of vascular origin.....	3950	3	47	62	45	213	28	22	11	38	82	112	57	23	31	76	28	4	33	59	80	14	73	77	64	
83A. Cerebral haemorrhage or effusion.....	1435		15	27	6	76	13	3	4	14	31	38	17	5	3	25	7	1	6	25	44	5	22	22	14	
83B. Cerebral embolism and thrombosis.....	232		1	1	2	16	4	1		2	7	9	8	1	3	4	1			4	4		3	6	4	
83C. Cerebral softening.....	10					3																				
83D. Hemiplegia and other paralysis of unspecified origin.....	155	1	1	2	3	7	4	1	1	1		4	3	4	1		1		1	3	1	2	4	1	1	
83E. With mention of arteriosclerosis.....	2118	2	30	32	34	111	7	17	6	21	44	61	29	13	24	47	19	3	26	27	31	7	44	48	45	
84. Mental disorders and deficiency (general paralysis of the insane excepted).....	77		1	1	1	1		1							2					2		1		1		
84A. Schizophrenia (dementia praecox).....	18			1																						
84B. Others under this title.....	59		1		1	1		1						2						2		1		1		
85. Epilepsy.....	82		2	2	1	7	1			1		2	4		1		2		2	2	1	1	1	1	1	
86. Convulsions (under 5 years of age).....	41		1			3	1			1					1		2				1		2	3	1	
87. Other diseases of the nervous system.....	220	1	1	2	3	14	2			2	3	6	1		2	7	1		1		2	3	7	10	4	
87A. Chorea.....	2					1																				
87B. Neuritis.....	5																									
87C. Paralysis agitans.....	89				1	8				2		2	1		1	5	1		1		2	1	2	4	2	
87D. Disseminated sclerosis.....	100		1	2	1	4	1				3	3		1	2								3	4	2	
87E. Others under this title.....	24				1	1	1				1				1							2	2	2		
88. Diseases of organs of vision.....	10					1																				
89. Diseases of the ear and of the mastoid process.....	40		1	1		3				1		2														
89A. Otitis and other diseases of the ear.....	25		1	1		2				1		1														
89B. Diseases of the mastoid process.....	15					1						1														
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																										
Total	13148	26	140	267	175	675	100	49	54	109	194	464	255	50	51	232	77	20	99	205	188	60	251	187	142	
90-95. Diseases of the heart.....	12069	26	135	241	156	623	100	43	51	95	169	434	237	46	44	198	70	20	89	182	172	58	225	156	124	
90. Pericarditis (acute rheumatic excluded).....	7					1										1							2			
90A. Chronic rheumatic pericarditis.....	1					1																				
90B. Others under this title.....	6															1							2			
91. Acute endocarditis (non-rheumatic).....	104			3		8	1				2	3	1			2	3						1	1	3	
91A. Bacterial endocarditis (acute, subacute or unspecified).....	74			2		7					1	3	1			2	1						1		2	

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1942—Continued

Leeds	Lennox	Lincoln	Manitowlin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York		
				2																				1						277C		
				2																										179		
				2																										179B		
52	21	95	16	185	20	42	48	52	131	84	22	47	61	51	19	23	12	55	9	158	47	43	51	33	58	125	103	93	240	1146		
										1	1			1					1	1		1				2	2		1	880		
										1	1			1					1	1		1				2	2		1	480A		
																										2	2		1	480B		
				1			1					1	1	2				2	1	2	3		2		2		1	4	2281			
				1								1	1	2				2	1	2	2		2		2		1	3	2281A			
							1													1								1		81B		
1		1	1	6	1	2	1		4	1		1	1	3				1		2	1	1	2	1		5	2	2	5	3382		
43	18	82	15	156	18	38	42	51	104	68	21	46	57	44	15	23	12	50	7	115	38	37	43	29	55	109	87	79	204	962	83	
10	3	34	9	63	5	13	11	22	32	33	5	7	22	10	5	6	3	21	5	40	14	23	22	12	22	43	25	29	63	400	83A	
1		3		11		1			8	4			6	2	1	2		3		9		1	1	2	1	4	5	4	10	72	83B	
						2						1									1								1	2	83C	
1		1		10		2	1		3	3	2	1	1	2	1	1	3	4		2	1	2		5	4	4	4	8	7	35	83D	
31	15	44	6	72	13	20	30	29	61	28	14	37	28	30	8	14	6	22	2	64	22	11	20	10	28	58	53	38	123	453	83E	
5		5		8					15	1										12				2	1	1		1	7	8	84	
1		1		5					7	1										12									3		84A	
4		4		3					8	1										13	1	1	1		2	1	1	4	8		84B	
				2	1		3	1	3	6				1										1		2	1	3	13		85	
							1		2	1							2		2	1	1	1	1	1		1			1		9	86
3	3	5		12			1		2	6										10	2	1			1	4	7	9	11	71	87	
																										1	1	1	1			87A
1	3	1		2						4										4	1					1	1	1			2	87B
2		3		10			1		1	1										2	1	1			1	2	3	3	8		23	87C
		1							1	1										2	1	1			1	1	2	4	2	41	87D	
									1	1										4						1	1	1			5	87E
																										1	1				7	88
							1		1				2	1	1					1	1	1	2			1	2		4		13	89
									1					1									2			1			3		10	89A
							1						2		1					1	1	1				2		1		3		89B
178	48	175	45	586	67	98	137	162	217	205	80	128	181	179	63	69	32	201	29	376	111	142	176	90	143	300	312	255	887	3406		
161	43	161	40	536	64	94	127	143	190	191	74	120	169	161	57	62	29	184	27	336	102	134	166	84	129	281	285	228	814	3183		
1								1						1																		90
1								1						1																		90A
2				9		1			1	1			1	1		1	3			4	1	2	2	1		7	2	1	9		27	91
1				7		1							1	1						1		2	1			5	1		9		23	91A

TABLE 45—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Albama	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark	
91B. Other acute or subacute endocarditis.....	8					1											1							1		
91C. Endocarditis (not specified under 45 years).....	22			1			1				1						1								1	
92. Chronic affections of the valves and endocardium.....	1168	4	30	32	22	44	9	2	6	10	11	35	20	16	3	25	3		6	19	19	20	35	13	14	
92A. Specified valvular diseases (rheumatic).....	434	1	6	11	4	17	1			4	3	11	6	4		13			1	5	8	3	14	6	5	
92B. Other specified valvular diseases (non-rheumatic).....	493	2	12	15	16	15	5	2	2	4	4	16	13	6	3	8	1		2	11	5	11	16	2	4	
92C. Unspecified valvular lesions and endocarditis.....	241	1	12	6	2	12	3	4	2	4	8	1	6			4	2		3	3	6	6	5	5	5	
93. Diseases of the myocardium.....	6533	14	74	135	94	350	37	26	32	52	86	205	137	23	18	119	35	17	61	96	84	14	105	74	60	
93A. Acute myocarditis.....	83			2		3				2		6	4		3		1		1	3					1	
93B. Myocarditis (not specified under 45 years).....	35			1		2	3		1			3				1								1		
93C. Chronic myocarditis and myocardial degeneration (rheumatic).....	214		1	10	2	5			3	1	5	9	2			4	2		3	1	2	1	7	2		
93D. Chronic myocarditis (non-rheumatic).....	5239	13	49	100	75	271	31	24	20	48	64	154	121	16	17	85	30	17	46	75	68	8	84	58	42	
93E. Other myocarditis (not specified).....	962	1	23	23	15	68	6	1	7	3	11	35	14	10	1	29	2		11	17	14	5	13	13	18	
94. Diseases of the coronary arteries and angina pectoris.....	3808	8	31	63	33	196	48	15	12	29	65	170	75	2	21	47	27	3	21	61	60	23	72	64	44	
94A. Diseases of the coronary arteries.....	3668	7	28	60	32	193	45	15	12	29	63	165	74	1	17	47	26	3	21	52	59	23	65	61	43	
94B. Angina pectoris.....	140	1	3	3	1	3	3				2	5	1	1	4				1	9	1		7	3	1	
95. Other diseases of the heart.....	449			8	7	24	5		1	4	5	21	4	5	2	4	2		1	6	9	1	10	4	3	
95A. Functional diseases of the heart (no organic lesion).....	49			4		2						1			1								2	2	2	
95B. Other diseases of the heart (rheumatic).....	111			1		5					2	2	1			1	1				3		2		1	
95C. Other diseases of the heart (non-rheumatic).....	289			3	7	17	5		1	4	3	18	3	5	1	3	1		1	6	6	1	6	2		
96. Aneurysm (heart and aorta excepted).....	23					3										1				1			1			
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted).....	833		5	24	15	38		6	2	13	23	21	15	3	7	29	6		10	15	13	2	19	31	17	
98. Gangrene.....	37					2					1	1	1			1	1			1	1		1		1	
99. Other diseases of the arteries.....	91			1	6					1		4	2			2				1	2		1			
100. Diseases of the veins.....	46			2	2	2					1	1	1			1							2			
101. Diseases of the lymphatic system.....	5																			1						
102. High blood pressure (idiopathic).....	41				1	1			1			2								4			2			
103. Other diseases of the circulatory system.....	3											1														
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																										
Total.....	2226	4	26	37	16	110	42	8	5	15	20	65	60	9	11	49	14	2	12	34	29	15	32	18	22	
104. Diseases of the nasal fossae and accessory sinuses.....	27					1						2				2						1	3			
105. Diseases of the larynx.....	6		1							1																
106. Bronchitis.....	107			3	3	8	1	2				1	2	2	2	1				2	1		1	1	1	
106A. Acute.....	33			1	2	4		2						1	1	1										
106B. Chronic.....	57			2	1	4	1													2	1		1	1		
106C. Unspecified.....	17											1	1												1	
107. Broncho pneumonia.....	995		10	9	7	46	23	3	1	8	8	28	33	4		26	7	1	3	5	10	5	11	6	11	
108. Lobar pneumonia.....	486	3	9	18	1	19	5	3		3	5	15	13	1	2	4	2		2	9	6	2	7	4	6	
109. Pneumonia (unspecified).....	317	1	6	1	4	21	5	1	2	1	4	14	2	4	5	9	2	1	4	9	4	6	6	2	3	
110. Pleurisy.....	48			1		4	3									1	1					1	1		1	
110A. Empyema.....	33					3	2																		1	
110B. Others under this title.....	15			1		1	1									1	1				1	1				
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs.....	123			2		6	2					2	8			2	1		1	7	5		3	3		

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1942—Continued

Leeds	Lennox	Lincoln	Manitowlin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York			
				2							1							1		1										91B			
1										1						1		1		2	1		1	1		2	1	1		4	91C		
9	5	10	6	22	4	11	8	26	16	33	5	15	11	19	12	18	6	33	6	42	14	19	13	8	20	22	28	22	34	273	92		
4		1		9	2	4	3	17	7	10	1	2	3	10	3	5	3	3	1	14	9	8	4	4	8	9	14	7	19	127	92A		
4	2	4	6	13	1	4	2	9	9	11	2	13	7	7	5	7	3	14	5	25	4	11	9	1	11	6	7	8	8	100	92B		
110	3	5			1	3	3			12	2		1	2	4	6		16		3	1			3	1	7	7	7	7	46	92C		
2	24	90	26	304	41	51	78	70	104	92	49	68	104	87	24	32	8	106	12	184	58	66	75	29	57	150	128	128	545	1685	93		
		5	1	5			2	2	3	2			2	2	1			3		3	1	1		3	3	3	4	1	7	11	93A		
1					1		1						3								1	1			1	1	2	1		4	6	93B	
2		1		6	1	1	1	2	4	6		2	4	1				2		6	1	1	4	1	1	1	7	3	7	16	74	93C	
91	19	57	24	245	36	38	47	58	87	71	38	59	79	70	18	24	7	65	11	147	34	47	64	18	45	116	98	96	460	1460	93D		
14	5	27	1	48	3	12	27	19	10	15	9	7	16	16	5	8	1	36	1	30	22	17	6	9	7	22	22	24	58	134	93E		
34	12	54	4	163	15	26	39	43	62	58	18	35	45	50	13	11	14	41	9	97	28	38	72	41	47	94	107	74	201	1073	94		
34	11	51	4	155	15	26	36	40	59	54	14	32	45	50	6	11	14	37	8	90	22	36	71	40	42	92	106	72	198	1056	94A		
	1	3		8		3	3	3	4	4		2	8	3	8			4	1	7	6	2	1	1	5	2	1	2	3	17	94B		
	5	2	7	4	38	4	5	2	3	8	7	1	2	8	3	1	1	1		9	1	9	4	5	5	8	20	3	25	125	95		
2		1		6		1		2				1		1				1		1	1					2				4	11	95A	
1				9			1	2							1					2		1	2				3	1	8	61	95B		
2	2	6	4	23	4	4	1	1	6	7	1	1	8	2	7		1			6		8	1	5	5	6	17	2	13	53	95C		
				2			1											1						1						2		9	96
16	5	10	2	39	3	2	6	16	25	10	2	7	11	14	4	7	1	16	2	34	4	4	7	1	10	14	24	24	54	2	145	97	
		1	6	1			1	1												1	2	2		2	1			2		8	5	98	
1		1	2	1		1	2	1	1	3	1		1	1	1					4	3	3		2		3		1	8		32	99	
		3		1			2	1	2			1	1								1	1	1	1			3		5		12	100	
				1		1			1						1						1	1	1			2	1			2		2	101
				1		1			1					2						1	1	1				2	1			2		17	102
																				1					1							1	103
29	4	32	3	112	10	21	14	27	64	39	18	8	27	36	22	11	18	25	12	66	33	55	30	21	18	58	50	27	152		529		
				3																1			1			3	1					9	104
1		3		6		1	2			5	1								1	4		5		1			4	1				1	105
1		2		2		1	1			1										3		1	2				1			9		30	106
1		2		2					4	1											3						2			2		7	106A
15	2	13	2	58	3	11	4	6	39	16	7	5	11	10	12	4	13	12	4	32	15	23	10	4	8	29	19	11	67	265	107		
9	1	7		12	2	4	3	11	8	16	7	2	7	10	3	5		6	2	12	7	7	10	12	7	4	8	18	5	50	113	108	
1		2	1	14	3	4	3	2	7	8	8	1	6	6	6	2	5	5	3	8	5	5	15	5	5	4	8	6	8	11	38	109	
1		1		4	1				1				2	1	1					1			4	1		1	1			5		10	110
1				4					1				2	1						1		4	1				1			4		8	110A
		1		1					1						1											1			1		1	2	110B
1	3		4	1		1	7	10	1					2				2	1	6	1			1	1	3	1		4		28	111	

TABLE 45—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark	
111A. Haemorrhagic infarction and thrombosis of the lungs.	16						1					1	1				1		1	1				2		
111B. Others under this title.	107		2		6		1		2	1	1	7		2	2	1		1	2	6	4		3	1		
112. Asthma.	68		2	1	4		1	1		2		1							2	1				2		
113. Pulmonary emphysema.	5											1				1										
114. Other diseases of the respiratory system (tuberculosis excepted).	44		1		2		1					1	2							1	3					
114A. Silicosis.	9						1														1					
114B. Other and unspecified forms of pneumoconioses.	1		1																							
114C. Gangrene of lung.	3												1													
114D. Others under this title.	31					2						1	1							1	2					
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																										
Total	1728	1	36	36	24	125	33	3	1	10	15	84	40	6	2	25	11	2	3	34	14	11	33	26	14	
115. Diseases of the buccal cavity and annexa, and of the parynx and tonsils.	92		2		2	5	1	1		3		3	3			3				1		2	3		1	
115A. Diseases of the teeth and gums.	21				1	2	1					1	1									1	3			
115B. Septic sore throat.	28		1						2			1	2			2				1					1	
115C. Diseases of the pharynx and tonsils.	38		1		1	2		1				1				1										
115D. Others under this title.	5					1				1												1				
116. Diseases of the oesophagus.	6										1	1													1	
117. Ulcer of the stomach or duodenum.	325		9	7	9	17	4				2	17	8			3	2	1	1	8	3		5	4		
117A. Stomach.	164		5	4	8	10	2					7	2			1	1		1	4	3		2	2		
117B. Duodenum.	161		4	3	1	7	2				2	10	6			2	1	1		4			5	2		
118. Other diseases of the stomach.	29		1		1	1	2					1				1				1		1				
119. Diarrhoea and enteritis (under 2 years of age).	246		10	5	3	34	7		2		20	3	2		3	2	1		5	2	3	1	6	2		
119A. Diarrhoea and enteritis.	245		10	5	3	34	7		2		20	3	2		3	2	1		5	2	3	1	6	2		
119B. Ulceration of the intestines.	1																									
120. Diarrhoea and enteritis (2 years of age and over).	97		1	1	2	5	1				2	1	2		1					1		2	3		2	
120A. Diarrhoea and enteritis.	53		1		2	1					1		2							1		2	2		1	
120B. Ulceration of the intestines.	44		1	1	3						1	1			1								1	1	1	
121. Appendicitis.	160		1	6	2	13	3	1			2	7	6			1				3	1	1	7	1	1	
122. Hernia, intestinal obstruction.	308		10	8	1	13	7				5	10	7		2	7				9	4	2	7	4	3	
122A. Hernia.	134		4	5	1	4	3				1	6	6		1	2	1			3	2	2	2	1	1	
122B. Intestinal obstruction.	174		6	3		9	4				4	4	1		5	1				6	2		5	3	2	
123. Other diseases of the intestines.	33					4					3		1											2		
124. Cirrhosis of the liver.	170	1	1	2	1	15	4		1	1	2	6	5	1		2	1			2	2		2	2	3	
124A. With mention of alcoholism.	17					3				1		1														
124B. Without mention of alcoholism.	153	1	1	2	1	12	4		1		2	5	5	1		2	1			2	2		2	2	3	
125. Other diseases of the liver.	32					2	1					1	2			1	1				1					
125A. Acute yellow atrophy.	7					1																				
125B. Others under this title.	25					1	1					1	2			1	1				1					
126. Biliary calculi.	107			6	1	11	1			1	2	7	1			1				1	1		2	1		
127. Other diseases of the gall-bladder and bile ducts.	81		1	1		3	1	1		2	1	2	3			3	2			3			1	4		
128. Diseases of the pancreas.	22					2						2	1						1				1			
129. Peritonitis without stated cause.	20				2	1			1			2							1				1	1	2	
CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEMS																										
Total	2542	10	30	33	33	165	28	14	5	19	33	139	63	10	23	23	12	4	10	59	32	8	54	48	32	
130. Acute nephritis.	43		2	1		3	1					2				1				3		2				

TABLE 45—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glenarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
131. Chronic nephritis.....	1810	9	19	21	28	117	14	12	4	16	25	110	49	10	20	16	10	2	10	42	26	4	35	37	27
132. Nephritis unspecified (over 10 years of age).....	104		3			5	4			1	1	7					1	1		2	2	1	6	1	
133. Other diseases of the kidneys and ureters.....	111	1	1	3		7	3				1	4	3			2	1					1	4	3	
134. Calculi of the urinary passages.....	59			1		3					1	3	1										1	3	1
135. Diseases of the urinary Bladder.....	26				1		1			1	1	1	1	1	1					1		1	1		
136. Diseases of the urethra, urinary abscess, etc.....	15					1		1																	
136A. Stricture of the urethra	9					1		1																	
136B. Others under this title..	6																								
137. Diseases of the prostate..	321		4	4	4	24	2	1	1	1	5	12	7	2	3	3	1			7	3		7	4	3
138. Diseases of the male genital organs (non-venereal)	5																								
139. Diseases of the female genital organs (non- venereal).....	48		1	3		5	3						2							4					1
139A. Ovaries, Fallopian tubes and parametria.....	19			2		2	2						2								2				1
139B. Uterus.....	26		1	1		3	1						2							2					
139C. Others under this title..	3																								
CLASS XI.—DISEASES OF PREG- NANCY, CHILDBIRTH AND THE PUERPERAL STATE																									
Total	206		2	4	3	10	5	1		1	6	8	3	1		3				3	1	1	3	2	1
140. Abortion with mention of infection.....	34											2				1					1			1	
140A. Spontaneous, therapeutic or unspecified.....	17											2										1			
140B. Self-induced.....	13														1									1	
140C. Non-therapeutic.....	4																								
141. Abortion without mention of infection.....	9					1	1																		
141A. Spontaneous, therapeutic or unspecified.....	6					1	1																		
141B. Self-induced.....	1																								
141C. Non-therapeutic.....	2																								
142. Ectopic gestation.....	10					1					1												1		
142A. With mention of infec- tion.....	2																								
142B. Without mention of infec- tion.....	8					1					1												1		
143. Hemorrhage of pregnancy —death prior to delivery.....	1																								
143A. Placenta prævia.....	1																								
144. Toxæmias of pregnancy —death prior to delivery.....	18			1	1	3				1											1		1		
145. Other diseases and acci- dents of pregnancy— death prior to delivery.....	2						1																		
146. Haemorrhage of child- birth and the puerpe- rium.....	28		1	3							1	1	1	1											
146A. Placenta prævia.....	8		1	1							1	1	1	1											
146B. Premature separation of placenta.....	2																								
146C. Others under this title..	18			2								1	1	1											
147. Infection during child- birth and the puerpe- rium.....	41				1	1	2					2	1										1		
148. Puerperal toxæmias—fol- lowing delivery.....	34		1			2	1				4	1	1				2				1		1	1	1
148A. Puerperal eclampsia.....	23					1	1				4	1	1				1						1	1	1
148B. Puerperal albuminuria and nephritis.....	6					1											1						1		
148C. Acute yellow atrophy of liver.....	3																				1			1	
148D. Others under this title..	2		1																						
149. Other accidents of child- birth.....	21					1	1					2									1				

TOWNS AND VILLAGES OF 5,000 AND OVER—ONTARIO, 1942—Continued

Leeds	Lennox	Lincoln	Manitowlin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York		
32	10	28	1	88	10	25	21	13	26	31	32	11	27	27	29	10	6	22	14	48	48	23	32	10	8	60	63	43	73	276	131	
1	2	2	1	1	2	1	2	2	2	2	2	1	3	5	5	3	5	2	1	1	1	3	2	1	4	3	2	2	2	2	2	
2	3	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	2	1	1	3	11	37	133	
1			2		2		2		1			1								2	2	1	3	1	1	2	1		6	19	134	
				1	1					1					1								1				1		2	8	135	
				1																			2	2	1	1			1	7	136	
				1																			2	2	1	1			1	2	136A	
1	1	8		12	1	4	3	1	6	4		1	3	9	1	1	1	7		9	4	4	2	4	4	6	2	6	26	95	137	
									1							1						1									2	138
				1														2		1	2					2	1		6	14	139	
				1														1		1	2					1			3	5	139A	
																		1		1	2					1			3	6	139B	
																			1										3	3	139C	
3		4	1	8		4		2	7	2	4		2	2	1	1	1	4	2	4	3	6	4	2		6	6	6	13	50		
		1	1	1								1								1	1		1				2		5	15	140	
		1		1								1									1	1		1			2		3	6	140A	
																								1					1	6	140B	
																													1	3	140C	
										2																		1		3	141	
										2																		1		1	141A	
																														1	141B	
										1								1					1				1	1		2	141C	
																		1											1	1	2	142
									1														1				1					142A
																		1											1		2	142B
																1																143
																1																143A
1						1		1		1														1							5	144
									1																							145
				3		1				1											1	1		1		1	1	1		7	146	
				1						1												1			1		1			1	146A	
				1																											1	146B
				1		1												1	1		1		1				1	1		5	146C	
		1		3					2	1								2		2	1	2	2			2		1	4	8	147	
1						2		1		1			1		1							1				1	1	1	2	5	148	
						1		1		1			1		1											1	1	1	1	4	148A	
1						1																	1								148B	
																															1	148C
																															1	148D
		2		1							1		1					1				1		1		2		1			4	149

TABLE 45—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haltiburton	Hatton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark		
160C. Others under this title...	173	4	2	1	8	4	2	1	...	1	9	3	...	2	2	...	2	2	3	4	3	1	...	...	
161. Other diseases peculiar to the first year of life...	230	4	5	3	9	4	1	...	3	13	7	1	...	3	1	...	6	5	1	4	2	1	...	...	
161A. Asphyxia (unspecified), atelectasis...	109	2	...	1	3	1	1	...	1	3	4	...	...	...	...	...	2	4	...	...	1	...	...	1	
161B. Infection of the umbilicus, pemphigus and other infections...	18	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
161C. Other specified diseases peculiar to the first year of life...	103	2	4	2	6	3	...	...	2	10	3	1	...	3	1	...	3	1	...	4	1	1	2	2	...
CLASS XVI.—SENILITY																											
Total	366	1	11	1	30	5	6	1	7	13	10	...	1	2	6	11	3	7	8	7	8	7	5	8	8		
162. Senility.....	366	1	11	1	30	5	6	1	7	13	10	...	1	2	6	11	3	7	8	7	8	7	5	8	8		
162A. With dementia.....	35	...	1	1	1	1	...	...	...	...	1	...	...	...	3	...	...	...	...	1	...	1	2	3	...
162B. Without dementia.....	331	1	10	...	29	44	6	1	7	13	9	...	1	2	6	8	...	3	7	7	7	4	6	5	...		
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																											
Total	3069	4	59	39	31	158	68	21	8	21	62	126	55	10	12	39	44	4	25	60	25	27	57	51	43		
163-164. Suicides.....	351	1	6	2	3	18	7	2	1	3	4	14	6	1	...	5	3	1	3	3	4	1	3	10	2		
163. Suicide by poisoning.....	89	2	...	1	6	1	...	3	...	5	...	2	1	...	2	1	...	1	...	2	...	...	...	...	...
163A. By corrosive substances, solid and liquid poisonings.....	45	2	...	1	5	1	...	2	...	3	...	1	...	...	1	...	...	1	...	2	...	...	...	...	...
163B. By poisonous gas.....	44	...	1	...	1	...	...	1	...	2	...	1	...	...	1	...	...	1	...	...	...	...	...	...	...
164. Suicide by other means.....	262	1	4	2	12	6	2	1	4	9	6	1	...	3	2	1	3	2	4	1	1	1	10	2	...		
164A. By hanging or strangulation.....	83	1	1	1	4	2	...	1	1	1	...	...	...	...	3	2	1	2	1	1	3	1	4	...	...
164B. By drowning.....	55	2	...	1	2	...	...	1	3	2	1	...	...	...	3	2	1	2	1	1	...	...	4	1	...
164C. By firearms or explosives.....	75	1	...	2	4	2	...	2	4	3	...	...	...	...	3	2	1	2	1	...	1	...	1	1	...
164D. By cutting or piercing instruments.....	25	...	1	...	1	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
164E. By jumping from high places.....	18	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
164F. By crushing.....	5	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
164G. By other or unspecified means.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
166-168. Homicides.....	54	1	...	...	3	...	...	3	9	...	3	...	3	...	3	...	3	...	1	...	...	...	2	...	...
166. Homicide by firearms.....	18	1	...	...	...	...	...	1	4	...	3	...	3	...	3	...	3	...	1	...	...	...	...	...	...
167. Homicide by cutting or piercing instruments.....	5	...	...	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
168. Homicide by other or unspecified means.....	31	...	...	...	2	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
169-195. Accidental deaths...	2663	3	52	37	28	137	61	19	7	18	55	103	49	9	12	31	41	3	22	56	21	26	52	41	41		
169. Railway accidents (excluding motor vehicles)	148	1	12	1	...	8	1	2	...	4	3	6	2	4	1	...	...	1	...	...	4	1	...	29	...
170. Motor vehicle accidents.....	610	1	2	8	5	32	7	5	1	6	11	49	8	2	4	6	3	1	11	12	1	1	19	10	4		
170A. Collisions with trains.....	66	...	1	1	8	1	...	2	1	7	2	1	1	...	2	...	...	2	...	...	...	...	3	1	...
170B. Collisions with street-cars.....	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
170C. Automobile accidents (excluding trains or street cars)	530	1	2	6	4	24	6	5	1	4	10	42	5	1	3	6	3	1	9	12	1	1	14	9	4		
170D. Motorcycle accidents (excluding automobiles)	9	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
171. Street-car and other road transport accidents.....	36	1	...	...	2	1	...	...	1	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...
171A. Street-car accidents (excluding trains and motor vehicles)	15	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
171B. Others under this title.....	21	1	...	...	1	...	...	...	...	1	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...
172. Water transport accidents.....	103	2	...	1	1	6	...	...	...	7	3	...	...	...	...	...	...	1	3	...	5	4	1	...	...
173. Air transport accidents.....	153	1	6	...	5	...	2	...	16	1	4	...	...	...	23	1	2	7	3	2	...	...	...	...	...
174. Accidents in mines and quarries.....	44	...	...	...	1	13	1	...	1	...	...	...	...	...	2	...	...	...	...	...	1	...	...	...	...

TABLE 45—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark	
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH																										
Total	92	1	3	1	1	...	8	...	1	2	2	2	1	...	2	1	...	1	1	...	3	3	2	...	2	
199. Sudden death.....	9	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1
200. Ill-defined and unknown causes.....	83	...	3	1	1	...	8	...	1	2	2	2	1	1	...	1	1	...	3	3	2	...	1
200a. Ill-defined.....	44	...	1	...	...	...	2	...	1	1	1	...	...	...	...	1	...	...	1	...	3	...	1	...	...
200b. Found dead.....	4	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200c. Unknown or unspecified cause.....	35	...	2	...	...	...	6	...	...	...	1	1	...	...	1	...	...	...	...	...	3	1	...	1	...

CLASSIFICATION OF ACCIDENTAL DEATHS ACCORD

These accidental deaths are classified above according to circumstances involving the

Accidental absorption of poisonous gas.....	50	1	1	...	6	4	...	...	2	...	1	...	1	...	...	1	...	...	1	...	...	2	...	...	...
Accidental burns.....	166	8	3	...	4	8	1	1	1	3	4	3	...	1	...	4	...	...	4	4	1	4	2	...	...
Accidental mechanical suffocation.....	49	2	...	1	4	2	...	...	...	...	...	1	1	1	...	2	...	...	1	...	...	...	1	...	...
Accidental drowning.....	330	7	2	5	17	14	...	2	4	2	15	10	...	1	3	4	...	2	7	1	11	9	5	1	1
Accidental injury by cutting or piercing instruments.....	14	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	1	1
Accidental injury by fall.....	816	12	14	11	41	5	9	2	3	11	19	15	2	3	17	4	...	4	18	11	3	12	17	6	6
Accidental injury by crushing	1011	3	18	14	7	50	22	9	2	10	33	57	14	6	5	6	24	3	15	20	3	8	18	13	32
Accidents due to electric currents.....	16	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...

TABLE 46—DEATHS FROM CERTAIN CAUSES IN TOWNS AND VILLAGES OF 1,000 POPULATION AND UNDER 5,000, ONTARIO, 1942.

Detailed information regarding the above cities on file in the Registrar-General's Branch will be furnished upon receipt of a written request.

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1942

Leeds	Lennox	Lincoln	Manitowlin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York
1		4		6		2		1	1					2	4	1	1	3		1	3	2	6	1		6	3		3	7
		1		1											3															199
1		3		5		2		1	1					2	1	1	1	3		1	3	2	6	1		6	3		3	7
		3		3				1	1					1	1		2		1	1	1	1				6	1		3	7
																					1					1				200
1				2		2								1	1	1	1	1			1	1	6	1			1			200c

ING TO THE NATURE OF INJURY

accident under rubrics 169 to 176, 178, 180, 181, 182, 183, 185, 186, 187 and 193.

		2		1	1								2							3		1		1		1	3	1	1	14
2		1		3	2	1	6	1				2	5	2	1	1		6		5		10	4	2	2	2	5	3	3	41
2		1		2			2		2			2		1	1							1	1				1		1	13
5	1	9	1	3	12	7	3		2	1	6	2		5			5	2	1	43	5	18	15	8	2	2	16	3	6	22
1							1				1													1	1	1	1			3
11	2	18	1	33	2	1	8	8	14	13	2	9	29	17	5	1	1	12		21	7	14	14	3	14	22	20	10	56	209
11	7	22	3	32	1	16	12	7	11	17	8	7	17	4	7	8	5	27		33	11	29	38	15	8	11	36	4	65	147
												1			1					2	1	1		1	1		1		1	1

TABLE 47—MATERNAL MORTALITY IN CITIES, TOWNS AND VILLAGES
OF 5,000 POPULATION AND OVER, ONTARIO, 1942.

(As of Census Year 1941)

Cities, Towns and Villages (5,000 population and over)	Total.		Institutional		Non-institutional	
	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes
Barrie.....	440	2	405	2	35	...
Belleville.....	926	1	899	1	27	...
Brampton.....	321	...	310	...	11	...
Brantford.....	926	3	837	3	89	...
Brockville.....	467	1	456	1	11	...
Chatham.....	1,041	3	961	2	80	1
Cobourg.....	196	1	169	1	27	...
Collingwood.....	287	...	241	...	46	...
Cornwall.....	735	3	627	3	108	...
Dundas.....	10	...	...	...	10	...
Eastview.....	135	...	...	...	135	...
Forest Hill.....	2	...	...	...	2	...
Fort Erie.....	267	3	250	3	17	...
Fort Francis.....	210	...	173	...	37	...
Fort William.....	652	1	609	1	43	...
Galt.....	429	...	390	...	39	...
Guelph.....	334	2	303	2	31	...
Hamilton.....	4,333	11	4,090	9	243	2
Hawkesbury.....	293	1	136	1	157	...
Ingersoll.....	178	1	158	1	20	...
Kenora.....	240	...	235	...	5	...
Kingston.....	1,215	3	1,158	3	57	...
Kitchener.....	1,230	5	1,131	5	99	...
Leamington.....	225	...	147	...	78	...
Leaside.....	2	...	...	...	2	...
Lindsay.....	389	...	370	...	19	...
London.....	2,096	7	1,983	7	113	...
Long Branch.....	32	...	...	...	32	...
Midland.....	270	1	232	1	38	...
Mimico.....	55	...	5	...	50	...
New Toronto.....	58	...	4	...	54	...
Niagara Falls.....	722	2	703	2	19	...
North Bay.....	445	3	363	3	82	...
Orillia.....	406	1	359	1	47	...
Oshawa.....	768	4	695	4	73	...
Ottawa.....	4,328	10	3,969	10	359	...
Owen Sound.....	478	1	398	1	80	...
Parry Sound.....	481	4	434	4	47	...
Pembroke.....	514	3	417	3	97	...
Peterborough.....	1,047	1	986	1	61	...
Port Arthur.....	879	2	870	2	9	...
Port Colborne.....	163	...	...	...	163	...
Port Hope.....	140	1	137	1	3	...
Preston.....	27	1	9	1	18	...
Renfrew.....	211	1	181	...	30	1
St. Catharines.....	1,089	4	966	3	123	1
St. Thomas.....	656	5	641	5	15	...
Sarnia.....	598	1	562	1	36	...
Sault Ste. Marie.....	859	1	725	1	134	...
Simcoe.....	430	...	419	...	11	...
Smiths Falls.....	221	...	203	...	18	...
Stratford.....	459	2	438	2	21	...
Sudbury.....	1,829	4	1,225	4	604	...
Swansea.....	7	...	...	...	7	...
Thorold.....	82	...	70	...	12	...
Timmins.....	1,011	...	478	...	533	...
Toronto.....	14,036	47	12,813	40	1,223	7
Trenton.....	95	...	...	...	95	...
Trenton.....	33	...	...	...	33	...
Waterloo.....	728	1	683	1	45	...
Welland.....	177	...	101	...	76	...
Weston.....	21	...	2	...	19	...
Whitby.....	3,202	8	2,817	7	385	1
Windsor.....	400	1	372	1	28	...
Woodstock.....	400	1	372	1	28	...
Total cities, towns and villages of 5,000 and over.....	54,536	159	48,315	146	6,221	13
Remainder of Province.....	23,656	47	8,492	21	15,164	26
Grand total.....	78,192	206	56,807	167	21,385	39

TABLE 48—DEATHS FROM TUBERCULOSIS, BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE, 1942.

Rates per 100,000 Population.

Counties (Exclusive of Cities, Towns and Villages of 5,000 and over.)	Place of Occurrence		Place of Residence		Cities, Towns and Villages of 5,000 and over. (As of Census Year, 1941)	Place of Occurrence		Place of Residence	
	Number	Rate	Number	Rate		Number	Rate	Number	Rate
Algoma	7	26.6	12	45.6	Barrie	1	9.9		
Brant	25	101.7	9	36.6	Belleville	4	26.7		
Bruce	3	7.1	9	21.4	Brampton	3	9.2		
Carleton	3	8.0	12	31.8	Brantford	3	28.4		
Cochrane	29	55.1	43	81.7	Brockville	2	11.5		
Dufferin	3	21.1	4	28.1	Chatham	1	18.0		
Dundas	1	6.1	1	6.1	Cobourg	9	65.7		
Durham	1	3.5	2	6.9	Collingwood	1	15.8		
Elgin	2	3.5	11	19.1	Cornwall	1	65.7		
Essex	2	3.5	4	17.7	Dundas	1	12.2		
Frontenac	17	89.9	0	47.6	Eastview	1	14.1		
Glengarry	2	12.4	5	31.0	Forest Hill	1	36.9		
Grenville	4	9.1	10	22.7	Fort Erie	1	18.5		
Grey	4	9.1	4	18.1	Fort Francis	52	174.2		
Haldimand	1	3.5	5	17.4	Fort William	1	6.7		
Haliburton	1	2.5	4	10.1	Galt	1	4.3		
Halton	3	6.8	11	24.9	Guilph	1	6.7		
Hastings	1	3.5	4	14.1	Hamilton	18	10.7		
Huron	3	6.8	11	24.9	Hawkesbury	3	49.0		
Kenora	16	97.8	21	128.3	Ingersoll	4	52.4		
Kent	2	4.0	13	26.2	Kenora	12	37.9		
Lambton	1	2.5	4	10.1	Kingston	2	5.6		
Lanark	2	7.7	4	15.4	Kitchener	1	17.8		
Leeds	4	15.5	8	31.0	Leamington	1	17.8		
Lennox and Addington	15	45.3	4	12.1	Leaside	2	25.7		
Lincoln	10	91.3	12	109.6	Lindsay	10	12.5		
Manitoulin	79	162.3	13	26.7	London	21	26.3		
Middlesex	57	258.5	3	13.6	Long Branch	3	56.4		
Muskoka	2	7.2	0	32.4	Midland	1	15.5		
Nipissing	2	6.7	5	16.8	Mimico	3	30.6		
Norfolk	2	6.7	0	16.8	New Toronto	6	29.8		
Northumberland	3	11.8	6	23.5	Niagara Falls	1	6.3		
Ontario	53	161.0	4	12.0	North Bay	1	10.5		
Oxford	6	25.1	7	21.3	Orillia	1	10.5		
Parry Sound	1	3.0	1	45.9	Oshawa	2	7.4		
Peel	1	3.0	2	7.7	Ottawa	82	51.7		
Perth	1	5.0	4	21.1	Owen Sound	3	22.1		
Peterborough	1	5.2	4	20.1	Parry Sound	2	31.1		
Prescott	6	35.5	8	25.8	Pembroke	1	8.8		
Prince Edward	3	21.6	7	47.3	Peterborough	2	7.2		
Rainy River	6	15.5	17	50.4	Port Arthur	4	16.0		
Renfrew	1	5.7	2	31.0	Port Colborne	1	20.3		
Russell	8	14.4	10	11.4	Port Hope	1	14.9		
Simcoe	1	3.6	4	18.0	Preston	3	9.2		
Stormont	8	16.9	4	14.5	Renfrew	2	11.2		
Sudbury	5	16.1	20	42.2	St. Catharines	4	22.4		
Thunder Bay	30	58.7	25	80.3	St. Thomas	1	3.8		
Timiskaming	2	10.9	4	43.1	Sarnia	1	3.8		
Victoria	16	49.0	3	21.7	Sault Ste. Marie	1	16.1		
Waterloo	3	7.5	0	9.2	Simcoe	3	40.2		
Welland	2	5.4	2	22.4	Smiths Falls	4	23.5		
Wellington	117	329.5	7	5.4	Stratford	5	14.6		
Wentworth	129	55.0	37	16.9	Sudbury	1	43.9		
York	1	9.7	2	15.8	Swansea	1	18.6		
Patricia	1	9.7	19	19.3	Thorold	4	14.2		
Outside of Ontario	8	...	8	...	Timmins	81	12.1		
					Toronto	1	10.7		
					Trenton	1	6.7		
					Waterloo	1	16.2		
					Welland	2	32.5		
					Weston	39	34.6		
					Whitby	7	54.9		
					Windsor	2	15.7		
					Woodstock	5	...		
					Outside of Ontario	...	...

DEPARTMENT OF HEALTH

Eighteenth Annual Report

OF THE

Department of Health

Ontario, Canada

FOR THE YEAR

1942

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 14, 1943



ONTARIO

TORONTO

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

1 9 4 3

TO THE HONOURABLE ALBERT MATTHEWS, LL.D.,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Eighteenth Annual Report of the Department of Health, for the year, 1942.

Respectfully submitted,

HAROLD J. KIRBY,
Minister of Health.

TO THE HONOURABLE HAROLD J. KIRBY, K.C.,
Minister of Health.

SIR,—I have the honour to submit for your approval the Eighteenth Annual Report of the Department of Health, made in conformity with and under the provisions of The Public Health Act, for the year 1942.

I have the honour to be, Sir,

Your obedient servant,

B. T. MCGHIE,
Deputy Minister of Health.

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DEPARTMENT OF HEALTH

Minister

HONOURABLE HAROLD J. KIRBY, K.C.,

Deputy Minister

B. T. McGHIE, M.D.

John T. Phair, M.B., D.P.H. Chief Medical Officer

Solicitor to Department

{ K. G. Gray, K.C., M.D., on Active Service
F. T. Egener, on Active Service
S. A. Shoemaker, K.C., acting

Medical Statistics

{ A. H. Sellers, M.D., D.P.H., on Active Service Director
L. S. Penrose, M.A., M.D., acting

Child Hygiene and Public Health Nursing

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

Epidemiological Services

H. A. Ansley, M.D., D.P.H., on Active Service. Epidemiologist
R. P. Hardman, M.D., D.P.H. Associate Epidemiologist
W. N. Turpel, M.D., D.P.H. Associate Epidemiologist

Tuberculosis Prevention

G. C. Brink, M.B. Director
K. M. Shorey, M.D. Clinical Specialist
J. S. Hazen, M.B., on Active Service. Clinical Specialist
S. A. Holling, B.A., M.D. Clinical Specialist
J. F. Milner, M.D., on Active Service. Clinical Specialist
A. Forsberg, M.D. Clinical Specialist
..... North-Western Ontario Clinic, Fort William
G. G. Brearley, M.D. Mid-Eastern Ontario Clinic, Belleville
D. McCallum, M.B. Eastern Ontario Clinic, Ottawa
G. B. Lane, M.D. Northern Ontario Clinic, Timmins
..... Mid-Northern Ontario Clinic, North Bay
F. D. Beauchamp. Accountant

Venereal Disease Control

W. H. Avery, M.D. Director
A. J. Bromley, M.D., on Active Service. Clinical Specialist
W. F. Campbell, M.D. Clinical Specialist

Sanitary Engineering

A. E. Berry, M.A.Sc., C.E., Ph.D.....	Director
A. V. DeLaporte, B.A.Sc., Chem. E., F.C.I.C.....	
.....	Chemical Engineer in charge of Experimental Station
G. A. H. Burn, B.A.Sc.....	Associate Sanitary Engineer
O. V. Ball, B.A.Sc.....	Senior Sanitary Engineer
E. W. Johnston, B.A.Sc.....	Senior Sanitary Engineer
A. T. Byram, B.A.Sc.....	Senior Sanitary Engineer
G. M. Galimbert, B.A.Sc.....	Senior Sanitary Engineer
J. G. Duncan, B.A.Sc.....	Assistant Chemist
H. G. Tyler, A.R.San.I., C.S.I.(C.).....	Sanitary Inspector
L. A. Kay, M.A.Sc., on Active Service.....	Sanitary Engineer
J. K. Curtis, M.A.Sc., on Active Service.....	Sanitary Engineer

Laboratories

Andrew L. MacNabb, B.V.Sc.....	Director
A. R. Bonham, B.A.Sc., F.C.I.C.....	Provincial Analyst
W. B. McClure, M.D., D.P.H.....	Senior Bacteriologist
E. L. Barton, M.D.....	Bacteriologist
{ S. F. Penny, M.D., on Active Service.....	Pathologist
{ S. A. Creighton, M.D., acting.....	
J. W. Bell, M.B.....	Assistant Bacteriologist
J. E. Fasken, B.A.Sc.....	Assistant Analyst

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. H. Orr, M.D., Director.....	Government Building, Kingston
{ A. D. McClure, B.A., Director, on Active Service.....	North Bay
{ W. J. A. Percy, M.A., acting.....	
A. E. Allin, M.D., D.P.H., Director.....	Fort William
N. F. W. Graham, B.A., M.B., Director.....	Sault Ste. Marie
C. B. Waite, M.D.....	Peterborough
F. L. Letts, M.B., D.P.H., Director.....	Ottawa
Lorne Whitaker, M.D., Director.....	St. Catharines
J. B. McKay, M.D., Director.....	Belleville

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
W. H. Cruickshank, M.D., D.P.H.....	Clinical Specialist
C. H. Wilson, M.D., D.P.H.....	Clinician
G. M. Parker, M.D.....	Clinician
H. E. Rothwell, B.A.Sc., F.C.I.C.....	Chemist
C. M. Jephcott, M.A., Ph.D., F.C.I.C., A.I.C.....	Assistant Chemist
L. B. Leppard, M.A., Ph.D., on Active Service.....	Physicist
R. G. Elson, M.A.....	Physicist
D. S. McKee, C.S.I. (C.).....	Chief Sanitary Inspector
J. Richardson, Sanitary Inspector.....	North Bay
John Sime, A.R.San. I., Sanitary Inspector.....	Fort William
R. B. McCauley, Sanitary Inspector.....	Sault Ste. Marie
Hugh McIntyre, A.R.San.I., Sanitary Inspector.....	Kirkland Lake

G. H. Powell, C.S.I. (C.), Sanitary Inspector.....	Fort William
D. E. Moore, Sanitary Inspector.....	Sudbury
{ Nelson Laxton, C.S.I., Sanitary Inspector.....	Geraldton
{ O. S. Fyfe, C.S.I., Sanitary Inspector	Geraldton
J. S. Pye, Sanitary Inspector.....	
A. S. O'Hara, M.R.San.I., C.S.I. (C.), Sanitary Inspector, on Active Service	}
S. Harris, C.S.I.(C.), Sanitary Inspector, on Active Service	
W. L. Smith, Sanitary Inspector, on Active Service	

Dental Services

{ F. A. Kohli, D.D.S., on Active Service	Director
{ H. J. Hodgins, D.D.S., Acting.....	

Nurse Registration

A. M. Munn, Reg.N.....	Director
{ E. R. Dick, Reg.N., on Active Service	Inspector of Training Schools for Nurses
{ H. Bennett, Reg.N., acting	

North-Western Ontario Health District

A. L. McKay, M.B., D.P.H., on Active Service

Honourary Consultants

Pediatrics	Alan Brown, B.A., M.D.,
Dental Services	Harold Keith Box, D.D.S.
Pathology.....	James Miller, F.R.C.S. (Edin.), M.D.
Public Health Nursing.....	Miss Elizabeth Smellie, C.B.E., Reg.N.
Obstetrics	William A. Scott, M.B., F.R.C.S. (Can.)
Nutrition.....	E. W. McHenry, M.A., Ph.D., F.R.S.C.

ANNUAL REPORT

of the

Department of Health

For the Calendar Year Ending December 31st, 1942

PUBLIC HEALTH ADMINISTRATION

J. T. PHAIR, M.B., D.P.H., *Chief Medical Officer of Health.*

The year 1942 presented in increasing magnitude the problem of extending a reasonable minimum of service with a falling number of experienced personnel. Many areas of the Province are not only suffering from lack of health officers but a concomitant shortage of medical care. This is particularly true in the more sparsely settled portions of the Province. To meet this situation a modification of the plan found to be effective in comparable areas in Western Canada, namely, the municipal physician, has been experimentally introduced. Statutory authorization of the service extended by the resident physician on St. Joseph's Island was granted by the Legislature at its 1942 Session. This plan permits the municipalities concerned to pay from tax-raised funds for reasonable medical and surgical care on a salary basis. This plan is limited to the area defined in the enabling Bill. A more or less comparable programme has been introduced as a war emergency measure by the Ontario Division of the Canadian Red Cross Society, the Society underwriting the salary of the employed physician and the subscribing municipalities agreeing to raise the funds necessary to meet the costs of the service by voluntary assessment of residents. As might be expected, difficulty has been found in securing medical men to meet the demands of the communities interested in a project of this kind. There would appear to be no justification for an extension of a scheme of this type into Southern Ontario despite the arguments advanced by its proponents.

A different approach to an identical problem has been on trial under Government auspices in a selected area in Muskoka, where nurses with public health experience are attempting to supplement the meagre medical service available to the area by extending bedside care to the residents and attempting to pass judgment on the significance of the medical needs of the residents of the district, at the request of the physicians who attempt to serve these communities. This project likewise must be considered as an experiment.

Mention might rightly be made of the efforts of two female physicians to meet the health and medical care needs of the people of Haliburton County. These two young women, Dr. Agnes Jamieson and Dr. Marjory Mosbaugh, serve a population of from 5,000-6,000 people scattered over an area of approximately 800 square miles; much of it not too well served by highways during the winter season. Despite the inadequacy of the remuneration received they are doing a distinctly better-than-average job as health officers.

The present situation is further complicated by the demands on the part of the public for increased services. It is an interesting anomaly that the promotional efforts of health workers are received indifferently in times of peace but in times of disaster, popular interest in the health and well-being of the citizenry is readily aroused. Anticipating such a demand for official leadership in newer fields of public health, the Honourable the Minister called together representatives of all agencies with an actual or potential interest in better nutrition. The result of this conference was the formation of a Provincial Nutrition Committee. The primary purpose of this Committee was to correlate the efforts of all agencies actually engaged in this field and to direct other

organizations as to how best they might aid in such a project. It was hoped that public confusion might be avoided by uniformity of approach and by the distribution of the instructional and informative material that was both scientifically and pedagogically sound. This Committee has, it is hoped, served a useful purpose although on occasion it has been compelled to diverge from its original objectives.

The present concern exhibited by the Federal Government in the matter of so-called health insurance will precipitate the Provincial Government formally into the field of socialized medicine. The Department of Health has been appreciative of the possible early introduction of some plan designed to more adequately meet the reasonable medical care of all of the people and its officers have pressed for the inclusion in such a plan of provision whereby the family physician will be required to accept his responsibilities in that phase of medicine which is primarily preventive in character. The acceptance by the representatives of organized medicine of such recommendations has been more than favorable and it is hoped that those responsible for the drafting of the necessary implementing legislation will give the matter the consideration its importance warrants and in so doing lend the necessary fillip to the promotion of a more logical approach to the task of meeting the health needs of the Canadian people.

If the above project goes forward to fruition then the solution of the problem of a more effective unit of local health administration becomes imperative. No satisfactory approach to an acceptable health service, using the term in its broadest sense, can be made with the present antiquated method of municipal autonomy in health affairs.

I regret to report the passing of the following medical officers of health, many of whom had faithfully served the communities in which they lived for many years:

Dr. F. S. Ruttan, Woodstock.	Dr. E. W. Brown, Neustadt.
Dr. W. G. Reive, Welland.	Dr. J. P. Sinclair, Gananoque.
Dr. W. S. Millyard, Cobocok.	Dr. A. Downing, Carleton Place.
Dr. L. A. Dupont, Kapuskasing.	Dr. J. J. Sheahan, Chapleau.
Dr. H. R. Lindsay, Woodstock.	Dr. R. B. King, Newboro.
Dr. T. T. McRae, Brussels.	Dr. W. Gibson, Wolfe Island.
Dr. H. G. F. Blair, North Gower.	Dr. J. M. Robb, Blind River.
Dr. J. Adams, Denbigh.	

The following retired from office during the year:

Dr. J. S. Hogg, Preston.	Dr. C. Jessop, Levack.
Dr. G. McPherson, Mount Albert.	Dr. J. N. Smith, Noelville.
Dr. R. L. Stewart, Wingham.	Dr. F. G. Davis, Flinton.
Dr. I. G. Smillie, Hensall.	Dr. R. Taft, Marmora.
Dr. W. E. Park, Brownsville.	Dr. D. A. Forsythe, Hillsdale.
Dr. H. A. Turner, Millbrook.	Dr. A. J. Watt, Port Elgin.
Dr. J. A. Addison, Zurich.	Dr. J. H. McCracken, Hagersville.
Dr. E. Brunet, Cochrane.	Dr. J. R. Card, Ayton.
Dr. O. C. Powers, Burford.	Dr. J. A. Crozier, Port Arthur.
Dr. F. R. Donnelly, Lion's Head.	Dr. A. L. Hore, Markham.
Dr. J. H. White, Fort William.	Dr. E. Smith, Baysville.
Dr. C. F. Abbott, Forest Hill.	

During the year the following health officers enlisted in the Armed Forces:

Dr. A. S. Dunton, Paris.
Dr. A. J. Skelly, Pembroke.
Dr. H. O. Lough, Kincardine.
Dr. J. M. Fleming, Bala.
Dr. F. H. Wilson, Englehart.
Dr. J. Finley, Meaford.
Dr. L. V. Shier, Lindsay.
Dr. P. A. Voelker, Waterloo.
Dr. R. W. Rankin, Tillsonburg.

Dr. A. Collins, Fort Erie North.
Dr. W. Shirton, Waterford.
Dr. R. F. Malo, Field.
Dr. J. E. Williams, St. Marys.
Dr. A. B. Clayton, Chesterville.
Dr. B. R. Sussman, Warren.
Dr. C. I. Scott, Orangeville.
Dr. R. N. Simpson, Manitowaning.
Dr. L. H. Carroll, Haliburton.
Dr. S. Pugh, Garson.

REPORT OF THE SOLICITOR

K. G. GRAY, K.C., M.D., *Solicitor to the Department.*

The following legislation was passed by the Legislative Assembly in the 1942 Session:

The following Acts were amended:—

The Dentistry Act—Chapter 8.

The Medical Act—Chapter 26.

The Public Health Act—Chapter 31.

The Public Hospitals Act—(Contained in *The Statute Law Amendment Act*—Chapter 34, Section 28).

The following was new legislation:—

An Act respecting the Medical and Surgical Care of the Residents of St. Joseph's Island—Chapter 32.

The Venereal Diseases Prevention Act, 1942—Chapter 38, the former Act having been repealed.

On the recommendation of the Minister of Health, regulations and amendments to regulations under the following Acts were approved by the Lieutenant-Governor in Council:—

The Optometry Act—Order-in-Council, dated June 15th.

The Private Hospitals Act—Order-in-Council, dated May 1st.

The Public Health Act—Order-in-Council, dated January 29th—For the Prevention and Mitigation of Psittacosis.

The Public Hospitals Act—Orders-in-Council, dated February 27th, March 18th (2), May 1st, June 15th, September 1st and October 2nd.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 27th day of February, A.D., 1942

Upon the recommendation of the Honourable H. C. Nixon, Acting Minister of Health, the Committee of Council advise that pursuant to section 4, of *The Public Hospitals Act, R.S.O., 1937*, Chapter 390, the regulations made thereunder be amended by adding thereto the following section:

32a. Any person who has been admitted to any hospital for treatment or observation' shall, after such treatment or observation has been completed, or when discharged' immediately leave the hospital premises, and any person who refuses to leave the hospital premises when requested by the superintendent, shall be guilty of an offence.

Certified,

C. F. BULMER,

Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 18th day of March, A.D., 1942.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Regulations under *The Public Hospitals Act* be amended by adding immediately after Section 44, Section 44a as follows:—

44a. "The foregoing section shall not apply in the case of a patient in the post-menopausal period."

Certified,

C. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 18th day of March, A.D., 1942.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Regulations under *The Public Hospitals Act, R.S.O., 1937*, Chapter 390, be amended as follows:—

That Section 3, clause (b) be amended by deleting the word "board" in the second line of the clause and substituting therefor the word "committee" so that the clause will read "(b) The appointment of and prescribe the functions of a medical and surgical advisory committee and a medical and surgical staff (referred to in these regulations as 'the medical staff')."

That the regulations be amended by adding Section 3d thereto as follows:—

Section 3d. Notwithstanding any provision of the by-laws of any hospital, or any provision of any general or special act under which any hospital was created, established, or incorporated, the words "medical and surgical advisory board" where they appear therein shall mean "medical and surgical advisory committee."

That section 34, subsection (1) be amended by adding after the word "tonsil" in the seventh line thereof, the word "appendix."

That sections 52 to 54 be repealed, including the heading "Hospital Employees," and that the following be substituted therefor:—"Section 52. In regulations numbered 53 and 54 an employee shall mean any person employed by the hospital whose duty brings him or her in direct contact with patients or with patients' food, and without limiting the generality of the foregoing, shall include internes, nurses, dietitians, student nurses, maids, orderlies, technicians and masseurs.

Section 52a. Every student nurse, undergraduate interne and under-graduate technician now or hereafter employed on the temporary or permanent staff of any hospital, shall receive a complete physical examination upon entering the employ of the hospital and at least once each year thereafter.

Section 53. For the purpose of these regulations, hospital employees are divided into Group I and Group II.

Section 54. Group I employee shall include:

- (a) Graduate nurse.
- (b) Student nurse.
- (c) Graduate interne.
- (d) Undergraduate interne.
- (e) Graduate Physiotherapist.
- (f) Graduate Occupational Therapist.
- (g) Nurses' assistants and orderlies.

Section 54a. (1) Every Group I employee upon entering the employ of any hospital shall receive a tuberculin test.

(2) Every Group I employee who is deemed to have a negative tuberculin reaction, shall receive an additional tuberculin test within six months from the date of the first test and shall receive an additional test within six months from the date of each such test where the result of the test is negative.

(3) Every Group I employee who is found to have a positive tuberculin reaction, shall receive forthwith an X-ray examination of the lungs.

(4) Every Group I employee whose X-ray film shows evidence of abnormal shadowing shall forthwith receive further examination to determine the nature of the disease.

(5) The tuberculin test referred to in the preceding subsections, shall be carried out in a manner approved by the Division of Tuberculosis Prevention, of the Department.

Section 54b. Group II employee shall include graduate and undergraduate dietitians and all other staff employed as food handlers, or in hospital kitchens, clinics, and all other staff engaged in ward duties.

Section 54c. (1) Every Group II employee shall receive an X-ray examination of the lungs forthwith upon entering the employ of a hospital.

(2) Every Group II employee whose X-ray film shows evidence of abnormal shadowing shall receive forthwith further examination to determine the nature of the disease.

Section 54d. Any Group I or Group II employee who is found to be suffering from active tuberculosis shall not be permitted to work in the hospital, and it shall be the duty of the superintendent to report the case within 24 hours to the Medical Officer of Health of the municipality in which the hospital is situated.

Section 54e. It shall be the duty of any physician who believes or suspects that any person admitted to the hospital is suffering from tuberculosis to notify the superintendent forthwith, that such person is believed or is suspected to be suffering from tuberculosis.

Section 54f. No nurse-in-training shall be detailed to care for a patient believed or suspected to be suffering from tuberculosis until she has received instruction as to the necessary technique to protect herself and others against infection."

Certified,

C. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 1st day of May, A.D., 1942.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Regulations under *The Public Hospitals Act, R.S.O., 1937*, Chapter 390, as amended by Order-in-Council, dated March 18, 1942, be further amended by deleting sub-section (3) of Section 54a and substitute therefor the following:—

"(3) Every Group I employee who is found to have a positive tuberculin reaction shall receive an X-ray examination of the lungs forthwith and every six months thereafter."

Certified,

C. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 1st day of May, A.D., 1942.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Regulations under *The Private Hospitals Act, R.S.O., 1937*, Chapter 391, be amended by adding after the word "tonsil" in Section 13 of the Regulations the word "appendix."

Certified,

C. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 2nd day of October, A.D., 1942.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Regulations enacted under the authority of Section 4 of *The Public Hospitals Act* by Order-in-Council on the following dates:—

Nov. 30, 1938; Jan. 17, 1939; June 27, 1939; Oct. 20, 1939; Dec. 6, 1939; Aug. 19, 1940; Oct. 24, 1940; Jan. 11, 1941; Feb. 27, 1942; Mar. 18, 1942 (as amended May 1, 1942); June 15, 1942; Sept. 1, 1942, be re-enacted for the purpose of consolidation.

Certified,

C. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 15th day of June, A.D., 1942.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Regulations under *The Public Hospitals Act, Chapter 390, R.S.O., 1937*, be amended by adding to clause (a) in Section 39 the following words: "or the patient's attending physician."

Certified,

C. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 15th day of June, A.D., 1942.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Regulations approved by Order-in-Council on the 27th day of January, 1937, and amended by Order-in-Council on the 20th day of October, 1939, under the authority of *The Optometry Act, R.S.O. 1937*, Chapter 246, be further amended by adding to Regulation 8 the following subsection:—

(4) The Board may, during the duration of the war renew and keep renewed without the necessity of the annual renewal application or the payment of the annual renewal fee, the certificate of registration or exemption of any registrant, who satisfies the Board that he is on active service, and while he is on active service, and who undertakes to notify the Board as soon as he retires from active service.

Certified,

C. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 1st day of September, A.D., 1942.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Regulations under *The Public Hospitals Act, R.S.O., 1937*, Chapter 390, be amended by adding thereto the following:—

"3E. Notwithstanding any provision of the by-laws of any hospital or any provisions of any general or special Act under which any hospital was created, established or incorporated, the Board shall have full power and authority.

(a) To suspend and dismiss at any time any member of the medical staff of such hospital upon the recommendation or with the consent of the Medical and Surgical Advisory Committee."

Certified,

C. F. BULMER,
Clerk, Executive Council.

REGULATIONS FOR THE PREVENTION AND MITIGATION OF PSITTACOSIS

Being Regulations of the Department of Health of Ontario made under the authority of *The Public Health Act, R.S.O., 1937*, Chapter 299 and approved by the Lieutenant-Governor-in-Council on the 29th day of January, 1942.

1. In these regulations:
 - (a) "Owner" shall include every person for the time being in control of any psittacine bird;
 - (b) "Psittacine bird" shall mean parrot, parrakeet, love bird or budgerigar, and every other bird declared a psittacine bird by the Minister of Health.
2. Every owner, including dealers and breeders, shall report to the Medical Officer of Health of the municipality in which he resides the number of psittacine birds under his control and the address of the premises where such birds are kept, together with such other information as the Medical Officer of Health shall require.
3. Every dealer and every breeder of psittacine birds shall register with the Department of Health his name and address and the address of the premises where he keeps psittacine birds and shall disclose to the Department of Health upon request any information available to him as to the sources from which he secures or has secured any psittacine bird, and shall upon request give a record of the disposal by him of any psittacine bird.
4. Every dealer and every breeder of psittacine birds shall keep a record of the source from which he secured any psittacine bird and a record of the disposal of any psittacine bird and shall report immediately such sale or transfer to the Medical Officer of Health. Further, every such dealer and breeder shall provide for the identification of psittacine birds by banding with a closed band every young psittacine bird coming into his possession.
5. After October 1st, 1941, no owner shall sell or otherwise dispose to any other person a psittacine bird which is not banded with a closed band.
6. Birds born on and after January 1st, 1942, must bear the band distributed by the Ontario Department of Health.
7. Every owner of a psittacine or other bird which is infected with psittacosis, or is a carrier thereof or which has at any time been kept on the same premises as a psittacine bird which was infected with psittacosis or which was a carrier thereof shall deliver such bird to the Medical Officer of Health to be disposed of by the Medical Officer of Health in such manner as the Medical Officer of Health shall determine.
8. No breeder of psittacine birds shall permit colony breeding.
9. The Medical Officer of Health or other person appointed by him in writing for that purpose, may enter in and upon any house, out-house or premises, at any time, for the purpose of making enquiry and examination with respect to the health of any psittacine or other bird known or suspected to be therein and may cause the destruction of every psittacine or other bird found to be infected or believed to be infected with psittacosis and may cause the destruction of any or every psittacine or other bird that has been in the same premises and may cause the cages and utensils which have been used by such bird to be disinfected.
10. Every breeder or dealer of psittacine birds shall deliver at any time upon request of the Medical Officer of Health or any other person appointed by him in writing, for the purpose of laboratory investigation, ten per cent. of the birds in his control.

DIVISION OF MEDICAL STATISTICS

A. H. SELLERS, M.D., D.P.H., *Director.*

Extended leave of absence for service with His Majesty's Forces (R.C.A.F.) was granted to Dr. A. Hardisty Sellers, Director of the Division of Medical Statistics, on November 12, 1940. C. Roger Myers, M.A., Ph.D., became Acting Director, following Dr. Sellers' absence, and on November 15th, 1941, was also granted leave of absence for service overseas. The remaining staff, under the part-time direction of Dr. L. S. Penrose, of the Ontario Hospital, London, are endeavouring to carry on the regular work of the Division in much the same way as in previous years, comprising the collection, analysis and reporting of statistical information relating to public health in Ontario. The work of this Division may be divided into four classes—Statistical Analysis relating to Mental Hospitals, Public Hospitals, Cancer Control, and Special Problems. A more detailed explanation of this work follows:

1. MENTAL HOSPITAL STATISTICS.

(a) *Monthly Surveys and Reports.*

Monthly statements relating to the movement of patient population, accidents, etc., are submitted to the Division by each Ontario Hospital. From these statements are compiled monthly reports indicating the trend of the patient population—whether the patient population has increased or decreased as compared with the same period during the previous years, together with a periodic analysis of admission, discharges, etc., and surveys concerning bed occupancy.

(b) *Annual Report.*

Each Ontario Hospital also submits an annual report comprising some 30 statistical tables concerning the movement of the hospital population during the year. Synthesis of these reports together with other information dealing with dental, laboratory, nursing and X-ray services comprises the annual report for mental hospitals.

(c) *Mental Health Clinics.*

As in previous years the coding and tabulation of the individual Mental Health Clinic records was carried on by the Division. This year each clinic has submitted a uniform statistical report in much the same manner as do the Ontario Hospitals. The results of this analysis will be found in the Annual Report of the Hospitals Division for the year ending March 31, 1942.

(d) *Mental Hospital Index.*

Alphabetical indexes covering all males and females between the ages of 16 and 44 years, who have been patients in Ontario Mental Hospitals, or who have been examined by Ontario Mental Health Clinics, which were commenced in November, 1939, have been continued. These indexes provide a complete record of all persons and are readily available to the National Defence authorities.

2. SURVEY OF PUBLIC GENERAL HOSPITALS.

The Survey of Public General Hospitals in Ontario which was commenced in 1936, involved a review of general and financial statistics on hospitalization

in the Province and an analytical study of the records of 70,000 hospital patients. This survey was presented in four parts. Part II, "General Statistics," and Part III, "Financial Statistics," were issued in 1939. Part IV, "Special Morbidity Studies," and Part V, "Hospital Morbidity and Its Causes," were issued in 1940. Part I, "Summary," which contains an index to the whole survey has now been completed.

3. CANCER STATISTICS.

(a) *Cancer Clinics.*

The collection and tabulation of statistical information concerning Cancer Control has been one of the foremost responsibilities. Arrangements were made with the seven Ontario Cancer Centres whereby the follow-up cards for all patients examined at the clinics during the year are forwarded to the Division for analysis.

All deaths occurring among patients treated for cancer in the clinics were checked against the official death certificates by the Division. An effort has been made in this and other ways to assist the clinics to complete their follow-up of patients.

(b) *Cancer Mortality and Morbidity.*

In consequence of pressure of the more urgent work, no further progress has been made in the survey of diagnosed cancer cases in the County of Middlesex or the analysis of cancer cases treated in Ontario Public General Hospitals mentioned in last year's report.

4. SPECIAL PROBLEMS

(a) *Insulin and Metrazol Treatment in Ontario Hospitals, 1938-1941.*

During the year the Hospitals Division undertook an analysis of the results of "Shock Therapy" in the treatment of the mentally ill. For a period of more than three years, over sixteen hundred patients in Ontario Hospitals were given one or more courses of shock treatment. The tabulation and processing of this information was undertaken by the Division of Medical Statistics. A preliminary report was prepared, in 1941, and a more detailed summary was distributed early in 1942. The results indicated that shock therapy was of more value in the affective psychoses than in schizophrenia. A more crucial study of the value of treatment in which discharge from hospital was used as the criterion of improvement was nearing completion at the end of the year.

(b) *Chief Causes of Death.*

Following the procedure of previous years, the Division has prepared a bulletin concerning the chief causes in Ontario for the year 1941. This bulletin was sent to the Medical Officers of Health in the larger communities throughout the Province. The data are appended to the present report. (See page 20).

(c) *Miscellaneous.*

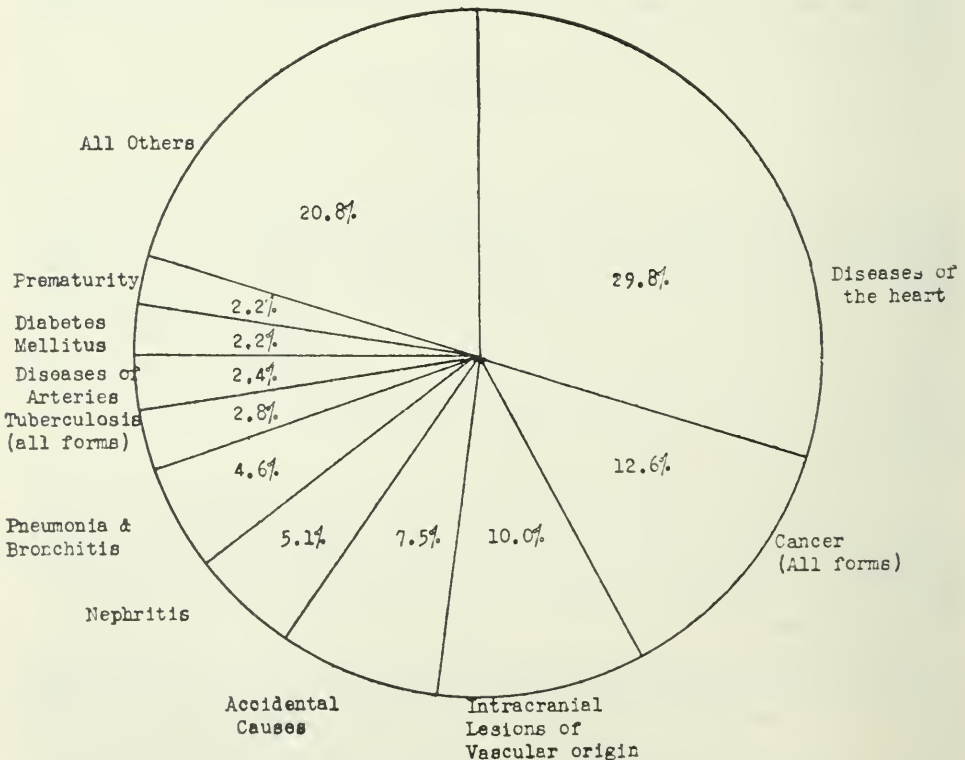
The Division also endeavours to assist other Divisions of the Department in respect to various requests for statistical information. It is significant that a large proportion of the work done by the Division takes the form of prompt and accurate replies to such requests. In addition to this, the preparation of charts, diagrams, and maps for special purposes, constitute another type of useful statistical service. Such work is of recognized value to the other Divisions in dealing with their administrative, research and educational problems.

THE CHIEF CAUSES* OF DEATH IN ONTARIO DURING 1941

The following tables are based on the official records of the Dominion Bureau of Statistics and show in summarized form the chief causes of death in Ontario during the year 1941.

In 1941 the crude death rate amounted to 10.36 per 1,000 population, as compared with 10.23 and 10.00 per 1,000 population in 1940 and 1939 respectively. As mentioned in last year's report which was issued in February, 1942, it is necessary to take into account the significant fact that the population of this province is slowly but steadily becoming older. This rise in the crude death rate is due to the increasing number of deaths in the age groups above 60 years. If it were not for a significant decrease in the number of deaths among the earlier ages, which tend to balance the total rate, the number of deaths per 1,000 population would be much higher.

In consequence of a change in the construction of the List of Causes of Death, which now follows the Fifth Revision of the International List by the Commission in Paris in 1938, certain of the more prominent diseases have been replaced as the immediate cause of death, *i.e.*, originally "Arteriosclerosis" took preference over Cerebral Haemorrhage and accounted for a large number of the deaths due to diseases of the arteries. This year, "Arteriosclerosis" is included under "Intracranial lesions of vascular origin," a group which comprise, besides "Arteriosclerosis," "Cerebral Haemorrhage," "Embolism" and "Thrombosis," etc.



**i.e.*, N.B.—The expression "chief causes" signifies, throughout, "most frequent causes," and has no other implication.

Table I shows the twenty chief causes of death for one year. The number of deaths recorded; the specific death rate per 100,000 population; and the per cent of all deaths due to each specified cause are shown. When taken together, these twenty commonest causes contributed 34,904 deaths, or 89 per cent. of all deaths recorded for the year.

TABLE I
CHIEF CAUSES OF DEATH—ALL AGES
ONTARIO—1941

Rank	CAUSE OF DEATH	Int'l. List Numbers	Number of Deaths	Specific* Death Rate	Per Cent of Total Deaths
1	Diseases of the heart.....	90-95	11,676	308.1	29.8
2	Cancer (all forms).....	45-55	4,931	130.2	12.6
3	Intracranial lesions of vascular origin.....	83	3,933	103.8	10.0
4	Accidental cause.....	169-195	2,943	77.8	7.5
5	Nephritis.....	130-132	2,007	53.0	5.1
6	Pneumonia and bronchitis..	106-109	1,795	47.4	4.6
7	Tuberculosis (all forms).....	13-22	1,100	29.0	2.8
8	Diseases of the arteries.....	96-99	955	25.2	2.4
9	Diabetes mellitus.....	61	872	23.0	2.2
10	Prematurity.....	159	860	22.7	2.2
11	Congenital malformations..	157	601	15.9	1.5
12	Influenza.....	33	465	12.3	1.2
13	Diarrhoea, enteritis and dysentery.....	27, 119 & 120	448	11.8	1.1
14	Senility.....	162	375	9.9	1.0
15	Injury at birth.....	160	372	9.8	0.9
16	Diseases of the prostate.....	137	340	9.0	0.9
17	Hernia, intestinal obstruction.....	122	334	8.8	0.9
18	Suicide.....	163-164	319	8.4	0.8
19	Ulcer of stomach and duodenum.....	117	307	8.1	0.8
20	Syphilis.....	30	271	7.2	0.7
	Total.....		34,904	9.22†	89.0
	All Other Causes.....		4,322	1.14†	11.0
	GRAND TOTAL.....		39,226	10.36†	100.0

*Rates per 100,000 population (3,787,655).

†Rates per 1,000 population.

Diseases of the heart accounted for 11,676 or 29.8 per cent. of all deaths for the year as compared with 8,546 deaths or 22.2 per cent. during 1940. Improvement in the accuracy of diagnosis as well as the above mentioned change in the age structure of the population influenced this rise to a great degree.

Cancer continues to contribute substantially to the annual death rate. With the revision of the International List, this disease has risen to second place as a chief cause of death. In 1941 there were 4,931 deaths, a rate of 130.2 per 100,000 population, as compared with 4,847 deaths or 128.8 per 100,000 population in 1940. Over one-third of all cancer deaths were under 60 years of age and over 60 per cent. were under the age of 70 years.

Intracranial lesions of vascular origin is a new entity this year, as mentioned previously. This group of diseases ranks third as a cause of death with 3,933 deaths, a rate of 103.8 per 100,000 population. Included in this cause of death are those in which there was mention of arteriosclerosis (2,161 deaths); or cerebral haemorrhage, embolism and thrombosis (1,599 deaths).

Accidents rank fourth in 1941, one place below their position in 1940, although the number of deaths has increased to 2,943, a rate of 77.8 per 100,000 population as compared with 2,530 deaths, or a rate of 67.2 per 100,000 population, in 1940. In the age group from one to nineteen years, accidents rank first as a cause of death and, between the ages of 20-49 years, they are exceeded only by diseases of the heart. There were only 12 more deaths from diseases of the heart than there were deaths from accidents at these ages.

Nephritis in 1941 was fifth in importance among the causes of death and contributed 2,007 deaths, a rate of 53.0 per 100,000 population. In 1940, the number of deaths and the rate, for this disease, were only slightly less: there were 1,958 deaths and a rate of 52.0 per 100,000 population. Fifty-seven per cent of all deaths from this disease were at ages of 70 years and over.

Respiratory Disease mortality showed a substantial decrease again this year. Deaths from influenza dropped from 611, a rate of 16.2 per 100,000 population in 1940, to 465, a rate of 12.3, in 1941. Pneumonia and bronchitis deaths are also on the decline, there were only 1,795 deaths (47.4 per 100,000 population) in 1941, from these causes as compared with 2,080 deaths (55.3 per 100,000 population) in 1940. Twenty-six per cent. of all deaths from pneumonia and bronchitis were at ages under 5 years and 55 per cent. were at ages of 60 years and over.

Tuberculosis mortality shows a slight rise in 1941. In 1940 a new low for the province was reached with only 1,011 deaths or a rate of 26.9 per 100,000 population. During 1941 the number of deaths from this disease has risen to 1,100 giving a rate of 29.0 per 100,000 population but the difference in rate is only 2.1 per 100,000 population. Fifty per cent. of all tuberculosis deaths were in the age group 20-49 years. Some idea of the tremendous drop in the death rate for this disease will be seen when the rate at the beginning of the last war is compared with the present rate. At the beginning of the last war, the tuberculosis death rate stood at 87 per 100,000 population, while in 1941 the figure amounted to only 29 per 100,000 population.

Diseases of the arteries. Due to the revisions in nomenclature made this year, a comparison with previous years is rather difficult. As this group now stands, it shows that 955 deaths from arterial disease were recorded, a rate of 25.2 per 100,000 population.

The number of diabetes mellitus deaths in 1941 shows an increase over that for the previous year. In 1941 there were 872 deaths, a rate of 23.0 per 100,000 population, whereas in 1940, there were only 691 deaths or a rate of 18.4 per 100,000 population. The greatest proportion of these deaths (93 per cent.) was found in the age groups above 50 years.

Prematurity contributed 860 deaths or 26.1 per cent. of all deaths under one year of age. In 1940 there were 952 of these deaths, which contributed 32.2 per cent. of all deaths under one year. Prematurity stood in tenth place in the list of chief causes of death for the year.

Diarrhoea, enteritis and dysentery were recorded as the cause of 448 deaths, a rate of 11.8 per 100,000 population in 1941 and an increase of 170 over the figure for the previous year. Nearly 70 per cent. of the deaths from these diseases, for the year 1941, were of infants under one year of age. In 1940, less than 50 per cent. of these deaths were of infants under one year.

In Table II, the eight chief causes of death for various age groups are presented. In this table the number of deaths from each specified cause and the percentages of the deaths which were due to those causes are shown.

TABLE II
CHIEF CAUSES OF DEATH—CERTAIN AGE GROUPS
ONTARIO—1941

CAUSE OF DEATH	Deaths in Age Group	Percent. of Deaths in Age Group Due to a Specified Cause
Age—Under 1 Year:		
1. Prematurity	860	26.1
2. Congenital malformations	514	15.6
3. Injury at birth	372	11.3
4. Pneumonia and bronchitis	366	11.1
5. Diarrhoea, enteritis and dysentery	311	9.4
6. Other diseases peculiar to infancy*	215	6.5
7. Influenza	105	3.2
8. Accidental causes	90	2.7
Other causes	461	14.1
TOTAL	3,294	100.0
Ages—1-4 Years:		
1. Accidental causes	140	23.1
2. Pneumonia and bronchitis	102	16.8
3. Diarrhoea, enteritis and dysentery	42	6.9
4. Congenital malformations	38	6.3
5. Tuberculosis (all forms)	32	5.3
6. Influenza	27	4.5
7. Whooping cough	15	2.5
8. Cancer (all forms)	14	2.3
Other causes	196	32.3
TOTAL	606	100.0
Ages—5-14 Years:		
1. Accidental causes	238	36.4
2. Tuberculosis (all forms)	56	8.6
3. Appendicitis	38	5.8
4. Pneumonia and bronchitis	30	4.6
5. Acute rheumatic fever	28	4.3
6. Diseases of the heart	25	3.8
7. Leukaemia and aleukaemia	17	2.6
8. Congenital malformations	16	2.5
Other causes	205	31.4
TOTAL	653	100.0
Ages—15-19 Years:		
1. Accidental causes	146	32.1
2. Tuberculosis (all forms)	64	14.1
3. Diseases of the heart	29	6.4
4. Cancer (all forms)	19	4.2
5. Pneumonia and bronchitis	19	4.2
6. Appendicitis	18	4.0
7. Nephritis	16	3.5
8. Puerperal state	13	2.9
Other causes	131	28.6
TOTAL	455	100.0

*During the first year of life.

TABLE II (Continued)
CHIEF CAUSES OF DEATH—CERTAIN AGE GROUPS
ONTARIO—1941

CAUSE OF DEATH	Deaths in Age Group	Percent. of Deaths in Age Group Due to a Specified Cause
Ages—20-49 Years:		
1. Diseases of the heart.....	930	17.7
2. Accidental causes.....	918	17.5
3. Cancer (all forms).....	675	12.9
4. Tuberculosis (all forms).....	551	10.5
5. Nephritis.....	224	4.3
6. Puerperal state.....	206	3.9
7. Intracranial lesions of vascular origin.....	192	3.7
8. Suicide.....	171	3.3
Other causes.....	1,381	26.2
TOTAL	5,248	100.0
Ages—50-59 Years:		
1. Diseases of the heart.....	1,522	32.3
2. Cancer (all forms).....	945	20.1
3. Intracranial lesions of vascular origin.....	419	8.9
4. Accidental causes.....	297	6.3
5. Nephritis.....	211	4.5
6. Tuberculosis (all forms).....	158	3.4
7. Pneumonia and bronchitis.....	135	2.9
8. Diabetes mellitus.....	132	2.8
Other causes.....	888	18.8
TOTAL	4,707	100.0
Ages—60-69 Years:		
1. Diseases of the heart.....	2,597	35.7
2. Cancer (all forms).....	1,312	18.0
3. Intracranial lesions of vascular origin.....	878	12.1
4. Nephritis.....	382	5.1
5. Accidental causes.....	335	4.6
6. Diabetes mellitus.....	306	4.2
7. Pneumonia and bronchitis.....	216	3.0
8. Diseases of the arteries.....	104	1.4
Other causes.....	1,146	15.7
TOTAL	7,276	100.0
Ages—70 Years and Over:		
1. Diseases of the heart.....	6,565	38.7
2. Intracranial lesions of vascular origin.....	2,418	14.2
3. Cancer (all forms).....	1,950	11.5
4. Nephritis.....	1,149	6.8
5. Diseases of the arteries.....	804	4.7
6. Accidental causes.....	775	4.6
7. Pneumonia and bronchitis.....	763	4.5
8. Senility.....	373	2.2
Other causes.....	2,181	12.8
TOTAL	16,978	100.0

Infancy. Infant mortality for the year 1941 has risen slightly. The rate for 1941 (45.6 per 1,000 live births) compared with the rate for 1940 (43.1 per 1,000 live births) gives an increase of 2.5 per 1,000 live births. This slight rise

appears insignificant when the present rate is compared with that for 1921 (91.2 per 1,000 live births). Ontario had the second lowest infant death rate in Canada; British Columbia, with a rate of 37 per 1,000 live births, was the lowest. Prematurity, congenital malformation, injury at birth and pneumonia and bronchitis remain the leading causes of infant deaths, comprising nearly two-thirds of all deaths during the first year of life.

Pre-School Age. Accidents, pneumonia and bronchitis and diarrhoea, enteritis and dysentery remain the three leading causes of death in this age group (1-4 years). Forty-seven per cent. of all deaths for this group were recorded under these headings. Cancer, for the first time, has been included in the eight chief causes of death for these ages and there were 14 deaths from this disease in 1941. Pneumonia and bronchitis deaths for this age group showed a slight decrease in 1941. In 1940, 20 per cent. of all deaths of children 1-4 years of age were attributed to pneumonia and bronchitis, whereas, in 1941 the percentage had dropped to 17 per cent. Accidents also showed a slight decrease here; the percentage in 1940 was 24 per cent. and, in 1941 it was 23 per cent.

School Age. As in the pre-school age, accident remains the chief cause of death for this age group (5-14 years). Tuberculosis shows an increase over last year—41 deaths (6.4 per cent.) in 1940 as against 56 deaths (8.6 per cent.) in 1941. The number of deaths from acute rheumatic fever has dropped back in the list to fifth place in 1941 with only 28 deaths as compared with 45 deaths in 1940. Pneumonia and bronchitis also have decreased slightly with 30 deaths in 1941 against 35 in 1940.

Adolescence. The leading causes of death in this age group (15-19 years) remain the same as in 1940 with accidents first; tuberculosis (all forms) second; and diseases of the heart, third. Accidents showed a slight decrease in respect to the actual number of deaths but an increase in the percentage of deaths in the age group. The number of tuberculosis deaths remained the same, but also showed a slight increase in the percentage. Deaths from puerperal causes dropped from 21 deaths (4.5 per cent.) in 1940 to 13 deaths (2.9 per cent.) in 1941.

Ages 20-49 years. Disease of the heart is the leading cause of death at these ages. There were 930 deaths (18 per cent. of all deaths in this age group) attributed to these diseases; in 1940, there were only 755 deaths under this heading. Accidents also have increased considerably; there were 209 deaths additional from this cause. The number of cancer deaths remained much the same as in 1940 with 675 deaths in 1941 and 669 in 1940. Tuberculosis ranks fourth in this group, contributing 551 deaths or 10.5 per cent. of all deaths at these ages.

Ages 50 and Over. The four leading causes of death in the age group 50 and over were diseases of the heart, intracranial lesions of vascular origin, cancer (all forms) and nephritis.

At Ages 60-69 years, diseases of the heart contributed 2,597 deaths—35.7 per cent. of all deaths in the age group as compared with 2,124 deaths or 29.6 per cent. of all deaths for the group in 1940. The same tendency is observed in the *ages 70 years and over.* The figures were—6,565 deaths (38.7 per cent.) in 1941 and 4,339 deaths (25.9 per cent.) in 1940. Cancer was second on the list at ages 60-69 years, but was replaced by intracranial lesions of vascular origin in the group 70 years of age and over. Diseases of the heart comprised 37 per cent. of all deaths at ages 50 years and over; cancer followed with 15 per cent.; intracranial lesions of vascular origin with 13 per cent.; and nephritis with 6 per cent.

In Tables IIIA and IIIB there are shown both the number and the percentage of deaths in certain age groups for each of the twenty chief causes of death.

TABLE IIIA
CHIEF CAUSES OF DEATH BY AGE GROUPS—ONTARIO, 1941
(Number)

Rank	CAUSE OF DEATH	ALL Ages	AGE GROUPS							70+	N.S.
			Under 1	1-4	5-14	15-19	20-49	50-59	60-69		
1	Diseases of the heart.....	11,676	0	5	25	29	930	1,522	2,597	6,565	3
2	Cancer (all forms).....	4,931	2	14	14	19	675	945	1,312	1,950	0
3	Intracranial lesions of vascular origin.....	3,933	10	11	2	3	192	419	878	2,418	0
4	Accidental causes.....	2,943	90	140	238	146	918	297	335	775	4
5	Nephritis.....	2,007	3	10	7	16	224	213	382	1,152	0
6	Pneumonia and bronchitis.....	1,795	366	102	30	19	153	135	226	763	1
7	Tuberculosis (all forms).....	1,100	16	32	56	64	551	158	139	84	0
8	Diseases of the arteries.....	955	0	0	1	0	15	31	104	804	0
9	Diabetes mellitus.....	872	0	0	5	6	51	132	306	371	1
10	Prematurity.....	860	860	0	0	0	0	0	0	0	0
11	Congenital malformations.....	601	514	38	16	7	20	4	2	0	0
12	Influenza.....	465	105	27	12	5	39	29	49	199	0
13	Diarrhoea, enteritis and dysentery.....	448	311	42	8	4	21	13	14	35	0
14	Senility.....	375	0	0	0	0	0	0	2	373	0
15	Injury at birth.....	372	372	0	0	0	0	0	0	0	0
16	Diseases of the prostate.....	340	0	0	0	0	3	18	63	256	0
17	Hernia, intestinal obstruction.....	334	0	6	7	4	69	56	61	131	0
18	Suicide.....	319	0	0	0	6	171	65	53	24	0
19	Ulcer of Stomach and duodenum.....	307	0	0	0	0	84	68	70	85	0
20	Syphilis.....	271	19	1	1	5	67	66	71	41	0
	TOTAL.....	34,904	2,668	428	422	333	4,183	4,171	6,664	16,026	9
	ALL OTHER CAUSES.....	4,322	626	178	231	122	1,065	536	612	952	0
	GRAND TOTAL.....	39,226	3,294	606	653	455	5,248	4,707	7,276	16,978	9

TABLE IIIB
CHIEF CAUSES OF DEATH BY AGE GROUPS—ONTARIO, 1941
(Percentages)

Rank	CAUSE OF DEATH	ALL AGES	AGE GROUPS								N.S.
			Under 1	1-4	5-14	15-19	20-49	50-59	60-69	70+	
1	Diseases of the heart.....	100.0	0.0	0.1	0.2	0.3	8.0	13.0	22.3	56.2	.....
2	Cancer (all forms).....	100.0	0.0	0.3	0.3	0.4	13.7	19.2	26.6	39.5	.....
3	Intracranial lesions of vascular origin.....	100.0	0.3	0.3	0.1	0.1	4.9	10.7	22.3	61.5	.....
4	Accidental causes.....	100.0	3.1	4.8	8.1	5.0	31.2	10.1	11.4	26.3	0.1
5	Nephritis.....	100.0	0.1	0.5	0.3	0.8	11.2	10.6	19.0	57.4	.....
6	Pneumonia and bronchitis.....	100.0	20.4	5.7	1.7	1.1	8.5	7.5	12.6	42.5	.....
7	Tuberculosis (all forms).....	100.0	1.5	2.9	5.1	5.8	50.1	14.4	12.6	7.6	.....
8	Diseases of the arteries.....	100.0	.....	.....	0.1	.....	1.6	.....	10.9	84.2	.....
9	Diabetes mellitus.....	100.0	.....	.....	0.6	.....	5.8	15.1	35.1	42.5	0.1
10	Prematurity.....	100.0	100.0	.....	.....	.....	.....	.....	.....	.....	.....
11	Congenital malformations.....	100.0	85.5	6.3	2.7	1.2	3.3	0.7	0.3	.....	.....
12	Influenza.....	100.0	22.6	5.8	2.6	1.1	8.4	6.2	10.5	42.8	.....
13	Diarrhoea, enteritis and dysentery.....	100.0	69.4	9.4	1.8	0.9	4.7	2.9	3.1	7.8	.....
14	Senility.....	100.0	.....	.....	.....	.....	.....	.....	0.5	99.5	.....
15	Injury at birth.....	100.0	100.0	.....	.....	.....	.....	.....	.....	.....	.....
16	Diseases of the prostate.....	100.0	.....	.....	.....	.....	0.9	5.3	18.5	75.3	.....
17	Hernia, intestinal obstruction.....	100.0	.....	1.8	2.1	1.2	20.7	16.8	18.3	39.2	.....
18	Suicide.....	100.0	.....	.....	.....	1.9	53.6	20.4	16.6	7.5	.....
19	Ulcer of Stomach and duodenum.....	100.0	.....	.....	.....	.....	27.4	22.1	22.8	27.7	.....
20	Syphilis.....	100.0	7.0	0.4	0.4	1.8	24.7	24.4	26.2	15.1	.....
	TOTAL.....	100.0	7.6	1.2	1.2	1.0	12.0	11.9	19.1	45.9	.....
	ALL OTHER CAUSES.....	100.0	14.4	4.1	5.3	2.8	24.6	12.4	14.1	22.0	.....
	GRAND TOTAL.....	100.0	8.4	1.5	1.6	1.2	13.4	12.0	18.5	43.2	.....

REPORT OF THE LIBRARIAN

FREDRITA HENLEY WRIGHT, *Librarian*

The year 1942 has continued to make resolute demands upon the Library in connection with literature pertaining to the war. Requests have been received from industries and social personnel in connection with health and war work which have necessitated special attention. Also the subject of nutrition has been very important. The Library has endeavoured to keep abreast of these subjects in securing new reports and literature on publication.

ACCESSIONS.

During 1942 the following accessions were made:

CENTRAL LIBRARY

Books purchased.....	71
Journals (vols.).....	148
Reports.....	76
Pamphlets.....	1,178
	1,473

Subscriptions to journals for the year numbered 100; while the Library received 21 complimentary subscriptions: a total of 121.

ONTARIO HOSPITALS

Books purchased	
Medical.....	85
Fiction	
New.....	3
Library discards.....	355
Journal subscriptions.....	100
Year Books.....	9
Periodicals	
New (subscriptions).....	128
Unsold copies.....	5,000 approx.
Newspapers (Subscriptions)....	88
	5,768

LOAN SERVICE

There were 5,182 loans made by the Central Library during 1942. Within the immediate Department requests for literature reached the total of 4,201, while to the outside service the Central Library forwarded 981 references. The loan service from the Central Library is extended to:—Physicians, Nurses, Occupational Therapists and Dietitians connected with the hospital administration; the Directors and staffs of the Mental Hygiene Clinics; and the Directors and staffs of the Branch Laboratories.

CIRCULATION OF JOURNALS

The regular circulation of journals was maintained during the year. Journals were circulated to the Clinicians in charge of the Provincial Travelling Chest Clinics at Belleville, Ottawa, Fort William and Timmins; and to the Tuberculosis Unit at the Ontario Hospital, Woodstock.

Journals containing articles dealing with metrazol in the treatment of schizophrenia were circulated, immediately upon receipt, to those Ontario Hospitals doing special work on this disease.

The Branch Laboratories also received a regular circulation service. Scientific and medical journals on cancer research were forwarded regularly to the Ensol Laboratory at Kingston.

PATIENTS' LIBRARIES

Through the services of the Central Library the following reading material was procured for the Patients' Libraries of the Ontario Hospitals:

Books:—The Central Library purchased 355 library discards and three new books which were shipped to the Ontario Hospitals.

Periodicals:—The Central Library placed 128 annual subscriptions to periodicals for the exclusive use of the patients. Arrangements were also made with a Toronto news agency for the purchase, upon special terms, of unsold periodicals. Under this plan approximately 5,000 copies were delivered to the patients' libraries.

Newspapers:—The Central Library placed 88 subscriptions to various Provincial newspapers for the sole use of the patients. In addition 2,700 unsold copies of papers were donated to the patients through the kindness of Toronto publishers who delivered them to the Central Library, where they were apporportioned and re-shipped to the hospitals.

SPECIAL SERVICES

Special Services for which the Library has been called upon during the year, include:

A.R.P.:—All handbooks and publications applicable to the Department's work in connection with the C.D.C. which have been published by the British Government and by the United States Office of Civilian Defense have been procured from London and Washington; together with literature published in the Dominion.

Nutrition:—The subject of nutrition is becoming increasingly important. The Library has secured reports upon new projects and programs adopted by leading nutrition authorities in various countries.

Epidemiology:—Attention has also been given to literature on research and new therapeutic measures of preventing and controlling epidemics of communicable disease.

Health Insurance:—Owing to the increasing interest of the public in health insurance and pre-payment plans for hospitalization and medical care, the Library has had many calls for assistance from persons requiring material for lecture purposes.

Post-War Medical Care and Post-War Planning:—The subject of Post-War Medical Planning is of vital importance at the present time and in this connection the Library has been especially concerned in procuring literature for the use of the Departmental Directors.

School Health Services:—Owing to new trends in the program for school health services, the Library has been required to give particular attention to the procuring of literature for the preparation of programs for health services and instruction in elementary and high schools.

The daily demands for reference work, together with the cataloguing and other routine library procedures have all had their part in making a very busy year. The Library has had pleasure in making the above contribution to the work of the Department.

DIVISION OF EPIDEMIOLOGY

R. P. HARDMAN, M.D., D.P.H., *Epidemiologist*

A striking reduction in the total number of communicable diseases was noted in the Province of Ontario for the past year (1942). This decrease in the general incidence was largely influenced through non-epidemic years of Measles, German Measles and Whooping Cough. However, there was also a marked decrease in the incidence of the major communicable diseases—Cerebro-Spinal Meningitis, Diphtheria, Typhoid Fever and Poliomyelitis. The morbidity and mortality rates for Cerebro-Spinal Meningitis were reduced by fifty per cent. There was a marked reduction in the number of Diphtheria cases reported over the 1941 period. Typhoid Fever, having reached and maintained a minimum of cases during the past few years, fell to a new low level. Less than ninety cases of Poliomyelitis were reported during the year, in marked contrast to the outbreak during 1941 in Manitoba, when close to one thousand cases were reported. For the past two years, the Province has been free of Smallpox. Whooping Cough has also shown a sharp reduction during 1942, as compared with the previous year.

The diseases showing an increase in reporting for 1942, were Mumps, Scarlet Fever and Tuberculosis. Scarlet Fever continued in epidemic form during 1942. This was rather unusual, and was due in part to the shifting of population from rural areas to urban centres. The disease was of low virulence, and consequently hard to control.

During the past year, immunization against Diphtheria and Smallpox was again provided free to all pre-school and school children living in unorganized territory. Through the co-operation of the Health Officers in adjacent communities to these areas, this immunization plan was made possible. The work commenced in the last quarter of the year, and for the first time in Ontario, Alum Toxoid was made available for the work. This product was given in two doses. Upon completion of all the record forms, a detailed report will be submitted.

During 1942, over eighty requests for assistance in the control of various communicable diseases were received and complied with. These requests were received from the Medical Officers of Health in all parts of the Province. Assistance was given again this year to the armed forces, for the control of communicable diseases in various units in the Province.

The prevailing low morbidity and mortality rates of Typhoid Fever were maintained throughout the year. Only one outbreak of Typhoid Fever occurred during 1942. This developed in Northern Ontario, and seven cases were reported. Investigation of the outbreak failed to locate the suspected carrier. Nine Typhoid carriers and four convalescent carriers were located as the result of routine investigations into the cause of the disease in the Province. Only one carrier located this year was the cause of an outbreak. This occurred in Northern Ontario in the latter part of 1941, and the suspect carrier was definitely established early in 1942.

TABLE 1
SCARLET FEVER

Year	Cases	Deaths	Morbidity Rate	Mortality Deaths	Case Fatality Rate
1938	5359	50	144	.3	.8
1939	6767	51	180	1.3	.7
1940	5696	26	151	.3	.4
1941	8155	20	216	.3	.25
1942	8354	24	220	.6	.3

During the past few years, Scarlet Fever has reached a new high, with one exception—1936. However, during 1941 and 1942, the disease reached epidemic proportions for the two-year period. The case fatality rate has declined each year, until less than one person for every hundred thousand of the population now dies of Scarlet Fever. The disease has simulated Measles in both morbidity and mortality rates. The fact that it is of low virulence makes it hard to control. Many rural susceptibles from Ontario and other provinces are now residing in urban centres in Ontario. This, in a way, explains the increase in the number of cases for two years in succession.

The prevalence of Chickenpox continued in epidemic form during 1942. An outbreak of Mumps, beginning in the Fall, reached epidemic proportions later in the year. However, in 1936, over 13,000 cases of Mumps were reported, just under 3,000 of the total number reported last year. In 1942, the disease was quite prevalent amongst the recruits in the Armed Forces.

TABLE 2
CEREBRO-SPINAL MENINGITIS

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1938	88	22	2.3	.3	15.0
1939	64	18	1.6	.2	17.0
1940	145	29	3.0	.7	18.6
1941	501	71	13.3	1.9	14.0
1942	276	30	7.2	.8	10.9

As noted in the above table, there has been a marked reduction in the morbidity, mortality and case fatality rates. Through the widespread use of the sulpha products, the case fatality rate has been reduced to a new low in Ontario.

TABLE 3
DIPHTHERIA

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1938	234	12	6.0	.3	5.1
1939	131	10	3.5	.2	7.6
1940	76	12	2.0	.3	13.3
1941	200	13	5.3	.3	6.3
1942	143	15	4.0	.4	10.5

Diphtheria, during the past two years, has shown an upward trend. While there was close to a thirty per cent. reduction in cases last year, as compared with 1941, the rates are still high in comparison with 1940. However mass immunization as carried out at present, constitutes the major activity of the Medical Officer of Health. Even during 1942, there was a noticeable increase in the number of orders submitted for the biological products for immunization against this disease.

In 1937-38, a program of immunization against Diphtheria and vaccination against Smallpox was instituted in Northern Ontario, for the unorganized territory. In keeping with this policy, a similar offer was made during the Fall of 1942. It was estimated that 11,758 children attended the 495 schools in unorganized territory. All unorganized territory in the districts in Northern Ontario, and the two in Southern Ontario, were included. Arrangements were completed with the local medical officers in these districts to immunize and vaccinate the pre-school and school children in these areas. Literature, record sheets and certificates were distributed to all school teachers in these areas. Through the co-operation of the physicians, school teachers and others, a high percentage of the immunization and vaccination program has been completed. There are, however, a few areas to be completed in the Spring, caused through loss of physicians in some areas, and an early winter, illness amongst teachers and late opening of some of the schools. However, over ninety per cent. of the schools have been completed. Alum Toxoid was used exclusively in this project, and no untoward effects have been reported.

TABLE 4
POLIOMYELITIS

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1938	160	25	4.5	.7	15.6
1939	216	17	5.7	.4	7.0
1940	87	10	2.3	.2	11.4
1941	141	11	3.6	.2	7.1
1942	89	1	2.3	.02	1.1

With the exception of the year 1940, Poliomyelitis has again reached a new low. While about 163 cases were expected for 1942, the actual number of cases reported for the year was nearly fifty per cent. lower. Explosive outbreaks of Poliomyelitis in Ontario have usually occurred at seven-year intervals, and have followed by one year, similar outbreaks in the Province of Manitoba. This co-incidental theory did not occur during 1942. Fifty-seven patients are reported to have received some Kenny method of treatment in various hospitals throughout the Province.

TABLE 5
TYPHOID FEVER

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1938	235	34	6.2	.9	14.2
1939	119	17	3.1	.4	14.3
1940	159	26	4.0	.6	16.2
1941	133	8	3.5	.2	6.0
1942	109	8	2.8	.2	7.3

TABLE 7—Continued
GEOGRAPHIC DISTRIBUTION OF CASES AND DEATHS—ONTARIO, 1942

COUNTY OR DISTRICT	Meningitis (Meningococcus)		Diphtheria		Encephalitis (Lethargica)		Para- typhoid		Polio- myelitis		Tularemia		Typhoid		Undulant Fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Northumberland and Durham.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ontario.....	3	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oxford.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Parry Sound.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peel.....	4	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Perth.....	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peterborough.....	4	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prescott and Russell.....	1	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Edward.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rainy River.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Renfrew.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Simcoe.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stormont, Dundas and Glengarry.....	3	.....	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sudbury.....	5	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Temiskaming.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thunder Bay.....	8	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Victoria.....	1	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterloo.....	8	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Welland.....	6	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wellington.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wentworth.....	19	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
York.....	102	8	87	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS.....	276	30	143	15	1	1	46	2	89	1	0	0	109	8	69	3

TABLE 8
MONTHLY INCIDENCE OF COMMUNICABLE DISEASES—CASES AND DEATHS—1942

DISEASES	January		February		March		April		May		June		July		August	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Smallpox.....	1,363	5	1,148	8	1,352	1	1,008	3	982	6	612	.....	336	.....	205	.....
Scarlet Fever.....	24	4	25	5	18	.....	15	1	5	1	5	.....	9	.....	11	.....
Diphtheria.....	648	.....	533	.....	769	.....	724	.....	1,019	.....	1,033	.....	708	.....	274	.....
Measles.....	408	1	310	1	252	.....	319	2	407	.....	231	.....	215	.....	344	.....
Whooping Cough.....	9	.....	2	.....	4	.....	8	.....	11	.....	1	.....	3	.....	24	.....
Typhoid Fever.....	209	36	186	32	174	25	195	24	270	31	202	31	195	26	266	23
Tuberculosis.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	4	.....	23	.....
Poliomyelitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cerebrospinal Meningitis (Meningococcus)	42	1	24	1	36	5	30	4	38	5	22	2	15	.....	14	3
Influenza.....	124	3	139	3	155	2	208	3	140	3	66	.....	61	.....	49	.....
Pneumonia.....	92	193	71	158	95	152	101	131	71	152	40	98	32	84	27	88
Syphilis.....	615	7	537	8	463	2	404	6	592	8	413	3	435	3	523	4
Gonorrhoea.....	508	.....	400	.....	425	.....	462	.....	599	.....	536	.....	458	.....	650	.....
Chickenpox.....	2,389	.....	1,367	.....	1,209	.....	931	.....	1,389	.....	1,156	.....	545	.....	289	.....
Encephalitis.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
German Measles.....	130	.....	228	.....	329	.....	219	.....	278	.....	168	.....	68	.....	34	.....
Mumps.....	1,635	.....	1,553	.....	1,745	.....	1,727	.....	2,012	.....	1,533	.....	623	.....	447	.....
Septic Sore Throat.....	39	.....	20	3	38	1	35	.....	30	2	25	.....	14	.....	15	.....
Undulant Fever.....	10	.....	5	.....	4	.....	3	1	11	1	7	.....	6	.....	8	1
Dysentery.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	1	.....	.....	.....	7	.....
Erysipelas.....	13	.....	7	1	14	1	8	.....	11	.....	8	.....	1	.....	2	.....
Paratyphoid Fever.....	4	.....	2	.....	.....	.....	5	.....	9	2	3	.....	6	.....	5	.....
Infectious Jaundice.....	12	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tetanus.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	4	1
Tularemia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Conjunctivitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malaria.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Actinomycosis.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....

TABLE 8—Continued
MONTHLY INCIDENCE OF COMMUNICABLE DISEASES—CASES AND DEATHS—1942

DISEASES	September		October		November		December		T O T A L S					
									1942		1941		1940	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Smallpox	190		375	1	414		369		8,354	24	8,155	20	5,696	21
Scarlet Fever	4	1	7		12		8		143	15	200	13	78	12
Diphtheria	45		173		351	1	513		6,790	2	30,014	6	16,200	7
Measles	302		403		443	1	370		4,004	7	7,226	25	5,517	29
Whooping Cough	9	1	11	1	19		5		109	8	133	8	159	24
Typhoid Fever	175	32	270	40	211	23	207	33	2,560	356	2,348	337	2,580	389
Tuberculosis	32	1	19		7		1		89	1	140	10	87	9
Poliomyelitis														
Cerebrospinal Meningitis (Meningo- coccus)	15	3	13	1	11	1	16	4	276	30	501	71	145	29
Influenza	54		97	1	68	3	137	1	1,298	19	3,722	55	3,327	17
Pneumonia	29	76	66	141	56	98	72	105	752	1,476	704	1,494	1,036	1,685
Syphilis	469	5	597	7	478	4	426		5,982	57	6,770	67	5,222	48
Gonorrhoea	543		704		506		429		6,220		5,539		4,566	
Chickenpox	172		612		1,336		1,533		12,938		12,257		15,993	2
Encephalitis								1	1	1	9	6	8	2
German Measles	20		33		42		34		1,591		30,249		2,073	
Mumps	436		776		1,752		2,567		16,806		7,634		9,872	1
Septic Sore Throat	19		14		18	1	13		280	7	358	3	294	6
Undulant Fever	3		6		4		2		69	3	68	64	2	2
Dysentery	1		1		1				13		49	3	104	2
Erysipelas	1		5		3		4		80	2	87	4	124	7
Paratyphoid Fever	5		2		5		2		46	2	44	51	51	1
Infectious Jaundice			1		11		24		54		54		110	1
Tetanus	1	2	1	2	1		1	1	9	8	3	6	13	7
Tularemia														
Conjunctivitis									1		4		3	
Malaria									1		5		6	
Actinomycosis		1							1		2		6	1

SECTION 2: LOCAL HEALTH ADMINISTRATION

The staff of the Division of Epidemiology continued to contribute to the work carried on through the office of the Chief Medical Officer of Health. During the year, the addressograph service was maintained by this Division for the purpose of circularizing the Medical Officers of Health (approximately 500) and Secretaries of the Local Boards of Health (approximately 900) with information relative to public health administration and procedure. Technical aid was given to the preparation for printing of the Annual Personnel Book, which presents information regarding the changing of Personnel of Local Boards of Health and of the Provincial Department of Health.

The forms for the Annual Report of the Local Medical Officers of Health were prepared and distributed by the Division to all organized municipalities (901) during December of this year.

SECTION 3: DISTRIBUTION OF LITERATURE

The following table shows the distribution of literature by this Division during the past year.

INFECTIOUS DISEASE LITERATURE	No. of Forms Distributed	Recording Forms	No of Forms Distributed
Regulations and Amendments.....	743	Diphtheria—	
Diphtheria.....	24,043	Recording Forms.....	5,239
		Consent Cards.....	33,806
		Certificates.....	33,185
Scarlet Fever.....	1,469	Scarlet Fever—	
		Recording Forms.....	119
Immunization Folder.....		Consent Cards.....	4,211
		Certificates.....	7,281
		Typhoid Certificates.....	980
		Immunization Cards... (Combined form).....	2,956
		Smallpox—	
		Consent Forms.....	34,436
		Certificates.....	26,929
Total.....	26,255	Total.....	149,142
	Total.....	175,397	

SECTION 4: DISTRIBUTION OF BIOLOGICAL PRODUCTS AND INSULIN

BIOLOGICAL PRODUCTS

The usual procedure relative to the purchase and distribution of biological products for prevention and treatment of communicable diseases was continued throughout the year by this Division. (See tables 13 to 17).

In addition to the thirteen distributing centres mentioned in the Annual Report of 1941, a branch laboratory was opened at St. Catharines in May, 1942, and is being supplied with biological products for distribution in the district.

There was an increase in the cost of products for active immunization during the fiscal year 1941-42 amounting to \$28,912.13. (See table 17).

Pertussis Vaccine, for the prevention of whooping cough, was continued throughout the calendar year on an average distribution of 3,000 immunizations per month.

Typhoid-paratyphoid Vaccine, which was added to the list of products purchased by this Division in 1941, was continued at a cost of \$1,998.00 for the calendar year 1942.

Tuberculin for diagnostic purposes in the control of tuberculosis, was continued at a cost of \$2,818.70. (See tables 18 to 21).

In March of 1942, a reduction in prices was granted by the Connaught Laboratories on Tetanus Antitoxin and Smallpox Vaccine (5 tubes per package). The two-point package of Smallpox Vaccine was discontinued and replaced by a one-point package, at an increase in cost of two cents per point.

INSULIN

Free Insulin was supplied to 3,805 patients during the fiscal year 1941-42. (See table 10).

Accounts to Municipalities for twenty-five per cent. of the cost for Insulin issued to residents were rendered, and \$13,729.00 returned to the Treasury.

Insulin was also issued free to indigent patients in Ontario Hospitals, Sanatoria, and unorganized districts.

Insulin for Shock Therapy was also provided to Ontario Hospitals. (See table 9).

A reduction of approximately fifteen per cent. in the price of all types of Insulin was granted by the Connaught Laboratories, in March, 1942.

TABLE 9
ANNUAL DISTRIBUTION OF INSULIN FOR SHOCK THERAPY
FISCAL YEAR 1941-42

MONTHS	No. of Vials 1000 Units	Cost
1941		
April.....	96	\$ 144.00
May.....	144	216.00
June.....	48	72.00
July.....	132	198.00
August.....	24	36.00
September.....	96	144.00
October.....	.....	.....
November.....	96	144.00
December.....	72	108.00
1942		
January.....	96	144.00
February.....	120	180.00
March.....	.....	.....
Totals.....	924	\$ 1,386.00

TABLE 10
ANNUAL DISTRIBUTION OF INSULIN BY AREA (Toronto and Province)
FISCAL YEAR 1941-42

RESIDENCE OF PATIENTS REQUIRING INSULIN	Male	Female	Total
City of Toronto.....	372	660	1,032
Province of Ontario, Exclusive of Toronto.....	1,078	1,695	2,773
Totals.....	1,450	2,355	3,805

TABLE 11
ANNUAL DISTRIBUTION OF INSULIN—FISCAL YEAR 1941-1942

TYPE OF INSULIN	Units per Vial	No. of Vials	Cost per Vial	No. of Vials	Cost per Vial	Total Cost
Insulin-Toronto.....	200	7,059	\$0.35	300	\$0.33	\$ 2,569.65
“ “.....	400	30,506	.65	2,267	.58	21,143.76
“ “.....	800	2,124	1.25	205	1.12	2,884.60
“ “.....	1,000	894	1.50	.....	1.40	1,341.00
Protamine Zinc.....	400	35,844	.72 ½	2,711	.65	27,749.05
“ “.....	800	2,692	1.40	242	1.25	4,071.30
Total.....						\$ 59,759.36

TABLE 12
MONTHLY DISTRIBUTION OF INSULIN—FISCAL YEAR 1941-1942

MONTHS	TYPES OF INSULIN						Cost All Types
	INSULIN-TORONTO				PROTAMINE ZINC INSULIN		
	No. of Vials Distributed				No. of Vials Distributed		
	200 Unit	400 Unit	800 Unit	1000 Unit	400 Unit	800 Unit	
1941							
April.....	1,030	3,225	269	72	3,191	335	\$ 5,683.47
May.....	537	2,885	212	150	3,399	179	5,268.07
June.....	724	2,560	84	100	3,361	194	4,880.72
July.....	475	2,903	220	150	3,150	174	5,080.55
August.....	461	2,585	162	50	3,251	281	4,869.48
September.....	961	2,785	200	.....	3,211	245	5,067.58
October.....	475	2,510	224	100	3,375	219	4,981.23
November.....	399	2,680	207	.....	2,949	294	4,690.03
December.....	700	2,585	280	72	3,429	340	5,345.28
1942							
January.....	886	3,047	156	100	3,273	220	5,316.57
February.....	411	2,741	110	100	3,255	211	4,868.27
March.....	300	2,267	205	.....	2,711	242	3,708.11
Total.....	7,359	32,773	2,329	894	38,555	2,934	\$ 59,759.36

TABLE 13
BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—FISCAL YEAR 1941-1942

MONTH	DIPHTHERIA ANTITOXIN						ANTI-MENINGOCOCCUS SERUM							
	1M Units Vials	Cost	10M Units Vials	Cost	20M Units Vials	Cost	40M Units Vials	Cost	Syrin- ges	Cost	20cc Vials	Cost	Out- fits	Cost
1941														
April	355	\$ 49.70	260	\$ 312.00	242	\$ 580.80	59	\$ 283.20	50	\$ 10.00	356	\$ 445.00	58	\$98.60
May	359	50.26	167	200.40	148	355.20	25	120.00	75	15.00	194	242.50	21	35.70
June	185	25.90	71	85.20	129	309.60					93	116.25	42	71.40
July	400	56.00	161	193.20	135	324.00	13	62.40	25	5.00	88	110.00	20	34.00
August	239	33.46	117	140.40	119	285.60	25	120.00	50	10.00	184	230.00	38	64.60
September	326	45.64	191	229.20	82	196.80	8	38.40			49	61.25	14	23.80
October	350	49.00	110	132.00	79	189.60	12	57.60	25	5.00	74	92.50	16	27.40
November	244	34.16	80	96.00	48	115.20	33	158.40	50	10.00	98	122.50	13	22.10
December	223	31.22	102	122.40	72	172.80	55	264.00	75	15.00	109	136.25	13	22.10
1942														
January	428	59.92	201	241.20	182	436.80	75	360.00	100	20.00	140	175.00	68	115.60
February	255	35.70	109	130.80	111	266.40	23	110.40	100	20.00	111	138.75	27	45.90
March	250	35.00	126	151.20	168	403.20	44	211.20			45	56.25	15	25.50
TOTALS	3,614	\$ 505.96	1,695	2,034.00	1,515	3,636.00	372	1,785.60	550	\$ 110.00	1,541	\$1,926.25	345	\$ 586.50

TABLE 13—Continued
BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

MONTH	DIPHTHERIA TOXOID												Reac- tion Test	Cost		
	Schick Test		For 1 Person		One (3cc) Vial		Six (3cc) Vials		Six (6cc) Vials		Dilut. Vials	Cost				
	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost						
1941																
April	737	184.25	2516	691.90	80	16.80	314	351.68	601	1,051.75	79	19.75	182	18.20		
May	529	132.25	2204	606.10	120	25.20	278	311.36	652	1,141.00	89	22.25	251	25.10		
June	343	85.75	1858	510.95	117	24.57	188	210.56	331	579.25	39	9.75	28	2.80		
July	290	72.50	1635	449.63	75	15.75	53	59.36	155	271.25	52	13.00	96	9.60		
August	374	93.50	1311	360.53	50	10.50	145	162.40	662	1,158.50	13	3.25	33	3.30		
September	630	157.50	2683	737.82	274	57.54	607	679.84	2183	3,820.25	96	24.00	317	31.70		
October	701	175.25	2950	811.25	215	45.15	498	557.76	1839	3,218.25	108	27.00	395	39.50		
November	565	141.25	2427	667.43	96	20.16	212	237.44	812	1,421.00	83	20.75	187	18.70		
December	336	84.00	1837	505.18	99	20.79	77	86.24	367	642.25	59	14.75	193	19.30		
1942																
January	422	105.50	1697	466.67	147	30.87	191	213.92	801	1,401.75	110	27.50	412	41.20		
February	788	197.00	2304	633.60	52	10.92	131	146.72	642	1,123.50	94	23.50	297	29.70		
March	639	159.75	2668	733.70	218	45.78	220	246.40	767	1,342.25	76	19.00	151	15.10		
TOTALS.....	6,354	\$ 1,588.50	26,090	\$ 7,174.76	1,543	\$ 324.03	2,914	\$ 3,263.68	9,812	\$ 17,171.00	898	\$ 224.50	2,542	\$ 254.20		

TABLE 13—Continued
BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

MONTHS	TETANUS ANTITOXIN										Perfringens Antitoxin		Anti-Anthrax Serum	
	1,500 Unit Vials	Cost	10,000 Unit Vials	Cost	20,000 Unit Vials	Cost	Syringes	Cost	10,000 Unit Outfits	Cost	10,000 Unit Vials	Cost	50cc Vials	Cost
1941														
April.....	3,365	\$ 1,312.35	46	\$ 92.00	24	\$ 90.00	79	\$ 15.80	8	\$ 18.80	5	\$ 9.50		
May.....	4,707	1,835.73	91	182.00	122	457.50	255	51.00	21	56.40				
June.....	4,881	1,903.59	43	86.00	55	206.25	210	42.00	21	49.35				
July.....	5,610	2,187.90	65	130.00	63	236.25	168	33.60	19	44.65				
August.....	5,556	2,166.84	61	122.00	37	138.75	268	53.60						
September...	5,225	2,037.75	50	100.00	79	296.25	149	29.80	1	2.35				
October.....	5,256	2,049.84	38	76.00	13	48.75	144	28.80	7	16.45				
November...	3,139	1,224.21	133	266.00	92	345.00	156	31.20	3	7.05				
December...	3,615	1,409.85	14	28.00	6	22.50	109	21.80	1	2.35				
1942														
January.....	3,210	1,251.90	51	102.00	117	438.75	125	25.00	11	25.85	3	5.70		
February....	2,980	1,162.20	22	44.00	6	22.50	166	33.20	3	7.05				
March.....	3,079	892.91	59	103.25	1	3.25	112	22.40					22	\$ 121.00
TOTALS.....	50,623	\$ 19,435.07	673	\$ 1,331.25	615	\$ 2,305.70	1,941	388.20	98	\$ 230.30	8	\$ 15.20	22	\$ 121.00

TABLE 13—Continued
 BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

MONTHS	SCARLET FEVER ANTITOXIN										SCARLET FEVER TOXIN			
	Prophy- lactic doses	Cost	Treat- ment doses	Cost	Syringes	Cost	Dick Test	Cost	For 1 Person		For 6 Persons			
									Pkgs.	Cost	Pkgs.	Cost		
1941														
April.....	842	\$ 631.50	300	\$ 825.00	77	\$ 15.40	1,040	\$ 260.00	1,149	\$ 344.70	645	\$ 645.00		
May.....	1,119	839.25	521	1,432.75	75	15.00	779	194.75	1,193	357.90	633	633.00		
June.....	775	581.25	275	756.25	50	10.00	704	176.00	765	229.50	327	327.00		
July.....	415	311.25	298	819.50	.....	.....	393	98.25	459	137.70	253	253.00
August.....	467	350.25	114	313.50	.....	.....	490	122.50	462	138.60	370	370.00
September.....	516	387.00	400	1,100.00	75	15.00	907	226.75	829	248.70	1,160	1,160.00		
October.....	740	555.00	288	792.00	.....	.....	1,115	278.75	1,409	422.70	970	970.00
November.....	1,399	1,049.25	592	1,628.00	150	30.00	3,818	954.50	1,655	496.50	3,448	3,448.00		
December.....	877	657.75	328	902.00	100	20.00	993	248.25	1,212	363.60	785	785.00		
1942														
January.....	996	747.00	304	836.00	175	35.00	1,252	313.00	1,216	364.80	1,299	1,299.00		
February.....	1,431	1,073.25	449	1,234.75	225	45.00	1,652	413.00	1,528	458.40	1,026	1,026.00		
March.....	816	612.00	366	1,006.50	125	25.00	2,046	511.50	1,603	480.90	1,209	1,209.00		
TOTALS.....	10,393	\$ 7,794.75	4,235	\$ 11,646.25	1,052	\$ 210.40	15,189	\$ 3,797.25	13,480	\$ 4,044.00	12,125	\$ 12,125.00		

TABLE 13--Continued
BIOLOGICAL PRODUCTS--MONTHLY DISTRIBUTION--Continued

MONTH	SMALLPOX VACCINE										Rabies Vaccine		Pertussis Vaccine		Typhoid Vaccine		
	1 Tube per Package		2 Tubes per Package		5 Tubes per Package		10 Tubes per Package		Treat-ment Pkgs.	Cost	6CC Vials	Cost	One Person Pkgs.	Cost			
	Pkgs.	Cost	Pkgs.	Cost	Points	Cost	Points	Cost									
1941																	
April.....			777 \$	108.78	2,810 \$	147.52	12,860 \$	578.70	5	\$ 30.00	4,000 \$	2,800.00					
May.....			987	138.18	2,370	124.42	10,910	490.95			2,000	1,400.00			300 \$	108.00	
June.....			999	139.86	2,275	119.44	10,770	484.65	1	6.00	3,000	2,100.00			500	180.00	
July.....			605	84.70	2,345	123.11	2,430	109.35	11	66.00	2,500	1,750.00			300	108.00	
August.....			1,069	149.66	2,735	143.59	6,820	306.90			3,000	2,100.00			900	324.00	
September.....			1,350	189.00	3,345	175.61	11,300	508.50	1	6.00	3,775	2,642.50			1,000	360.00	
October.....			1,029	144.06	4,290	225.22	14,480	651.00			4,700	3,290.00					
November.....			994	139.16	2,745	144.11	11,070	498.15	4	24.00	4,000	2,000.00					
December.....			689	96.46	2,085	109.46	5,600	252.00	2	12.00	3,000	1,500.00			500	180.00	
1942																	
January.....			623	87.22	1,855	97.39	7,830	352.35	1	6.00	3,700	1,850.00			500	180.00	
February.....			755	105.70	2,390	125.47	4,630	208.35			3,000	1,500.00					
March.....			1,057	\$95.13	2,285	107.40	14,450	650.25	3	18.00	3,000	1,500.00			500	180.00	
TOTALS.....			9,877	\$1,382.78	31,530	\$1,642.74	113,150	\$5,091.75	28	\$168.00	39,675	\$24,432.50			4,500	\$1,620.00	

TABLE 14

BIOLOGICAL PRODUCTS—ANNUAL DISTRIBUTION—FISCAL YEAR 1941-42

DIPHTHERIA:

Antitoxin.....	3,614 x 1M units vials at.....	\$.14 each.....	\$ 505.96
	1,695 x 10M units vials at.....	1.20 each.....	2,034.00
	1,515 x 20M units vials at.....	2.40 each.....	3,636.00
	372 x 40M units vials at.....	4.80 each.....	1,785.60
Total.....			\$ 7,961.56
Schick Test	6,354 Outfits at.....	.25 each.....	1,588.50
Toxoid:	26,090 x 1 person packages at.....	.27 1/2 each.....	7,174.76
	1,543 x One 3 cc. ampoules pckgs at	.21 each.....	324.03
	2,914 x Six 3 cc. ampoules pckgs. at	1.12 each.....	3,263.68
	9,812 x Six 6 cc. ampoules pckgs. at	1.75 each.....	17,171.00
	2,542 Reaction Test ampoules at....	.10 each.....	254.20
	898 Diluted for reactors pckgs. at	.25 each.....	224.50
Total.....			\$ 30,000.67

TETANUS:

Antitoxin.....	47,544 x 1,500 units vials at.....	\$.39 each.....	\$ 18,542.16
	3,079 x 1,500 units vials at.....	.29 each.....	892.91
	614 x 10,000 units vials at.....	2.00 each.....	1,228.00
	59 x 10,000 units vials at.....	1.75 each.....	103.25
	614 x 20,000 units vials at.....	3.75 each.....	2,302.50
	1 x 20,000 units vials at.....	3.25 each.....	3.25
Intraspinal Outfits	98 x 10,000 units with outfits at	2.35 each.....	230.30
Total.....			\$ 23,302.37

SCARLET FEVER:

Antitoxin.....	10,393 Prophylactic doses at.....	\$.75 each.....	\$ 7,794.75
	4,235 treatment doses at.....	2.75 each.....	11,646.25
Total.....			\$ 19,441.00
Dick Test	15,189 Outfits at .....	.25 each.....	3,797.25
Toxin	13,480 x 1 person packages at.....	.30 each.....	4,044.00
	12,125 x 6 person packages at.....	1.00 each.....	12,125.00
Total.....			\$ 19,966.25

MENINGOCOCCUS:

Anti-Serum.....	1,541 x 20cc. vials at.....	\$ 1.25 each.....	\$ 1,926.25
Intraspinal Outfits	345 x 20cc. vials with outfits at....	1.70 each.....	586.50
Total.....			\$ 2,512.75

SMALLPOX:

Vaccine.....	1,057 x 1 point packages at.....	\$.09 each.....	\$ 95.13
	9,877 x 2 point packages at.....	.14 each.....	1,382.78
	457 x 5 point packages at.....	.23 1/2 each.....	107.40
	29,245 points (5 pt. pkg.) at.....	52.50 per M pts..	1,535.34
	113,150 points (10 pt. pkg.) at.....	45.00 per M pts..	5,091.75
Total.....			\$ 8,212.40

RABIES:

Vaccine..... 28 treatments at.....\$ 6.00 each.....\$ 168.00

PERTUSSIS:

Vaccine..... 22,975 x 6cc. vials at.....\$.70 each.....\$16,082.50
 16,700 x 6cc. vials at..... .50 each..... 8,350.00
 Total.....\$24,432.50

TYPHOID-PARATYPHOID:

Vaccine..... 4,500 x 1 person packages at.....\$.36 each.....\$ 1,620.00

ANTI-ANTHRAX SERUM: 22 x 50cc. vials at.....\$ 5.50 each.....\$ 121.00

PERFRINGENS:

Antitoxin..... 8 x 10,000 units vials at.....\$ 1.90 each.....\$ 15.20

TABLE 15

BIOLOGICAL PRODUCTS AND INSULIN—FISCAL YEAR, 1941-42.

SUMMARY OF ANNUAL DISTRIBUTION	Costs
Diphtheria Products.....	\$ 37,962.23
Tetanus Products.....	23,302.37
Scarlet Fever Products.....	39,407.25
Meningococcus Products.....	2,512.75
Smallpox Vaccine.....	8,212.40
Rabies Vaccine.....	168.00
Pertussis Vaccine.....	24,432.50
Typhoid-Paratyphoid Vaccine.....	1,620.00
Anti-Anthrax Serum.....	121.00
Perfringens Antitoxin.....	15.20
Syringes.....	708.60
Cost of Biological Products and Syringes.....	\$ 138,462.30
Less Sale of Syringes (\$708.60)—NET COST.....	137,753.70

TABLE 16

SUMMARY OF ANNUAL DISTRIBUTION—FISCAL YEAR 1941-42

PRODUCT	Costs
Biological Products—Gross Cost.....	\$ 138,462.30
Insulin—All types—Cost.....	59,759.36
Total Cost.....	\$ 198,221.66
Less Sale of Biological Syringes.....	708.60
Net Cost.....	\$ 197,513.06

TABLE 17
COMPARATIVE STATEMENT OF COSTS—1940-42

COSTS OF DISTRIBUTION BY FISCAL YEARS		1941-42 Increase or Decrease Over Previous Year 1940-41	
A. Biological Products.....	1940 - 41	1941 - 42	
(a) ACTIVE IMMUNIZATION:			
Diphtheria Toxoid.....	\$ 16,535.62	\$ 30,000.67	\$ 13,465.05 I*
Scarlet Fever Toxin.....	11,348.90	19,966.25	8,617.35 I
Smallpox Vaccine.....	8,963.17	8,212.40	750.77 D*
Pertussis Vaccine.....	18,550.00	24,432.50	5,882.50 I
Rabies Vaccine.....	90.00	168.00	78.00 I
T. A. B. Vaccine.....		1,620.00	1,620.00 I
Total.....	\$ 55,487.69	\$ 84,399.82	\$ 28,912.13 I
(b) PASSIVE IMMUNIZATION:			
1. Prophylactic size package—			
Diphtheria Antitoxin.....	\$ 395.92	\$ 505.96	\$ 110.04 I
Tetanus Antitoxin.....	17,750.46	19,435.07	1,684.61 I
Scarlet Fever Antitoxin.....	6,372.75	7,794.75	1,422.00 I
Total.....	\$ 24,519.13	\$ 27,735.78	\$ 3,216.65 I
2. Treatment size package—			
Diphtheria Antitoxin.....	4,052.40	\$ 7,455.60	\$ 3,403.20 I
Tetanus Antitoxin.....	3,454.65	3,867.30	412.65 I
S. F. Antitoxin.....	9,410.50	11,646.25	2,235.75 I
Perfringens Antitoxin.....	15.20	15.20	
C. S. M. Serum.....	3,251.10	2,512.75	738.35 D
Anti-Anthrax Serum.....		121.00	121.00 I
Total.....	\$ 20,183.85	\$ 25,618.10	\$ 5,434.25 I
Syringes.....	537.20	708.60	171.40 I
Total.....	\$ 100,727.87	\$ 138,462.30	\$ 37,734.43 I
B. Insulin.....	\$ 63,132.92	\$ 59,759.36	\$ 3,373.56 D
Biological Products and Insulin— Total Cost.....	\$ 163,860.79	\$ 198,221.66	\$ 34,360.87 I

*D—Decrease. I—Increase.

TABLE 18
ANNUAL DISTRIBUTION OF TUBERCULIN—CALENDAR YEAR, 1942

No. of Private Physicians supplied with Tuberculin.....	491
No. of Hospitals supplied with Tuberculin.....	85
No. of Sanatoria supplied with Tuberculin.....	7
No. of Ontario Hospitals supplied with Tuberculin.....	9
No. of Provincial Branch Laboratories supplied with Tuberculin.....	4
No. of Travelling Provincial Clinics supplied with Tuberculin.....	6
No. of Clinics (non-departmental) supplied with Tuberculin.....	9

TABLE 19

ANNUAL DISTRIBUTION OF TUBERCULIN—BY AMOUNTS DISTRIBUTED
(CALENDAR YEAR, 1942)

TYPE	1 cc. Vials		5 cc. Vials		Total	
	No. of Vials	Contents (cc.)	No. of Vials	Contents (cc.)	No. of Vials	Contents (cc.)
No. 1 Solution	2,672	2,672	1,774	8,870	4,446	11,542
No. 2 Solution	948	948	.....	.....	948	948
Total.....	3,620	.....	1,774	.....	5,394	12,490

TABLE 20

ANNUAL DISTRIBUTION OF TUBERCULIN—BY COSTS
(CALENDAR YEAR—1942)

TYPE	No. of Vials	Cost per Vials	Total Cost
No. 1 Sol. (1cc.).....	2,672	\$0.30	\$ 801.60
No. 1 Sol. (5cc.).....	1,774	.95	1,685.30
No. 2 Sol. (1cc.).....	948	.35	331.80
Total.....	4,394	.....	\$ 2,818.70

TABLE 21

COMPARATIVE STATEMENT—TUBERCULIN DISTRIBUTION AND COSTS
1941-1942

TYPE	1941		1942		Increase or Decrease Cost
	Vials	Cost	Vials	Cost	
No. 1 Sol. (1cc.).....	2,579	\$ 773.70	2,672	\$ 801.60	\$ 27.90 I*
No. 1 Sol. (5cc.).....	2,000	1,900.00	1,774	1,685.30	214.70 D*
No. 2 Sol. (1cc.).....	901	315.35	948	331.80	16.45 I
Total.....	.....	\$ 2,989.05	.....	\$ 2,818.70	\$170.35 D

*D—Decrease. I—Increase.

COMPARATIVE STATEMENT SHOWING COST OF BIOLOGICAL PRODUCTS AND INSULIN, 1926-42

Fiscal Year	Diphtheria		Scarlet Fever		Tetanus Antitoxin	Anti-Meningococcus Serum	Anti-Anthrax	Smallpox Vaccine	Rabies Vaccine	Pertussis Vaccine	Typhoid Vaccine	Biological Totals	Insulin	Total Cost
	Antitoxin	Toxoid	Antitoxin	Toxin										
1926-27	\$40,747.00	\$14,343.20	\$23,159.50	\$4,659.00	\$9,322.05	\$1,578.95		\$8,212.58	\$585.00			\$102,605.68	\$46,567.10	\$149,172.78
1927-28	35,407.02	10,127.40	20,595.50	3,483.70	10,518.00	1,632.40		13,711.73	4,728.59			100,504.34	48,943.60	149,447.94
1928-29	41,027.72	9,771.80	21,063.75	3,319.50	14,022.00	3,588.45		7,144.60	2,000.25			101,968.57	55,727.48	157,696.05
1929-30	46,784.30	9,486.40	34,031.45	5,287.30	15,171.75	3,452.15		7,892.65	1,638.00			123,744.00	62,728.16	186,472.16
1930-31	36,696.96	14,113.40	32,589.15	5,498.90	17,092.50	2,594.85		6,300.03	819.00			117,704.79	71,291.82	188,996.61
1931-32	27,217.73	20,874.16	22,115.82	4,316.25	17,872.34	2,520.48		4,495.83	411.07			99,829.68	84,367.15	184,196.83
1932-33	12,698.80	16,175.84	19,451.68	3,987.15	16,411.01	1,692.24		3,719.20	937.65			75,073.57	94,274.28	169,347.85
1933-34	12,797.38	14,482.68	27,871.97	5,287.77	19,529.70	1,593.75		5,617.34	418.95			87,699.54	102,517.65	190,217.19
1934-35*	5,077.50	5,077.50	14,203.20	3,069.70	6,266.40	569.40	\$7.00	2,638.75	94.50			37,212.65	44,517.45	81,730.10
1935-36	10,419.34	12,912.40	32,706.90	6,881.40	21,980.55	1,485.95	1.75	5,639.63	388.50			92,485.44	84,580.71	177,066.15
1936-37	8,376.36	14,783.40	23,867.25	6,745.50	20,715.15	1,760.95	10.50	5,342.98	252.00			82,054.09	60,252.04	142,306.49
1937-38	8,066.94	15,363.60	22,027.25	7,910.50	24,340.80	1,863.15	7.25	5,324.29	504.00			86,423.78	60,485.12	146,908.90
1938-39	6,556.14	17,741.00	21,939.75	9,079.20	22,654.35	1,681.60	7.00	9,160.12	283.50		\$216.00	88,202.56	60,491.00	148,693.56
1939-40	5,674.28	16,828.49	18,118.00	10,465.40	20,324.88	1,863.85		7,406.82	900.00	7,231.00		88,812.72	60,805.00	149,617.72
1940-41†	4,448.32	16,535.62	15,783.25	11,348.90	21,265.11	3,251.10		8,963.17	90.00	8,550.00		100,190.67	63,132.92	163,323.59
1941-42†	7,961.56	30,000.67	19,441.00	19,966.25	23,302.37	2,512.75	121.00	8,212.40	168.00	24,432.50	1,020.00	137,753.70	59,759.86	197,513.56

*November to March, 1935. †Perfringens Antitoxin, \$15.20

DIVISION OF VENEREAL DISEASE CONTROL

W. H. AVERY, M.D., *Consultant.*

Government responsibility has been much increased as a result of the present world conflict. This is especially evident in the problem of Venereal Disease Control, venereal disease is a most serious factor in cutting down the efficiency of national man power in the present struggle. It is realized that venereal disease in the armed forces is closely associated with that of the civilian population. This Division, therefore, during the year 1942 has put forth every possible effort to co-operate with the military authorities in the control of this gigantic problem. Sources of contact when reported are followed through the local health authorities and placed under treatment where possible. Although the number of such sources no doubt becomes increased as a result of a world at war, the information received by reports from the military authorities also aids in tracking down sources of infection which might not have otherwise been revealed. Posters and literature have been supplied to numerous military camps throughout the province.

During the past year assistance was given the Federal Department of Pensions and National Health in the establishment of artificial fever therapy. Fever cabinets and nurses were loaned by this Division to that department at Christie Street Hospital, Toronto, and as a result such treatment has now expanded to other cities throughout the Dominion. A similar type of assistance was also supplied to the Royal Canadian Navy. A considerable number of complicated cases of venereal disease from the Royal Canadian Air Force are being treated from time to time in the provincial clinics. The Division, during the past year, has supplied fever therapy equipment to Bellevue Hospital, New York State, and in addition a nurse from this Division spent some time at that hospital setting up technique and methods of fever therapy used in Ontario.

In order that supplies may be available for all who require treatment for venereal disease, the drugs most commonly used are supplied free to clinics and private physicians throughout the province. During the past year the following drugs were dispensed through the central office:

DRUGS DISPENSED FOR 1942

MAPHARSEN:—No. of Vials—25,704 of .04; 38,110 of .06 and 3,547 of .4 gms.

NOVARSAN: —No. of Vials— 2,740 of .3 ; 6,640 of .45 and 11,252 of .6 gms.
6,095 of .75; 2,912 of .9 and 2,700 of 3.0 gms.

STOVARSAL —No. of tablets—14,600.

BISMUTH OXYCHLORIDE:—40,569 ampoules (grs. ii)—individual treatment.
12,381 ampoules (grs. x)—group treatment.

MERCURY SALICYLATE: — 3,009 ampoules (grs. i)—individual treatment.
192 ampoules (grs. v)—group treatment.

TRYPARSAMIDE:—678 bottles of 50 gms.; 2,079 vials of 2 gms.

STERILE WATER:—71,621 vials of 20cc. each.

SULPHATHIAZOLE:—482,000 tablets; SULPHAPYRIDINE:—8,500 tablets (7½ grs.)

SULPHANILAMIDE:—500 tablets (5 grs.)

While it is understood that adequate treatment of early cases of syphilis is of paramount importance, there has been in the past a far too prevalent idea that the late cases were of little importance from a treatment standpoint. It is recognized by this Division that adequate treatment of late cases with involvement of the central nervous system is also of paramount importance to the tax payer. It is further felt that proper treatment should be provided for those unfortunate individuals as early in their illness as possible. On this account clinics in which artificial fever therapy may be obtained have been established in most of the larger centres throughout the province. There are now 28 fever cabinets in operation daily throughout the province, treating venereal disease in its different forms. Ontario is the first province in the Dominion to offer such a service to its people. The purpose of such clinics is to endeavour to treat asymptomatic cases. In other words the aim is a preventive program which may be given in a general hospital before the patient has progressed to a point where he is a deteriorated candidate for a mental hospital. Provision, of course, has been made as well for adequate treatment of the late cases in the Ontario Hospital, Toronto, where six cabinets are in operation daily treating such patients. During 1942 in the provincial fever clinics there were $23,814\frac{3}{4}$ hours of fever therapy given at 105° or over; and 19,924 of these hours were given for the treatment of neurosyphilis.

CLINIC	No. of hours 105° or over	Total number of cases treated				Remarks by Directors of Fever Therapy.
		N/S	Diss. Sel.	G.C.	Subacute Bacterial Endocarditis Others	
Ottawa General ...	1200 ½	19	2	16	7	The neurosyphilis cases are all getting from 70 to 85 hours of fever plus mapharsen and bismuth. Some are given tryparsamide during the week. The G.C. cases received about 20 hours of treatment. They also take sulfa drugs in large doses before the treatments. All of the chorea cases (6) responded well to the treatment. As the chart shows, 2 cases of disseminated sclerosis received some treatments. The first case has shown some improvement and could use her leg, a thing she could not do for a few months before. The second case did not present permanent improvement. One case of psychosis, ready to be sent to Brockville, was treated with success. Spinal tap and blood tests are all negative. All the neuros were kept at a temperature of 105.2; the G.C. cases were given 106.5 or more. There were no alerts of any kind, no complications, no sequelae.
Toronto General Hospital.....	2283	57	1	10	1	Results of 57 cases of neurosyphilis: markedly improved 8; markedly improved then lapsed back, 1; improved 26; unchanged 9; still on treatment 6; treatment not completed 4; lost 3. In view of results, think fever therapy is justified in selected cases and the results of treatment are very encouraging even in early cases.
Victoria Hospital, London	1183	29	2	11	1	I am of the continued opinion in this clinic that artificial fever therapy is a valuable adjunct to the handling of neurosyphilitic patients, and offers the best chance to those advanced cases resistant to other therapy, of improvement or even return to society. Those cases treated for gonorrhoea or its complications have all responded with a cure from two to six treatments. There have been no deaths in the group since the initiation of this work directly attributable to the therapy. The clinical improvement in the neurosyphilitic cases seems in practically all cases to precede improvement in the serology. With subsequent intravenous therapy and check-up as from 1 to 2 years from fever exposure, serological reversal is occurring in the majority of early and moderately advanced cases. I find that patients who are subjected to ten weekly exposures of seven hours' duration show signs of exhaustion after the sixth to eighth treatment, and feel that possibly a week or two of rest at this time allows the patient to continue to the end with a more uneventful course.

CLINIC	No. of hours 105° or over	Total number of cases treated					Remarks by Directors of Fever Therapy.
		N/S	Diss. Sel.	G.C.	Subacute Bacterial Endocarditis	Others	
St. Joseph's Hospital, Sudbury.	1022	23	...	1	...	...	This Clinic only recently re-opened; satisfactory records not yet completed.
Industrial farm Burwash.	415	6	...	13	...	...	The method followed in this treatment seems very satisfactory and all the patients show improvement.
Metropolitan..... General Hospital, Windsor.	1039½	22	...	5	...	2	In summarizing the results which we have obtained, we feel that it is rather difficult to estimate the amount of benefit that will be obtained from the fever treatments at this time. However, there is no question that most of the patients have been benefited some, as shown clinically and also by improvement in Serology of Spinal Fluid. It is our intention to keep a followup file, and to add to clinical and serological data from time to time.
Ontario Hospital... Toronto.	6943	129	...	...	...	...	11 patients treated in 1941 were discharged in 1942. 32 patients are still on treatment. 5 patients suffering from Asymptomatic Neurosyphilis were from the Mercer Reformatory. 21 patients were unable to complete treatment because of physical disability. 71 patients have been treated satisfactorily as follows: 39.5% out of hospital; 5.4% are hospital improvements; 13.9% are unimproved. Total of 57 patients discharged in 1942.
Hamilton General Hospital	1768	30	...	14	1	18	In Hamilton we have been impressed with the results following fever therapy in neurosyphilis, and feel that this form of treatment is a valuable adjunct to chemotherapy. We have had several cases in which the return of memory and power of concentration has been spectacular. In chronic gonorrhoea our results have been excellent. As to the other types of arthritis we have been somewhat disappointed in that we have not been able to reduce sedimentation rate. However, our patients felt better in the majority of cases, and stated that they suffered less pain. In the short time that I have been in charge of the Clinic, I have been very favourably impressed with the value of the artificial fever therapy. I believe that more practitioners in Hamilton are becoming interested in artificial fever therapy and that our clinic will continue to grow.

CLINIC	No. of hours 105° or over	Total number of cases treated					Remarks by Directors of Fever Therapy.
		N/S	Diss. Sol.	G.C.	Subacute Bacterial Endocarditis	Others	
St. Michael's Hospital Toronto	1685½	30	....	17	3	2	The treatment of neurosyphilis has been very satisfactory. Follow-up through the venereal disease clinic shows that these people who have received fever therapy were greatly improved and in some cases the spinal fluid serology was negative. Several cases of optic neuritis were much improved and improvement in the vision was noted during the time they were receiving fever therapy. Practically all cases of resistant gonorrhoea and G. C. arthritis were cured. Of the bacterial endocarditis cases two have died and no further information has been obtained about the third one. These patients all felt much better during the fever treatment and for the 24 hours following the treatment. One case of bacillus proteus septicaemia and one case of paralysis agitans were treated but no change was noted in their general condition. Fever therapy in this clinic for the treatment of neurosyphilis and resistant gonorrhoeal conditions has been entirely satisfactory and encouraging.
Ottawa Civic Hospital	1986	33	....	84	1	17	Of the 33 neurosyphilitics treated, two must be considered failures. 31 have shown such great improvement that they may, in time, be considered as cures. I am sorry to say that we have difficulty in persuading these patients to come regularly. On numerous occasions we have had a cabinet idle because the patient did not appear for treatment. All of our syphilitic eye conditions are successfully treated. The treatment of gonorrhoea has been most fortunate. Only 2 of this group of cases failed to clear up completely. As I have already reported, we had the misfortune to lose one patient after fever treatment for gonorrhoea. The post mortem findings made it difficult to connect the treatment with the cause of death. Our one case of bacterial endocarditis did not recover. It is remarkable that a man in such wretched physical condition, and with such serious myocardial damage, was able to take the treatment.

CLINIC	No. of hours 105° or over	Total number of cases treated					Remarks by Directors of Fever Therapy.
		N/S	Diss. Scl.	G. C.	Subacute Bacterial Endocarditis	Others	
Kingston General Hospital.....	887	15	....	7	....	....	Have reason to feel very encouraged by our results up to the present. Of the 15 cases of neurosyphilis treated 13 have shown really marvellous improvement. The other two have not shown such satisfactory results. The one case of optic atrophy has shown little or no improvement as yet. The other congenital with cord bladder, is growing steadily worse. Six of the gonorrhoea cases were completely cured after one treatment. As we round out our first year of fever therapy I feel that we have really succeeded in our efforts to establish this type of treatment in the district and have created a much more favourable impression than that which existed heretofore.
Hospital for Sick Children Toronto.	332	12	....	....	....	5	The chorea cases were very difficult and apprehensive of the treatment, the result being that they showed little or no early improvement. By the time they got used to taking the treatments enough time had elapsed for them to have improved without fever therapy. Too few cases were available and treated to allow any accurate estimate of the value of fever therapy. With the neurosyphilis cases, while some improvement was undoubtedly noticed both clinically and serologically, for the most part the cases treated during the last year were too advanced to hope for much permanent improvement. A few of the cases seem to be made worse as a result of fever treatment. Administration of fever therapy to younger and earlier cases would undoubtedly show better results.
Toronto Western Hospital.....	2770	43	1	25	2	6	
Total.....	2381 $\frac{3}{4}$	448	6	203	8	59	

Interpretation of abbreviations on table:—N/S, neurosyphilis; S, syphilis; G. C., gonorrhoea; Diss. Scl., disseminated sclerosis.

In order that methods of venereal disease control may be modern and effective, a new Venereal Disease Act was passed in 1942. By this Act treatment is voluntary and there is no interference on the part of anyone provided the patient submits to adequate treatment. Failure on the part of the patient to do so may result in compulsory treatment, detention if necessary. Detention of the patient may be ordered either through the courts or by the medical officer of health with the consent of the Minister.

Secrecy in regard to the infected person is still guarded, but where the protection of other members of the family is concerned a physician may give information concerning the patient to such members of the family.

By this Act the local medical officer of health is expected to make provision for the treatment of venereal disease within the municipality.

New regulations are now being prepared to comply with this Act. It is hoped this Act and the proposed regulations will simplify the administration and result in a much more effective control of venereal disease.

In spite of world conditions being more favourable for the spread of venereal disease—such as the opposite sexes being thrown together in industry; a floating population resulting in difficulty in giving adequate treatment due to such patients being difficult to follow and keep under treatment, resulting in lack of control of infectiousness; also because of increased spending power on the part of many;—syphilis, the most important of the venereal diseases, has not shown an increase in reported cases during the year 1942 in Ontario. The figures for 1941 and 1942 are as follows:

1941—7,484.

1942—5,952.

The bawdy house is still a factor in the source of infection in certain parts of the province. It is only by the elimination of such places that this source may be wiped out. There are, of course, other important sources such as the street walkers and the beverage room solicitors. These sources can only be controlled by rigid law enforcement which depends upon an understanding and co-operation between the local magistrate, police, medical officer of health and the citizens of the municipality.

In regard to gonorrhoea, there has been, as might be expected, some increase in the number of cases reported to the Department for the year 1942. The number of cases reported during the year 1941 was 5,293.

In 1942,—6,220 cases were reported. The treatment of gonorrhoea is showing a much more satisfactory trend. The sulfa drugs are cutting down in a large percentage of cases the course of treatment from that of a number of weeks to that of a few days. Fever therapy in combination with chemotherapy is proving a very effective weapon in the treatment of complicated cases of gonorrhoea. Recognition of this fact by the medical profession during the past year has resulted in an increased demand for facilities to carry out such treatment. This problem, I am glad to state, the Division has been able to deal with satisfactorily.

An effort is being made wherever possible to afford clinics and physicians' means of cultural examinations. A culture outfit capable of transporting living organisms to a laboratory from any part of the province is now in the experimental stage. Owing to the fact this work is still experimental the laboratory service is limited only to two of the larger clinics.

All cases of syphilis treated by private physicians are followed at intervals throughout the year by this division. Reports from the physicians are required in regard to the amount and type of treatment the patient is receiving. Where treatment appears to be inadequate suggestions are made. A special interest and effort is taken to have spinal fluid examinations on all patients before discharge from treatment. The above procedure results in many requests from private physicians in regard to the management of their cases.

There are twenty venereal disease clinics situated throughout the province. On December 31, 1942, there were 5,659 patients attending these clinics, an increase of 327 patients over last year. During the year there were 112,403 treatments given for syphilis, an increase of 5,092 over the previous year. During the year there were 15,681 treatments given for gonorrhoea, a decrease of 1,770 over the previous year.

The following is a statistical analysis of the work in the special treatment clinics throughout the province.:

Total number of patients attending clinics at December 31, 1941.....	5,332
Total number of patients attending clinics at December 31, 1942.....	5,659
Total number of treatments given for syphilis.....	112,403
Total number of treatments given for gonorrhoea.....	15,681
New cases (never previously treated in Clinic):	
Syphilis.....	1,091
Gonorrhoea.....	959
Double Infection.....	112
	2,162
Number of cases re-admitted for treatment:	
Syphilis.....	359
Gonorrhoea.....	187
Double Infection.....	29
	575
Number of cases previously treated:	
Syphilis.....	785
Gonorrhoea.....	152
Double Infection.....	17
	954
Classification of new and previously treated cases of syphilis:	
Primary.....	480
Secondary.....	445
Tertiary.....	838
	1,763
Classification of new and previously treated cases of gonorrhoea:	
Under 1 month.....	1,020
Under 2 months.....	71
Over 2 months.....	126
	1,217
CASES DISCHARGED FROM CLINICS:—	
Number discharged apparently cured:	
Syphilis.....	768
Gonorrhoea.....	766
Double Infection.....	97
	1,631
Number discharged without permission:	
Syphilis.....	494
Gonorrhoea.....	198
Double Infection.....	25
	717

Number transferred elsewhere for treatment:

Syphilis.....	752	
Gonorrhoea	157	
Double Infection.....	40.....	949

Total number of patients discharged from Clinics 3,297

Number of cases referred to Medical Officer of Health:

Sources of infection.....	253	
Contacts.....	160	
Non-attendance.....	1,221.....	1,634

Number of cases placed under Venereal Disease Prevention Act..... 358

Number of cases prosecuted under Venereal Diseases Prevention Act..... 105

Total number of out-patient treatments:

Syphilis.....	112,403	
Gonorrhoea.....	15,681.....	128,084

Total number of in-patient days:

Syphilis, 1137 patients.....	7,935	
Gonorrhoea, 246 patients.....	2,636.....	10,571

DIVISION OF MATERNAL AND CHILD HYGIENE AND
PUBLIC HEALTH NURSING

J. T. PHAIR, M.B., D.P.H., *Director.*

Deaths among mothers and infants have been a subject of unwaning interest both to the public and the profession alike for many years. Since it is realized that the underlying conditions leading to the death of a mother or an infant in the neo-natal period may be associated either directly with the puerperal state or may have their origin in causes far removed from the immediate pregnancy, the Department has continued its practice of studying the individual reports of these cases. These reports are supplied by hospital authorities and the private physicians concerned. The review of the reports submitted and other relevant data shows that in the year 1941 (the last year for which statistical information is available) there were approximately 72,500 births in the Province, and that these deliveries resulted in the deaths of 219 mothers.

While it is regrettable that this wastage of life occurred it is gratifying to note that some progress has been made in our efforts to control deaths associated with maternity, the maternal death rate being 3.0 per 1,000 living births, the lowest rate on record. After maintaining a more or less stationary rate of between five and six per thousand living births for many years, this rate has shown a definite downward trend since 1936. This decline has been most marked in the last four years and there is every reason to hope that the present more favourable condition will be maintained. A better appreciation by the public of the value of prenatal care from the inception of pregnancy, better obstetrical teaching and the newer chemotherapy have all contributed to this more satisfactory figure.

Toxaemia was the outstanding cause of death in the year 1941, accounting for approximately 25 per cent. of the total puerperal deaths. Although this is an appreciable reduction over the previous year there is still room for improvement. While it is accepted that there will always be a number of deaths from toxaemia which cannot be prevented even in patients receiving the most careful prenatal care, there is an irreducible minimum which has not been reached and its closer approximation still presents a challenge. Infection was responsible for the next highest group of deaths. The International List of Causes of Death now couples those reported as dying of puerperal phlegmasia, alba dolens, thrombosis and embolism with puerperal infection. This enlarged group constitutes about 24 per cent. of the maternal deaths. It is difficult to draw a sharp line of demarcation between exogenous and endogenous infection in these cases in considering preventable causes but irrespective of the cause the number of deaths has been substantially lowered by the use of the sulphonamide preparations and with their continued judicious administration and the possibility of further advances in this field of treatment, we are hopeful of an even greater reduction. While hemorrhage still presents a formidable causative factor in deaths in pregnancy, accounting for 12 per cent., it is encouraging to note that in this category too there has been an appreciable reduction. The more general use of whole blood, plasma, serum or blood substitutes in the treatment of these cases may still further reduce fatalities from this cause.

The stillbirth rate is slightly lower than in the preceding year, a rate of 28 per 1000 total births in comparison with 28.9 in 1940. A study of recent reported stillbirths delivered in hospitals is under way and while any statement on this

phase of the problem would be premature, there is some evidence that there is probably no cause of infant death entirely independent of the general well-being of the mother and of her previous medical and reproductive histories. It is hoped that a more precise knowledge of this relationship will permit of more effective control. This is particularly applicable when it is noted that practically 60 per cent of the deaths under one year of age occurred in the first month of life.

There has been an increase in the infant death rate, namely, 45.2 as compared to 42.9 of the previous year. While naturally an increase is disappointing it was not unexpected. An increased birth rate in wartime is almost bound to result in a rising infant death rate. The increase is apparently distributed over all the causes with the exception of respiratory disease and diseases of early infancy. A substantial rise in deaths from diarrhoea is noted. Overcrowding, war marriages, employment of mothers, are suggested contributants to this condition.

The practice of assisting certain municipalities in preschool medical examinations has been continued by the Division over this past year. This co-ordinated effort on the part of parents and physicians plays a part in promoting the health and future welfare of the child as well as favourably influencing both the parent and child in the use of community agencies.

In view of the fact that rheumatic fever and its consequent tendency to cardiac involvement is a significant problem in public health, this Division has taken advantage of the opportunity of reviewing the reports of the findings following medical examinations of the applicants for admission to the teacher-training schools over the last seven years. These examinations are carried out by the staff of the Division at the request of the Minister of Education. Records of some 9,000 students, presumably in good health, were studied; approximately 75 per cent of these were girls. 3 per cent. of all students gave either a history of rheumatic fever or were suffering from rheumatic heart disease. There appeared to be little difference in the incidence of the disease between the sexes; as a matter of fact the incidence was slightly higher in the boys. This is at variance with the usual findings as reported but may in part be explained by the presumption that the boy having knowledge of his condition and its potential handicap has sought a profession which he hopes will make less in the way of physical demands on him than others. This study supports the findings of previous investigations, namely, that this disease is endemic (see following table) and prevails everywhere with uneven distribution.

The percentage is based on the total number of students from each County applying to teacher-training schools.

INCIDENCE OF RHEUMATIC FEVER OR RHEUMATIC HEART DISEASE
AMONG THESE STUDENTS IN EACH COUNTY

COUNTIES (including Cities)	Percentage of Total Students	Percentage of Boys	Percentage of Girls
Addington.....	11.5	.....	13.6
Algoma.....	3.6	4.3	3.4
Bruce.....	2.7	5.8	1.7
Brant.....	5.3	5.0	5.4
Carlton.....	1.3	.8	1.4
Cochrane.....	2.7	.....	3.3
Dufferin.....	4.2	.....	5.5
Dundas.....	2.1	.....	2.9
Durham.....	3.1	4.1	2.8
Elgin.....	2.8	7.1	1.4
Essex.....	3.4	1.5	3.9
Frontenac.....	4.5	5.2	4.4
Glengarry.....	1.0	.....	1.3
Grenville.....	3.7	6.2	2.6
Grey.....	6.0	7.5	5.5
Haldimand.....	2.7	.....	3.5
Haliburton.....	.....	.....	.....
Halton.....	3.4	.....	4.4
Hastings.....	5.1	13.3	3.4
Huron.....	2.6	7.6	1.3
Kenora.....	1.9	.....	2.1
Kent.....	1.9	2.5	1.8
Lambton.....	2.7	7.1	1.4
Lanark.....	2.4	9.0	.....
Leeds.....	1.0	5.8	.....
Lennox.....	6.4	22.2	.....
Lincoln.....	1.7	5.3	1.0
Manitoulin.....	.....	.....	.....
Muskoka.....	.....	.....	.....
Nipissing.....	3.7	6.1	3.0
Norfolk.....	1.7	16.6	.....
Northumberland.....	3.2	7.1	2.1
Ontario.....	11.2	17.6	7.8
Oxford.....	3.7	8.8	1.9
Parry Sound.....	1.5	7.6	.....
Peel.....	2.5	10.0	.....
Perth.....	3.0	1.3	3.6
Peterborough.....	.7	2.8	.....
Prescott.....	2.4	1.2	2.8
Prince Edward.....	1.2	12.5	.....
Rainy River.....	.....	.....	.....
Renfrew.....	2.4	5.0	2.0
Russell.....	6.2	12.9	4.1
Simcoe.....	4.0	6.3	3.5
Stormont.....	1.0	.....	1.3
Sudbury.....	.....	.....	.....
Thunder Bay.....	4.4	.....	5.1
Temiskaming.....	2.4	.....	2.8
Victoria.....	2.4	5.2	1.6
Waterloo.....	2.9	1.8	3.5
Welland.....	3.8	2.2	4.4
Wellington.....	3.1	.....	4.0
Wentworth.....	2.6	3.6	2.2
York.....	4.3	4.2	4.3

It is impossible to offer a satisfactory explanation for the wide range of difference in the incidence in the various parts of the Province. While the identity of the causative organism of rheumatic fever is still in doubt it is generally conceded to be the streptococcus group. That environmental and nutritional factors play a part is presumed. The influence of heredity is the subject of continued investigation. The importance of rheumatic fever as a cause of death and a contributant to heart disease in childhood justifies the best efforts of all concerned to devise measures for its control.

PUBLIC HEALTH NURSING

EDNA L. MOORE, REG. N., *Chief Public Health Nurse.*

Increasing interest in the establishment of public health nursing services on the part of municipal and county officials brought many enquiries for information with numerous requests for staff members to visit and discuss the application of such programmes to local situations. In the field of Industrial Nursing there was notable activity. Many appointments were made including a number of qualified public health nurses. At the close of the year the total number of nurses in Industry had exceeded three hundred and fifty.

A Refresher Course on Industrial Nursing offered by the University of Toronto School of Nursing in October was attended by one hundred and twenty-five nurses, the majority of whom were sent by the managers of the industries with which they are engaged. Miss Olive Whitlock, R.N., Consultant in Nursing to the Division of Industrial Hygiene of the United States Public Health Service, was the visiting lecturer.

Concern for the health of the students in Secondary Schools continued to develop. In a large number of communities some type of service was extended to this group. The City of Toronto Department of Health organized a program for the students in the Collegiates, High Schools of Commerce and Vocational Schools.

The towns of Picton and Parry Sound inaugurated public health nursing services. The township of East York and the cities of Kingston and Chatham increased their public health nursing staffs. In Guelph the Boards of Health and Education and Separate School entered into an amalgamation, thus providing a generalized public health nursing service. The staff now includes a supervisor and three staff nurses.

The information relating to the extent and adequacy of medical care carried out in five townships of the Muskoka district collected last year was tabulated and the results interpreted in a report to the officials of the municipalities and the Muskoka Community Project executive. In June, following a request for a service, two members of the public health nursing staff were assigned to the five townships where the study had been made and an adjacent township in the County of Haliburton. This area has a rather widely distributed population of approximately four thousand. The service offered is a completely generalized one including bedside care on a visit basis, where a physician is in charge of the case, attendance at confinement with a physician and nursing supervision to expectant mothers, infants, pre-school, school children and crippled children, assistance with immunization programmes, efforts in the control and prevention of tuberculosis and other health needs that may arise. The programme is in the nature of a demonstration.

The significance of the contribution to be made by the nursing group in the field of Civilian Defence prompted the appointment of the Chief Public Health Nurse as Consultant in Nursing to the Medical Director, Civilian Defence Committee.

There was a larger-than-usual number of public health nursing appointments made, partly because of enlistments. Nevertheless, with the return to active professional life of several married public health nurses, the vacancies, with two exceptions, were filled promptly.

The many changes in nursing personnel have added materially to the work of the Supervisory Staff (four). Visits were made to one hundred centres and forty-two newly appointed nurses were introduced to the work of their districts. Reports were prepared of the lectures and discussions of a Refresher Course in Child Hygiene given at the University of Toronto School of Nursing. Copies of the report were distributed to the public health nurses of the Province. A summary of the material presented during a Unit of Teaching relating to Health Services in Secondary Schools was also drawn up. Copies of this summary are available on request and a considerable number have been distributed. A Secondary School Health Record form was developed.

A bulletin dealing with Nutrition and other topics was sent out early in the year. During July three nurses were taken on the staff for the purpose of demonstrating the nursing techniques of the Kenny method of treatment for poliomyelitis. Demonstrations were given throughout the Province in centres where facilities exist for the hospital care of patients suffering from acute communicable diseases.

While the available staff members assisted with the programme for the examination of students seeking admission to the normal schools of the Province and the College of Education at Toronto, it was necessary to secure five additional nurses for one week.

Field practice for graduate and under-graduate students in public health was planned with the co-operation of municipal health agencies. These periods of one month provide an opportunity for students to apply the theoretical knowledge they have acquired to varied situations, while under supervision, and thus to develop judgment and skill.

Miss Hilda Pennock of the Supervisory Staff was granted leave-of-absence from October 1st to January 31st to attend a four-month course in Administration and Supervision in Public Health Nursing at the School for Graduate Nurses, McGill University.

Miss Ora A. Lefler, who since April, 1940, was on leave-of-absence from the Department for duty with the United Counties Health Unit, returned to the staff June 22, 1942.

The resignation in October of Miss Ruth Hinchcliffe, B.A., after eight years of competent service as Secretary, was a severe loss to the nursing staff.

Visitors to the Department during the year were:—

Miss Muriel Hunter, Director of Nursing, New Brunswick Department of Health; Miss Laura Johnson, Rockefeller, student from Manitoba; Miss Wong, Rockefeller student; Misses Madden, Parker and Robertson, of Winnipeg Department of Health; and Miss Olive Whitlock, the United States Public Health Service.

Throughout the year constant care has been directed toward the co-ordination of effort and the conservation of time and energy for the more important tasks. With the multiplied demands upon public health nursing services it will be increasingly necessary to direct attention to the need for critical examination of every programme with respect to their relative essentialness and the possibility for co-ordination with other programmes or activities in order that waste may be eliminated and the best achievable service be realized.

DIVISION OF TUBERCULOSIS PREVENTION

G. C. BRINK, M.B., *Director.*

During the year 1941 the tuberculosis mortality rate in Ontario rose from 26.9 per hundred thousand of population to 29.0. This is the first significant increase Ontario has had in the death rate from tuberculosis since the years 1915 and 1916.

It is interesting to note, however, that Ontario for the first time in its history had the lowest death rate from tuberculosis among all the Provinces. With the exception of British Columbia and Manitoba every Province in the Dominion showed an increase, and there can be little doubt that the transition from peace to war activities considerably influenced this rise.

There is some support for the opinion that there will be a progressive rise in the tuberculosis death rate during the continuation of this present war similar to that which has been experienced during past wars, but the Department is convinced that measures can be taken to anticipate and prevent the causes of a war-time rise in the tuberculosis death rate. Such measures, of course, must presume adequate medical, nursing and sanatorium personnel, and this above all else is becoming the most acute problem.

Convincing evidence may be presented to show that tuberculosis is most prevalent in the age groups which are most vitally affected by war. Approximately 68% of all persons admitted to sanatoria are in the age group twenty to forty-nine years, but this is the age group most seriously concerned with the expansion of industry, commerce and the armed services. Thus, thousands of individuals from all walks of life, many of whom had never previously been employed, particularly females, have been brought together in factories, offices and camps and are undertaking work in many cases without the preliminary seasoning that prepares and hardens them for the physical and mental strain involved. This, together with the overcrowding of housing facilities in industrial areas which have "mushroomed" overnight, has created a situation most favourable for the spread of tuberculosis unless extraordinary precautions are taken.

Already hampered by a shortage of professional staff, the Division was compelled to devise means not only to continue its existing program but also to extend it to meet this new problem.

Individuals ineligible for war services were given intensive training as X-ray technicians, and were taught to conduct X-ray clinics unaccompanied by physicians. Arrangements were then made for the reading in the Central Office in Toronto of all films taken by the travelling clinics. Although the Department had released one-third of its clinic physicians for war services or essential civilian duty, it was thus able to continue a service which all parts of the Province had come to expect.

It is noteworthy that the whole-hearted and generous support of practising civilian physicians in the districts covered by the travelling X-ray clinics eliminated any objections that might have arisen from clinics operated without the direction of a physician-in-charge.

The very urgent need of extending the instruments of tuberculosis control because of the increased hazards associated with war-time activities then had to be faced. It was clear from the start that the war-time spread of tuberculosis could be checked only by the mass X-ray surveying of individuals most involved in war-time activities. The Department of National Defence in the Autumn of 1939, had the vision to inaugurate a chest examination of every recruit entering the armed services, and this limited the problem of the Department to civilians engaged in war industries.

During 1941 the Department conducted experiments with a Photo-Roentgen mobile unit taking miniature X-ray films of the lung, and found it most efficient in mass survey work. A technique was developed which permits the surveying of employees to be conducted during working hours with practically no interference with the production of the industry concerned. The X-ray machine is set up in a section of the war plant, and the technicians operate in shifts corresponding with those of the employees. It is possible to take on the average one chest X-ray film per minute. This means that the employee being examined in this manner is not absent from his bench, desk or machine for longer than ten minutes. All X-ray films are returned to the Central Office for reading.

The Department is satisfied that with sufficient of these machines in operation much can be done to prevent the anticipated rise in tuberculosis, and with this in view has already made arrangements to acquire and to put into operation more of these machines. So far the Department has selected representative industries in which to conduct such surveys, and eventually it is hoped that this service will be available for all industry.

Gratifying results of the chest X-ray examinations of the Armed Forces and the mass X-ray surveys conducted in industry have already been reflected in the Department's statistics. The number of individuals between the ages of twenty and twenty-nine years admitted to sanatoria in 1941 rose two per cent., but the percentage of this age group admitted with far advanced disease dropped from 35.6% in 1940 to 27.6% in 1941—an improvement of eight per cent. It is not unreasonable to associate this improvement with the X-raying of soldiers and civilians in war industry. The popularity with which these surveys have been received by employees and industry alike leads one to believe that in any post-war planning for anti-tuberculosis work such surveys would ideally fit into the pattern of diagnostic facilities of a permanent peace-time program.

When one considers that the death rate from tuberculosis might fall as much as 75% if all unsuspected and unrecognized cases of tuberculosis among the population could be discovered and hospitalized before they reach moderately or far advanced stages, it is appreciated what tremendous potentialities mass X-ray surveys offer.

Experience in Ontario shows that every expansion of diagnostic facilities must be followed by a corresponding expansion of bed facilities, and though the evidence of the increasing need of more beds is usually considerably in arrears of the commencement of the program, preparation for more beds should be started at the same time. If the planned diagnostic program of the Province is fulfilled, the building and equipping of an additional three hundred beds should be immediately commenced. This takes into account the estimated requirements for men returning from service overseas who will require sanatorium treatment.

TABLE I
TUBERCULOSIS DEATH RATES IN CANADA BY PROVINCES, 1921 and 1941
(Rates per 100,000 population)

	1921	1941	Per cent. Reduction
CANADA.....	87.7	52.8	39.5
Prince Edward Island.....	143.8	73.6	48.8
Nova Scotia.....	134.0	74.2	42.4
New Brunswick.....	106.4	68.6	35.5
Quebec.....	123.2	80.6	34.5
Ontario.....	71.0	29.0	59.1
Manitoba.....	68.9	44.9	34.8
Saskatchewan.....	42.5	31.7	25.4
Alberta.....	53.2	41.3	22.3
British Columbia.....	77.7	65.2	16.0

TABLE II
DEATHS AND DEATH RATES FROM TUBERCULOSIS FOR CANADA AND
PROVINCES—1941

	Number of Deaths	Rate per 100,000 population
CANADA.....	6,051	52.8
Prince Edward Island.....	70	73.6
Nova Scotia.....	423	74.2
New Brunswick.....	314	68.6
Quebec.....	2,681	80.6
Ontario.....	1,097	29.0
Manitoba.....	328	44.9
Saskatchewan.....	286	31.7
Alberta.....	328	41.3
British Columbia.....	524	65.2

TABLE III
*TUBERCULOSIS DEATH RATES BY PROVINCES—INDIANS EXCLUDED
1921 AND 1941
(Rates per 100,000 population)

	1921	1941	Percent Reduction
CANADA.....	87	47	46
Prince Edward Island.....	144	74	48
Nova Scotia.....	134	72	46
New Brunswick.....	106	67	37
Quebec.....	122	80	34
Ontario.....	71	26	63
Manitoba.....	69	30	58
Saskatchewan.....	43	21	51
Alberta.....	53	24	54
British Columbia.....	78	46	40

*Prepared by the Canadian Tuberculosis Association.

TABLE IV

*PROPORTION OF TREATMENT BEDS IN CANADA TO DEATHS FROM TUBERCULOSIS—1941

	Deaths	Beds	Ratio of Beds per Death
CANADA	6,051	11,301	1.9
Prince Edward Island.....	70	82	1.2
Nova Scotia.....	423	597	1.4
New Brunswick.....	314	540	1.7
Quebec.....	2,681	3,503	1.3
Ontario.....	1,097	3,638	3.3
Manitoba.....	328	920	2.8
Saskatchewan.....	286	762	2.7
Alberta.....	328	409	1.2
British Columbia.....	524	850	1.6

*Prepared by the Canadian Tuberculosis Association.

PART I.

REPORT OF THE WORK DONE BY THE TRAVELLING CHEST CLINICS

The work of the chest clinics has been curtailed because of shortage of staff and preference has been given to survey work in selected groups. As a result clinics conducted by the central office were practically discontinued. The Ottawa office was closed for three months and the Fort William and North Bay offices for one month each.

Toronto Unit—5 clinics in 5 centers:

Oshawa, Owen Sound, Wiarton, Wallaceburg and Chatham.

Ottawa Unit—21 clinics in 12 centers:

Ottawa—9 clinics; Pembroke (2 visits); and one in each of the following: Prescott, Hawkesbury, Smith's Falls, Renfrew, Carleton Place, Arnprior, Eganville, Plantagenet, Casselman and Rockland.

Belleville Unit—23 clinics in 10 centers:

Belleville—11 clinics; Brockville (2 visits); Cobourg (2 visits); Peterborough (2 visits); and one in each of the following: Napanee, Marmora, Tweed, Havelock, Haliburton and Bancroft.

Timmins Unit—27 clinics in 9 centers:

Timmins—12 clinics; 2 visits to each of the following: Iroquois Falls, Englehart, Cochrane, Hearst, Kapuskasing, Moonbeam, Smooth Rock Falls; and one visit to Larder Lake.

North Bay—39 clinics in 19 centers:

(a) North Bay—12 clinics; Sudbury (4 visits); Sault Ste. Marie (4 visits); Mattawa (2 visits); and one visit to each of the following: Chapleau, Sturgeon Falls, Verner, Parry Sound, Huntsville, Little Current, Gore Bay, Mendenoya, Killarney, Manitowaning, Richard's Landing, Thessalon, Elind River, Massey and Espanola.

(b) Surveys of three Indian Schools—Spanish, Chapleau and Sault Ste. Marie.

Fort William Unit—29 clinics in 17 centers:

(a) Fort William (several small clinics); Kenora (3 visits); Geraldton (2 visits); Nipigon (2 visits); Rainy River (2 visits); Emo (2 visits); Fort Frances (2 visits); Dryden (2 visits); Sioux Lookout (2 visits); and one visit to each of the following: Nakina, Armstrong, Heron Bay, Beardmore, Nolalu, Upsala and Schrieber.

(b) One clinic in a lumber camp.

(c) Surveys of three Indian schools—St. Joseph's boarding school, Fort William; Pelican Lake School, Sioux Lookout; and Fort Frances Indian School.

TABLE V
SUMMARY OF WORK OF TRAVELLING CLINICS

FINDINGS	Examinations	Toronto	Ottawa	Belle-ville	Tim-mins	North Bay	Fort William	Totals
1. Pulmonary Tuberculosis.....	First Repeat	38 69	52 163	107 375	75 314	164 509	64 189	500 1619— 2119
(a) Active.....	First Repeat	5 4	20 18	31 35	27 23	58 43	32 26	173 149— 322
Inactive.....	First Repeat	33 65	32 145	76 340	48 291	106 466	32 163	327 1470— 1797
(b) Newly discovered.....	First Repeat	24 2	33 15	61 13	42 9	112 25	154 16	326 80— 406
Already known.....	First Repeat	14 67	19 148	46 362	33 305	52 484	10 173	174 1539— 1713
(c) Childhood (Primary Infection)	First Repeat	0 2	2 13	9 17	3 27	16 33	12 34	42 126— 168
Minimal.....	First Repeat	21 19	24 88	63 189	31 137	86 201	32 78	257 712— 969
Moderately Advanced.....	First Repeat	10 37	17 59	22 120	23 108	44 224	13 52	129 600— 729
Far Advanced.....	First Repeat	7 11	9 3	13 49	18 42	18 51	7 25	72 181— 253
2. Extra-Pulmonary Tuberculosis.....	First Repeat	0 2	1 2	0 4	3 4	1 1	1 5	6 18— 24
3. Suspected Tuberculosis.....	First Repeat	0 2	3 6	13 7	14 8	8 4	2 1	40 28— 68
4. Recommended for Sanatorium.....	First Repeat	4 3	22 15	26 26	24 22	53 38	20 21	149 125— 274
5. Non-Tuberculous Chest Disease.....	First Repeat	25 8	19 28	130 62	31 29	80 43	35 35	320 205— 525
6. No Disease.....	First Repeat	302 167	522 457	1218 630	1219 841	1953 1037	909 854	6123 3986—10109
7. Number Individuals Examined.....		613	1206	2365	2367	3507	1936	.....—11994
8. Pneumothorax Refills Given.....		0	22	770	515	0	0	.....— 1307
9. Totals.....	First Repeat	365 248	597 656	1468 1078	1342 1196	2206 1594	1011 1084	6989 5856—12845
10. Total Number of Examinations.....		613	1253	2546	2538	3800	2095	12845

NEWLY DISCOVERED CASES—TOTAL, 406

1. 406 new cases of tuberculosis were found.
2. 197, or 48.52%, gave a history of contact with tuberculosis; 209, or 51.48%, gave no history of contact.
3. 164, or 40.39%, were recommended for sanatorium. Of these 71, or 43.29% did not realize they were ill, as follows:—

Childhood (Primary Infection)	8
Minimal.....	37
Moderately advanced.....	20
Far advanced	6
	71

71

4. Of the 197 cases giving a history of contact with tuberculosis, 164, or 83.29%, attended the clinic because of contact only and with no symptoms referable to the chest.

TABLE VI

TABLE SHOWING RELATION OF NUMBER OF NEW CASES OF TUBERCULOSIS DISCOVERED TO NUMBER OF CONTACTS EXAMINED

AGE GROUPS	Number Contacts Examined For First Time	Number Cases of Tuberculosis Discovered (Primary Infection Type not included)	Percentage of Contacts Examined Showing Disease %	Number Cases of Active Tuberculosis Discovered (Primary Infection Type not Included)	Percentage of Contacts Examined Showing Active Disease %
0 to 4	214	0	.....	0	.....
5 to 9	386	9	2.30	8	2.07
10 to 14	393	15	3.81	14	3.56
15 to 19	242	10	4.13	9	3.72
20 to 24	278	9	3.24	6	2.16
25 to 29	240	13	5.41	10	4.17
30 to 39	354	16	4.52	7	1.97
40 to 49	208	16	7.69	8	3.84
50 to 59	117	7	5.89	4	3.41
60 to 69	59	4	6.78	2	3.39
70 and over	12	3	2.50	0	.....
Totals	2,503	102	4.07	68	2.71

TABLE VII
SUMMARY OF NEWLY DISCOVERED CASES

CLASSIFICATION	Number	Percentage of Total %	Percentage of Number with re-Infection (Adult) Type of Disease %
Pulmonary:			
Childhood (Primary Infection)	58	14.28	.....
Minimal.....	217	53.45	63.27
Moderately Advanced.....	71	17.49	20.69
Far Advanced.....	55	13.55	16.04
Extra-pulmonary.....	5	1.23	.....
TOTAL.....	406	100.00	100.00

CASES RECOMMENDED FOR SANATORIUM

- 274 cases were recommended for sanatorium.
- 149 or 54.38% were recommended on first examination, while 125 or 45.62% were on repeat examination.
- 88 did not realize they were ill—as follows:

Childhood (Primary Infection)	4
Minimal	42
Moderately advanced.....	30
Far Advanced	12

TABLE VIII
CLASSIFICATION OF CASES RECOMMENDED FOR SANATORIUM TREATMENT

CLASSIFICATION	Number	Percentage of Adult %	Percentage of Number with Adult Type of Disease %
Pulmonary Tuberculosis—			
Childhood (Primary Infection)....	8	2.92	.....
Minimal.....	87	31.75	34.37
Moderately Advanced.....	93	33.94	36.78
Far Advanced	73	26.64	28.85
Extra Pulmonary Tuberculosis.....	6	2.19	.....
Pleurisy with Effusion.....	4	1.46	.....
Suspects.....	2	.73	.....
Hydro pneumothorax.....	1	.37	.....
Totals.....	274	100.00	100.00

TABLE IX
 CLASSIFICATION (on last examination) OF PATIENTS WHO HAD RECEIVED SANATORIUM TREATMENT—Total 851

Age Groups	Sex	No Tuberculous Disease	Childhood		Minimal		Moderately Advanced		Far Advanced		Extra Pulmonary		Pleurisy with Effusion	Thickened Pleura	Hydro Pneumothorax	Fungus Infection	Empyema	Sifiosis
			Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive						
0 to 4	M	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 to 9	M	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
10 to 14	M	2	...	5	1	2	...	...	...	...	...	...	...	...	...	...	...	...
	F	3	...	2	1	7	...	2	...	...	1	...	...	...	...	...	...	...
15 to 19	M	2	...	1	...	9	...	2	...	1	...	...	...	...	...	...	...	...
	F	4	...	3	...	13	3	7	...	...	...	...	1	...	...	...	...	...
20 to 24	M	1	...	...	...	24	...	14	...	3	...	...	...	...	...	...	...	...
	F	4	...	1	2	40	4	29	2	8	...	1	2	2	1	...	...	...
25 to 29	M	4	...	...	...	11	...	23	4	4	...	...	1	...	...	...	...	...
	F	3	...	...	...	28	1	31	1	9	...	1	2	...	...	...	...	...
30 to 39	M	4	...	1	...	29	...	45	4	17	...	1	2	...	...	1	...	...
	F	4	...	...	4	66	3	69	2	12	...	...	1	...	...	1	...	...

TABLE IX—Continued
 CLASSIFICATION (on last examination) OF PATIENTS WHO HAD RECEIVED SANATORIUM TREATMENT—Total 851

Age Groups	Sex	No Tuberculous Disease	Childhood		Minimal		Moderately Advanced		Far Advanced		Extra Pulmonary		Pleurisy with Effusion	Thickened Pleura	Hydro Pneumothorax	Fungus Infection	Empyema	Silicosis
			Ac-tive	Inac-tive	Ac-tive	Inac-tive	Ac-tive	Inac-tive	Ac-tive	Inac-tive	Ac-tive	Inac-tive						
40 to 49	M	1	...	1	22	1	48	2	16	...	...	...	...	...	...	...	...	2
	F	2	...	...	21	5	27	1	6	...	...	...	...	...	...	...	...	...
50 to 59	M	...	...	1	9	1	24	1	11	...	...	...	...	...	...	...	...	...
	F	1	...	...	1	1	11	1	2	...	1	...	...	...	...	...	...	...
60 to 69	M	...	...	...	2	...	10	...	4	1	...	...	...	...	...	...	...	...
	F	...	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...
70 and over	M	...	...	...	1	...	2	...	1	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	...	35	16	11	289	19	345	18	94	1	5	2	9	2	2	1	2	2

Remarks on Table IX:

1. 850 persons who had received treatment in sanatorium attended the clinics.
2. In 35, or 4.1% the disease by X-ray had cleared or become so well healed that it was not considered a factor at the present time.
3. Of the 798 with tuberculous disease still evident 49 or 6.1% were considered to be active and in need of further sanatorium treatment; 749 were considered to have inactive disease.

TABLE X
CHANGES IN DIAGNOSIS ON REPEAT EXAMINATIONS
DIAGNOSIS AT CLINIC EXAMINATION—1942

PREVIOUS DIAGNOSIS	Totals	No Change	No Disease	Suspects	Childhood Primary Infection		Minimal		Moderately Advanced		Far Advanced		Extra Pulmonary Tuberculosis	Thickened Pleura	Pleurisy with Effusion	Bronchiectasis	New Growth	Other Chest Condition
					Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive						
No Disease.....	3970	3866	....	8	4	12	14	26	9	1	4	....	1	7	1	....	....	17
Suspects.....	57	19	24	....	....	1	4	7	....	....	2	....	....	....	....	....	....	....
Active.....	17	3	4	....	....	9	....	....	1	....	....	....	....	....	....	....	....	....
Childhood (Primary Infection) Inactive.....	125	95	26	....	....	....	4	....	....	....	....	....	....	....	....	....	....	....
Active.....	73	11	9	....	....	1	....	43	....	5	2	1	....	1	....	....	....	....
Minimal Inactive.....	620	556	27	1	....	....	16	....	10	9	....	....	....	1	....	....	....	....
Active.....	71	11	....	....	....	....	1	10	....	44	4	1	....	....	....	....	....	....
Moderately Advanced Inactive.....	527	481	1	....	....	....	....	17	18	....	5	4	....	1	....	....	....	....
Active.....	48	18	1	....	....	....	....	1	1	5	....	22	....	....	....	....	....	....
Far Advanced Inactive.....	123	112	....	....	....	....	....	....	....	5	6	....	....	....	....	....	....	....
Extra Pulmonary Tuberculosis	17	17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Thick. Pleura	78	60	13	....	1	....	....	2	....	....	....	....	....	....	....	1	1	....
Pleurisy with Effusion.....	17	7	4	....	....	....	....	....	....	....	....	....	....	5	....	....	....	1
Other Non-Tbc. Chest Condit'ns	115	104	11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
.....	.....	5360	120	9	5	23	39	106	39	69	23	28	1	15	1	1	1	18

PREVIOUS DIAGNOSIS

Remarks on Table X:

1. Of 3,970 persons examined by our Travelling Clinics in some previous year and classified as having no disease, 72, or 1.8%, developed some form of tuberculous disease.

2. Of 1,270 persons examined by our Travelling Clinics in some previous year and classified as having inactive, re-infective type of disease, 55 or 4.3% had become reactivated.

3. Of 57 persons examined by our Travelling Clinics in some previous year and classified as suspects, 13 or 22.8% developed some type of disease.

4. Of 142 persons examined by our Travelling Clinics in some previous year and classified as having childhood (primary infection) type of disease, only 5 or 3.5% had developed reinfection type of pulmonary tuberculosis.

5. Of 693 persons examined by our Travelling Clinics in some previous year and classified as having minimal disease, in only 27 or 3.9% had the disease extended.

6. Of 527 persons examined by our Travelling Clinics in some previous year and classified as having moderately advanced, inactive disease, 23 or 4.4% had become active.

7. Of 123 persons examined by our Travelling Clinics in some previous year and classified as having advanced, inactive disease, 6 or 4.8% had become active.

8. The above illustrates the value of periodic examination of those individuals whose disease has been classified as being inactive.

TABLE XI
CLASSIFICATION OF NON-TUBERCULOUS CHEST CONDITIONS
(Excluding Pleurisy)

	1st Examination	Repeat Examination	Total Examinations
Pneumonia.....	51	25	76
Chronic Bronchitis.....	48	11	59
Bronchiectasis.....	27	27	54
Heart Disease.....	27	11	38
Asthma.....	14	8	22
Silicosis.....	10	9	19
Cancer (provisional diagnosis).....	8	6	14
Lung Abscess.....	5	6	11
Empyema (non-tuberculous).....	4	1	5
Atelectasis.....	1	2	3
Hydro-pneumothorax.....	1	2	3
Spontaneous pneumothorax.....	2	1	3
Cyst of Lung.....	2	1	3
Fungus Infection.....	0	2	2
Diaphragmatic Hernia.....	1	1	2
Lung Infarct.....	1	0	1
Hodgkins Disease.....	1	0	1
Fibrosis of Lung.....	0	1	1
Non-tuberculous infections or undiagnosed conditions.....	10	5	15
Totals.....	213	119	332

TABLE XII
SUMMARY OF CLINIC EXAMINATIONS—SANATORIUM EXTENSION AND MUNICIPAL CHEST CLINICS

	TORONTO CLINICS										MUNICIPAL CLINICS										Totals
	Hosp. for Sick Children	St. Michael's Hospital	St. Joseph's Hospital	Women's Col. Hospital	Legge Hospital	Toronto Gen. Hospital	Western Hospital	Gage Institute	Brantford Sanatorium	Cornwall Sanatorium	Fort William Sanatorium	Gravenhurst Sanatorium	Halleybury Sanatorium	Hamilton Sanatorium	Kinston Sanatorium	Ritchener Sanatorium	London Sanatorium	Ottawa Sanatorium	St. Catharines Sanatorium	Windsor Sanatorium	
1. First EXAMINATIONS:																					
Active	13	0	0	0	0	0	0	0	0	9	6	2	0	0	2	11	6	5	8	9	1
Inactive																					
1. Primary Infection (Childhood)—Active.....	11	0	0	0	5	21	0	17	18	4	4	4	3	1	3	7	3	8	1	20	126
Inactive.....																					
2. Minimal																					
Active.....	0	2	3	0	6	9	24	4	13	23	7	1	1	10	11	22	10	37	25	11	208
Inactive.....	1	14	6	1	15	20	15	56	31	47	6	12	6	6	3	30	39	74	100	16	463
3. Moderately Advanced																					
Active.....	1	8	6	1	9	43	41	8	10	15	9	2	8	6	6	20	8	42	32	9	281
Inactive.....	0	38	17	1	36	17	40	6	9	6	4	1	3	7	9	7	7	19	47	6	273
4. Far Advanced																					
Active.....	0	8	0	1	6	7	53	5	15	25	3	2	17	9	2	32	22	22	47	6	260
Inactive.....	0	11	0	1	12	6	15	2	5	0	8	0	1	0	0	14	2	2	5	0	85
5. Non-Pulmonary																					
Active.....	1	1	1	0	0	2	0	1	1	4	0	0	0	5	0	2	9	3	8	2	40
Inactive	4	2	1	0	2	5	0	2	0	1	1	1	1	0	1	1	8	5	5	2	41
6. Pleurisy																					
With Effusion.....	1	6	1	0	2	1	0	3	0	12	5	2	8	0	5	10	17	17	20	2	95
Thickened Pleura.	1	1	1	2	1	5	0	23	5	4	12	1	1	0	2	4	0	12	1	0	75
7. Suspects.....	46	22	7	2	40	21	697	47	38	17	9	14	14	14	16	20	0	54	n/s	28	1095
8. Non-Tuberculous Chest Conditions																					
.....	100	192	50	12	29	74	124	74	15	268	18	13	87	62	220	567	131	n/s	117	2183	
9. Undesignated																					
.....	21	3	0	0	1	30	0	0	8	21	51	0	1	2	40	28	16	n/s	n/s	10	232
10. No Tuberculous Disease																					
.....	50	85	12	19	21	61	2603	789	480	411	124	73	165	316	586	715	551	n/s	249	7312	
11. Total first Examinations.	250	396	105	40	185	325	3622	1037	657	864	291	125	328	449	974	1459	1002	4909	543	17361	

TABLE XII—Continued
SUMMARY OF CLINIC EXAMINATIONS—SANATORIUM EXTENSION AND MUNICIPAL CHEST CLINICS

	TORONTO CLINICS										Totals									
	Hosp. for Sick Children	St. Michael's Hospital	St. Joseph's Hospital	Women's College Hospital	Toronto General Hospital	Western Hospital	Gage Insitute	Brantford Sanatorium	Cornwall Sanatorium	Fort William Sanatorium		Gravenhurst Sanatorium	Halleybury Sanatorium	Hamilton Sanatorium	Kingston Sanatorium	Kitchener Sanatorium	London Sanatorium	Ottawa Sanatorium	St. Catharines Sanatorium	Windsor Sanatorium
11. REPEAT EXAMINATIONS:																				
Active.....	9	29	12	1	22	16	70	12	51	27	4	11	49	34	45	118	85	n/s	21	619
1. Pulmonary Tuberculosis.....	140	242	54	6	344	381	688	160	502	432	51	46	534	88	388	400	402	n/s	232	5,180
Inactive.....																				
2. Non-Pulmonary.....	0	1	1	0	0	2	0	1	3	3	0	0	0	0	5	17	4	n/s	3	40
Inactive.....	30	6	2	2	6	19	3	2	16	5	1	0	14	1	18	56	8	n/s	12	201
3. Non-Tuberculous Chest Conditions.....	152	132	44	14	42	132	66	25	17	102	3	3	25	20	66	368	55	n/s	23	1,299
4. Suspects.....	83	41	12	2	43	38	550	12	82	16	2	48	6	15	6	0	24	n/s	8	988
5. Undiagnosed.....	46	3	0	0	4	1	0	1	3	7	9	5	0	0	7	12	10	n/s	11	119
6. No Disease.....	2,123	3,627	941	74	3,066	6,329	2,152	131	412	424	33	280	69	189	653	876	2084	n/s	103	23,375
7. Total No. Re-Examinations.....	2,583	4,093	1,066	99	3,527	6,918	3,529	344	1,086	1,016	108	402	697	347	1,393	4,937	2,672	2,445	408	35,640
8. Total number individuals Re-Examined.....	1,236	625	204	39	647	930	1,867	265	655	527	98	n/s	584	193	943	4,421	1,808	n/s	280	12,402
111. TOTAL NO. EXAMINATIONS.....	2,833	4,489	1,171	139	3,712	7,243	7,151	1,381	1,743	1,880	399	527	10,255	796	2,367	33,946	3,674	8,324	823	53,073
IV NEWLY DISCOVERED CASES OF TUBERCULOSIS:																				
Active.....	17	17	10	2	20	36	121	17	48	55	23	n/s	49	37	35	54	86	n/s	31	658
1st Examination.....	16	12	24	3	20	37	70	0	66	64	36	n/s	12	4	17	22	99	n/s	43	545
Inactive.....																				
Repeat Examinations.....	2	3	2	0	1	4	14	4	16	42	1	n/s	5	9	4	4	18	21	5	155

CLINIC WORK AMONG TREATY INDIANS

Examinations were carried out on Treaty Indians as follows:

(a) Surveys of Indian Schools	399
(b) Referred to Clinics in various centers	677
	1076

TABLE XIII

Result of Clinic examinations of Treaty Indians:

Number of cases of Active Tuberculosis	63
Number of cases of Inactive Tuberculosis.....	109
Number of newly discovered cases of Tuberculosis.....	63
Number of cases recommended for sanatorium.....	50

NOTE:—Not all active cases of tuberculosis were recommended for sanatorium; in some the disease was of the childhood type and in others too advanced for sanatorium treatment to be of avail.

TABLE XIV

THE AVERAGE COST OF DISCOVERING A CASE OF TUBERCULOUS DISEASE ON FIRST EXAMINATION

(Based on an average cost of \$3.35 per clinic examination)

Age Groups	Number of First Examinations	Total Cost of Examinations	Number of Cases Tuberculous Disease Discovered	Average Cost per Case	Number of Cases Discovered Requiring Sanatorium Treatment	Average cost of Discovering a Case Requiring Sanatorium Treatment
0 to 4	299	\$1110.55	10	\$111.05	3	\$370.18
5 to 9	613	2053.55	33	62.23	9	228.28
10 to 14	641	2147.35	29	74.04	19	113.02
15 to 19	745	2495.75	18	138.65	13	191.98
20 to 24	857	2870.45	27	106.31	20	143.52
25 to 29	812	2720.20	31	87.74	19	143.17
30 to 39	1309	4385.15	62	70.72	26	168.65
40 to 49	847	2837.45	49	57.90	19	149.33
50 to 59	554	1855.90	31	59.86	12	154.64
60 to 69	259	2867.65	27	32.13	8	108.45
70 and over	53	177.55	8	22.19	0	177.55
Totals	6989	\$23413.15	325	72.04	148	158.19

TABLE XV

THE AVERAGE COST OF DISCOVERING A NEW CASE OF TUBERCULOUS DISEASE ON REPEAT EXAMINATION

(Based on average cost of \$3.35 per clinic examination.)

Number of Repeat Examinations.....	4,317
Cost of this service.....	\$ 14,461.95
Number of new cases of tuberculosis discovered.....	80
Average cost per case.....	180.77
*Number cases recommended for Sanatorium.....	125
Average cost per case.....	115.69

*Some of these were known cases who had become active again.

NOTE:—The average cost of a clinic examination has fallen from \$4.16, in 1941, to \$3.35, in 1942. The decrease in cost is partly accounted for by the fact that two clinics are operating without a physician in charge and a greater number of people have passed through the clinic, history and X-rays being taken, but no physical examination made. The \$3.35 cost refers to travelling clinics only and not to mass surveys.

MISCELLANEOUS

1. 1,198 films have been interpreted in the Central Office for various agencies—public hospitals, industrial schools and private physicians.

2. 416 films were reported on recruits rejected because of pulmonary tuberculosis.

3. 2,152 films were taken in the Central Office:—167 on applicants; 69 on Provincial Police; 39 for the Mothers' Allowance Commission; 38 on ex-patients of sanatoria receiving post-sanatorium care from the Department; 8 on recruits rejected because of chest conditions; 66 on members of staff of hospitals having no X-ray facilities; 156 on Nurses' aides (Civilian Defence); 429 on members of staff of various departments; 42 on teachers-in-training; 102 on university students; 125 on employees in various industries; 559 on persons referred by staff physicians; and 352 on persons referred by outside physicians.

PART II.

INFORMATION RE TUBERCULOSIS AMONG RECRUITS,
AND ENLISTED MEN AND WOMEN

With the co-operation of the military authorities all recruits (not attested) and all enlisted men and women found to have tuberculosis are reported to this Division.

The following tables give a summary of the findings.

TABLE XVI
RECRUITS REJECTED BECAUSE OF TUBERCULOUS DISEASE
(As of December 31, 1942)

		1939-40	1941	1942	Total
Childhood (Primary Infection)	Active...	0	0	0	0
	Inactive	6	3	7	16
Minimal	Active...	19	30	88	137
	Inactive	81	109	306	496
Moderately Advanced	Active...	34	38	56	128
	Inactive	25	18	38	81
Far Advanced	Active...	4	11	9	24
	Inactive	2	2	0	4
Pleurisy with Effusion		0	0	2	2

Total number ACTIVE cases of Tuberculosis..... 291

Total number INACTIVE cases of Tuberculosis..... 597

NOTE:—The above figures are incomplete in that one centre of one military district is not reporting in full.

Five of the active cases and seven of the inactive cases were women.

TABLE XVII
ENLISTED MEN AND WOMEN REPORTED WITH TUBERCULOUS DISEASE
(As of December 31, 1942)

		1939-40	1941	1942	Total
Childhood (Primary Infection)	Active...	0	0	0	0
	Inactive	2	0	0	2
Minimal	Active...	41	31	36	108
	Inactive	70	9	8	87
Moderately Advanced	Active...	53	15	15	83
	Inactive	27	3	0	30
Far Advanced	Active...	15	2	13	30
	Inactive	1	0	0	1
Pleurisy with Effusion.....		4	13	33	50
Extra Pulmonary Tuberculosis.....		2	3	6	11

Number with ACTIVE Tuberculosis..... 282

Number with INACTIVE Tuberculosis..... 118

NOTE:—Four of the active cases were women.

TABLE XVIII

RECORD OF SANATORIUM TREATMENT AMONG ENLISTED MEN
AND WOMEN AND RECRUITS, Jan. 1, 1940—Dec. 31, 1942)

	Number Admitted to Sanatorium	Number Discharged from Sanatorium	Number Under Treatment as of December 31, 1942
1. Enlisted Men and Women:			
(a) Residents of Ontario.....	294	209	85
(b) Residents of other Provinces or U. S. A.....	20	15	5
(c) Royal Norwegian Forces.....	25	19	6
(d) Royal Dutch Forces.....	2	0	2
(e) Royal Air Force.....	57	37	20
2. Recruits (not attested).....	244	115	129
Totals.....	642	395	247

TABLE XIX

RECORD OF SANATORIUM DAYS
(Enlisted Men and Women, and Recruits)
As of December 31, 1942

	Paid by or through Department of Pensions				Paid by Province of Ontario			
	1940	1941	1942	Total	1940	1941	1942	Total
ENLISTED MEN AND WOMEN:								
I. Residents of Ontario.....	5,846	9,014	20,837	35,697	11,424	12,093	3,726	27,243
II. Residents of other Pro- vinces or U. S. A.....	520	956	1,132	2,608	128	44	0	172
III. Royal Air Force.....	1	5,169	7,910	13,080				
IV. Royal Norwegian Forces.....		2,168	3,367	5,535				
V. Royal Dutch Forces.....			170	170				
Totals.....	6,367	17,307	33,416	57,090	11,552	12,137	3,726	27,415
RECRUITS.....					5,471	19,290	31,575	56,336

Total number of days paid by or through Department of Pensions..... 57,090

Total number of days paid by Province of Ontario..... 83,751

PART III.

TUBERCULIN TESTING AND X-RAYING OF STUDENTS IN
NORMAL SCHOOLS AND THE COLLEGE OF EDUCATION

The Division co-operated with the Department of Education in carrying out this work.

TABLE XX

	Number Enrolled	Number Tuberculin Tested	Number of Reactors	Percentage of Reactors %	Number X-Rayed	Number Showing Evidence Active Tuberculous Disease	Percentage with Active Tuberculous Disease %
Normal Schools.....	941	855	186	21.7	262	2	.21
College of Education....	141	140	39	27.9	43	0	.....

PART IV.

RECORD OF TUBERCULIN TESTING AND X-RAYING OF GRADUATE AND NON-GRADUATE NURSES IN PUBLIC AND RED CROSS HOSPITALS, HOSPITALS FOR INCURABLES AND SANATORIA—1942

TABLE XXI

	INSTITUTIONS REPORTING	Number Reported	Number Reactors	Percentage Reactors %	Number X-Rayed	Number Previously Known Cases of Tuberculous Disease	Number Newly Discovered Cases of Tuberculous Disease	Percentage of Total with Newly Discovered Tuberculous Disease %
GRADUATES	Public and Red Cross Hospitals.	3,502	2,138	61.0	2,447	13	6	.17
	Hospitals for Incurables	125	35	28.0	48	2	0	.....
	Sanatoria	663	627	94.5	635	34	3	.47
	Totals	4,290	2,800	65.0	3,130	49	9	.21
NON-GRADUATES	Public and Red Cross Hospitals	5,320	2,170	40.8	2,646	0	15	.28
	Hospitals for Incurables	232	79	34.0	42	0	1	.43
	Sanatoria	210	165	78.6	160	27	2	.95
	Totals	5,762	2,414	41.9	2,848	27	18	.31

TABLE XXII

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH IN PERSONS DYING OF TUBERCULOSIS IN ONTARIO IN 1941

PLACE OF RESIDENCE	WHITES AND INDIANS					
	All Forms			Pulmonary Only		
	Number of Deaths	Number Treated in Sanatorium	Percentage	Number of Deaths	Number Treated in Sanatorium	Percentage
*Districts.....	192	111	57.7	169	107	61.0
*Counties.....	292	193	66.0	266	189	71.5
Cities and Towns 5,000 and over...	588	423	71.9	505	407	80.8
Totals.....	1,072	727	67.8	940	703	74.8
	INDIANS					
*Districts.....	84	28	33.3	74	28	37.8
*Counties.....	29	7	24.1	25	6	24.0
Cities and Towns 5,000 and over...	0	.....	.....	0	.....	.....
Totals.....	113	35	30.9	99	34	34.3
	WHITES					
*Districts.....	108	83	76.8	95	79	82.0
*Counties.....	263	186	70.7	241	183	76.3
Cities and Towns 5,000 and over...	588	423	71.9	505	407	80.8
Totals.....	959	692	72.1	841	669	79.5

*Excluding Cities and Towns of 5,000 and over.

TABLE XXIII

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH
 - In Persons Dying of Tuberculosis (Pulmonary Only) Ontario, 1941.
 (Counties Exclusive of Cities and Towns of 5,000 and Over).

COUNTY	Pulmonary Tuberculosis Deaths			*Sanatorium Treatment			Percentage Treated in Sanatorium		
	Whites	Indians	Total	Whites	Indians	Total	Whites	Indians	Total
Addington.....	1	0	1	1	0	1	100	.....	100
Brant.....	6	4	10	3	2	5	50	50	50
Bruce.....	2	5	7	2	0	2	100	.....	29
Carleton.....	5	0	5	4	0	4	100	.....	100
Dufferin.....	2	0	2	2	.....	2	100	.....	100
Dundas.....	2	0	2	0	.....	0	.....	.....	.....
Durham.....	5	0	5	3	.....	3	60	.....	60
Elgin.....	7	0	7	5	.....	5	72	.....	72
Essex.....	12	0	12	11	.....	11	91	.....	91
Frontenac.....	2	0	2	2	.....	2	100	.....	100
Glengarry.....	9	0	9	9	.....	9	100	.....	100
Grenville.....	4	0	4	4	.....	4	100	.....	100
Grey.....	1	0	1	1	.....	1	100	.....	100
Haldimand.....	2	3	5	2	0	2	100	.....	40
Halton.....	6	0	6	6	.....	6	100	.....	100
Hastings.....	5	2	7	4	0	4	80	.....	57
Huron.....	9	0	9	6	.....	6	67	.....	67
Kent.....	8	0	8	7	.....	7	88	.....	88
Lambton.....	5	3	8	4	1	5	80	33	63
Lanark.....	4	0	4	3	.....	3	75	.....	75
Leeds.....	7	0	7	3	.....	3	43	.....	43
Lennox.....	3	0	3	3	.....	3	100	.....	100
Lincoln.....	6	0	6	4	.....	4	67	.....	67
Middlesex.....	9	0	9	7	.....	7	78	.....	78
Norfolk.....	6	0	6	3	.....	3	50	.....	50
Northumberland.....	3	0	3	3	.....	3	100	.....	100
Ontario.....	8	1	9	6	0	6	75	.....	67
Oxford.....	4	0	4	4	.....	4	100	.....	100
Peel.....	7	0	7	5	.....	5	72	.....	72
Perth.....	2	0	2	2	.....	2	100	.....	100
Peterborough.....	3	0	3	2	.....	2	67	.....	67
Prince Edward.....	4	0	4	3	.....	3	75	.....	75
Prescott.....	10	0	10	5	.....	5	50	.....	50
Renfrew.....	6	3	9	3	2	5	50	67	56
Russell.....	2	0	2	1	.....	1	50	.....	50
Simcoe.....	9	3	12	7	1	8	78	33	67
Stormont.....	6	0	6	4	.....	4	67	.....	67
Victoria.....	1	0	1	1	.....	1	100	.....	100
Waterloo.....	3	0	3	1	.....	1	33	.....	33
Welland.....	8	0	8	7	.....	7	88	.....	88
Wellington.....	2	0	2	1	.....	1	50	.....	50
Wentworth.....	5	0	5	3	.....	3	60	.....	60
York.....	30	1	31	26	0	26	87	.....	84
Totals.....	241	25	266	183	6	189	75.9%	24%	71.0%

*Within 5 years of death.

TABLE XXIV

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH
 In Persons Dying of Tuberculosis (Pulmonary Only) Ontario, 1941.
 (Districts Exclusive of Cities and Towns of 5,000 and Over.)

DISTRICT	Pulmonary Tuberculosis Deaths			*Sanatorium Treatment			Percentage Treated in Sanatorium		
	Whites	Indians	Total	Whites	Indians	Total	Whites	Indians	Total
Algoma.....	6	10	16	5	2	7	83	50	43
Cochrane.....	21	15	36	19	0	19	90	.....	53
Haliburton.....	1	0	1	1	.....	1	100	.....	100
Kenora.....	2	12	14	1	6	7	50	50	50
Manitoulin.....	1	8	9	0	5	5	.....	63	56
Muskoka.....	6	0	6	5	.....	5	83	.....	83
Nipissing.....	9	1	10	9	0	9	100	.....	90
Parry Sound.....	4	8	12	3	3	6	75	38	50
Patricia.....	1	1	2	0	1	1	.....	100	50
Rainy River.....	4	1	5	2	1	3	50	100	60
Sudbury.....	16	4	20	13	2	15	81	50	75
Temiskaming.....	13	2	15	13	1	14	100	50	93
Thunder Bay.....	11	12	23	8	7	15	73	67	65
Totals.....	95	74	169	79	28	107	83.1%	37.8%	63.3%

*Within five years of death.

TABLE XXV

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH
 In Persons Dying of Tuberculosis, Ontario, 1941
 (Cities and Towns of 5,000 Population and Over.)

CITIES AND TOWNS	Tuberculosis Deaths		*Sanatorium Treatment		Percentage Treated in Sanatorium	
	All Forms	Pulmonary	All Forms	Pulmonary	All Forms	Pulmonary
Barrie.....	3	1	2	1	67	100
Belleville.....	7	6	5	5	71	83
Brampton.....	1	1	1	1	100	100
Brantford.....	8	8	6	6	75	75
Brockville.....	2	2	1	1	50	50
Chatham.....	5	4	4	4	80	100
Cobourg.....	1	0	1	.....	100	.....
Collingwood.....	3	2	2	2	67	100
Cornwall.....	10	6	7	6	70	100
Dundas.....	2	1	2	1	100	100
Eastview.....	1	1	1	1	100	100
Forest Hill.....	0	0	.....	.....	.....	.....
Fort Erie.....	2	2	2	2	100	100
Fort Frances.....	2	2	2	2	100	100
Fort William.....	10	9	8	8	80	90
Galt.....	2	2	2	2	100	100
Guelph.....	11	7	7	7	67	100
Hamilton.....	32	29	22	21	69	73
Hawkesbury.....	2	1	0	0	0	0
Ingersoll.....	0	0	.....	.....	.....	.....
Kenora.....	6	6	3	3	50	50
Kingston.....	11	7	9	6	82	87
Kitchener.....	7	7	6	6	87	87
Leamington.....	2	2	2	2	100	100
Lindsay.....	5	5	2	2	40	40
London.....	20	17	17	16	85	94
Long Branch.....	1	1	1	1	100	100
Midland.....	0	0	.....	.....	.....	.....
Mimico.....	2	2	2	2	100	100
New Toronto.....	3	2	1	0	33	0
Niagara Falls.....	6	5	4	4	67	80
North Bay.....	4	4	4	4	100	100
Orillia.....	7	5	4	4	57	80
Oshawa.....	8	7	7	7	87	100
Ottawa.....	65	57	41	41	63	72
Owen Sound.....	6	5	3	3	50	60
Parry Sound.....	2	1	1	1	50	50
Pembroke.....	6	5	4	4	67	80
Peterborough.....	7	7	6	6	85	85
Port Arthur.....	10	8	9	7	90	87
Port Colborne.....	2	2	2	2	100	100
Port Hope.....	4	4	4	4	100	100
Preston.....	3	3	2	2	67	67
Renfrew.....	1	1	1	1	100	100
St. Catharines.....	3	3	2	2	67	67
St. Thomas.....	1	0	1	.....	100	.....
Sarnia.....	4	4	2	2	50	50
Sault Ste. Marie.....	3	3	2	2	67	67
Simcoe.....	2	1	1	1	50	100
Smith's Falls.....	4	2	1	1	25	50
Stratford.....	2	1	0	0	0	0
Sudbury.....	17	17	14	14	82	82
Swansea.....	1	1	1	1	100	100
Thorold.....	1	1	1	1	100	100
Timmins.....	14	14	13	13	93	93
Toronto.....	205	177	146	144	71	87
Trenton.....	1	0	0	.....	0	.....
Waterloo.....	1	1	1	1	100	100
Welland.....	1	1	1	1	100	100
Weston.....	4	4	3	3	75	75
Whitby.....	1	1	1	1	100	100
Windsor.....	28	25	22	21	79	84
Woodstock.....	3	2	1	1	33	50
Totals.....	588	505	423	407	71.9%	80.5%

*Within five years of death.

TABLE XXVI

PERSONS (Excluding Indians) DYING FROM PULMONARY TUBERCULOSIS IN ONTARIO IN 1941—NOT TREATED IN SANATORIUM WITHIN FIVE YEARS OF DEATH

1. Analysis According to Sex and Age.

AGE GROUPS	Male	Female	Total	Percentage of Total
0 to 9	1	3	4	2.3
10 to 19	3	4	7	4.1
20 to 29	2	9	11	6.4
30 to 39	13	9	22	12.8
40 to 49	16	11	27	15.7
50 to 59	13	7	20	11.6
60 to 69	38	11	49	28.5
70 to 79	14	10	24	13.9
80 and Over	3	5	8	4.7
Total	102	69	172	100.0%

2. Analysis According to Classification of Pulmonary Tuberculosis as Primary or Secondary Cause of Death.

AGE GROUPS	Pulmonary Tuberculosis Given as Primary Cause	Pulmonary Tuberculosis Given as Secondary Cause
0 to 9	3	1
10 to 19	7	0
20 to 29	9	2
30 to 39	16	6
40 to 49	25	2
50 to 59	16	4
60 to 69	35	14
70 to 79	19	5
80 and Over	6	2
Total	136	36

3. Analysis According to Reason for not Entering Sanatorium.

(a) Refused Sanatorium treatment.....	38
(b) Diagnosed shortly before death or at autopsy.....	89
(c) Reason not known.....	1
(d) Sanatorium treatment not considered necessary by physician or clinic...	28
(e) No answer to questionnaire.....	16

*172

*13 of the 172 had been in Sanatorium previous to the five year period preceding death.

PART VI.

TABLE XXVII

MASS X-RAY SURVEYS—1942

	Number	Percentage
Total X-rays	30,835	
No disease or abnormality.....	29,818	96.7%
Previous pleurisy.....	239	.8%
Non-tuberculous conditions.....	350	1.1%
(including heart disease, tumours, bronchiectasis, scoliosis, etc.)		
Pulmonary tuberculosis	428	1.4%
	30,835	100.0%

ACTIVE PULMONARY TUBERCULOSIS = 52 = 0.17% OF TOTAL X-RAYS:

1. Minimal.....	30 =	58%
2. Moderately Advanced.....	21 =	40%
3. Far Advanced.....	1 =	2%
	52 =	100%

(a) All working when found.

(b) Roughly 80% with no symptoms whatsoever.

(c) Active cases = 12% of total number of tuberculous cases.

TUBERCULOSIS OF QUESTIONABLE ACTIVITY = 27 = 0.08% OF TOTAL X-RAYS.

Individuals requiring sanatorium treatment or close observation = 52 + 27 = 79 = .3% of persons X-rayed, or 18.5% of tuberculous cases found.

Cases found in family contacts add to this total.

NON-TUBERCULOUS CASES OF CLINICAL INTEREST:

1. Silicosis.....	4 or 1 in 7,700
2. Dextrocardia	6 or 1 in 5,100
3. Abnormal heart shadows.....	48 or 1 in 650
4. New growths and cysts.....	10 or 1 in 3,000

TABLE XXVIII
 MASS X-RAY SURVEYS, 1942—SUMMARY BY DISTRICTS

LOCALE	Number of X-Rays	No Disease	Previous Pleurisy	Non-Tuberculous Conditions	TUBERCULOSIS			
					Number of Cases	Active	Questionable Activity	Total Requiring Treatment or Close Supervision
Ottawa.....	1,430	1,388 97.1%	2 0.1%	19 1.3%	21 1.5%	6 0.4%	6 0.4%	12 0.8%
Universities.....	3,341	3,281 98.2%	14 0.4%	23 0.7%	23 0.7%	7 0.2%	3 0.1%	10 0.3%
Toronto.....	15,751	15,239 96.7%	123 0.8%	174 1.1%	215 1.4%	27 0.17%	15 0.09%	42 0.26%
Civil Service....	2,699	2,566 95.1%	38 1.4%	16 0.6%	79 2.9%	5 0.2%	.....	5 0.2%
Chatham and Wallaceburg	2,774	2,687 96.9%	19 0.7%	40 1.4%	28 1.0%	3 0.1%	1 0.03%	4 0.14%
London.....	4,369	4,225 96.7%	35 0.8%	72 1.7%	37 0.8%	4 0.09%	1 0.02%	5 0.11%
Totals for 1942	30,835	29,818 96.7%	239 0.8%	350 1.1%	428 1.4%	52 0.17%	27 0.08%	79 0.29%

PART VII

REPORT UPON POST-SANATORIUM CARE OF EX-PATIENTS OF
 SANATORIA

The Department acknowledges responsibility for those patients who, prior to admission to sanatorium, resided in unorganized territory and also for those who did not establish residence in an organized municipality within the meaning of the Sanatoria for Consumptives Act.

There were 49 of these patients discharged from sanatoria during the year for whom the Department was not required to supply assistance, *i.e.*, board and lodging. However, the Department furnished three of this number with transportation from sanatorium to their home, while eight were given assistance for the payment of their pneumothorax refills. One pneumothorax patient was also supplied with transportation to and from the pneumothorax center.

There were 6 patients who did not establish residence in the province under the Sanatoria for Consumptives Act and were transferred to sanatoria in their home province.

As at December 31st, 1942, there were a total of 61 patients receiving assistance with the payment of their pneumothorax refills and on whom the Department receives reports.

TABLE XXIX

EX-PATIENTS OF SANATORIA FROM UNORGANIZED TERRITORY, OR
WITHOUT MUNICIPAL RESIDENCE

		Receiving Board and Lodging in Approved Homes	Receiving Assistance in Home of Relative	Total
On After-care as at January 1, 1942.....		12 (29)	36 (36)	48 (65)
Placed on After-care during 1942.....		32 (13)	26 (34)	58 (47)
Total Receiving After-care during 1942.....		44 (42)	62 (70)	106 (112)
Assistance discontinued during 1942 for the following Reasons:	No longer required.....	21 (20)	34 (40)	55 (60)
	Re-admitted to Sanatorium.....	4 (2)	5 (1)	9 (3)
	Against Medical Advice.....	1 (1)	.....	1 (1)
On After-care as at December 31, 1942.....		18 (12)	23 (36)	41 (48)

NOTE:—Figures in brackets are for the year 1941.

DIVISION OF INDUSTRIAL HYGIENE

J. G. CUNNINGHAM, B.A., M.D., D.P.H., *Director**Medical Service:*

The day-to-day supervision of general health of employees to control the amount of illness and to raise the level of health is looked upon as of first importance. This must be done largely by industry itself and requires medical personnel in the factory to act as medical advisor and health officer. Their work is quite apart from the ordinary arrangements for the treatment of disease by the family physician and is specially important at present partly to assist women and older persons to stay at work when otherwise they might be unable to continue.

The Division has encouraged employers to embark on this program. Partly from these efforts most large industries, including war industries, have full-time physicians and nurses for this purpose. In Ontario, there are at least fifty full-time physicians and one hundred and ten part-time physicians, and at least three hundred and sixty registered nurses, covering 155,000 employees. The demand for physicians in the armed forces requires that the services of older men and part-time practitioners be used, especially if employees in smaller factories are to be served. At least sixty per cent. of employees are in factories with less than five hundred. The physician should spend about one hour per week per one hundred employees in the factory for health supervision and if its value is to be realized during the war some requirement to this effect is necessary.

The program to be followed and the procedure for carrying it out are made available to employers and to physicians through the Division. Those industries now employing medical personnel are usually the first to ask for assistance but the work their industrial medical staffs are doing usually relieves the Division of anxiety for the protection of the health of the workers in them.

Occupational Diseases:

The specific occupational diseases are the subject of constant investigation by the Industrial Hygiene chemists, physicians and engineers.

Reporting of occupational diseases under The Factory, Shop and Office Building Act is only fairly satisfactory, but contacts with the Factory Inspection Branch of the Department of Labour, the Workmen's Compensation Board, the Industrial Accident Prevention Associations, employers, employees and physicians provide the clues for investigation and control. The factory inspectors and the Industrial Accident Prevention Association inspectors report hazards and submit samples to the industrial hygiene laboratory for analysis in suspected cases and follow up the recommendations of the Division. The Workmen's Compensation Board uses the technical facilities of the Division for establishing the occupational factor in those cases which require investigation as to exposure, the effects produced and the adequacy of preventive measures.

The number of cases of skin eruption has increased as might be expected from the large numbers of employees exposed, longer hours worked and new substances used. While not fatal, they involve discomfort and finally, loss of

rest and general ill-health. At least two thousand cases caused loss of time and the average in days is high. The large increase in machine work makes eruption on the skin from contact with cutting oils, common. The control measures for this condition lie mainly in the use of adequate washing facilities. This is not always carried out so that the condition is too prevalent. On this account an attempt was made to determine the value of a specific measure—the use of a specially prepared staphylococcus toxoid. A selected group of fifty workers, and fifty others as control, were tested but no benefit was found to accrue. Groups of cases of less common origin have been controlled, like those due to synthetic resins for cloth filler or the manufacture of ply-wood or due to chromium or solvents or chlorinated compounds which are used for wire insulation. A pamphlet on first aid and preventive measures in care of the skin has been distributed to industry.

Out of all proportion to the numbers employed has been the time spent by the Division technical staff on the control of the hazard associated with the handling of radioactive paint for luminous dials. Detailed instructions for both employers and employees have been issued and much effort has been made to see that they are observed. Employee co-operation is essential and effective. Much of the equipment in use was redesigned with a view to reducing the hazard. Special forms for recording physical examination findings made by the plant physicians were developed and special equipment has been obtained for testing this hazard.

The Ontario industries of the Allied War Supplies Corporation have worked in close co-operation with the Division through its medical director, on loan to the Corporation from the Department, for the control of toxic hazards in the manufacture of explosives. Some investigation of the importance of methaemoglobin was made in this group. Their control measures established for both the occupational hazard and for general health should be an example to many other industries.

Substitution of toxic materials for those less toxic and not now readily available requires vigilance. Benzol determinations are more frequent to recognize exposures where formerly toluol, much less toxic, was used. Cadmium has replaced certain less toxic metals in solder and for electro-plating which at times increases the hazard in welding. Pamphlets have been distributed to industry, emphasizing the safeguards essential in these trades.

Laboratory Analyses:

Uses for lead have further increased. Certain industries are required under *The Factory, Shop and Office Building Act* to conduct periodic examination of these workers and report to the Division. The blood picture in these employees was examined by the Division, involving about 4,500 smears submitted from 114 physicians in 66 different trades—the increase being largely from aircraft, transport and metallurgical industry. Determinations of lead in urine showed an increase over normal in forty-five per cent. of the specimens examined—a further indication for field inquiry. Other laboratory tests involved 74 visits to factories, mainly for air samples, and 1100 analyses from sources widely scattered as to trade and type of material—prominently explosives, aircraft, machine tools, paint and varnish, and from the soap used for washing after work to the fluorine content of the air around certain welding operations.

Analyses are related to the physical examination and engineering findings to improve conditions of work; for example, in aircraft “dope” rooms, concentrations of lead detected required additional ventilation although frank cases of poisoning were not found. This correction involves the heating of very large volumes of air and the use of materials not readily available.

Physical Examinations:

Many inquiries can be answered directly but others require frequent visits by the medical staff to determine the importance of exposure or the needs for testing by physical examination or by laboratory analysis. Examinations of persons with special reference to the chest were:—

Claimants for silicosis under the Workmen's Compensation Act.....	566
For Tuberculosis in metal trades.....	154
For Tuberculosis in photo-engravers.....	288
For Silicosis—fire brick exposure.....	41
For Silicosis—moulders.....	153
For Non-silicous dust exposure.....	96
For Benzol.....	41
Miscellaneous.....	50
X-Ray films submitted by physicians in Ontario or from other provinces in respect to dust hazards.....	804
Medical findings reviewed for various Department Boards.....	422

About three hundred examinations were made of individuals or of small groups with varied occupational exposures to determine the degree of exposure and the effectiveness of control measures. The rapidity with which improvement in health follows adequate prevention is nowhere more apparent. Early findings in one group of lead workers had disappeared within a month. When prescribed measures are taken early in groups affected by skin irritants the benefit is apparent almost at once. About 230 plant inquiries of this type were made.

A group of fifty-one employees in one factory was investigated to determine the cause of a wide-spread illness confined to the group with duration from four days to three weeks. Detailed inquiry made elsewhere and all relevant tests failed to solve this problem.

The 35 mm. film X-ray equipment for chest examination in industry has demonstrated its value. Thirty-one thousand examinations of employees in large and small factories have revealed an average of:

(1) probably active tuberculosis.....	0.28%
(2) questionable activity.....	0.41%
(3) apparently arrested.....	0.49%
	1.18%

While the average total remains fairly constant from group to group of those examined there is considerable variation in the percentage with active disease. Attention has been directed especially to factories employing young persons, especially women, where the rate is likely to be higher. Suspicious cases are followed up to ensure treatment for those requiring it. The number of persons who, in the course of these examinations present non-tuberculous lung conditions and heart abnormalities to which the attention of the factory physician is drawn, requires notice.

Constant attention is drawn to the fact that occasional assistance to industry in the maintenance of general health or control of occupational disease, whether by this Division or the Factory Inspection Branch or the Industrial Accident Prevention Associations, cannot take the place of an interest by employers and employees themselves, which results in designating responsibility for guidance in health to suitable personnel in the factory; just as has developed for accident prevention.

Engineering Control:

Medical and engineering control of occupational disease by the Division should not be required at all for large industry which can and should retain suitable personnel. The needs of smaller industry are beyond the facilities of the Division, especially in engineering staff. Only the application of engineering principles justifies expenditure for the mechanical control of dust and fumes. For this purpose 170 visits have been made to factories, covering exposures to acids, alkalis, welding and coal tar fumes, solvents, explosives, degreasers, silica dust, industrial X-ray and radium. Where an installation has wide application, plans and specifications are made available to industry but individual attention has been given to 115 different factories. In each case, the present condition and effectiveness of existing equipment were determined. Recommendations were made for improvement involving the design with plans and specifications and a study of the results completed; for example, such methods were applied to the equipment for the disinfection of seed grain, using "Ceraşan;" to the use of positive air pressure to remove certain fine toxic dust from the general atmosphere; and to the problem of allowable recirculation of air from workrooms to conserve heat.

One of the staff of the Division attended the course in Montreal on "Chemical Warfare for Regional Gas Officers;" has helped to revise the section on War Gases in A. R. P. Handbook No. 2 for Ontario; assisted in lectures and demonstrations given to physicians, technicians and C. D. C. workers of the Ontario Civil Service and at weekly intervals to C. D. C. workers in East York. The attempt is being made to further integrate industrial A. R. P. with that of the community as far as medical facilities are concerned.

Library:

The library facilities of the Division are taxed by a largely increased literature which must be indexed in detail to meet the demand. Information on various aspects of the subject has been widely distributed by the staff in pamphlets, addresses and articles for lay and technical press.

1. Pamphlets on — (a) Health Hazards in Welding.
(b) Dermatitis.
(c) Maximum Allowable Concentrations of Dangerous Materials.
(d) Cadmium.
2. Assistance in Refresher Courses for:
(a) Industrial Physicians.
(b) Industrial Nurses.
(c) R. C. A. F. Medical Officers.
(d) Industrial Accident Personnel.

Some of this material has been mimeographed for distribution by the groups concerned.

At the request of the British Columbia Mine Owners' Association, Dr' Riddell gave evidence before a Royal Commission on Silicosis at Vancouver in January, 1942.

Assistance is being given in a survey of medical personnel, physicians and nurses, in industry in Canada being conducted for the Canadian Medical Procurement and Assignment Board.

Two radio talks were given by a member of the Division on "Industrial Health" over the C. B. C. network.

Addresses and articles for publication have been directed to the following groups:

1. "Industrial Health," published in the University of Toronto Medical Journal, January, 1942.
2. "Industrial Fatigue," published in July, 1942, issue of "Health."
3. "Industrial Solvents," published in Manufacturing and Engineering Journal, December, 1942.
4. "Silicosis," presented at the annual meeting of the Canadian Tuberculosis Association, Hamilton.
5. "Detection of Second-Hand White Cotton Filling Material," published in Industrial and Engineering Chemistry Journal, May 15, 1942.
6. "Protection from Lead Poisoning," presented at the Annual Meeting of the Industrial Accident Prevention Associations, Toronto, April, 1942.
7. "Activities of the Industrial Hygiene Division, Ontario Department of Health," presented at the Annual Meeting of Governmental Hygienists, Washington, D. C., April, 1942.
8. "Industrial Medicine," presented at the Annual Meeting of the Canadian Medical Association, Jasper, Alberta, June, 1942.
9. Addresses on "Industrial Health," and "Influence of Work Conditions on Health," given at a three-day conference in Toronto, Hamilton and London, sponsored by The Health League.

Bedding Regulations:

Under the Bedding Regulations the labels of 332 companies have been approved to date. During the year there was a slight decrease in the number of visits made to the manufacturers, retailers, suppliers and renovators. There was a marked decrease in the number of articles placed "off sale." More than half of these were manufactured outside Ontario. Of the articles placed "off sale" approximately one-half were returned to the manufacturer and the balance were relabelled according to the regulations.

A total of 329 samples were received by the laboratory and they were subjected to some 1,100 tests. The bedding inspectors obtained these samples from 90 different companies. In comparison with last year, a smaller percentage of the samples analyzed contained second-hand material.

The scarcity of some types of materials used in the bedding and furniture trade might necessitate some modification of the existing labels. During the year, the bedding manufacturers suggested the possibility of creating a new label to meet this situation.

With respect to the proper labelling of articles of bedding for the armed forces, contracts between the Ontario manufacturers and the Purchasing Board of the United Kingdom and Canada, contain a clause which states that the Ontario Bedding Regulations must be complied with.

Fumigation Regulations:

There are in effect as provided by the regulations under The *Public Health Act*, thirty-two licenses for household fumigation using cyanide compounds and seventeen for commercial fumigation. Of the total, twelve licenses are

new—half of these issued to designated members of the armed forces who, by arrangement have fulfilled provincial requirements and limit their activities to premises owned or occupied by the Department of National Defence.

Infestation assumes even more importance where housing is at a premium. It interferes with rest and may spread disease. The amount of work of this kind has increased this year and fortunately without major accident or the necessity for cancellation or suspension of any license.

Report of Chief Sanitary Inspector, 1942:

Regulations on sanitary supervision in unorganized territory and medical care of workmen in camps.

During the year 1942 a number of changes were necessary in the staff of the Provincial Sanitary Inspectors. It is recorded with regret that Mr. John Sime, Fort William, died on January 24th, after many years of faithful service. Mr. D. R. Moore, was granted leave of absence to join the active service force. Mr. Nelson Laxton has been appointed to replace the late Mr. Sime, and Mr. Hugh MacDonald was appointed to the temporary staff, replacing Mr. Moore.

Some minor changes were necessary in the territory to be covered by the inspectors. Part of the Geraldton district is now consolidated into the Fort William area under Mr. Powell, and Mr. Laxton is located in Sudbury. These adjustments will assist very materially in a more equitable distribution of the amount of work involved in the sanitary supervision of the territorial districts and industrial activities in the Sudbury, Sault Ste. Marie and North Bay districts. This arrangement will curtail to some extent the distance to be travelled by the inspectors.

The following is a brief summary of industrial camps, workmen employed and medical service in the territorial districts coming under the regulations.

INDUSTRY	No. of Operations	No. of Camps	No. of Men Employed
Lumber and Pulpwood.....	187	535	28,883
Sawmill	42	47	2,452
Mining.....	44	44	11,490
Construction.....	28	39	4,158
	301	665	46,983

While the demand for wood products is now at a premium brought about by the diversion of metal and other material to war purposes, the number of workmen employed is approximately the same as in 1941. To overcome the labor shortage many of the operators have maintained throughout the summer their camp staff and available workmen, extending their operations over a twelve months' period rather than the usual six months winter operations. This has entailed additional sanitary supervision.

From various conferences with the employers and the inspectors it is evident that more interest is being shown by the employers in the improvement in housing and living conditions for the workmen. The attempt is being made to further assist physicians to reach the camps. With the present ceiling in wages and the dearth of experienced labor it is reasonable to assume that further interest in the welfare of the employees can be expected during the current year to make this type of employment more attractive to the workmen.

For the year ending December 31st the following medical service was rendered as reported monthly by the contract physicians.

No. of men treated.....	27,833
Physical examinations.....	11,029
Communicable diseases—cases treated.....	1,720
Immunizations.....	3,859
No. of contract physicians' reports received	2,936

However, it should be noted that many of these reports do not present a complete picture of cases treated or the number of treatments.

Owing to the war conditions many of the contract physicians and assistant physicians have left for military service. The present shortage of physicians has therefore presented some difficulty for industry to maintain an adequate medical service in the camps, many of which are located in remote districts.

Owing to the scarcity of physicians in unorganized areas some consideration has been given to the suggestion of the discontinuance of the regular monthly visits to the camps by the contract physicians as presently required under the regulations. The camp sanitary supervision now made monthly by the contract physician's visits would necessarily have to be carried by the staff of inspectors. This would not affect the present contract system for the care of sickness and accidents since the physicians' visits to the camps are required under the regulations for sanitary supervision.

Out of a total of 1,720 communicable disease cases as reported by the industrial contract physicians in camps, only influenza and diarrhoea were epidemic. These two diseases were responsible for more lost time to the workmen than all other illnesses. Sporadic cases of typhoid fever developed at four different centres; in all, 8 cases were reported and investigated at the onset. In unorganized communities and settlements, other than industrial camps, 101 cases of communicable diseases were reported and investigated by the inspectors. Considerable travel was involved in the investigation and follow-up work of 62 cases of venereal disease and 9 cases of tuberculosis located in the unorganized territory. This work was carried out in co-operation with the directors of the other divisions.

In the Parry Sound area considerable time was required in the sanitary control of wartime housing conditions and the sanitary supervision of the many temporary living quarters hastily erected in the township of McDougall adjoining the Nobel plant. With the close co-operation of the management of the the Defence Industries Limited and Canadian Industries Limited we were able to provide the workmen's families with a chlorinated water supply; and a regular scavenger system for night soil and garbage collection has been established. This work will require further supervision during the summer months.

In each of the judicial districts covered by the six sanitary inspectors, routine sanitary inspection work has been carried out in the unorganized towns, communities and settlements, including such inspection work as water supplies, milk supplies, inspection of hotels, restaurants, food establishments and tourist resorts. Most of the public and separate schools in unorganized districts were covered by routine inspections in the spring and fall months combined with the investigation of complaints. All the inspectors have been requested by the local Medical Officers of Health and members of the Council of the organized municipalities to assist in the problems under *The Public Health Act*.

Cancer Control:

The details of the statistical report on cancer prepared by the Division of Medical Statistics is considered separately.

The first of the statutory Grants to University Centres expired this year. The basis for what further Government assistance is to be given in the treatment of Cancer is under consideration.

As in previous years the Directors of the Clinics met in January in technical session, this time for study of the experiences of the Clinics in certain aspects of the treatment of cancer of the breast.

The Physicist of the Division has visited the Clinics to calibrate the X-ray equipment in use. There have been many calls on the time of the Physicist for other physical problems arising. Radium supplies were checked and arrangements made for safeguarding them under A. R. P., including the design of protective equipment.

One milligram needle of radium in use in a hospital was lost and not recovered. A 10-milligram needle lost in another hospital was recovered from the incinerator, using the Geiger-Mueller Counter.

The radium emanation plant operated by the Department has run at capacity throughout the year. Four hundred and seventy-eight orders were filled for radon, nearly all for the Clinics, providing 7,373 millicuries.

Two one-hundred millicurie needles were prepared for investigation purposes: one for the National Research Council and one for the Toronto General Hospital. The operation of the plant has been demonstrated to certain student groups.

DIVISION OF DENTAL SERVICES

F. A. KOHLI, D.D.S., *Director.*

Public Dental Health Education has been the keynote of the activities of the Division this year.

Commencing in March, a campaign was carried on in Simcoe County. Meetings were held in Stroud, Allenwood, Guthrie, Stayner, Bond Head, Loretto, Minesing, Penetang, New Lowell, Coldwater, Wyevale and Ivy, where talks were given on the value of school dental service. Considerable interest was shown at these meetings by Women's Institutes, Farm Federations, etc., and since then, several school dental services have been established.

New clinics were set up this year at Depot Harbor, East York Township, Guelph, Georgina Township, Medonte Township, Mountain Township, Niagara-on-the-Lake, Nottawasaga Township and the Village of Swansea.

In Brantford this Division assisted in a dental health campaign sponsored by the Junior Board of Trade, the School Dental Officer, the local Dental Society and the local Board of Health.

The Director attended the meetings of the Northern Dental Associations at North Bay; the Eastern Dental Society at Brockville; Grey and Dufferin Dental Society at Owen Sound and Quinte Dental Society at Belleville. At these meeting there was discussion of social health services and nutrition.

The Director also attended meetings of local School Boards to advise them on establishing their dental services.

A new pamphlet, "What To Do To Give Your Child Good Teeth," setting forth the advantages of school dental service, was issued this year, and distributed along with "Mouth Hygiene" and "Treasure House." Mouth Inspection charts were supplied to centres for use in a dental survey.

In all these activities we acknowledge, with thanks, the assistance and co-operation of the Canadian Dental Hygiene Council and the Public Dental Health Committee of the Ontario Dental Association.

Inspection of the dental clinics of the various Ontario Hospitals was made twice during the year. Operation of the hospital clinics is somewhat handicapped due to the fact that two more of our staff have joined the Armed Forces and one has resigned. However, routine examinations and necessary treatment have been carried on in an entirely satisfactory manner.

The prosthetic work of all the institutions has been given supervision at the Central Laboratory. This year there have been 260 dentures; 403 repairs to dentures, made at this Laboratory.

The Dental Car, on the Canadian Pacific Railway lines in Thunder Bay district treated about one thousand children. Owing to numerous requests for dental care coming from the Temiskaming district, the car, with the approval of the Rosedale Chapter of the I. O. D. E. and the Canadian Pacific Railway Company, was transferred to the T. & N. O. Railway, late in November. Already we have received letters of appreciation of the much-needed service.

While the number of relief recipients has dropped, there are still those who require emergent dental treatment, and the plan for their relief is being carried on as formerly.

Enlistments from our dental staff were Dr. W. J. Corbett and Dr. W. E. Smart.

HEALTH EDUCATION

MARY POWER, B.A.

Health Education of the Public has continued in accordance with the policy of the Department whereby the Medical Officer of Health is informed of all requests for health education material from his community.

We wish to extend again this year our sincere thanks to the Canadian Tuberculosis Association who have supplied us and the various agencies and individuals within the Province with material on various phases of Tuberculosis for distribution. We wish to record another year's service as rendered to us and the public of Ontario by the supply for distribution of their excellent material by the Metropolitan Life Insurance Company and other companies operating in Canada.

Home and School Associations and Women's Institutes have increased their interest in health as a subject for discussion at regular and special meetings. We have been pleased to assist in this educational effort through literature on health subjects; the total number of pieces so distributed to these and similar organizations in budgets especially prepared for the purpose amounted to 5,573.

Training Schools for Nurses are given special service; through the instructor in charge, material for reference is forwarded for the use of the nurses-in-training.

Material for reference of teachers in the individual classrooms, when the school is supplied with nursing service, is forwarded from the Department to the public health nurse; 3,115 pieces were distributed in this way during the year.

During the war, the situation with regard to educational leaflets, etc., is changing constantly; and in order to have as up-to-date information as possible, we made regular check-ups of the material available from various sources in the United States and Canada.

The service given through the office is mainly through personal interviews, telephone, and mailing service.

The writer attended the short course in Personnel Administration; represented the Department at several meetings devoted to health and allied subjects; and has acted during the year as Secretary to the Ontario Committee on Nutrition.

Health Education in the School. The Summer Course in Health Education for teachers in the elementary schools was not given during the summer, but the Department of Education sponsored a course for Defence Training, Health and Physical Education for teachers of the secondary schools.

Our service to teachers during the year was as follows:

	Budgets	Pieces
To Elementary School teachers.....	207	4,477
High School teachers.....	76	3,110
Normal School Instructors.....	8	2,019
	291	9,606

Books of reference of teachers—loaned for 2-week periods, 211

At the annual meeting of the Ontario Federation of the Home and School Associations held during the meeting of the Ontario Educational Association at Easter, the writer took part in a panel discussion organized by the Home Education Section, under the leadership of Miss Mary Davidson.

Early in the year the Ontario Educational Association carried its interest in school radio to the point where a joint committee was formed with the Canadian Broadcasting Corporation. Miss E. L. Moore was appointed representative but later, as out-of-town duties made it impossible for her to continue the writer was asked to act in her place. Through a series of meetings the matter of radio in the classroom was studied from all angles. A report was prepared and submitted before Easter. The C. B. C. arranged a full-day program during the meetings of the O.E.A., thereby giving those who were interested in the use of radio in the school program a chance to hear broadcasts prepared for school, and also addresses by the President of the National Education Association of the United States, and the Director of the School Radio Division of the Columbia Broadcasting System. It is hoped that this effort will lead to a definite program of school broadcasts in Ontario in which health will be given a prominent part.

Health services in the secondary schools has received increased attention since the outbreak of the war. This summer a special course of instruction was organized by the School of Nursing, University of Toronto, for public health nurses on the staff of the Department of Public Health, City of Toronto, who had been recently appointed to assume duties in the various high schools of the city in September. The writer was asked to speak in a panel discussion upon the topic "Correlation of Health with other Subjects on the Curriculum."

ONTARIO HEALTH OFFICERS' ASSOCIATION

Ontario Health Officers' Association Annual Conference, 1942.

The meeting this year was held as a Joint Conference with the Canadian Public Health Association. The Ontario Branch of the Canadian Institute of Sanitary Inspectors met at the same time. The Section of Veterinary Inspection Services of the O. H. O. A. also held a very satisfactory Session. The Registration was as follows:

Ontario Health Officers, 451.

Canadian Sanitary Inspectors, 72.

Veterinary Inspection Services, 28.

These three groups represent the total registration for health workers in Ontario and reached the figure of 551. The C. P. H. A. registered a total of 581.

The Executive of the O.H.O.A. met on Monday, June 1st, with Captain H. B. Kenner, President, in the chair. Following the acceptance of the minutes, a report was given by the Chief Medical Officer of Health upon the resolutions passed at the 1941 Conference as follows:

- I. That the Ontario Health Officers' Association send to the Minister of Health a recommendation that provision be made in the Regulations under the Public Health Act requiring that local Boards of Health make available in the municipality immunization facilities for the prevention of those communicable diseases for which preventive measures are recommended and biological products supplied by the Department of Health of Ontario.

This matter had received the serious consideration of the Minister and the solicitor; however, the matter of compulsion as implied in the resolution, made it objectionable and to date legislation has not been drawn up.

- II. That this Conference submit to the Minister of Health the suggestion that serious consideration be given to the setting up of a standard rate of allowance for attendance at the Annual Conference to the Medical Officer of Health.

Dr. Phair reported that this resolution had been considered, but no progress had been made. The meeting suggested that it be referred back to the Resolutions Committee of this year, with the suggestion that various plans be submitted, for instance: a rate based on the population of the municipality—or some other standard which would mean a just re-imbusement to all M. O. H.'s. The meeting thought it wise to suggest to the local M. O. H. that an item be inserted and approved in the budget which he submits to the municipal council early in the year.

- III. In view of the fact that the great need of our country for the present and future generations is to make sure that the youth of our country should be of the highest standard of mental, moral and physical fitness,

BE IT RESOLVED, that this conference request that serious consideration be given by our executive committee to the advisability of initiating a campaign of education for young people contemplating marriage; and to the preparation of a brief for submission to the Provincial Secretary requesting his consideration of such amendments to the Solemnization of Marriage Act as will ensure that good health and a sound constitution be necessary pre-requisites for those entering the marital relation.

Dr. Phair reported that full discussion had been given this resolution but that difficulties arose, one being that the Act for which amendment was suggested is administered by a Department other than the Department of Health, namely that of the Provincial Secretary. The meeting then referred this resolution to the incoming Committee for further consideration. Dr. Davey suggested that, in addition, the Chief Medical Officer of Health be requested to keep this matter in mind and to take the opportunity as it presents for pushing the matter to the point of legislation.

- IV. That this convention request the Executive to include in each year's program a period for a Round Table Discussion with the various directors of the Department;

That previous to the Convention Medical Officers of Health be requested to forward to the secretary notes relative to the most serious problems and difficulties that have been encountered during the year.

The discussion on this resolution was short, as the meeting felt it was a matter which could be discussed at a general meeting.

The following Standing Committees were then appointed:

Nomination Committee:—

Chairman, Dr. J. E. Davey,
Dr. D. G. Dingwall,
Dr. M. G. Thompson.

The Committee on Resolutions:

Chairman, Dr. C. A. Harris,
 Dr. J. C. Gillie,
 Dr. J. W. Mackie.

The meeting then adjourned.

The business meeting was held at the Luncheon Session on Wednesday, June 3rd, when the Association adopted the report of the Nomination Committee, resulting in the election of the following officers and executive:

Ontario Health Officers' Association

President—Dr. J. C. Gillie, Neebing Twp., Fort William.

1st Vice-President—Dr. J. W. Mackie, Leeds and Lansdowne Front Twp., Lansdowne.

2nd Vice-President—Dr. C. A. Harris, London City.

Secretary—Miss Mary Power.

Executive:

Dr. J. E. Davey, Hamilton.

Dr. G. B. Stalker, Hanover.

Dr. W. E. Brown, Orillia.

Dr. D. G. Dingwall, Dryden.

Dr. H. M. Young, Iroquois Falls.

Dr. C. H. Bird, Gananoque.

Dr. G. S. Cronk, Belleville.

Dr. M. G. Thomson, Cornwall.

The Committee on Resolutions submitted the following resolutions, all of which were carried.

Resolutions, 1942:

- I. That the Ontario Health Officers' Association send to the Minister of Health a recommendation that provision be made in the Regulations under *The Public Health Act* requiring that local Boards of Health make available in the municipality immunization facilities for the prevention of those communicable diseases for which preventive measures are recommended and biological products supplied by the Department of Health of Ontario.
- II. That this conference submit to the Minister of Health the suggestion that a rate of \$10.00 per day maintenance plus transportation be the standard amounts for attendance at the annual conference of the Medical Officers of Health.
- III. In view of the fact that the great need of our country for the present and future generations is to make sure that the youth of our country should be of the highest standard of mental, moral and physical fitness,

BE IT RESOLVED that this conference request that serious consideration be given by our Executive Committee to the advisability of initiating a campaign of education for the young people contemplating marriage; and to the preparation of a brief for submission to the Provincial Secretary requesting his consideration of such amendments to The Solemnization of Marriage Act as will ensure that good health and a sound constitution be necessary pre-requisites for those entering the marital relation.

- IV That this convention request the Executive to include in each year's program a period for a Round Table Discussion with the various Directors of the Department;

That previous to the convention Medical Officers of Health be requested to forward to the secretary notes relative to the most serious problems and difficulties that have been encountered during the year.

- V. That this committee recommend to the Department of Health that they circularize every Medical Officer of Health in the Province with a view to obtaining ideas, suggestions and recommendations regarding health matters and that these be submitted to the committee on resolutions a week prior to the annual meeting where they will be dealt with and submitted to the annual meeting.
- VI. That this committee on resolutions recommends to the program committee of future meetings that papers be limited to 20-minute periods.

A further resolution was suggested by Dr. Davey, seconded by Dr. Dingwall that the meeting recommend to the incoming Executive that a committee be appointed to draw up a suitable constitution.

The details of the joint program are given below:

CANADIAN PUBLIC HEALTH ASSOCIATION
THIRTY-FIRST ANNUAL MEETING
ONTARIO HEALTH OFFICERS' ASSOCIATION
TWENTY-EIGHTH ANNUAL CONFERENCE
ROYAL YORK HOTEL, TORONTO, JUNE 1-3, 1942

MONDAY, JUNE 1—9.00 A.M.

ONTARIO HEALTH OFFICERS' ASSOCIATION
BANQUET HALL

- 9.00 a.m. Executive Meeting.
- 9.00 a.m. REGISTRATION. Convention Foyer.
- 9.00 a.m. FILMS. Banquet Hall.
- 10.15 a.m.—Legislation of the 1942 Session. Dr. B. T. McGhie, Deputy Minister of Health.
- 10.30 a.m. Presidential Address. H. B. Kenner, M.D., Captain, R.C.A.M.C.; Medical Officer of Health, Stratford, Ontario; President, Ontario Health Officers' Association.
Appointment of Committees.
- 10.45 a.m. Round-Table Discussion on Two Outstanding Topics in Industrial Hygiene. Chairman, Dr. J. G. Cunningham, Director, Division of Industrial Hygiene.
1. Fumigation and the changes required by the new regulations.
 2. The Medical Officer of Health views the health of the worker—as reported by surveys in Ontario Plants.
- 11.20 a.m. Detailed analysis of the revised Venereal Disease Prevention Act as it affects the M.O.H. Dr. W. H. Avery, Consultant, Venereal Disease Control.

MONDAY, JUNE 1—9.15 A.M.

SECTION OF PUBLIC HEALTH NURSING
CANADIAN PUBLIC HEALTH ASSOCIATION
PRIVATE DINING ROOM NO. 2

Chairman: Miss Mary B. Millman, School of Nursing, University of Toronto.

Business Session.

MONDAY, JUNE 1—9.30 A.M.

SECTION OF EPIDEMIOLOGY AND VITAL STATISTICS
CANADIAN PUBLIC HEALTH ASSOCIATION

HALL A

CONFERENCE IN VITAL STATISTICS

Chairman: Dr. J. Wyllie, Professor of Preventive Medicine,
Queen's University, Kingston

Statistical Study of Maternal and Infant Mortality in Canada since 1926. Dr. Ernest Couture, Director, Division of Maternal and Infant Hygiene, Department of Pensions and National Health, Ottawa.

Plans in Vital Statistics. Mr. T. J. Marshall, Chief, Vital Statistics, Dominion Bureau of Statistics, Ottawa.

Report of the Committee on Confidential Death Certification. Dr. Paul Parrot, Demographer, Ministry of Health and Social Welfare, Province of Quebec, and Chairman of the Committee.

Discussion.

MONDAY, JUNE 1—2.30 P.M.

GENERAL SESSION

CANADIAN PUBLIC HEALTH ASSOCIATION
ONTARIO HEALTH OFFICERS' ASSOCIATION

BANQUET HALL

Chairman: H. B. Kenner, M.D., Captain R.C.A.M.C.;
President, Ontario Health Officers' Association

Film.

Presidential Address. Dr. J. J. McCann, M.P., Renfrew, Ontario. President, Canadian Public Health Association.

The Immunization Program of the Royal Canadian Air Force. Squadron Leader A. H. Sellers, R.C.A.F. Medical Branch, Ottawa.

Gonorrhoea—A Preventable Disease. Dr. J. A. Leroux, Physician-in-charge of Epidemiology, Division of Venereal Disease Control, Provincial Board of Health of British Columbia, Vancouver.

Observations in Britain in reference to the Health of Children. Dr. C. M. Hincks, Director, National Committee for Mental Hygiene, Toronto. (With film presentation.)

Health Services in the Secondary School. Dr. L. A. Pequegnat, Deputy Medical Officer of Health, Toronto.

Film.

MONDAY, JUNE 1—6.30 P.M.

ANNUAL DINNER

CANADIAN PUBLIC HEALTH ASSOCIATION
ONTARIO HEALTH OFFICERS' ASSOCIATION

BALL ROOM

Chairman: Dr. J. J. McCann, M.P., President of the Canadian Public Health Association.

Speaker: Dr. Henry F. Vaughan, Dean, School of Public Health, University of Michigan, formerly Commissioner of Health of Detroit.

Presentation of honorary life membership in the Canadian Public Health Association to Dr. George D. Porter, Toronto, and Dr. William Warwick, Fredericton. The presentation will be made by Dr. J. T. Phair, Chief Medical Officer of Health, Province of Ontario, and Honorary Secretary, Canadian Public Health Association.

Presentation of the awards in the 1941 Canadian Health Conservation Contests, conducted by the Canadian Public Health Association in co-operation with the American Public Health Association. The presentation will be made by the Chairman of the Contest Committee, Dr. Grant Fleming, Strathcona Professor of Public Health and Preventive Medicine, McGill University, and Medical Director of The Bell Telephone Company of Canada.

THE CITY CONTEST

GROUP 1: *Cities over 100,000 population with full-time services:* Hamilton, Ontario; Windsor, Ontario.

GROUP 2: *Cities under 100,000 with full-time medical officer:* No award.

GROUP 3: *Cities under 100,000 with a part-time medical officer:* St. Catharines, Ontario.

THE RURAL CONTEST

Western Division: Red Deer Health Unit, Red Deer, Alberta.

Eastern Division: Arthabaska County Health Unit, Quebec; Nicolet County Health Unit, Quebec; Shefford County Health Unit, Quebec; St. Hyacinthe-Rouville Health Unit, Quebec; St. Jean-Iberville-Laprairie-Napierville Health Unit, Quebec.

TUESDAY, JUNE 2—9.00 A.M.

ONTARIO HEALTH OFFICERS' ASSOCIATION

Medical Officers of Health may attend the following programs:

- (1) Guided Discussion: Some Local Health Problems. Chairman: Dr. A. E. Berry. Banquet Hall. Program on page 112.
- (2) Meeting of the Sections of Public Health Nursing and Industrial Hygiene. Private Dining Room No. 2. Program on page 113.
- (3) Meeting of the Section of Epidemiology and Vital Statistics. Hall A. Program on page 114.
- (4) Veterinary Inspection Services. Private Dining Room No. 1. Program on page 113.

TUESDAY, JUNE 2—9 A. M.

ONTARIO HEALTH OFFICERS' ASSOCIATION

GUIDED DISCUSSION

BANQUET HALL

Chairman: Dr. A. E. Berry, Director, Division of Sanitary Engineering,
Department of Health of Ontario

The following subjects are listed for general discussion. Everyone is invited to participate.

1. What procedure do you adopt in dealing with complaints concerning smoke?
2. Have you any anti-noise legislation in your municipality, and how do you deal with complaints of this nature?
3. How do you control offensive trades?
4. How do you deal with complaints respecting the keeping in the municipality of such animals as horses, cows, pigs, foxes, mink, dogs, etc.?
5. What measures do you recommend for the control of odors which are not associated with dangerous health problems?

6. What difficulty is experienced in distinguishing between a public health nuisance and other complaints which may be made?
7. Is some clearer procedure desirable for determining the responsibility of the health officer in sanitary problems?
8. What is your policy in the examination and improvement of school water supplies?
9. What difficulty is experienced in dealing with the disposal of dead animals, and of waste from slaughter houses?
10. What procedure do you recommend for dealing with private septic tank systems before and after their installations?
11. How should the number of Sanitary Inspectors for a municipality be determined and can any figure be set as a guide?
12. What control is required for restaurants and eating establishments, and how can this best be served?

TUESDAY, JUNE 2—9.00 A.M.

ONTARIO HEALTH OFFICERS' ASSOCIATION
 VETERINARY INSPECTION SERVICES
 PRIVATE DINING ROOM No. 1

Section Chairman: Dr. H. J. Davis, Aylmer
 Vice-Chairman: Dr. William Moynihan, Toronto

The Public Health Aspects of Bovine Mastitis. Dr. M. E. LeGard, Weston, Ontario.

Control of Dairy Products other than Milk with special reference to Chocolate Drink and Buttermilk. Dr. C. K. Mader, Food Inspector, Kitchener.

Rural Slaughter Houses. Dr. W. A. Gill, Food Inspector, London.

The Public Health Importance of Rat Control. Dr. W. B. McClure, Senior Bacteriologist, Division of Laboratories, Ontario Department of Health.

The Importance of Bacteriological Control of Eating and Drinking Utensils. Dr. H. D. Sparks, Chief Food Inspector, City of Ottawa.

Prophylactic Immunization for the Prevention of Equine Encephalitis. Dr. C. A. Mitchell, Animal Diseases Research Institute, Dominion Department of Agriculture.

Progress in Pasteurization. Dr. A. E. Berry, Director, Division of Sanitary Engineering, Ontario Department of Health.

The morning session will be followed by a Business Meeting of the Section at Luncheon in Private Dining Room No. 1 at 12.15.

TUESDAY, JUNE 2—9.00 A.M.

SECTIONS OF PUBLIC HEALTH NURSING AND INDUSTRIAL HYGIENE
 CANADIAN PUBLIC HEALTH ASSOCIATION
 PRIVATE DINING ROOM No. 2

Chairmen: Miss M. B. Millman, School of Nursing, University of Toronto, and Dr. J. G. Cunningham, Director, Division of Industrial Hygiene, Department of Health of Ontario

Effect on Community Health of Employment of Parents for War Purposes:

1. *Effect on the Home.* Mrs. A. Haygarth, Director of Public Health Nursing Services, Department of Public Health, Hamilton.

2. *Nutrition:*

(a) *In the Home.* Dr. E. W. McHenry, Associate Professor of Physiological Hygiene, University of Toronto.

(b) *At Work.* The Industrial Medical Officer. Dr. M. H. Limbert, Medical Director, Defence Industries Limited, Nobel.

The Dietitian. Mrs. V. G. Ignatieff.

3. *Care of Children:*

(a) *Organization of Day Care Schools.* Miss Bessie Touzel, Executive Secretary, The Welfare Council of Toronto.

(b) *Minimum Standards in regard to Personnel and Program of Nursery Schools.* Dr. Mary L. Northway, Institute of Child Study, University of Toronto.

4. *Co-ordination of Effort.* Miss Edna L. Moore, Chief Public Health Nurse, Division of Child Hygiene and Public Health Nursing, Department of Health of Ontario, Toronto.

Discussion.

TUESDAY, JUNE 2—9.00 A.M.

SECTION OF EPIDEMIOLOGY AND VITAL STATISTICS
CANADIAN PUBLIC HEALTH ASSOCIATION

HALL A

Chairman: Dr. J. Wyllie, Professor of Preventive Medicine,
Queen's University, Kingston.

An Outbreak of Paratyphoid Fever in the City of North Battleford, Sask. Dr. R. O. Davison, Deputy Minister of Public Health.

Detection of Tuberculosis in School Teachers in the Province of Quebec. Dr. Lasalle Laberge, Division of Tuberculosis, Ministry of Health and Social Welfare, Province of Quebec.

New Horizons in the Problem of Infantile Mortality. Dr. Paul Parrot, Demographer, Ministry of Health and Social Welfare, Province of Quebec.

Report of the Committee on Full-Time Health Services, Canadian Public Health Association. Dr. R. D. Defries, Director, School of Hygiene and Connaught Laboratories, University of Toronto.

A Combined Outbreak of Septic Sore Throat and Diphtheria. Dr. G. G. Simms, Department of Public Health of Nova Scotia, Pictou.

Diphtheria Toxoid and the Reinforcing Dose. Dr. John R. Wilkey, School Medical Officer, London.

TUESDAY, JUNE 2—2.30 P.M.

GENERAL SESSION
ONTARIO HEALTH OFFICERS' ASSOCIATION
CANADIAN PUBLIC HEALTH ASSOCIATION

BANQUET HALL

Chairman: DR. J. J. McCANN, M.P.

Recent Studies in Influenza. Dr. Ronald Hare, Research Associate, Connaught Laboratories, University of Toronto.

The Control of Tuberculosis in Canada in Wartime. Dr. G. J. Wherrett, Executive Secretary, Canadian Tuberculosis Association, Ottawa.

A.R.P. Work (Medical Services) in Montreal. Dr. Adelard Groulx, Director, Department of Health of Montreal.

Health Matters in National Defence Areas. Dr. Allan R. Morton, Commissioner of Health, Halifax.

A Nutritional Program for Canada in Wartime. Dr. L. B. Pett, Director of Nutrition Services, Department of Pensions and National Health, Ottawa.

Films.

TUESDAY, JUNE 2—8.00 P.M.

MEETING OF THE EXECUTIVE COUNCIL
CANADIAN PUBLIC HEALTH ASSOCIATION

HALL A

Presentation of reports and plans for 1942-43

Members of the Association are cordially invited to attend this session, whether they are members of the Council or not.

WEDNESDAY, JUNE 3—9.00 A.M.

ONTARIO HEALTH OFFICERS' ASSOCIATION

AND

SECTION OF EPIDEMIOLOGY AND VITAL STATISTICS
CANADIAN PUBLIC HEALTH ASSOCIATION

BANQUET HALL

Chairman: H. B. Kenner, M.D., Captain, R.C.A.M.C.; Medical Officer of Health, Stratford; President, Ontario Health Officers Association

An Epidemic of Diphtheria in Scarborough Township. Dr. C. D. Farquharson, Medical Officer of Health, Agincourt, Ontario.

A Cheese-borne Typhoid Epidemic. Dr. Jacques Gauthier, Director, Champlain County Health Unit, Cap de la Madeleine, Quebec, and Dr. A. R. Foley, Epidemiologist, Ministry of Health and Social Welfare, Province of Quebec.

An Epidemic of Typhoid Fever due to Cheese. Dr. Maxwell Bowman, Epidemiologist, Department of Health and Public Welfare of Manitoba, Winnipeg.

A Tuberculosis Fact-Finding Study in the London Secondary Schools. Dr. John R. Wilkey, School Medical Officer, London.

Scarlet Fever Immunization in Windsor. Dr. John Howie, Medical Officer of Health Windsor.

Diphtheria in Nova Scotia. Dr. J. J. MacRitchie and Dr. Eldon Eagles, Department of Public Health of Nova Scotia.

Interpretation of Laboratory Findings re Diagnostic Specimens. Dr. A. L. MacNabb, Director, Division of Laboratories, Department of Health of Ontario.

WEDNESDAY, JUNE 3—9.00 A.M.

PUBLIC HEALTH EDUCATION SECTION
CANADIAN PUBLIC HEALTH ASSOCIATION

HALL A

Chairman: Miss Mary Power, Department of Health of Ontario

Health Education Films.

The Interest of the Public in Health. Dr. D. W. Gudakunst, Medical Director, The National Foundation for Infantile Paralysis, Inc., New York.

- Educational Techniques for Nutrition. Dr. L. B. Pett, Director of Nutrition Services, Department of Pensions and National Health, Ottawa.
- Printed Matter in Health Education. Dr. Norman L. Burnette, Assistant Secretary, Metropolitan Life Insurance Company, Ottawa.
- Utilizing Service Clubs, Women's Organizations, and Other Local Organizations. Dr. D. V. Currey, Medical Officer of Health, St. Catharines, Ontario.
- Experiences of an Acting Medical Officer of Health in Peterborough, Ontario. Dr. Douglas B. Avison, Acting Medical Officer of Health, Peterborough.
- Health Education Films.

WEDNESDAY, JUNE 3—12.15 P.M.

LUNCHEON
CANADIAN PUBLIC HEALTH ASSOCIATION
ONTARIO HEALTH OFFICERS' ASSOCIATION
ROOF GARDEN

Chairman: H. B. Kenner, M.D., Captain, R.C.A.M.C.; Medical Officer of Health, Stratford; President, Ontario Health Officers' Association

Address: Wanted—A Child Health Administrator for Canada. Dr. Alan Brown, Physician-in-Chief, Hospital for Sick Children, Toronto.

Election of Officers and Reception of Reports of Committees, Ontario Health Officers' Association.

WEDNESDAY, JUNE 3—2.30 P.M.

GENERAL SESSION
CANADIAN PUBLIC HEALTH ASSOCIATION
ONTARIO HEALTH OFFICERS' ASSOCIATION
BANQUET HALL

Chairman: Dr. J. J. McCann, M.P., Renfrew
President, Canadian Public Health Association

Film.

POLIOMYELITIS:

Sources and Modes of Infection. Dr. James Craigie, Research Associate, Connaught Laboratories, University of Toronto.

Control and Treatment. Dr. D. W. Gudakunst, Medical Director, The National Foundation for Infantile Paralysis, Inc., New York.

ENCEPHALITIS:

Nature of the Infection. Dr. G. D. W. Cameron, Chief, Laboratory of Hygiene, Department of Pensions and National Health, Ottawa.

Clinical and Epidemiological Findings in the Outbreak in Western Canada in 1941.

Manitoba—Dr. C. R. Donovan, Director, Division of Disease Prevention, Department of Health and Public Welfare.

Saskatchewan—Dr. R. O. Davison, Deputy Minister of Public Health.

Reports of Committees on Nominations and Resolutions, Canadian Public Health Association.

DIVISION OF NURSE REGISTRATION

ALEXANDRA M. MUNN, Reg. N., *Director.*

I have the honour to present the Report of the Division of Nurse Registration for 1942.

The Inspector of Training Schools reports as follows:

Features of Visits to Schools of Nursing—1942:

1. Between January 1st and December 31st, 1942:

Ontario Hospital Schools of Nursing.....	5
Affiliate Schools of Nursing.....	4
General Hospital Schools of Nursing—1 visit each.....	38
General Hospital Schools of Nursing—2 visits each of 3	6

The latter two visits were to each of Lindsay Ross Memorial Hospital, Picton Prince Edward County Hospital, and Strathroy General Hospital.

2. Emergency Visits and short calls, 37.
3. Obstetrical Survey—Investigation of Epidemics and Extension Courses.
4. Canadian Nurses Association Convention, Montreal. Five days were spent at the meetings and in visiting the following hospitals:

1. St. Jean de Dieu Mental Hospital—6,000 beds. This four-hour visit was arranged and conducted by Miss Frances Upton, Registrar, Quebec Registered Nurses' Association. The problem being considered was the acceptability for registration in the Province of Ontario of nurses graduating from this hospital with less general hospital affiliation time than is required by nurses graduating from Ontario Mental Hospitals. St. Jean de Dieu student nurses affiliate for eight months. This experience does not include medical nursing, diet kitchen or out-patient and emergency departments.

2. Hotel Dieu General Hospital.

3. St. Justine's Children's Hospital—Possible affiliation for sister students.

4. Children's Memorial—affiliation from 6 schools of nursing in Eastern Ontario.

5. Alexandra Isolation—affiliation from 3 schools of nursing in Eastern Ontario.

6. Verdun Protestant Mental Hospital.

7. Royal Victoria Hospital—details of post-graduate course in obstetrics and gynaecology.

8. Montreal General Hospital—details of teaching set-up and educational program.

In addition, advantage was taken of our visit to confer with Miss Frances Upton, Registrar, at Nurse Registration offices for the Province of Quebec, and with Miss E. Johns, editor of *The Canadian Nurse*.

1. Plan of regular visits included:

(a) Discussion with Superintendent of Nurses regarding—

(1) Hours of Duty—these schedules in many hospitals still far exceed 58 hours per week, especially night duty. A few hospitals have arranged a six night week, but only a few have been able to arrange a six-day week. In the hospitals where an 8-hour day of 3 shifts has been organized complaints are voiced because of a seven-day week, and too often a split shift for students is in effect, *e.g.*, 7.30-11.30 and 7.30-11.30 p.m.; 7.30-11.30 a.m.; 3-7 p.m. Students frequently are required to attend lectures outside the 8-hour shift.

(2) Health program—this is fairly satisfactory throughout. However, there continues to be too many students admitted to sanatoria with tuberculosis contracted during the training period. Ear, nose and throat examinations previous to enrolment appear to be reducing appreciably the number of days of illness due to upper respiratory infections among students.

(3) Admission of students—many schools state that the choice of applicants is not as good as in previous years and that the educational qualifications are not as satisfactory. Also some schools previously admitting students only after their 19th birthday have lowered the entrance age to 18 years. There has been a little worry in checking over records on finding some students in their 17th year.

(b) (1) Teaching conditions—keen interest is found in the majority of schools in the development of a good educational program for students. Three schools visited this year have not yet appointed a full-time instructress. These schools in many respects fall far below the average of the schools in the Province.

(2) Supervision and ward teaching were especially stressed during visits this year. Staff education, both in service and post graduate and refresher courses, was discussed in all hospitals. When possible to arrange, such a graduate nurses' conference was held.

(c) (1) Ward Visits—medical or surgical Ward—usually one or other of these services was visited and students observed in bedside nursing. Many hospitals still have mixed services. There continues to be evidence of much need for student supervision and guidance in the performance of ward duty.

(2) Obstetrical Units—visited in practically all hospitals. Details of ward and nursery procedures and techniques were investigated. An appreciable interest in improving these units was noted.

2. Emergency and Brief Visits—these included:

(a) Visits to 11 hospitals with the Emergency Nursing Adviser.

(b) Visits to 6 hospitals for obstetrical surveys and investigation of infant nursery epidemics.

(c) Visits to 2 hospitals desiring to organize training schools.

(d) Visits to 10 Ontario Hospitals to discuss staff education.

(e) Several visits regarding hospital problems.

3. Extension Courses, University of Toronto School of Nursing—Through the Department of Health two extension courses of one month each were arranged with the University of Toronto School of Nursing; one in nursery routines and techniques and one in obstetrical routines and techniques. Clinical experience was provided at St. Michael's Hospital, Women's College Hospital and the Hospital for Sick Children. Twenty-two graduate nurses attended the course in nursery procedures; and eighteen attended the course in obstetrical procedures. It was necessary to keep the numbers down due to over-burdened hospital staffs. The latter course was not intended as a post-graduate course to prepare graduates to take over the organization and operation of an obstetrical unit, but simply as an introduction to improved basic routines and good techniques lacking in most hospitals visited. Many of those attending the courses have expressed their appreciation and stated that they received valuable assistance in guiding them in the reorganization of the obstetrical unit in the hospital to which they returned.

Visits have been difficult this year. Many problems have been presented and discussed. Turn-over of graduate staff has been a serious worry. Hospital executives are keenly aware of the need for follow-up teaching and supervision of students on wards. The need for each hospital to encourage graduate staff members to better prepare themselves for duties of teaching and supervision was stressed. Formerly the tendency was for schools of nursing to appeal to university schools for specially trained nursing personnel.

COUNCIL OF NURSE EDUCATION:

Thanks are due to the Council of Nurse Education who gave time to the many and varied problems in spite of ever-increasing demands in their own fields of labour.

Six meetings were held. The business of planning for May and November examinations was heavier than usual. Suitable examiners were more difficult to secure due to the fact that hospitals are at present suffering from a lack of trained executives.

The Council was asked to consider the introduction of degree courses in nursing, organized in the hope that interest would be stimulated and more trained help available for teaching posts.

In addition to the course leading to a B.Sc. N., which has been offered by Western University at London, for some years, the following courses are now announced:—

Toronto University School of Nursing—a new five-year course leading to the Degree of B.Sc. N.

McMaster University, Hamilton—a Bachelor of Arts Degree following three years' training in the Hamilton General Hospital, and two and one-half years in the Faculty of Arts.

Queen's University, Kingston—a five-year course in combination with the General Hospital, Kingston, leading to a B.Sc. N. Degree.

Ottawa University, Ottawa—a five-year course in combination with the General Hospital, Ottawa, leading to a B.Sc. N. Degree.

These courses will be watched with interest.

A recommendation, received from the Canadian Nurses' Association, regarding the acceleration of training courses in selected schools was received by the Council of Nurse Education. This plan will be studied during the coming year.

While the largest classes yet enrolled for training were graduated in 1942, there is still a shortage of nurses for institutional nursing as well as for general duty in the special fields such as Mental and Tuberculosis nursing.

In co-operation with the Registered Nurses' Association of Ontario, a leaflet "Ontario Needs Nurses" was issued to all secondary schools in the hope that interest might be stimulated in nurse training. This leaflet was given publicity through the various branches of the Women's Institutes through the kindness of Miss Mary Clarke, Superintendent, Women's Institute Branch, Ontario Department of Agriculture.

In June, The Council received Miss Mary Blackwood, who described the Kenny Treatment as demonstrated by Sister Kenny in Minneapolis, Minnesota. A Committee, recommended for appointment by the Council, was set up to study ways and means so that Miss Blackwood would have assistance in working out a plan of service to certain areas during the month of July.

A third course in the training of practical nurses is now under way. This six months' course has been well received and seventeen of these students received their diplomas at the Academy of Medicine following the course given in Toronto in 1942. This group will be registered with the Central Registry of Graduate Nurses in Toronto.

Two hundred and four applications for registration in Ontario have been received from nurses trained and registered in Alberta, British Columbia, Manitoba, New Brunswick, Nova Scotia, Prince Edward Island, Saskatchewan and Quebec.

STATEMENT OF REGISTRANTS

Total number registered, 1942.....	1,500
Total number taking examination, 1942	1,552
Total number registered since 1923.....	28,036

STATEMENT OF REVENUE

Registration Fees	\$ 7,520 00
Re-Registration Fees.....	16,705 98
Training School Records.....	126 47
Examination Fees	6,635 00
Miscellaneous.....	51 28
TOTAL.....	\$ 31,038 73

DIVISION OF SANITARY ENGINEERING—1942

A. E. BERRY, M.A.Sc., C.E., Ph.D., *Director.*

Another war year has brought many problems of an abnormal nature in the field of sanitation. Some services have had to be curtailed; new projects have been delayed; and many of the activities of the staff have been devoted to work associated with the war effort. Reduction in staff has made it difficult to carry on effective supervision of works entrusted to the divisional field.

The work of the Division has included the supervision of public water supplies, public sewerage systems, the examination of plans and specifications for new or extended waterworks, sewerage systems and refuse incinerators; milk distributing plants, summer camps and recreational facilities; nuisances and conditions giving rise to complaints; approval of plans and regulations of cemeteries; swimming pools and bathing areas; and advice to local health officers on sanitary problems.

Public Waterworks:

At the end of the year there were 205 public waterworks systems in operation in the province. *The Public Health Act* places responsibility on the Department for the supervision of these water supplies. This is carried out by the approval of plans and specifications for new systems and for the extension of existing ones, in conjunction with periodic examination of these plants by engineers of the Division.

The expenditure approved for waterworks during the year amounted to \$804,654.37. The figure for the previous year was \$982,564.79. 94 certificates of approval were issued. This work has been reduced to a minimum because of the desire to avoid the use of critical war materials, and to the governmental restrictions placed on these same materials. The Dominion Government through the Department of Munitions and Supply, has endeavoured to curtail the use of metals needed in the war. Cast iron pipe, copper, and other metals normally used in waterworks in substantial quantities have been affected. Efforts have been made to find substitutes as far as possible. Copper service pipe is no longer available. Wood stave pipe has been used in some places instead of cast iron mains. While these restrictions have altered the normal procedure in water works administration there has not been any serious interference in the maintenance of existing systems.

Changes in operating personnel in waterworks have intensified the problem of securing satisfactory results. Trained operators have been called for military duty or to the industrial field. An effort has been made to maintain contact with the operators by regular visits to the treatment plants. Reduction in staff of the Division has made this more difficult. The Division has endeavoured to assist wherever possible with problems arising in connection with the quality and safety of water.

During the year, and particularly in the warm weather, a number of instances have occurred in which the water in the distribution systems has shown pollution, in spite of the fact that no such conditions were apparent at the pumping stations. The use of higher chlorine dosages or chloramine was successful in some places.

The extension of watermains to serve wartime housing and new industrial developments has continued during the year. In many centres a further increase in water consumption has been noticed. The same was found in the previous year.

The new waterworks plant in the City of Toronto has now been in operation for more than a year. No new plants have been put into service during the year.

New intakes have been constructed at Fort Erie and at Port Credit. Additional reservoir capacity has been built at Nipigon and Windsor. Improvements to the sources of supply have been made at Preston, North York Township and Weston.

Public Sewerage Systems:

A program similar to that for waterworks has been carried out by the Division in connection with sewerage systems. Public systems now in use total 134. During the year the Department issued 124 certificates of approval for new works and extensions. The estimated expenditure on these was \$1,522,571.77 as compared with \$797,621.70 for the previous year.

While municipal sewage treatment plants have not increased in the year there have been more plants built for industries and institutions. Much or most of this has been associated with the war program.

The increased consumption of water has placed greater loads on sewage purification works, and a number of these have reached the point where they are either overloaded or are rapidly approaching that condition. Extension of these plants has been avoided except where it was imperative. This has been in keeping with the policy of conservation of war materials.

Regular examination has been made, as far as staff permitted, of the sewage treatment plants in the province, and every effort is made to assist the operators in the solution of their problems. Sludge handling is a major item. Wet disposal on land has been carried on as in the past; and, under defined conditions, it offers a number of advantages.

Extensions have been approved for the disposal plants at Long Branch and St. Thomas. Several new industrial plants, as well as extensions, have been made for war industries. Considerable expenditure has been involved in centres to serve wartime housing projects.

War Projects:

During the year, wartime housing has increased substantially. The Division has continued, as in previous years, to co-operate and to give assistance to war projects where sanitation was involved. These have been equipped with modern sanitary facilities. Most of these are either in or adjacent to municipalities having public waterworks and sewerage systems. Less work has been involved in military camps, but industrial development has continued. New plants and enlargements of others have called for more water and for more adequate sewage treatment units.

Milk Control Program:

The program of milk control has continued as in the previous year. The work of the Division has been directed to the supervision of pasteurization plants. At the end of the year the number in operation was 776, as compared with 810 for the previous year. A number of factors have been responsible for

reducing the total of plants, but labor conditions have probably been the major one. 1,335 inspections were made of these plants during the year. This is not adequate to maintain desirable supervision.

Pasteurized milk is estimated to constitute over 98% of the total sales in the province. No additional areas were designated for this in the year. Restrictions on gasoline and tires made this necessary. Milk consumption in the province continued to rise consistently.

The program of the Division has not included inspection of the farms. The past year has brought many problems in the production and processing of milk. Labor scarcity has resulted in a deterioration of raw milk quality in a number of places. High bacterial counts have been found, and this has made processing more difficult. Until the supply from the farms can be carefully controlled the results will not be all that can be desired. A similar situation applies in the dairies, where lack of help has resulted in higher-than-usual plate counts during the warm weather. The use of the phosphatase test and other laboratory examinations has been most beneficial in protecting the safety of the milk delivered to the consumer.

Recreational Sanitation:

Activities at most recreational centres of the province have been influenced by the effects of the war. Restrictions on motor traffic reduced the number of visitors. Places favourably situated for railway and bus traffic enjoyed substantial attraction.

The work of the Division in this field was centred on the supervision of water, sewage disposal, food supplies and sanitation at summer resorts and hotels; and on examination and licensing of summer camps. The Department issued licenses to 194 summer camps. Most of these camps are for children, are usually classed as fresh air camps and are sponsored by a variety of organizations.

No regular examination has been made of the tourist camps, refreshment stands, or private tourist homes. These have been under the direction of the local health officers. Licenses for these services are issued in some municipalities only.

Refuse Collection and Disposal:

The collection and removal of refuse from municipalities gives rise to several complaints. Regular collection procedure is increasing slowly, in spite of the moderate costs involved. Requests for assistance in the solution of these problems are received frequently.

Disposal of the refuse is divided between dumps and incineration. There is increasing difficulty in securing sites which will be free from objectionable conditions. This has stimulated the construction of incinerators. During the year incinerators have been constructed or initiated in the following municipalities: Weston, East York, Forest Hill, Peterborough and Kingston.

Nuisances and Complaints:

The year brought a considerable number of requests for assistance in the solution of complaints and nuisances. Many of these are from health officers and, since these officials are changing rapidly because of enlistments, the number of requests has increased.

A difficulty which arises concerns the separation of those complaints which should be a responsibility of health agencies. Many are made which are merely inconveniences, but are in no way associated with health nuisances. Under provincial legislation the latter are interpreted to mean something which is likely to cause disease. Appropriate action for dealing with legitimate nuisances is set out in *The Public Health Act*.

Reduction in Typhoid Fever:

The control of typhoid fever may be taken as an index of sanitary conditions. During the year a further reduction in this disease has occurred. In 1941 the death rate of 0.4 per 100,000 was the lowest on record to that date. In 1942 this figure was further reduced to 0.26 deaths per 100,000 population.

Laboratory Analyses and Investigations:

The laboratory facilities of the Division have been utilized chiefly for special investigations rather than for routine tests. Over 6,000 examinations were made during the year on water, sewage, milk and related materials. A considerable number of tests were carried out for departments of the Dominion Government and for the military authorities.

Food Control:

Food control is primarily a problem of the municipalities, and they are expected to exercise supervision over the sale of all food, and the methods of handling this in restaurants, hotels and other eating places. The Division has received an increasing number of requests for assistance in this work. The necessity for sanitation of foods at this time is being given growing recognition. Some better guide for standard practice in the control of eating places is needed, with greater facilities being provided for the municipal officials who are engaged in this task.

Farm Service Camps:

The Division has co-operated closely with the Department of Agriculture in the inspection of farm service camps. Many girls have been employed on this work, and they are housed in special camps. Water supplies, sewerage, foods and housing have been checked as far as inspection facilities were available.

Housing:

The unusual conditions created by the war have resulted in the concentration of war workers in the vicinity of industrial plants. Housing problems were intensified, and many temporary structures were required. Valuable work has been done by "Wartime Housing" in providing temporary houses, well designed, comfortable and completely equipped with sanitary facilities. The provision of water, sewerage, and refuse collection for these new houses has, as far as feasible, been linked with municipal systems. Much new work has been needed in the extension of watermains and sewers.

Control over Cemeteries:

Changes in *The Cemetery Act* were made in 1941. These were followed by regulations in October of the same year. Under this authority all operators of cemeteries were required to submit to the Department by January first, 1942, plans, by-laws and other information on the cemeteries. Since there had been no previous listing of cemeteries in the province much work has been involved

in getting the necessary data. At the end of the year there were 438 cemeteries either approved or in the course of approval in accordance with the regulations. This new procedure has had a most beneficial effect in bringing greater uniformity and improved operation of these places.

The Tables appended show the action taken on applications for the approval of waterworks and sewerage.

CERTIFICATES ISSUED RE WATERMAIN EXTENSIONS, PURIFICATION, ETC.,
FOR THE YEAR 1942

MUNICIPALITY	No. of Certificates	Watermain Extensions	Supply and Purification	New Systems
Brantford.....	1	\$ 22,701.00	\$.....	\$.....
Capreol.....	1	1,677.20	.....	.....
Chatham.....	1	631.40	.....	.....
Collingwood.....	1	14,475.71	.....	.....
Cornwall.....	3	4,793.60	.....	.....
Crowland Twp.....	2	27,696.00	.....	.....
Dresden.....	1	10,000.00	.....	.....
Etobicoke Twp.....	1	4,145.00	.....	.....
Fort Erie.....	1	11,012.00	.....	.....
Fort Frances.....	1	1,800.00	.....	.....
Fort William.....	1	9,550.00	.....	.....
Hamilton.....	2	53,300.00	.....	.....
Iroquois.....	1	2,650.00	.....	.....
Leaside.....	3	29,831.00	.....	.....
Long Branch.....	1	10,232.13	.....	.....
Malton.....	2	18,090.50	.....	.....
Monaghan North Twp.....	2	9,325.00	.....	.....
Nelson Twp.....	1	2,660.00	.....	.....
Nepean Twp.....	1	1,666.00	.....	.....
Nipigon Twp.....	2	2,000.00	6,000.00	.....
Nobel.....	2	21,756.51	.....	.....
Orillia.....	1	9,400.00	.....	.....
Ottawa.....	1	3,325.00	.....	.....
Pembroke.....	1	14,063.90	.....	.....
Peterborough.....	4	59,679.51	.....	.....
Pickering Twp.....	3	56,662.61	.....	.....
Port Arthur.....	1	17,067.56	.....	.....
Port Credit.....	3	1,590.00	26,000.00	.....
Preston.....	1	2,953.45	8,040.00	.....
Renfrew.....	1	5,500.00	.....	.....
St. Catharines.....	1	10,211.46	.....	.....
Saltfleet Twp.....	2	50,400.00	.....	.....
Sarnia Twp.....	3	6,274.26	.....	.....
Stamford Twp.....	3	19,229.23	.....	.....
Sudbury.....	3	18,413.80	.....	.....
Tilbury.....	1	7,186.00	.....	.....
Timmins.....	1	5,695.99	.....	.....
Toronto.....	5	5,364.00	.....	.....
Toronto Twp.....	1	10,000.00	.....	.....
Wallaceburg.....	2	3,562.70	3,500.00	.....
Welland.....	2	13,270.45	.....	.....
Weston.....	1	4,800.00	.....	.....
Windsor.....	1	.....	80,000.00	.....
York Township.....	4	13,645.00	.....	.....
York Township E.....	9	20,297.00	.....	.....
North York Township.....	8	7,529.40	55,000.00	.....
Total.....	94	\$ 626,114.37	\$ 178,540.00	.....

CERTIFICATES ISSUED RE SEWERAGE FOR THE YEAR 1942

MUNICIPALITY	No. of Certificates	Sewer Extensions	Disposal	New Systems
Barrie	1	\$ 4,947.92	\$.....	\$.....
Belleville	2	8,576.85		
Brantford.....	2	30,800.20		
Chatham.....	2	1,274.00		
Collingwood	1	18,386.70		
Cornwall.....	1	680.00		
Crowland Township.....	3	40,045.36		
Dundas.....	1	1,700.00	3,100.00	
Elmira.....	1	766.20		
Forest Hill Village.....	4	22,500.00		
Fort Erie.....	1	21,345.00		
Fort William.....	2	22,910.88		
Georgetown (private).....	1		9,100.00	
Goderich.....	1	801.99		
Hamilton.....	2	325,255.00		
Kenora.....	1	1,311.85		
Kingston.....	4	7,600.55		
Kitchener.....	1	2,169.00		
Leaside.....	2	32,601.00		
London.....	6	26,027.34		
Long Branch.....	4	33,253.22	22,650.00	
Malton.....	2	16,093.26		
Monaghan North Township.....	3	7,404.46		
Morrisburg.....	1	2,125.00		
Nelson Township.....	1	3,012.42		
Nepean Township.....	1	1,534.00		
New Toronto.....	1	2,200.00		
Nipigon Township.....	1	3,321.52		
Nobel.....	2	28,997.77		
Orillia.....	1	18,500.00		
Ottawa.....	3	5,971.00		
Pembroke.....	2	6,492.24		
Peterborough.....	3	92,902.93		
Pickering Township.....	3	21,919.56		
Port Arthur.....	2	41,666.81		
Renfrew.....	1	7,600.00		
St. Catharines.....	1	10,978.60		
St. Thomas.....	1		24,000.00	
Saltfleet Township.....	2	149,000.00	29,000.00	
Sandwich East Township.....	1	45,900.00		
Sarnia.....	1	1,881.55		
Simcoe.....	2	2,711.00		
Stamford Township.....	2	11,423.74		
Sudbury.....	1	8,511.00		
Timmins.....	2	2,772.66		
Toronto.....	10	44,320.00		
Wallaceburg.....	1	13,906.39		
Welland.....	4	71,136.00		
Weston.....	1	5,400.00		
Woodstock.....	1	150.00		
York Township.....	1	15,000.00		
York East Township.....	12	38,762.00		
York North Township.....	11	89,196.55	12,500.00	
Total	124	\$1,373,743.52	\$ 148,828.25	

SUMMARY

RE WATERWORKS:	Estimated Cost
Extensions to existing systems.....	\$ 626,114.37
Purification of water supplies	178,540.00
New Systems.....	.....
Total.....	\$ 804,654.37

RE SEWERAGE:	
Extensions to existing systems.....	\$1,373,743.52
Treatment Works.....	148,828.25
New Sewerage Systems.....	.....
Total.....	\$1,522,571.77

The total number of applications favourably reported upon re Waterworks and Sewerage for the year was 218 and involves an estimated expenditure of.....\$2,327,226.14

DIVISION OF LABORATORIES

A. L. McNABB, B.V.Sc., *Director.*

The volume of work conducted by the Division of Laboratories in 1942 exceeded that of any previous year. 984,109 examinations were made, which is an increase of 120,567 over the year 1941 and 382,569 examinations more than were performed during the year 1939.

In September, 1942, Dr. E. P. Johns, Director of our Governmental Laboratory, Barrie Street, Kingston, returned to London, Ontario, where he assumed the responsible position of Professor of Pathology, Western University, London, Dr. E. C. Beck, Bacteriologist at the Governmental Laboratory, Barrie Street, Kingston, was transferred to the post of Bacteriologist at the Ottawa Branch Laboratory.

The increased volume of work was accompanied by an increased demand on the preparation and media sections of our Central Laboratory, 1,064,693 outfits having been prepared and distributed from the Central Laboratory.

Table I indicates the number and variety of outfits distributed during the year.

TABLE I
OUTFITS DISTRIBUTED AT THE CENTRAL
LABORATORY DURING 1942

Wassermann.....	937,687
Gonococcus Smears.....	10,806
Non-Protein Nitrogen.....	5,089
Pin Worm.....	795
Miscellaneous.....	6,498
Dark Field.....	1,458
Cows' Blood.....	1,110
Spinal Fluid.....	4,089
Gonococcus Cultures.....	2,566
Blood Cultures.....	2,305
Whole Bloods.....	1,568
Restaurant.....	498
Beverage Room.....	165
Pathology.....	8,473
Water Bottles (with containers).....	11,476
Water Bottles.....	3,720
Diphtheria.....	12,031
Sputum.....	31,008
Blood Sugars.....	12,047
Faeces.....	7,441
Streptococcus.....	3,249
Special Serology.....	214
Experimental.....	400
Total.....	1,064,693

Table II indicates the amount of media prepared in the Central Laboratory during the year.

TABLE II
MEDIA, STAINS, ETC., PREPARED

Fluid media.....	2,467 litres
Differential media, tubed	126,145 tubes
Solid media in Petri plates.....	66,453 plates
Faeces and Blood culture Outfits	18,742 bottles
Saline solution	1,041 litres
Stains.....	867 litres
Tubes for G.C. Outfits.....	3,976 tubes

In May, 1942, the administration provided the necessary funds for the establishment of a serological laboratory in the building previously occupied by the Industrial School, Howland Avenue, Mimico. The necessary structural changes were completed, and the serological work was transferred to this unit on November 1st. This change enables us to render a more efficient service, and also provides the necessary accommodation for still a further increase in the volume of work. A suitable structure providing animal room facilities was built adjacent to the laboratory building. Additional laboratory space was made available in the East Block Laboratory. Investigational studies relative to culture media for the primary isolation of gonococci and a study of acid fast organisms other than tubercle bacilli are being conducted.

Table III outlines the total volume and the nature of examinations conducted at each of the Divisional and subsidized laboratories.

TABLE III
 DIVISION OF LABORATORIES—DEPARTMENT OF HEALTH, ONTARIO
 TOTAL VOLUME OF WORK PERFORMED BY DIVISIONAL LABORATORIES FOR THE YEAR OF 1942

TYPE OF SPECIMENS	To- ronto	Lon- don	Ota- tawa	Fort Wil- liam	Rich. Lab. King- ston	North Bay	Peter- boro	Sault Ste. Marie	Ensl King- ston	Belle- ville	St. Catha- rines	Total
BACTERIOLOGY:												
Diphtheria—Direct Smears.....	2094	1810	225	107	12	20	200	1		200		4669
Cultures.....	6784	2145	3071	347	619	400	222	2613		200	22	16423
Virulence Tests.....	357	8	111	1		16						493
Further Tests.....	338	1523		347		400						2608
Kellogg Tests.....	29											29
Tuberculosis—Concentration Smears.....	19437	3760	2464	2545		977	290	252	3088	103		32916
Guinea Pig Inoculations.....	1398	6	39	79		127	15	2	10			1676
Cultural Examinations.....	10887	556	986	1077		357		1	943			14807
Miscellaneous Smears.....	5621		57			562					287	6527
Pneumonia—Pneumococcus Typing.....	2524	136	39	158	23	2	13	3		13	5	2916
Animal Inoculations.....	2228	1	16	74		172				11		2502
Meningitis—Spinal Fluids.....	37	56	81		38	237	57	12		42	18	1378
Swabs.....	1596	879	320	1452	13		219	2613		109	494	7682
Streptococcus Infections—Swabs.....	142			51								193
Groupings.....	82	10	10	7		7						116
Cough Plates.....	423	1		10		12	5	1	11		8	471
Fungus Cultures.....												
AGGLUTINATIONS:												
Whole Bloods—Typhoid H. & O.....	2453	2359	307	246	183	338	78	9	10	115	68	6166
Typhi Vi.....	71					169			10	115	68	433
Paratyphoid A.....	2453	1256	307	123	183	169	78	9	10	115	68	4771
Paratyphoid B.....	2453	2384	307	246	183	169	78	9	10	115		5954
P. Tularensis.....	2453	692	63	124		169	76	9	10			3596
Para Dysentery Flexener.....	12											12
Dysentery Shiga.....	12											12
Miscellaneous.....	17											17
Infectious Mononucleosis— Heterophile Antibody.....	149	101	29	3								282
Undulant Fever—Opsonic Index.....	3											3
Br. Abortus.....	2453	1261	313	117	184	182	81	9	10	115	68	4796
Bovine Brucelliasis—Cows' Bloods.....	505	804	1	16		13	193					1532
Blood Cultures.....	3433	1375	338	241	97	181	117	10	10	103	56	5961

TABLE III—Continued
 DIVISION OF LABORATORIES—DEPARTMENT OF HEALTH, ONTARIO
 TOTAL VOLUME OF WORK PERFORMED BY DIVISIONAL LABORATORIES FOR THE YEAR OF 1942

TYPE OF SPECIMENS	To- ronto	Lon- don	Ota- tawa	Fort Wil- liam	Rich. Lab. King- ston	North Bay	Peter- boro	Sault Ste. Marie	Ensol King- ston	Belle- ville	St. Catha- rines	Total
Spinal Fluids—Kolmer Wassermann	4948	1250	753	366		232			637			8186
Standard Kahn	3323	375	47	1		76						3822
Colloidal Gold	5120	1312	763	364		227			466			8252
Colloidal Mastic				15					466			481
Total Protein	4496	1130				225			306		43	6157
Globulin		1303	762	376		143			316			2627
Chlorides		48		2				6	476	40	43	366
Cell Count		1304	17	376		172				882		2434
Quantitative Laughlin Test	282											282
Virus Infection—Rabies		1				1						7
Psittacosis No. Birds Examined	279											279
Psittacosis No. Sputums Examined	12											12
Psittacosis No. Bloods Examined	22											22
NO. OF EXAMINATIONS FOR YEAR.....	514040	117348	98133	50481	5676	49443	9308	15868	53718	5295	3263	919083
PATHOLOGY—Surgical	8264	1638			2733		833			1066	1431	15965
Autopsy.....	83	22					252	4		26	48	435
Blood Smears	126	7				17		64		3691	149	4054
NO. OF EXAMINATIONS FOR YEAR.....	8473	1667			2733	17	1085	68		4783	1628	20454
CHEMISTRY—Blood Sugar	16133	3059	733	427	735	811	300	642	132	451	192	23615
Non Protein Nitrogen	2910	655		153	9	161		1	7	66	162	4124
Water	118		66					437				649
Miscellaneous	5305	721	62	153	47	66	165	2132	715	116	106	9588
Coal—Calorific Value.....	102											102
Moisture	121											121
Ash	162											162
Liquors—Alcohol	1544											1544
Beers	240											240
Spirits	373											373
Wines	554											554
NO. OF EXAMINATIONS FOR YEAR.....	27562	4463	861	733	791	1038	465	3212	854	633	460	41072
GRAND TOTAL EXAMINATIONS FOR YEAR.....	550075	123478	98994	51214	9200	50498	10858	19148	54572	10721	5351	984109

The volume of work outlined in Table III includes the specimens received from the Canadian Army, Royal Canadian Air Force, Industrial Projects, Red Cross Blood Donor Clinics and the civilian population. In 1942 the volume of work performed by the Central Laboratory was 550,075 which is an increase of 96,917 examinations over the previous year. The gross increase for all Divisional Laboratories was 120,567.

Table IV outlines the nature, number and percentage of examinations performed by the Central Laboratory and Branch Laboratories, for the Royal Canadian Air Force for the year 1942.

TABLE IV

ONTARIO DEPARTMENT OF HEALTH—DIVISION OF LABORATORIES
VOLUME AND PERCENTAGE OF EXAMINATIONS PERFORMED FOR THE
ROYAL CANADIAN AIR FORCE, 1942

Nature of Examination	Total No. of Exams. performed by the Central Laboratory	Total No. of Exams. performed for the Air Force	Percent.
Bacteriology.....	139,833	3,719	2.7
Pathology.....	8,473	104	1.2
Serology.....	374,207	39,585	10.6
Chemistry.....	27,562	569	2.1
Total No. of Exams. done by the Central Laboratory.....	550,075	43,977	8.0
Total No. of Exams. done by the Branch Laboratories.....	434,034	37,991	8.7
Total No. of Exams. done by the Division of Laboratories.....	984,109	81,968	8.3

From the examination of Table IV it can be seen, that the volume of work conducted for the Royal Canadian Air Force was 8.3 per cent. of the total volume and 8.0 per cent. of the volume of work performed by the Central Laboratory. This is an increase over the year 1941, when the work conducted for the Royal Canadian Air Force was 4.8 per cent. of the total volume.

Table V shows the nature, number and the percentage of the total volume of examinations performed for the Canadian Army for 1942. In 1942, 92,130 examinations, or 9.3 per cent. of the total volume of work conducted by the Divisional Laboratories, was conducted for the Canadian Army, representing an increase of 35,370 over examinations performed in 1941.

TABLE V

ONTARIO DEPARTMENT OF HEALTH—DIVISION OF LABORATORIES
VOLUME AND PERCENTAGE OF EXAMINATIONS PERFORMED FOR THE
ARMY, 1942

Nature of Examination	Total No. of Exams. Performed by the Central Laboratory	Total No. of Exams. Performed for the Army	Percent.
Bacteriological.....	139,833	9,903	7.1
Pathological.....	8,473	400	4.7
Serological.....	374,207	33,492	9.0
Chemical.....	27,562	6,002	21.8
Total No. of Exams. performed by the Central Laboratory.....	550,075	49,797	9.1
Total No. of Exams. performed by the Branch Laboratories.....	434,034	42,333	9.5
Total No. of Exams. performed by the Laboratory Division.....	984,109	92,130	9.3

The cost per examination at the Central Laboratory for the year 1942 was 32c and at the Branch Laboratories 30c per examination. The cost of Laboratory services rendered by the Divisional Laboratories for the Canadian Army was \$28,634.94 and for the Royal Canadian Air Force was \$25,469.94.

A brief summary of the Bacteriological work follows:

Diphtheria:

Table VI indicates that there was a slight increase in the number of swabs submitted to determine the presence of *C. diphtheriae*.

TABLE VI

ONTARIO DEPARTMENT OF HEALTH—CENTRAL LABORATORY, 1942
DIPHThERIA

Cultures			Virulence Tests		
Positive	Negative	Total	Positive	Negative	Total
405	6,379	6,784	103	254	357 *

*Virulence tests conducted on microscopically typical and atypical diphtheria bacilli.

Of the 6,784 swabs submitted, 405 showed the presence of an organism resembling *C. diphtheriae* on direct examination. Of 357 cultures subjected to toxicity tests, 103 were found to contain true toxin producing diphtheria organisms. This includes not only specimens submitted from the civilian population but from the personnel of the Armed Forces.

Table VI (a) is an analysis of the data included in Table VI.

TABLE VI (a)
DIPHThERIA
EXAMINATIONS, SHOWING PERCENTAGE POSITIVE

Pos.	ARMY			AIR FORCE			CIVILIANS			Total Positive	Grand Total
	Neg.	Total	Pos.	Neg.	Total	Pos.	Neg.	Total			
68 6.6%	958	1,026	5 1.3%	372	377	322 6.1%	5,049	5,381	405 6.0%	6,784	

NOTE:—These positive smears include typical and atypical diphtheria bacilli.

VIRULENCE TESTS CONDUCTED ON MICROSCOPICALLY TYPICAL AND ATYPICAL DIPHThERIA BACILLI

Pos.	ARMY			AIR FORCE			CIVILIANS			Total Positive	Grand Total	
	Neg.	F. to I.	Total	Pos.	F. to I.	Total	Neg.	F. to I.	Total			
4 7.4%	35	15	54	0 0%	2	11	99 33.8%	159	34	292	103 28.8%	357

From the above mentioned table it will be noted that of the specimens subjected to toxicity tests, 7.1 per cent. of the specimens submitted by the Canadian Army, 33.8 per cent. of the specimens from the civilian population and none from the Royal Canadian Air Force, contained diphtheria organisms.

Tuberculosis:

Table VII indicates that 18,437 specimens were received for microscopic examination to determine the presence or absence of tubercle bacilli.

TABLE VII
SMEAR PREPARATIONS FOR TUBERCLE BACILLI

Positive	Negative	Total
1,208	18,229	19,437

Table VII indicates that of 19,437 sputum specimens received, 1,208 or 6.2% were positive.

The Central Laboratory tested 10,880 specimens by cultural and animal inoculation methods for the presence of tubercle bacilli.

TABLE VIII
CENTRAL LABORATORY—CULTURAL EXAMINATIONS FOR TUBERCLE BACILLI—NOV. 1st, 1941—OCT. 31st, 1942.

TYPE OF SPECIMEN	No. of Specimens	Positives		Total Positives	Negative Cultures	% Positives
		4 Wks.	8 Wks.			
Sputa.....	8,448	299	314	613	7,835	7.12
Pleural Fluids.....	651	17	24	41	610	6.29
Urines.....	683	30	8	38	645	5.55
Left Kidney Urine.....	287	2	1	3	284	1.05
Right Kidney Urine.....	292	3	6	9	283	3.08
Glands.....	64	6	3	9	55	14.06
Pus.....	105	10	5	15	90	14.28
Joint Fluids.....	135	6	3	9	126	6.66
Miscellaneous.....	143	6	4	10	133	6.99
Spinal Fluids.....	79	4	7	11	68	13.92
	10,887	383	375	758	10,129	7.0

Table IX shows the comparative results of cultural and animal inoculation tests obtained from the examination of 1,398 specimens. It also indicates that the culture was positive and the animal inoculation test negative in two instances, while the animal inoculation test result was positive and the cultural test negative in 19 instances.

TABLE IX

CENTRAL LABORATORY

COMPARATIVE STUDY OF CULTURAL AND ANIMAL INOCULATION TESTS
FOR TUBERCLE BACILLI—NOV. 1, 1941—OCT. 31st, 1942

TYPE OF SPECIMEN	Total No. Pigs	Guinea Pigs		Cultures Pos. Pig Neg.	Cultures Neg. Pig Pos.
		Negative	Positive		
Sputa.....	7	5	2	....	1
Urines.....	173	130	43	1	6
Left Kidney Urine.....	29	26	3	....	....
Right Kidney Urine.....	28	25	3	....	....
Glands.....	20	16	4	....	....
Pus.....	49	36	13	....	2
Bursa Fluid.....	71	63	8	....	....
Miscellaneous.....	81	71	10	1	7
Spinal Fluids.....	35	30	5	....	1
Pleural Fluids.....	33	18	15	....	2
Gastric Contents.....	872	800	72	....	....
	1,398	1,220	178	2	19

Typing of Pneumococci:

The Central Laboratory continued the preparation of serum for the typing of pneumococcal strains. The following table indicates the number of specimens typed, the number which contained pneumococci and the types identified.

TABLE X
PNEUMOCOCCUS TYPING—1942

TYPE	Sputa Specimens	Throat Swabs	Pleural Fluids	Spinal Fluids	Ear Swabs	Eye Swabs	Misc.	Total
1.....	53	1	5	1	2	....	1	63
2.....	61	1	1	1	1	....	....	65
3.....	82	3	1	5	5	....	3	99
4.....	43	....	....	1	....	....	....	44
5.....	24	....	3	....	1	....	....	28
6.....	52	....	....	1	....	....	....	54
7.....	33	....	....	2	1	2	....	38
8.....	31	2	....	2	1	....	....	36
9.....	23	1	....	....	....	....	....	24
10.....	9	....	....	....	....	....	....	9
10A.....	9	....	....	....	....	....	....	9
11.....	25	....	....	....	....	....	....	25
12.....	12	....	....	1	....	....	....	13
13.....	29	....	....	....	....	3	....	32
14.....	12	....	....	1	....	....	....	13
15.....	21	....	....	....	....	....	1	22
16.....	16	....	....	....	....	....	....	16
17.....	20	....	....	....	....	....	....	20
18.....	46	....	3	1	....	....	....	50
19.....	38	1	....	1	1	....	1	42
20.....	31	....	....	....	....	....	....	31
21.....	9	....	....	4	....	....	....	13
22.....	14	....	....	....	....	....	....	14
23.....	5	....	....	....	....	1	....	6
24.....	12	....	....	....	....	....	....	12
25.....	13	....	1	....	....	....	1	15
27.....	7	....	....	....	....	....	....	7
28.....	21	....	....	....	....	....	1	22
29.....	8	....	....	....	....	....	....	8
31.....	13	....	....	....	....	....	....	13
32.....	17	....	....	....	....	....	1	18
33.....	25	....	....	....	....	....	....	25
34.....	25	....	1	....	....	....	....	26
35.....	9	....	1	....	....	....	....	10
36.....	7	1	....	....	....	1	....	9
37.....	6	....	....	....	....	....	....	6
39.....	22	1	....	....	....	....	1	24
40.....	16	....	....	....	....	....	1	17
Undetermined.....	66	....	....	....	....	....	....	66
Multiple.....	86	2	....	....	1	....	1	90
Negative.....	1133	60	2	6	52	....	11	1264
Total.....	2184	73	17	27	65	7	24	2397

312 cultural examinations for fungus organisms were conducted. Table XI indicates the type of fungus isolated, and the source from which the isolation was made.

TABLE XI
FUNGUS CULTURES—1942

	Sputum	Hand	Leg	Foot	Skin	Nails	Hair	Misc.	Total
Negative.....	92	17	6	13	34	10	21	15	208
Monilia.....	69	6	....	4	3	1	....	5	88
M. Lanosum.....	....	1	....	1	....	....	2	....	4
E. floccum.....	....	....	....	....	1	....	....	....	1
T. Purpureum.....	....	....	....	4	....	....	....	....	4
T. gypseum.....	....	2	....	1	2	....	1	....	5
T. violaceum.....	....	....	....	....	1	....	1	....	2
									312

The examination of Table XI (a) indicates that the isolation of actinomycosis was made from 7 of 28 specimens received from human individuals. This infection occurs more frequently amongst humans than was once thought.

TABLE XI = (a)
CULTURAL EXAMINATIONS FOR ACTINOMYCES, 1942

	Positive	Negative
Swab.....	1	8
Pus.....	1	11
Face.....	1	2
Sputum.....	1	2
Meat.....	2	....
Tongue.....	1	1
Miscellaneous.....	....	4
	7	28

Streptococcal Group Differentiation:

Table XII indicates the specimens submitted to our laboratory which yielded the presence of haemolytic streptococci and which were submitted to group differentiation.

TABLE XII
STREPTOCOCCUS HAEMOLYTICUS, 1942

SOURCE	GROUP									Streptococcus viridens	Group Undetermined
	A	B	C	D	E	F	G	H	K		
Throat.....	50	7	7	....	....	3	4	1	....	7	....
Lymph gland.....	2	....	....	....	....	....	....	....	....	....	....
Abcess.....	8	....	....	....	....	....	....	....	....	....	....
Urine.....	....	1	....	....	....	....	....	....	....	....	....
Vagina.....	4	6	....	....	....	....	....	....	....	....	....
Cervix.....	1	4	....	....	....	....	1	....	....	....	....
Urethra.....	....	1	....	....	....	....	....	....	....	....	....
Skin scales.....	1	....	....	....	....	....	....	....	....	....	....
Antrum.....	1	....	....	....	....	....	....	....	....	....	....
Mastoid.....	1	....	....	....	....	....	....	....	....	....	....
Nose.....	6	....	....	....	....	....	....	....	....	....	....
Lochia.....	2	1	....	....	....	....	....	....	....	2	....
Pleural fluid.....	1	....	....	....	....	....	....	....	....	....	....
Peritoneal fluid.....	....	....	....	....	....	....	....	....	....	....	1
Ethmoid sinus.....	1	....	....	....	....	....	....	....	....	....	....
Humerus.....	1	....	....	....	....	....	....	....	....	....	....
Leg wound.....	....	....	....	....	1	....	....	....	....	....	....
Cow's milk.....	....	....	....	....	....	1	....	....	....	....	....
Spinal fluid.....	1	....	....	....	....	....	....	....	....	....	....
Hypochondriac region.....	1	....	....	....	....	....	....	....	....	....	....
Fallopian tubes.....	1	....	....	....	....	....	....	....	....	....	....
Source not stated.....	9	2	1	....	....	....	....	....	....	....	....
Total.....142—	91	22	8	0	1	4	5	1	0	9	1

Spinal Fluids: Bacteriological

829 specimens of spinal fluid were received at the Central Laboratory for bacteriological examination. Table XIII outlines the number of specimens in which meningococcus, tubercle bacilli, pneumococcus and streptococcus were isolated.

TABLE XIII

BACTERIOLOGICAL SPINAL FLUIDS FOR THE YEAR 1942

	Result	No. Exam.
Total Number of Cell Counts:		
Cell Counts not increased.....	.....	647
Cell Counts increased.....	.....	182
Cell Counts increased and no growth on cultures.....	77	.....
Cell Counts increased and positive cultures.....	105	.....
MENINGOCOCCUS.....	.....	65
Culture Positive smear Positive Type I.....	39	.....
Culture Positive smear Positive Type II.....	2	.....
Culture Positive smear Negative Type I.....	4	.....
Culture Negative smear Positive.....	20	.....
M. TUBERCULOSIS.....	.....	17
Direct smear Positive.....	8	.....
Culture Positive.....	8	.....
Guinea Pig Positive.....	1	.....
PNEUMOCOCCUS.....	.....	23
Pneumococci found by direct typing & culture Type I.....	1	.....
“ “ “ “ “ “ “ “ II.....	1	.....
“ “ “ “ “ “ “ “ III.....	5	.....
“ “ “ “ “ “ “ “ IV.....	1	.....
“ “ “ “ “ “ “ “ VI.....	1	.....
“ “ “ “ “ “ “ “ VII.....	2	.....
“ “ “ “ “ “ “ “ VIII.....	2	.....
“ “ “ “ “ “ “ “ XII.....	2	.....
“ “ “ “ “ “ “ “ XIV.....	1	.....
“ “ “ “ “ “ “ “ XVIII.....	2	.....
“ “ “ “ “ “ “ “ XIX.....	1	.....
“ “ “ “ “ “ “ “ XXI.....	3	.....
Streptococcus Group A (Lancefield).....	1	.....

During the year a marked improvement in the cultural medium for the primary isolation of meningococcus was made. This medium is a semi-solid ascitic fluid agar to which Vitamin B concentrate and 0.5 per cent. ascorbic acid are added.

Table XIV indicates specimens received for meningococci. It will be noted that meningococcus was isolated from spinal fluid submitted from municipalities as outlined in Table XIV. These results indicate that meningococcus does not die as readily after removal from the body as was previously thought, but when a suitable medium is used, and the primary culture placed under CO₂ tension, satisfactory results are obtained.

TABLE XIV

BACTERIOLOGICAL SPINAL FLUIDS—COMMUNITIES FROM WHICH SPECIMENS WERE SUBMITTED, CONTAINING MENINGOCOCCI

COMMUNITY	Culture Positive	Smear Positive	Culture Negative	Smear Negative
Toronto.....	23	36	14	1
Bracebridge.....	...	1	1	...
Sudbury.....	1	2	1	...
Owen Sound.....	3	3	...	...
Hornepayne.....	3	1	...	2
Oshawa.....	1	2	1	...
Petawawa.....	1	1	...	...
Stratford.....	1	2	1	...
Guelph.....	2	3	1	...
Fort Erie.....	1	1	...	...
Barrie.....	1	1	...	...
Garson.....	1	...	...	1
Cornwall.....	2	2	...	...
Harriston.....	1	1	...	...
Waterford.....	1	1	...	...
Wheatley.....	...	1	1	...

Colon Typhoid:

Faecal Examination: Table XV outlines the number of faeces specimens submitted for colon typhoid examination, the number which were found to contain a pathogen and the number which yielded negative results.

TABLE XV

FAECES CULTURES

POSITIVES:	
S. Typhi.....	79
S. paratyphi B.....	107
S. typhimurium.....	6
S. Morgani.....	60
Sh. paradysenteriae W.....	2
Sh. paradysenteriae X.....	2
Sh. paradysenteriae Z.....	16
Sh. paradysenteriae Sonne.....	10
Sh. paradysenteriae Newport.....	6
Eberthella Coli Anaerogenes.....	2
Total No. Positives.....	290
Total No. Negatives.....	4,978
No. Examined.....	5,268

Typing *S. typhi*: Table XVI indicates the number of *S. typhi* strains subjected to the typing procedure and the number of each type identified.

TABLE XVI
STRAINS OF *S. TYPHI* ISOLATED AND TYPED, 1942

TYPE	No.
Type A.....	6
Type C.....	24
Type E.....	33
Type F.....	4
Type G.....	0
Type J.....	1
Type L.....	0
Type M.....	0
Group Beta.....	0
Group Gamma.....	1
No. not typed.....	67
W. Form.....	7
No. Tested.....	143

Blood culture and agglutination tests: During the year 1942 in this section, 2,453 specimens of whole blood were submitted for routine agglutination tests for typhoid, paratyphoid, brucella abortus and *P. tularensis*. A positive agglutination test result was obtained in 109 instances for brucella abortus; 58 instances for paratyphi B; and 277 instances for *S. typhi*.

Gonorrhoea:

During the year 39,818 smears were examined for the presence of gonococci. 5,306 cultural examinations for the presence of this organism were conducted. Cultural examination where the interval elapsing between the collection of specimens and the preparation of primary culture exceeded eight hours has not yielded as satisfactory results as could be desired. Our efforts, therefore, have been to improve the cultural methods. Defibrinated horse blood medium to which is added 1:3000 gentian violet has been prepared according to the method proposed by Cox, but in our experience this medium, while restraining the growth of extraneous organisms, is toxic for gonococci when the organisms are left in the medium longer than twenty-four hours. Investigational work is being continued. New outfits containing different varieties of medium have been distributed to certain clinical centres. The preliminary results obtained from the use of this outfit show marked improvement over that previously distributed. The medium now used contains ascitic fluid, semi-solid agar, to which is added ascorbic acid, thiamin hydrochloride and syctine hydrochloride.

Nursery Epidemics:

During the year Dr. McClure examined 255 specimens from nurseries where epidemics of acute infectious intoxications occurred. No known pathogens were isolated. Haemolytic and nonhaemolytic colon organisms were more common in affected infants than in normal infants in the same nursery. A considerable amount of work has been done on the various strains of colon organisms isolated. A paper "The Rôle of Colon Organisms in Epidemic Diarrhoea of the Newborn Babe" is being published in the American Journal of Paediatrics. A paper "The Epidemiology and Bacteriology of Acute Infectious Intoxication" was presented at the Christmas meeting of the laboratory section of the Canadian Public Health Association.

TABLE XVII

Infants		Nurses	Miscellaneous Specimens	Feedings	Total
Anal swabs	Faeces	Faeces			
98	75	25	48	9	255

Syphilis:

During the year the Division of Laboratories conducted 596,524 serological examinations. Table XVIII outlines the number of examinations performed at the Central and each of the other Divisional Laboratories.

TABLE XVIII

SEROLOGY TESTS PERFORMED BY DIVISION OF LABORATORIES, 1942

	Volume	Army	Air Force	Navy	Red Cross	Industrial
Central Lab.....	374,356	33,593	39,963	.....	123,329	22,807
London.....	66,442	5,249	11,327	536	412	4,788
Ottawa.....	52,111	9,493	9,038	112	.....	.....
Fort William.....	25,380	1,312	682	117	1,601	.....
Richardson.....	48	48	.....	.....	.....	.....
North Bay.....	28,658	306	415	.....	.....	.....
Peterboro.....	1,935	29	20	.....	48	.....
Sault Ste. Marie.....	6	.....	.....	.....	.....	.....
Ensol.....	46,005	15,427	8,784	253	.....	.....
Belleville.....	922	.....	5	.....	.....	.....
St. Catharines.....	661	39	18	.....	.....	.....
Total for Division of Laboratories	596,524	65,496	70,252	1,018	125,390	27,595
Total for Branches.....	222,168	31,903	30,289	1,018	2,061	4,788

It can be seen from the above table that, of the 596,524 examinations conducted, 27,595 were conducted on specimens received from industrial projects; 65,496 were conducted for the Canadian Army; and 70,352 for the Royal Canadian Air Force.

During the year there was evidence that in certain instances laboratories were reporting false positive results when the result of the Standard Kahn test was the only result recorded. In some of these instances, the specimen was withdrawn from the patients during a febrile state, other samples were submitted from individuals two, three and four weeks following a small-pox vaccination. The results of investigational work conducted at the Central Laboratory indicate the necessity of subjecting all specimens received from untreated cases of syphilis to both the Kahn and Wassermann test methods. With the aid of Verification test methods we demonstrated that false positive reactions of a temporary nature are encountered. The Wassermann test is less affected than is the Kahn test. Since June last, our Divisional Laboratories routine has adhered to the recommendation of a Committee, appointed under the auspices of the Medical Research Council, that all specimens submitted are subjected to a delicate screen test, namely the Presumptive Kahn. Should the result of this

preliminary test be positive, a Quantitative Kahn test and Kolmer Wassermann test, are conducted. The result is reported positive in the case of the Wassermann test, when complete fixation is evident. Tests showing weak reactions of varying intensity are reported as doubtful; in such instances, further specimens are requested.

Our recommendation is that in the case of positive findings being obtained from samples received from untreated cases, in the absence of clinical signs and history, repeat samples should always be forwarded to the laboratories before a definite diagnosis of syphilis is made.

A paper reporting the results of our investigational studies will be published shortly.

Psittacosis:

Psittacosis infection was not identified in human beings during the year 1942. The application of the Regulations for the Prevention and Mitigation of Psittacosis was responsible for the eradication of this infection. During the year 1942, 160 aviaries were inspected; of these, 131 were breeders and 29 others, non-breeders. All aviaries located in different municipalities were inspected by an officer from the Department. Bird samples were secured from aviaries, where ten or more birds were maintained. 224 birds were secured from 93 aviaries for laboratory examination. One bird from one small aviary of 8 birds, was found to contain Psittacosis virus. The birds from this aviary were removed and destroyed.

A registration office records that 6,000 leg bands were distributed for budgerigars. 2,300 sales and exchanges of birds were reported to the registration office. This latter statement indicates that breeders have co-operated with the health officers and the Department of Health. The following table (Table XIX) indicates the municipalities in which these aviaries are located. In addition to the bird samples collected from the aviaries, 53 additional birds were brought to the laboratory for examination by sanitary officers or by the owners.

TABLE XIX
PSITTACOSIS—AVIARIES

MUNICIPALITY	No. Aviaries not breeding	Aviaries Breeding	No. Aviaries sample secured
Brantford.....	1	6	4
Scarboro.....	0	3	2
Swansea.....	0	3	2
Elmira.....	0	1	0
Elora.....	0	1	1
East York.....	1	5	3
Hamilton.....	1	6	6
Kitchener.....	1	0	0
Long Branch.....	0	1	1
New Toronto.....	0	2	2
North York.....	1	5	3
Toronto.....	16	71	47
Weston.....	0	1	1
York Township.....	8	26	22
Total.....	29	131	93

During the year 12 specimens of sputum and 156 samples of blood from human beings were received at our laboratory, the laboratory results of which were all negative.

Rabies:

One case of Canine Rabies was diagnosed by our Central Laboratory during the year. In the examination of rabies specimens white Swiss mice are inoculated intracerebrally, as well as rabbits, intramuscularly. By the use of the Swiss mouse, the laboratory is not infrequently able to make a diagnosis much earlier than when the rabbit is used as the experimental animal.

* * * * *

A brief report of the chemical and pathological sections, prepared by Mr. A. R. Bonham and Dr. S. A. Creighton, respectively, will follow.

In closing I wish to thank the Honourable the Minister and the Deputy Minister for their kindly consideration during the past year. I also wish to express my deepest gratitude to each and every one of the Branch Directors and Central Laboratory staff. I would like to especially mention Dr. Slack of the Institute of Public Health, London, and Dr. James Miller of the Richardson Laboratory, Kingston.

CHEMISTRY

A. R. BONHAM, B.A.Sc., F.C.I.C., *Chief Provincial Analyst.*

Details of the various analyses carried out in the chemical section of the Central Laboratory will be found in Table III of the Report.

Of the 5,305 chemical miscellaneous specimens listed in this table, the majority of them refer to chemical tests on blood, e.g., Sulphonamide drugs, Van den Bergh, Urea, Uric Acid, Calcium, Cholesterol, Sodium and Potassium. The miscellaneous group also includes tests on spinal fluid, gastric contents, as well as some foods. Arsenic determinations were made on a number of specimens and of these, one is worthy of special mention. This refers to the finding of arsenic in a well water which caused severe arsenical poisoning to two people. This water came from a well which three years previously had been lined with second-hand bricks secured from a demolished factory which at one time handled arsenical products. That such bricks could render a drinking supply highly dangerous to health indicates the necessity of controlling the use of bricks, and other material which have been exposed to arsenic.

In addition to the regular analysis this section prepares for distribution: ampoules of bismuth, oxychloride, and mercury salicylate suspension; one per cent. solution of silver nitrate; ampoules of sterile distilled water; and normal solution of sodium hydroxide. The amount of these prepared during the year is given in Table XX.

TABLE XX

CHEMICAL SECTION OF THE CENTRAL LABORATORY, ANNUAL REPORT, 1942

Bismuth Oxychloride.....	304,656	grains.
Mercury Salicylate	9,900	grains.
Silver Nitrate	2,002	½-oz. dropper bottles
Sterile Distilled Water.....	38,894	amps. each 20c.c.
Normal Sodium Hydroxide.....	349.7	ounces.
Colloidal Gold	190.5	litres.

PATHOLOGY

S. A. CREIGHTON, M.D., *Acting Provincial Pathologist.*

I have the honour to submit a report of the work done during the year 1942 in the Department of Pathology at the Central Laboratory.

The total volume of examinations performed number 8,473 as compared to 12,145 for the year 1941. Specimens examined for the Department of National Defence number 504.

In May of 1942, Dr. S. F. Penny was granted leave of absence to take a Commission in the R.C.A.M.C.

The policy of compulsory submission of appendices for examination was discontinued during the year, resulting in an appreciable decrease in the number of these tissues received. The technical procedures of making paraffin and frozen sections have been continued. The revised charge of \$2.00 for tissue examination has been maintained.

At the request of the R.C.A.F. the facilities of the Department for preparation of sections have been readily made available for research work on "Crash" victims.

I wish to thank our consultant, Dr. W. L. Robinson, and Dr. E. A. Linnell and Dr. W. Magner for their valuable assistance in diagnosis during the past year.

TABLE XXI
PATHOLOGICAL TISSUE SECTION

The work of the Section in 1942 is outlined in the tables below:

Paraffin tissue sections.....	7,514
Frozen tissue sections.....	733
Blood Smears.....	226
Total.....	8,473

AUTOPSIES

Ontario Hospitals.....	11
Division of Industrial Hygiene.....	8
From Physicians and Hospitals.....	64
Total.....	83

ANIMAL TISSUES

Veterinary.....	4
Ensol.....	77
Total.....	81

ANALYSIS OF PATHOLOGICAL SPECIMENS, 1930-1942

YEAR	Number of Surgicals	Number of Autopsies	Total Specimens	Total Malignant	% Malignant of Total Specimens
1930	599	9	609	132	21.1
1931	2,625	46	2,671	422	15.8
1932	3,083	50	3,113	440	14.1
1933	3,652	23	3,675	392	10.7
1934	4,683	33	4,716	563	11.9
1935	5,553	44	5,597	579	10.3
1936	5,919	48	5,967	595	9.8
1937	6,917	87	7,004	589	8.4
1938	8,512	146	8,658	768	8.8
1939	8,554	125	8,679	637	7.3
1940	10,738	122	10,860	756	6.9
1941	11,970	119	12,145	661	5.4
1942	8,247	83	8,473	802	9.5

EXAMINATIONS PERFORMED BY DIVISION OF LABORATORIES, 1942

	BACTERIOLOGY			PATHOLOGY			CHEMISTRY		
	Volume	Army	Air Force	Volume	Army	Air Force	Volume	Army	Air Force
	Toronto	139,684	9,851	3,719	8,473	400	104	27,562	6,002	569
London	117,348	6,323	15,883	1,667	14	161	4,463	1,108	184
Ottawa	98,133	12,150	10,175	.....	.....	.....	861	15	56
Fort William	50,481	1,669	786	.....	.....	.....	733	33	19
Richardson	5,676	785	225	2,733	75	6	791	325	2
North Bay	49,443	1,384	424	17	.....	.....	1,038	6	18
Peterboro	9,308	246	20	1,085	.....	.....	465	.....	.....
Sault Ste. Marie	15,868	324	4	68	1	.....	3,212	1,096	11
Ensol	53,718	17,502	9,229	4,783	.....	8	854	.....	26
Belleville	5,305	.....	669	1,628	.....	.....	633	.....	44
St. Catharines	3,243	40	21	.....	.....	.....	460	.....	.....
Total	548,207	50,274	41,155	20,454	490	279	41,072	7,585	929

FORT WILLIAM BRANCH LABORATORY

A. E. ALLIN, B.A., M.D., D.P.H., *Director.*

I have the honour to submit herewith the Annual Report of the Branch Laboratory, Fort William, for the year 1942.

Routine examinations numbered 52,806, an increase of 1,452 tests or 2.8 per cent. over 1941. It is interesting to compare this figure with the 12,531 examinations made in 1932, an increase of 321 per cent. in 10 years. 24,986 outfits, 4,033 biologicals, and 2,126 bottles of insulin were distributed.

During the past year one change in staff was made: Mr. W. Hayne joined the Royal Canadian Navy as Sick Bay Attendant. His place has been ably taken by Mrs. A. Ehn.

As in previous years the majority of the work has been routine. Only one epidemic occurred, an outbreak of Sonne Dysentery. Three swabs positive for *C. diphtheriae* were received. Compared with 1941, there was a decrease of 26 per cent. in the number of new cases of both syphilis and gonorrhoea, as determined by laboratory examinations.

The three local hospitals now make it a routine procedure to take throat swabs monthly on all nurses engaged on certain services. One hospital also takes a throat swab on all patients admitted to the obstetrical wards. 1,452 such swabs were examined; 49, or 3.4 per cent. showed haemolytic streptococci. These and haemolytic streptococci isolated from other sources, were grouped according to the method of Lancefield. The strains were then forwarded for typing to Dr. Frieda Fraser, Connaught Laboratories, who for the past two years has been making a study of the distribution of haemolytic streptococci in this area.

A total of 5,860 examinations were made for the Armed Forces and the Canadian Red Cross. This is 11.1 per cent. of all examinations made during the year. 1,702 of these tests were made for the Army, 805 for the Air Force, 160 for the Navy, and 3,193 for the Red Cross. In addition, the laboratory has undertaken to sterilize the equipment required by the Fort William and the Port Arthur Red Cross Blood Donors Clinics, as well as carry out all laboratory procedures pertaining to these clinics. Each clinic now collects 100 donations a week. It is hoped this figure will be doubled in the early future.

I wish to express my thanks to Dr. A. L. MacNabb for his co-operation during the past year.

RICHARDSON LABORATORY, QUEEN'S UNIVERSITY, KINGSTON

PROFESSOR JAMES MILLER, M.D., F.R.C.S., (*Edin.*), F.R.C.P.E., *Director.*

I beg to submit the following statistics of the work done in the Richardson Laboratory, Queen's University, Kingston. Included in the figures are the water examinations carried out as in previous years by Dr. Wyllie for the Kingston Municipality, the Kingston and Collins Bay Penitentiaries.

There has been the usual variation in the figures under the various headings during the year as compared with former years. The examinations for the Arm-

ed Forces have gone up considerably; and the number of tissue examinations have decreased, owing to the removal of appendices from the compulsory list in April last. There is, however, little difference in the final figures as compared with those of 1941.

I should like to emphasize that collaboration with the Kingston Branch Laboratory under Dr. E. P. Johns and Dr. John Orr, as well as with the Department of Preventive Medicine under Dr. Wyllie, has been harmonious and entirely satisfactory.

May I bear witness to the loyal service of all the members of the laboratory staff. I wish to refer particularly to Mr. F. C. Gray, who for a period of 24 years served the laboratory faithfully and who died very suddenly in October last.

Finally, I would wish, as in former years, to express my gratitude to you, Sir, as the Honourable the Minister of Health, and to Dr. MacNabb, for your kindness and ready co-operation.

INSTITUTE OF PUBLIC HEALTH, LONDON

A. J. SLACK, PH.C., M.D., D.P.H., *Director*.

I have the honour to submit herewith the annual report of the laboratory examinations made during the year 1942 by the Branch Laboratory of the Department, located in the Institute of Public Health, London.

Laboratory examinations made during the year numbered 123,478 as compared with 121,002 examinations for the previous year. This represents an increase of 2,476 examinations or 2.0 per cent. over the total for 1941. During the year 23,261 laboratory examinations were made for the Army, Navy and Air-Force. In addition to this there were 5,037 examinations for war industries and 412 examinations for the Red Cross.

The elimination of certain serological tests as routine examinations for syphilis was possibly the most important change in the laboratory routine during the year. This has resulted in a marked decrease in the number of serological tests which otherwise would have been made, with no apparent decrease in the value of the result. There is nothing especially remarkable amongst the other types of laboratory examinations, the decreases in some items being offset by increases in others. During the year 71,787 outfits were reclaimed and prepared for redistribution and 71,949 outfits were distributed as compared with 55,598 outfits reclaimed and 59,968 outfits distributed during 1941.

Biologicals distributed from this centre, exclusive of insulin, numbered 20,957 packages as compared with 25,038 packages distributed during 1941. Free insulin distributed amounted to 5,437 packages or 2,057,200 units of ordinary insulin and 3,187 packages or 1,401,400 units of Protamine Zinc insulin.

When one considers that this work has been accomplished with a smaller staff than that of last year the results of the year's work must be considered as very satisfactory.

My appreciation is again extended to all the members of the Institute staff and to Dr. MacNabb and his staff for their hearty co-operation.

NORTH BAY BRANCH LABORATORY

W. J. A. PERCY, M.A., *Director.*

I have the honour of submitting a report for the examinations made at the Branch Laboratory in North Bay during the year 1942.

During the past year the laboratory examinations numbered 50,498. This is a decrease from the total for 1941. This diminution in the number of tests is due almost entirely to the changed routine for the examination of bloods for syphilis. Approximately 10,000 bloods were reported negative on the results of a screen test only. During former years two tests were performed on all such specimens.

The usual variation in the number of examinations done in the different departments has occurred. While a considerable decrease is noted in the number of pneumococcus typings and cultural examinations for tuberculosis, the number of water samples, milk samples and bloods for syphilis continue to increase.

In February Mr. A. B. Lamb joined the staff of this laboratory to fill the position left vacant when Mr. Sullivan resigned in December, 1940. Unfortunately because of certain emergencies, Mr. Lamb's services have been required at several of the other laboratories for various periods of time. The staff of this laboratory is to be commended for the manner in which they assumed added duties and for the faithful and efficient performance of their work.

I wish to express my gratitude to Dr. MacNabb for the valuable support and assistance he has so willingly given and to members of the staff at the Central Laboratory for their hearty co-operation.

OTTAWA BRANCH LABORATORY

F. L. LETTS, M.B., D.P.H., *Director.*

I have the honour to submit herewith a summary of the work performed by this Branch Laboratory during the year 1942.

There were 98,994 specimens examined. 22.7 per cent. of the specimens received at the Ottawa Branch Laboratory were from the Armed Forces.

Last July, Mr. John Beilby, B.S.A., of our staff, enlisted with the Royal Canadian Ordinance Corps.

PETERBOROUGH BRANCH LABORATORY

C. B. WAITE, M.D., *Director.*

I have the honour to submit my Annual Report for the year 1942, as follows:

There were no epidemics during the year, so that our work was entirely of a routine nature.

The Kahn test was instituted as a routine procedure. The volume of work in this section has markedly increased.

I wish to thank you as Director of the Laboratory, and the members of the Central Laboratory staff for assistance in training the new technician, and also, getting our Kahn tests under way.

All of which is respectfully submitted.

SAULT STE. MARIE BRANCH LABORATORY

N. F. W. GRAHAM, B.A., M.B., *Director.*

Enclosed you will find Yearly Report for this Laboratory for the year ending December 31st, 1942.

The year 1942 has shown an increase of 3,464 specimens examined over the preceding year. 1,809 specimens were examined for the Navy, Army, Air Force and Red Cross during the year.

SEVENTY-FIFTH ANNUAL REPORT

OF THE

HOSPITALS DIVISION
DEPARTMENT OF HEALTH

UPON THE

Ontario Hospitals for the
Mentally Ill, Mentally Defective,
Epileptic and Habitué Patients

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR ENDING MARCH 31st, 1942

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



TORONTO

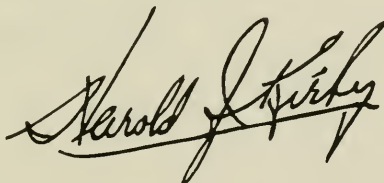
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1943

TO THE HONOURABLE ALBERT MATTHEWS
Lieutenant Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Seventy-fifth Annual Report of the Hospitals Division, Department of Health, upon the Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients of the Province of Ontario, for the year ending March 31st, 1942.

Respectfully submitted

A handwritten signature in black ink, reading "Harold J. Kirby". The signature is written in a cursive style with a prominent horizontal line underlining the name.

Minister.

TO THE HONOURABLE HAROLD J. KIRBY, K.C.,
Minister, Department of Health,
Parliament Buildings,
Toronto, Ontario

Dear Sir,—

I have the honour to submit for your approval the Seventy-Fifth Annual Report of the Hospitals Division, Department of Health, covering the Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habitué Patients, for the year ending March 31st, 1942.

Respectfully submitted,

B. T. McGHIE, M.D.
Deputy Minister

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ONTARIO HOSPITAL, BROCKVILLE

DR. C. S. TENNANT, Superintendent.

CARE AND TREATMENT OF PATIENTS:

A comparison of our statistical report for the fiscal year just ended with that of the year previous reveals that the increase in the number of patients in residence during the year was only 9 in the year just past, as compared with an increase of 32 in the previous year. This difference is no doubt accounted for largely by the fact that the total number of patients admitted was 23 less than in the previous year. We have continued to treat selected cases with Metrazol with quite favourable results in a good percentage of cases.

STAFF, ADMINISTRATION AND BUILDINGS:

The changes in staff have been more frequent than in years previous and unfortunately, such frequent changes make a certain disruption of our hospital service unavoidable.

Dr. Paul V. Kingston joined our staff from the Ontario Hospital, New Toronto, on April 1, 1941, but resigned December 31, 1942.

Dr. Florence L. Nichols returned to our staff on June 1, 1941, following one year spent at the Psychiatric Hospital, Toronto.

Dr. Mary L. McLeay was appointed to our staff on July 5, 1941. She had previous experience at Verdun Protestant Hospital, and at the New York State Hospital at Utica.

Dr. D. G. McKerracher, Director of our Mental Health Clinic, was granted leave of absence in September 1941 for the duration of the war on obtaining a Commission in the R.C.A.M.C. He was succeeded by Dr. Roger M. Billings, who was transferred from the Ontario Hospital, Hamilton.

Dr. Elizabeth C. Coope, on our staff from August 1940, returned to England in January, 1942 to resume her practice at Blackpool.

Dr. G. W. Zealand was transferred to our staff from the Ontario Hospital, Toronto, on February 1, 1942.

Dr. Isabella R. Ralph was appointed to the staff on March 1, 1942.

Members of the Medical Staff and others have given numerous addresses to local organizations and service clubs and the Director of the Mental Health Clinic has continued to lecture to student nurses in Brockville and Ottawa.

The basic course as provided in the Civilian Defence program of training was given to all members of the staff and the course in First-Aid was given to a large group of employees who expressed a willingness to attend the course in off duty hours.

An extensive program of repairs to the interior walls of wards and cottages was carried out, followed by redecorating.

ONTARIO HOSPITAL, COBOURG

DR. G. C. KIDD, Superintendent

CARE AND TREATMENT OF PATIENTS:

During the year 63 patients were admitted, 68 were transferred from other Ontario Hospitals; 147 placed on probation, of these 99 were returned, 5 died and 53 were discharged, 13 were placed in Lorimer Lodge and Oxley House, and 6 of these were returned, 9 eloped during the year, and 6 were brought back to Hospital.

Religious services were conducted by the Protestant and Roman Catholic

Clergy at the Hospital every Sunday during the year. Some of the Clergy also conducted services here during the week, and a number of our girls attended divine services in the churches in Cobourg. Our girls enjoyed alley bowling, badminton, dances and other games in our auditorium. We organized our softball team again and had several games with a girls' team in Cobourg.

More books were added to our library and newspapers and magazines were sent to the wards. One of our patients who took a Librarian Course, assists with the work in the Library.

A group of our girls have become adept in making paper flowers, which are used to decorate the dining room tables on the wards.

STAFF, ADMINISTRATION AND BUILDINGS:

Miss M. Gardner, our dietitian, resigned to accept another position.

Miss Hilda Toner, one of our Nurses who was taking a Post Graduate Course at the Psychiatric Hospital, Toronto, was called to report as a Nursing Sister in the R.C.A.M.C.

The Annual Meeting of District No. 6, R.N.A.O., was held at this Hospital in March.

A root house was built on the side of the old horse-shoe pitch, and alterations were made to the old root house. This work was done by our staff, assisted by a temporary carpenter and men patients and Attendants from another Hospital.

ONTARIO HOSPITAL, FORT WILLIAM

DR. J. N. SENN, Superintendent

CARE AND TREATMENT OF PATIENTS:

During the year an insulin and metrazol clinic was conducted at the hospital with results, I believe, satisfactory although at times rather disappointing. However, the results that we did obtain were sufficient to justify the expenditure of money and effort.

The consultation work in the district is quite heavy and we are asked to see practically every patient coming from the head of the Lakes prior to their admission to hospital. We are at times also able to assist in the care of female patients before they are able to be admitted to the hospitals in the east.

STAFF, ADMINISTRATION AND BUILDINGS:

Dr. George D. Scott, was transferred from this hospital on July 19th, 1941, to the Ontario Psychiatric Hospital for post graduate instruction. Dr. G.C. Ferrier, who had previously been on the staff of this hospital and who had taken post graduate instruction at the Toronto Psychiatric, returned to us on July 3rd, 1941.

I am pleased to be able to report that our steward, H.U. Western, who has been on active service for over two years has been promoted to the rank of major and is at present the district representative of the chief officer of Military District No. 10.

During the year, courses of instruction to the under-graduate nurses at the three local general hospitals have been conducted and addresses have been given to St. John's Ambulance Brigades in both Fort William and Port Arthur. There seems to be an increasing demand for work of this nature which we are trying to anticipate and fill.

During the year it has been our privilege to assist the Division of Preventable Diseases by caring for their work in the unorganized districts surrounding the head of the Lakes. This work is rather time consuming as much of it has to be carried out at considerable distance from the hospital, occasionally under rather difficult transportation conditions.

Our program of beef production has continued during the past year and we were able to ship one carload of carcasses east, in addition to supplying all our own demands in beef, veal, mutton and pork.

During these somewhat trying times we have not felt justified in entering into any new program of hospital construction. We have completed during the year the remodelling and refurnishing of a room in the staff quarters to provide a recreation room. This is serving its function very well and is appreciated by the staff.

ONTARIO HOSPITAL, HAMILTON

DR. J. S. STEWART, Superintendent

CARE AND TREATMENT OF PATIENTS:

There have been no new developments in the care and treatment of patients. The hospital continues to be overcrowded and each week, the problem of finding accommodation for new admissions, is becoming greater. I have made a survey of the last one hundred new admissions presented in conference and of that number, twenty-two are seniles or arteriosclerotics.

STAFF, ADMINISTRATION AND BUILDINGS:

The appointment of Dr. H.S. Sager to the medical staff, on February 16 1942, has relieved the shortage of the medical staff, to a certain extent. Apart from this appointment, there have been no other changes.

The overcrowding in the Nurses' Home has been relieved by the opening of the house, which was formerly used as the Superintendent's residence, as an annex for the Nurses' Home. Sixteen nurses are housed here much more comfortably than the nurses in the original Nurses' Home, without making any structural changes.

In conclusion, I would like to express my appreciation to the staff, in general, for their loyalty in the interests of the institution, during the past year.

ONTARIO HOSPITAL, KINGSTON

DR. C. M. CRAWFORD, Acting Superintendent

CARE AND TREATMENT OF PATIENTS:

The number of admissions during this fiscal year was less by 37 than the number in the preceding year. Likewise, the discharges, including transfers to other hospitals, were 54 less than in the preceding year. The deaths during this year were 13 less than in the preceding year. There were 14 less patients boarding out in approved homes at the end of this year than at the end of the preceding year. Twenty-five per cent of our admissions during the year were patients 60 years of age and over. The increase in the number of elderly patients admitted is quite noticeable. Many of these patients constitute a considerable problem for the nursing and medical staff.

Metrazol Therapy has been carried on throughout the year on carefully selected cases. Our experience with this treatment would indicate that it is of special benefit in affective psychoses and in Catatonic stupor. We have not attempted to treat any cases of Schizophrenia of long standing. One of the disappointments in connection with Metrazol Treatment which we have noticed is while we can bring the patient definitely out of a depression, in some cases this improvement has not been sustained following treatment, and the patient gradually relapses into his former depression.

Hydrotherapy in the form of continuous warm baths has been made very great use of during the past year.

The number of cases operated upon surgically has been considerably less than in the preceding year.

STAFF, ADMINISTRATION AND BUILDINGS:

On August 1, 1941, Dr. E. A. Clark enlisted in the R. C. A. M. C., and on August 10th, Dr. A. M. Doyle also enlisted. The following graduate nurses also enlisted in the R. C. A. M. C., Miss Teresa McDonald, Miss Hazel Genevieve. Miss Celia Dolan and Miss Margaret Merkle have also enlisted in the South African Nursing Service.

Dr. Ruby Viola Rose was transferred to the medical staff of this hospital on April 1, 1941, from the Ontario Hospital, Brockville, and resigned from the staff on April 22, 1942, to take up another line of work.

On June 19, 1941, Dr. Ralph Wolfe was appointed to the medical staff. Dr. K. F. McGregor was transferred to this hospital from Ontario Hospital, New Toronto, on September 8, 1941, as Director of the Mental Health Clinic.

On February 8, 1942, Mr. Archibald Dryland, attendant at the hospital since January 21, 1936, died suddenly from Coronary Thrombosis.

There have been no superannuations during the year.

A very considerable amount of repairs was also carried out on the roof of the Main Building which, for some time, had been showing rather bad leaks.

The Carruthers Farm on the Front Road, about one mile from the institution, was leased. The purpose of this was to insure an adequate supply of fodder for the farm stock.

I would like to take this opportunity of paying tribute to the co-operation which I have received from the members of the staff at the hospital in carrying out the administration of the institution during this very difficult year.

ONTARIO HOSPITAL, LANGSTAFF

DR. W. A. REDDICK, Acting Superintendent

CARE AND TREATMENT OF PATIENTS:

During this fiscal year 22 patients were admitted by being transferred from other Ontario Hospitals, 15 patients were transferred, 2 patients died and there were 2 discharges. Our daily average population was 349.8 patients.

Average outside work parties for the year were 229 or about 65 per cent of our population.

General health of our patients was remarkably good. Our therapy consists of supervised farm parties and general farm work.

Recreation consisted of weekly church services, picture shows, occasional concerts, baseball, ward games, hospital library, and as four new radios were installed during the year, this gave extra entertainment enjoyed by all.

STAFF, ADMINISTRATION AND BUILDINGS:

During this fiscal year, Dr. T. D. Cumberland, Superintendent of the Ontario Hospital, New Toronto acted as superintendent until December 15, 1941. Dr. A. D. Campbell was resident physician until July 1st when he left the services to take an appointment on the staff of the Royal Victoria Hospital, Montreal, in anaesthesia. Dr. W. A. Reddick was transferred from the Ontario Hospital, Orillia and became resident physician on July 1, 1941.

On December 16, 1941, the Mental Hospitals Act was changed, whereby Concord Unit became a part of the Ontario Hospital, Langstaff, and Dr. W. A. Reddick was named acting superintendent of the new set-up.

During the year five members of staff enlisted, 13 left or were transferred to other branches of the service and 21 new members were added to fill vacancies. Total staff as of March 31, 1942 were 61 members.

The farm land consists of Langstaff Farm of 800 acres, Concord Farm of 200 acres and Brampton Farm of 280 acres. (Military authorities were given the use of administrative buildings at Brampton and approximately 20 acres which was used as a detention camp.)

In conclusion, I would like to mention the loyalty and devotion to duty of every member of our staff. I would like to extend to them my thanks and appreciation for their co-operation.

ONTARIO HOSPITAL, LONDON

DR. G. H. STEVENSON, Superintendent

CARE AND TREATMENT OF PATIENTS:

In spite of difficulties created by the war, we have endeavoured to see that every patient under our care has received every diagnostic and treatment aid which might help in his restoration to health. Admissions have been increased from 391 to 419, with a corresponding increase in patients discharged from 258 to 275. The discharge rate this year, based on admissions therefore is 66 per cent as compared with 63 per cent the year previous.

During recent years there has been a gradual but steady increase in the number of elderly persons admitted, mostly from arteriosclerotic and senile conditions which create special problems which should have special consideration. Of 1555 mentally ill patients in residence, 471 are above 60 years of age. Of 281 first admissions 78 are in the same age group. The great majority of these elderly patients, because of the nature of their sickness, do not recover but tend to become frailer physically, requiring a great deal of medical and nursing care which is thus diverted from potentially curable cases.

There has been no particular change in treatment procedures during the year. We continue to use Metrazol Shock therapy with gratifying results in selected cases.

STAFF, ADMINISTRATION AND BUILDING:

I should like once again to express my great appreciation to a capable and unselfish staff who give their best efforts to the welfare of the patients under our care. At the end of the year 73 members of staff are in the King's uniform, including several nurses two of whom are with the South African Nursing Service. We are proud of this hospital staff's contribution to the war effort. A member of the attendant staff, W.E. Muir, lost his life when the transport on which he was travelling to England was torpedoed. Our sincere sympathy is extended to his widow.

Our university teaching has been further amplified by the addition to the curriculum of a course to the fifth year by Dr. Hobbs on the psychoneuroses and psychosomatic medicine. The experiment of last year whereby final year students came to the hospital for one week as clinical clerks was so successful it has been repeated this year with equal success. We also continue our affiliate and graduate courses in psychiatric nursing with satisfaction to all concerned. Student nurses come for these courses each quarter from Victoria Hospital, London; Stratford General Hospital; Grace Hospital, Windsor; the Memorial Hospital Trust, St. Thomas; St. Joseph's Hospital, London; Public General Hospital, Chatham; General and Marine Hospital, Owen Sound; St. Joseph's Hospital, Chatham.

ONTARIO HOSPITAL, NEW TORONTO

DR. T. D. CUMBERLAND, Superintendent

CARE AND TREATMENT OF PATIENTS:

Special treatment, that is Insulin and Metrazol, was carried out during the year and the results were satisfactory. The health of the patients has been very good. A large percentage of the patients in this hospital are in the older group and a number are bed-ridden. Very few senile patients were admitted during the year. Two continuous bath tubs were installed on the male admission ward, which enables us to give hydrotherapeutic

treatment to a number of acute cases admitted to hospital. Excellent results were obtained by giving the patients biscuits to eat at bedtime, which has resulted in the elimination of sedatives for restlessness and insomnia.

STAFF, ADMINISTRATION AND BUILDING:

There were many changes in staff during the recent year. A number enlisted in His Majesty's Forces and others resigned to take other work. There was great difficulty in securing sufficient staff for the wards because so many are required in war industries.

Just the ordinary routine repairs were attended to during the year. There were no extensive alterations and no new building.

ONTARIO HOSPITAL, ORILLIA

DR. S. J. W. HORNE, Superintendent

CARE AND TREATMENT OF PATIENTS:

The ever increasing demands for admissions necessitated the almost continuous re-arrangement of Hospital accommodation to provide for the increased admissions. During the fiscal year 1941, the patient population in residence increased from 1963 to 1983 per day. For the fiscal year 1942, the daily average population in residence was 2028. In actual figures, this does not appear to be a tremendous increase, yet it has meant that every day room has been put to use as a dormitory and beds have been placed in corridors. This re-arrangement caused considerable confusion, particularly during the months in which the children could not get out of doors because of weather conditions.

During the year, we commenced the boarding-out plan for defectives and during the year, 106 were placed in boarding homes. It is too early to make any definite statement as to the success of this policy. It did, however, provide accommodation for a larger number of emergent cases to be admitted.

There has been an increased demand for admission of children in the younger age groups, that is — from 1 to 5 years of age. The large percentage of these applications come from families where the father is serving in one of the armed forces. Every effort has been made at this institution and by the Department to provide accommodation for the most urgent of these cases.

As indicated in the 1941 report, our school system had to be revised to provide training for those of a lower mental level and this has been partially completed by the institution of elementary occupational classes and an increase in the activities which promote muscular co-ordination.

STAFF, ADMINISTRATION AND BUILDINGS:

There were still further enlistments with the armed forces, the following having left: Mr. W.A. Kennedy, Miss M. Rook. The vacancies caused by these enlistments, along with the difficulty in procuring replacements for them and also lack of applications for student nurses, has resulted in the existing staff having to work longer hours and assuming greater responsibilities.

To those who have accepted increased duties so loyally and cheerfully, I wish to extend my thanks and appreciation: also to the various members of the Department of Health for their assistance during the year.

ONTARIO HOSPITAL, PENETANGUISENE

DR. C. A. McCLENAHAN, Superintendent.

CARE AND TREATMENT OF PATIENTS:

Conditions in admission Cottage, "A", were greatly improved by the erection of a new entrance.

A severe type of tonsillitis was prevalent during the last few months of the year affecting both patients and staff. In the old building a complete immunization of all against Diphtheria, Scarlet Fever, Typhoid and Small Pox was completed by medical staff. The patients in the Criminal Insane Division were immunized two years ago.

Our population was increased by 65 transfers from other hospitals. The population at present is Male 373, Female 256, and there were 28 admissions, 24 deaths, 17 discharges and 24 transferred to other hospitals. At present there are 24 patients boarding-out.

The Dental Clinic operated throughout the year.

STAFF, ADMINISTRATION AND BUILDINGS:

Staff changes were very few. Attendant Murnie Parnham passed away on August 4th, 1941. During the year some of the graduate nursing staff have resigned, and there was one enlistment in the Armed Forces.

Dr. Hanna completed the A.R.P. lectures to the complete staff. One third of the staff passed the examinations for St. John's Ambulance lectures given by Dr. Barrie.

Lectures in Red Cross Nursing Course were given by Miss Davey to all the female staff.

Lectures were given by the Superintendent to new members of our staff, and also to Nurses of St. Andrew's Hospital, Midland.

Our staff constructed, painted and equipped a new poultry building to accommodate 400 birds, from the plan used by Dominion Department of Agriculture. This is a double decker complete with water, light and heat.

The monthly fire practices were held throughout the year. Four hundred feet of 2½ inch fire hose was purchased, and also a new approved extension metal fire ladder.

ONTARIO HOSPITAL, TORONTO

DR. S. R. MONTGOMERY, Superintendent

CARE AND TREATMENT OF PATIENTS:

The Artificial Fever Therapy Unit, under the direction of Dr. W. H. Avery, Dr. A. J. Bromley and Dr. M.W.S. Campbell, is having considerable success and the work of this department has been progressing very favourably.

The Metrazol Clinic, under the able direction of Dr. K. W. Walters, is still functioning satisfactorily.

During the year, many experiments were made with blackout materials and eventually the hospital was supplied with barn lanterns, the light from which is reflected to the floor by tin covers, made in our own workshops. At the last blackout test the arrangements functioned satisfactorily.

It will be noted in the report that there is a considerable increase in the old age population. This has increased the amount of bed nursing care.

STAFF, ADMINISTRATION AND BUILDINGS:

Dr. A. J. Bromley was transferred to the Venereal Disease Control Division at the Department.

Dr. H. K. Moir joined the Canadian Army Medical Corps.

Dr. M. W. S. Campbell was transferred from the Ontario Hospital, Hamilton, to take charge of the Fever Therapy Unit.

Dr. H. S. Mason, dentist, joined the Dental Corps.

Dr. A. C. DeMille was appointed as dental surgeon, replacing Dr. Mason.

Dr. Ida M. Brill was transferred to the Toronto Psychiatric Hospital for a post graduate course.

Dr. J. B. Brown was appointed as assistant physician on January 14, 1942, and resigned April 30, 1942.

Lectures and Demonstrations in First Aid, Home Nursing and A.R.P. Basic Course have been completed.

Because of the war situation, repairs have been kept to a minimum and no new work has been attempted.

During the year we have closed the quarters over the kitchen, which were formerly used for the domestic staff. One of the basement rooms has been made available as a rest room for the maid staff.

ONTARIO HOSPITAL, WHITBY

DR. D. R. FLETCHER, Superintendent.

CARE AND TREATMENT OF PATIENTS:

In spite of the handicap caused by shortage of staff, the special treatments for patients have not been curtailed. The Medical and Nursing Staff have increased their duties and, although the strain is beginning to tell, I do not think that the patients have suffered. Our discharges, exclusive of transfers, amount to 67 per cent of our admissions, inclusive of transfers.

The placement of patients in boarding homes has been increasingly difficult on account of extreme housing shortage in this vicinity. However, we still are able to offer this treatment to all those in need of it and the number of patients on probation and under the care of the Mental Health Clinic remains gratifyingly high.

STAFF, ADMINISTRATION AND BUILDINGS:

There have been numerous staff changes during the year. The following members of the attendant staff enlisted during the year for Active Service: Messrs. John Gudgeon, Frank Murray, F. H. J. Evans, George Hickey, Alex Coshman and Rae Webster. Dr. Mervin Wellman, Dr. E. G. Sinclair, Carmen Robeson, and Robert Ogilvie enlisted from the Medical Staff; as well as Mr. F. G. MacPherson who was the farmer at this hospital.

Mr. James Davidson and Mr. Robert McCulley left the staff on superannuation.

Dr. George Jenkins went to take his course at the Psychiatric Hospital. Dr. A. J. McIntyre resigned to take a position with the Department of Pensions and National Health.

Dr. C. A. Bright and Dr. J. J. Geoghegan were added to our staff during the year.

Mr. Erle Bond came from the Bowmanville Training School to take charge of the farm.

No new building has been undertaken during the year. Our maintenance staff have been very active trying their utmost with materials at hand to make running repairs in order to keep the hospital in presentable shape.

ONTARIO HOSPITAL, WOODSTOCK

DR. D. O. LYNCH, Superintendent

CARE AND TREATMENT OF PATIENTS:

Our patient population has shown but little change, there being 620 epileptic and 594 tuberculous mentally ill in residence. Admissions totalled 104, of which 92 were epileptic. Discharges accounted for 101 and of these 86 were from the Epileptic Division. Of those discharged from the Epileptic Unit 33.3 per cent were seizure-controlled for one year and upwards.

Regarding the care and treatment of patients in the Epileptic Division, experimental work has been continued under the direction of Dr. C. H. Pratt

Our electro-encephalography laboratory has been utilized to an increasing extent during the year, both as an assistance in diagnosis and in research problems. In addition to newly admitted and some older cases, many out-patients have been examined.

In the T.B. Division the work of the unit has been conducted along the same scale as during the previous year, in spite of the difficulties encountered by change of staff caused by the war situation.

The greater number of the patients are receiving general nursing care and rest treatment. A large proportion, however, which comprises all those patients upon whom the procedure is possible from their mental standpoint, and indicated by their physical condition, are receiving pneumothorax therapy. The number receiving this treatment has been slightly increased as compared with the previous year and substantially increased as compared with former years, probably being accounted for by the fact that the Ontario Hospitals Chest Clinic in its intensive program, is sending to the Unit patients with less far advanced tuberculosis than was possible before the Unit was established on the present scale.

The more radical surgical procedures, such as thoracoplasty, extrapleural pneumothorax, etc., have not been considered advisable in the case of mentally ill patients up to the present time.

During the year it has been possible to admit mentally ill patients from the Sanatoria, from their homes, or from General Hospitals without delay, and also patients from Ontario Hospitals have been transferred with no appreciable delay.

Dr. F. T. Fralick has continued as Travelling Chest Clinician for the Ontario Hospitals Service, working from the T.B. Unit, Woodstock, and has completed chest surveys and re-checks in all Ontario Hospitals.

Specific treatment on a number of luetic patients has been conducted during the year.

STAFF, ADMINISTRATION AND BUILDINGS:

Regarding staff changes, we lost the services of Dr. J.J. Weber and Dr. F.S. Lawson through enlistment and Dr. Sophie Bookhalter was transferred to the Ontario Hospital, New Toronto. Dr. O.V. Dent from the Department of Tuberculosis Prevention Branch was transferred, replacing Dr. Weber. Dr. A.L. Rice joined the staff July 1st, 1941 and Dr. B. LaBelle replaced Dr. Bookhalter from the Ontario Hospital, New Toronto. Our chief engineer, Mr. Douglas Hyslop, was called by the British Admiralty Technical Mission for service and he was replaced by Mr. M. Jarvie.

Enlistments during the year numbered 17, making a total of 48 since the out-break of war in 1939.

Our staff, both medical and female nursing, have continued to give their services in lecturing and addressing various groups and organizations in Woodstock. A First Aid Course as outlined by the St. John's Ambulance Association was also given during the year to the staff and at present a Home Nursing Course to female staff is well under way.

In concluding, may I express my sincere appreciation to all members of the hospital staff. They have given their fullest co-operation and loyalty in these trying times.

In the building program, apart from an extension to the piggery, no major items were undertaken.

ANNUAL REPORT OF ONTARIO HOSPITALS CHEST CLINIC

(FOR THE FISCAL YEAR ENDING MARCH 31st, 1942)

O. V. DENT, M.D., Clinician

The work of this Clinic in the control of tuberculosis among the patients and staff of the Ontario Hospitals by means of chest X-rays and Tuberculin tests, has continued during the past Fiscal Year according to the plan described in the report of the Fiscal Year ending March 31st, 1938.

The large table accompanying this report indicates the volume of work carried out by this Clinic during the Fiscal Year ending March 31st, 1942. The grand totals show, in spite of the difficulties encountered by changes in staff caused by the war situation, that the volume of work has remained much the same as in the previous Fiscal Year. During the past Fiscal Year we have been able to remove all patients with active tuberculosis from the Ontario Hospitals as soon as they have been discovered, and in addition to this, there has been no delay in admitting tuberculous patients who have become mentally ill, from sources other than Ontario Hospitals, mainly from Sanatoria. It is noted that during the past Fiscal Year 90 patients in Ontario Hospitals were discovered to have active tuberculosis and were recommended for transfer to the T.B. Unit, whereas in the Fiscal Year ending March 31st, 1941, 99, and the Fiscal Year ending March 31st, 1940, 137 were recommended for transfer to the T.B. Unit. This decline in the number of active cases can possibly be accounted for by the fact that admissions to the T.B. Unit are not delayed since the Unit was established at Woodstock in October, 1939, with increased bed capacity as compared to previous accommodation.

It may be in order to mention that during the past Fiscal Year, 1053 staff applicants were examined radiologically, and of these 16 or 1.5% were considered unsuitable for employment because of pulmonary tuberculosis, either active or questionably active, and 76 or 7.2% were accepted with reservations because of abnormal chest X-ray markings, possibly but not necessarily tuberculous in nature. These were accepted for temporary staff employment only, and were to have some further investigation, repeat X-rays, etc., within six months of commencing employment. The remaining 961 or 91.3% were considered suitable for employment, without reservations as far as chest X-rays was concerned.

Two thousand nine hundred and ninety-five (2995) patient admissions to Ontario Hospitals were examined radiologically, and of this number 13 or 0.4% were recommended for transfer to the T.B. Unit because of Active Pulmonary Tuberculosis and 61 or 2.0% were recommended for isolation and further investigation in their respective hospitals because of questionably active disease. In addition, 354 or 11.8% were placed on casual observation because of abnormal chest X-ray markings, possibly but not necessarily tuberculous in nature.

The following Table indicates the status of tuberculous patients in all Ontario Hospitals as it existed near the termination of the Fiscal Year ending March 31st, 1942:—

	Male	Female	Total
Number under treatment in T.B. Unit at Woodstock	317	277	594
Number under isolation at the various Ontario Hospitals awaiting transfer to the T.B. Unit	None	None	None
Number under segregation for further investigation at the various Ontario Hospitals Tuberculosis of questionable activity or suspect tuberculosis)	149	98	247

A word of explanation appears necessary here as there is some apparent conflict between the above Table and the large Table attached to this memorandum, in that the column "Number of cases advised for investigation, staff merely repeat X-rays, patients segregated while investigated," in the large table indicates the patient total as 1699 — which includes not only questionably active and suspect tuberculosis but also those with abnormal X-ray markings, whether tuberculosis arrested, probably arrested, etc. (and recommended for Casual Observation); whereas the short table above shows only those isolated because of questionably active or suspect tuberculosis.

A further sub-division of the patients under treatment in the T.B. Unit is presented in the following Table, which indicates the tuberculous status of patients in the T.B. Unit at or near the end of the Fiscal Year. These figures change frequently as a result of the necessary re-check examinations carried out on each patient, but the table is of interest in showing an approximation of the tuberculous status of patients in residence at the T.B. Unit at the end of the Fiscal Year. It should be added that patients who are classed as "quiescent" are on part time exercise, and those classed as "probably arrested" are for the most part, on full exercise, and depending on their next re-check examination, their classification will be altered; if improved they will be classed as arrested. The "arrested" group have been on exercise for at least six months without showing any radiological changes; this is the group from which patients will be selected from time to time for transfer out of the T.B. Unit, either to return to the various Ontario Hospitals if their mental condition is unchanged, or they will be placed on probation if their mental condition warrants. It should also be added that from time to time patients whose tuberculosis is classified as other than "arrested" are transferred to a sanatorium for further treatment of their chest disease if their mental condition improves sufficiently.

	Active.		Probably		
	Activity Questionable	Quiescent	Arrested	Arrested	Totals
Male	146	24	52	95	317
Female	99	57	57	64	277
Total	245	81	109	159	594

In the cases of those Ontario Hospital employees who develop tuberculosis, this Clinic performs or arranges for re-examinations during their convalescence following their discharge from Sanatoria and after their return to duty. The Clinic also performs artificial pneumothorax refills upon those Ontario Hospital employees discharged from Sanatoria where they require these treatments and when it is convenient for them to come to the Unit for treatment. This aspect of the work has been somewhat curtailed since the Clinic office was moved from New Toronto to Woodstock. There is close co-operation between the Division of Tuberculosis Prevention and this Clinic with regard to the post-sanatorium care, or "aftercare" of members of staff discharged from Sanatoria.

There were a number of changes in the Medical Staff of the T.B. Unit during the past year. Dr. J.J. Weber, under whose guidance the T.B. Unit has continued to function smoothly for sometime, in July 1941, went on leave from the Ontario Hospital Service to the Army, and his experienced and valued services are greatly missed in the T.B. Unit. Dr. F.S. Lawson who had been a member of the T.B. Unit staff since the Unit was established in Woodstock in October 1939, also went on leave from the Ontario Hospital Service to the Army in August, 1941. His experienced services are also greatly missed in the T.B. Unit. The writer (O.V. Dent), who had previously been on the T.B. Unit staff was transferred back to the T.B. Unit from the Division of Tuberculosis Prevention in June, 1941. Dr. A. L. Rice was appointed to the staff in July 1941. Dr. Harry P. Granger, who was appointed to the staff in September 1940, has continued his duties as assistant physician in the T.B. Unit, to the present, and Dr. F. T. Fralick has continued as Travelling Chest Clinician for the Ontario Hospitals Service, working from Woodstock.

The continued assistance and co-operation of the Superintendents and staffs of the various Ontario Hospitals has been of great help in the completion of this work. Moreover, the members of the Chest Consultant Board, Dr. G.C. Brink, Dr. J.T. Phair, Dr. A.R. Riddell and Dr. K. M. Shorey have continued to take a very active interest in this Service, for which we are grateful and we herewith express our appreciation of their help.

ONTARIO HOSPITAL POPULATION STATISTICS ANNUAL REVIEW - 1942

L. S. PENROSE, M.D., Acting Medical Statistician

The main trends in the Ontario Hospital population figures can be judged by examining Tables I to XI in this section, which summarize some of the information given in the detailed statistical tables.

The number of patients on the books, shown in Table I, continues to increase year by year as also does the total number of patients in residence. The increase exceeds, proportionately, the natural growth of the general population and this is demonstrated by the fact that the number of patients per 100,000 population continues to advance each year and has now reached the figures of 414, for patients on the books, and 388, for those in residence.

The difference between the numbers of patients actually in hospital and of those on the books is made up by the numbers of patients boarded out or on probation. In 1942, the number of patients boarded out reached its highest value, 559 cases, but the number of patients on probation was slightly less than the corresponding number in 1941. These facts are set out in Table II.

As shown in Table III, the resident population of the Ontario Hospitals is about equally divided between males and females. Comparison with the general population emphasizes the interesting fact, that the male patients predominate in the age groups below 45 years and female patients predominate in all the older age groups.

The proportion of the general population in different age groups, admitted for the first time or resident in the Ontario Hospitals in the year 1942, is shown in Table IV. The proportions given here as rates per 1,000 population, are more accurate than those for the previous few years because they are based upon the 1941 census returns. For both first admissions and resident patients, the rates clearly demonstrate, as they have in previous years, that the likelihood of admission to hospital increases steadily with age. The rates in the older age groups have shown no tendency to increase in the last few years. Nevertheless, probably in consequence of the trend towards greater numbers of elderly people in the general population, the actual numbers of elderly patients (aged 65 and over) both among the first admissions and among the resident patients show definite increases this year, i.e. 417 and 1,931 in 1942 as compared with 352 and 1,788 in 1941 or 361 and 1,756 in 1940.

Among the resident patients, the accumulation in numbers of cases, diagnosed Dementia Praecox, Mental Deficiency without psychosis, G.P.I., and paranoid conditions, continues as it has done since 1937. The trend, which is shown in Table V, applies both to the actual numbers and the rates per 100,000 of the general population. In contrast, there appears to have been a diminution, specially marked since 1939, in the number of resident patients, diagnosed manic depressive psychosis and those diagnosed alcoholic psychosis.

The first admissions, classified by diagnoses are shown in Table VI. The total number in 1942 differs little from that given in the return for the previous year though it is somewhat differently built up. Notably, more mentally defective cases were admitted in 1942 than in 1941; also, there were more cases of cerebral arteriosclerosis and fewer cases of manic depressive psychosis, dementia praecox and epilepsy.

Discharge rates and death rates based upon numbers of admissions and numbers treated at the different hospitals are given in Table VII. On the whole, there has been very little change in these rates since the last report.

The recovery rates of discharged patients, shown in Table VIII, indicate that a higher percentage of such cases were deemed to have recovered in the 1942 returns than in the 1941 returns. Actually, 607 patients were discharged as recovered in 1942 against 461 in 1941. The returns for 1940 showed that 536 patients were discharged as recovered.

When recovery rates, shown in Table IX based upon the number of admissions and expressed as percentages, were compared in the different diagnosis groups, an unusually high figure (99.1%) for manic depressive cases was found this year. The corresponding death rates, also shown in Table IX, are highest in the senile group, as might be expected.

Table X shows discharge rates by age groups and clearly indicates that the prognosis is most favourable for cases admitted between the ages of 35 and 54, in which group the rate varies between 80 and 83 per 100 patients admitted.

The recorded causes of the deaths of patients in the Ontario Hospitals are given in Table XI. The death rate, although very slightly lower this year than last year — 46.8, in 1942 as compared with 47.4 in 1941, per 1,000 patients — is four and one half times the rate in the general population. This is not surprising, in view of the large number of elderly patients. It is satisfactory to note that the death rate from tuberculosis (all forms) has diminished since last year. There were only 54 deaths from this cause in 1942, against 66 in 1941 and 60 in 1940. As in these two previous years, pneumonia (or bronchitis) is given as the commonest cause of death among the patients (i.e. 27.7%) in marked contrast to its relatively low frequency 4.4% as a cause of death in the general population.

TABLE I
TRENDS IN PATIENT POPULATION — ONTARIO HOSPITALS
1928 - 1942

Year	In Residence*		On Books†	
	Number	Rate x	Number	Rate x
1928	9,467	289	9,775	298
1929	9,704	291	10,032	301
1930	10,060	297	10,390	307
1931	10,488	306	10,930	318
1932	11,052	318	11,498	331
1933	11,578	325	12,236	343
1934	12,068	333	12,883	355
1935‡	12,314	335	12,879	351
1936	13,142	356	13,868	376
1937	13,487	363	14,288	385
1938	14,056	377	14,736	395
1939	14,247	380	15,196	405
1940	14,314	379	15,283	405
1941	14,486	383	15,490	409
1942	14,728	389	15,712	415

* Includes patients boarded out from 1934

† Includes patients in residence and on probation

x Per 100,000 population (estimated)

‡ Five month period

TABLE II
PATIENT POPULATION — ONTARIO HOSPITALS
1933 - 1942

Year	Patients In Residence		Patients On Probation		Patients Boarded Out		TOTAL ON BOOKS*
	Number	Per Cent	Number	Per Cent	Number	Per Cent	
1933	11,578	94.6	658	5.4	0	—	12,236
1934	11,830	91.8	815	6.3	238	1.9	12,883
1935	12,042	93.5	565	4.4	272	2.1	12,879
1936	12,750	91.9	726	5.2	392	2.8	13,868
1937	13,019	91.1	801	5.6	468	3.3	14,288
1938	13,574	92.1	680	4.6	482	3.3	14,736
1939	13,746	90.5	940	6.2	501	3.3	15,196
1940	13,764	90.0	962	6.4	550	3.6	15,283
1941	13,981	90.3	986	6.4	505	3.3	15,490
1942	14,169	90.2	970	6.2	559	3.6	15,712

* Includes patients on elopement and not discharged

1933 - 1934 Years ending October 31st

1935 - Five month period — Nov. 1st, 1934 to March 31st, 1935

1936 - 1942 - Years ending March 31st.

TABLE III

AGE DISTRIBUTION BY SEX — RESIDENT POPULATION AND PROVINCE

AGE	MALES			FEMALES		
	Province* Population	Ontario Hospitals	Rate‡	Province* Population	Ontario Hospitals	Rate‡
Under 15.	469,011	353	0.75	455,232	224	0.49
15 - 24...	335,712	840	2.50	327,393	751	2.29
25 - 34...	305,515	1,217	3.98	296,695	1,017	3.43
35 - 44...	267,392	1,543	5.77	251,309	1,319	5.25
45 - 54...	229,448	1,490	6.49	217,263	1,523	7.01
55 - 64...	169,281	1,164	6.88	162,079	1,329	8.19
65 & over	144,842	778	5.37	156,483	1,153	7.37
Not stated	—	6	—	—	21	—
ALL AGES	1,921,201	7,391	3.85	1,866,454	7,337	3.93

* Census 1941

‡ Rate per 1,000 population at ages.

TABLE IV

FIRST ADMISSIONS AND PATIENTS IN RESIDENCE BY AGE
YEAR ENDING MARCH 31st, 1942

AGE	Population*	FIRST ADMISSIONS		PATIENTS IN RESIDENCE ^x	
		Number	Rate‡	Number	Rate‡
Under 15	924,243	211	0.22	577	0.62
15 - 24	663,105	384	0.58	1,591	2.39
25 - 34	602,210	387	0.64	2,234	3.71
35 - 44	518,701	372	0.72	2,862	5.51
45 - 54	446,711	314	0.70	3,013	6.74
55 - 64	331,360	284	0.86	2,493	7.52
65 and over	301,325	417	1.38	1,931	6.40
Not stated	—	1	—	27	—
ALL AGES	3,787,655	2,370	0.63	14,728	3.88

‡ Per 1,000 population at ages

* Census 1941

^x Includes patients boarded out

TABLE V
 PATIENTS IN RESIDENCE BY DIAGNOSIS
 1937 — 1942

DIAGNOSIS	1937	1938	1939	1940	1941	1942
	NUMBER OF PATIENTS					
Dementia Praecox	6,017	6,229	6,392	6,493	6,645	6,751
Manic-Depressive Psychoses	1,273	1,282	1,256	1,163	1,170	1,113
Psychoses with Mental Deficiency...	609	638	622	599	587	607
Senile Psychoses	441	446	446	364	383	415
Epileptic Psychoses	421	448	416	409	406	395
Mental Deficiency without Psychosis.	2,375	2,536	2,736	2,884	2,862	2,979
G. P. I. and Cerebral Syphilis.....	462	507	512	523	534	551
Psychoses with Cerebral Arterioscler.	315	337	328	337	369	379
Involuntal Psychoses	264	284	248	270	241	265
Paranoia and Paranoid Conditions...	218	221	230	233	234	235
Alcoholic Psychoses	85	87	67	57	51	56
Alcoholism without Psychosis	22	23	21	9	11	15
Epilepsy without Psychosis	473	504	522	562	562	566
All Other	516	514	451	411	431	401
TOTAL	13,487	14,056	14,241	14,314	14,486	14,728
DIAGNOSIS	RATES PER 100,000 POPULATION					
Dementia Praecox	161.2	167.0	170.4	171.9	176.6	178.2
Manic-Depressive Psychoses	34.5	34.4	33.5	30.8	31.1	29.3
Psychoses with Mental Deficiency...	16.5	17.1	16.6	15.9	15.6	16.0
Senile Psychoses	11.9	12.0	11.9	9.6	10.2	10.9
Epileptic Psychoses	11.4	12.0	11.1	10.8	10.8	10.4
Mental Deficiency without Psychosis.	64.4	68.0	72.9	76.4	76.1	78.6
G. P. I. and Cerebral Syphilis.....	12.5	13.6	13.6	13.8	14.2	14.5
Psychoses with Cerebral Arterioscler.	8.5	9.0	8.7	8.9	9.8	10.0
Involuntal Psychoses	7.2	7.6	6.6	7.1	6.4	6.9
Paranoia and Paranoid Conditions..	5.9	5.9	6.2	6.2	6.2	6.2
Alcoholic Psychoses	2.2	2.3	1.8	1.5	1.4	1.4
Alcoholism without Psychosis	0.6	0.6	0.6	0.2	0.3	0.3
Epilepsy without Psychosis	12.8	13.5	13.9	14.9	14.9	14.9
All Other	14.0	13.8	12.0	10.9	11.5	10.5
TOTAL	365.5	376.7	379.7	379.0	385.0	388.8

TABLE VI
FIRST ADMISSIONS BY DIAGNOSIS 1928—1942.*

DIAGNOSIS	NUMBER OF PATIENTS														
	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Dementia Praecox.....	431	491	580	480	495	545	576	232	616	603	594	586	524	504	489
Manic-Depressive Psychoses.....	212	257	185	276	300	303	306	110	394	334	325	316	325	306	274
Senile Psychoses.....	207	211	201	211	163	121	180	58	183	171	194	165	173	200	217
Mental Deficiency without Psychoses.....	121	147	105	139	368	299	349	73	369	375	385	404	332	279	387
G.P.I. and Cerebral Syphilis.....	92	102	115	138	130	142	140	142	145	124	147	128	129	125	102
Psychoses with Cerebral Arteriosclerosis.....	79	106	79	88	131	147	155	56	187	125	165	178	213	189	209
Psychoses with Mental Deficiency.....	74	91	68	70	90	96	67	27	86	54	51	52	50	52	64
Epileptic Psychoses.....	39	58	45	58	41	44	54	15	53	47	61	48	51	45	34
Involuntary Psychoses.....	62	98	86	74	79	52	57	23	73	72	90	95	134	91	98
Paranoia and Paranoid Conditions.....	33	31	33	65	65	53	42	22	52	69	43	51	43	40	31
Alcoholic Psychoses.....	27	25	42	35	25	24	19	9	62	39	36	42	42	32	37
Alcoholism without Psychoses.....	26	13	15	22	21	19	25	16	55	71	72	70	56	21	23
Epilepsy without Psychoses.....	41	60	39	27	54	85	65	29	101	56	76	95	107	88	78
All Other.....	158	190	206	219	288	268	276	118	391	396	397	382	362	332	327
TOTAL.....	1,602	1,853	1,859	1,922	2,250	2,198	2,241	837	1,767	2,536	2,636	2,612	2,541	2,304	2,370

RATE PER 100,000 POPULATION

DIAGNOSIS	RATE PER 100,000 POPULATION														
	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Dementia Praecox.....	13.2	14.7	17.2	14.0	14.2	15.7	16.2	15.5	17.1	16.3	15.9	15.6	13.9	13.4	12.9
Manic-Depressive Psychoses.....	6.5	6.8	5.0	8.0	8.6	8.6	8.9	3.9	7.4	9.1	8.7	8.4	8.6	8.1	7.2
Senile Psychoses.....	6.3	4.4	3.9	6.2	4.7	3.6	4.2	3.9	5.1	4.6	5.2	4.8	4.6	5.3	5.7
Mental Deficiency without Psychoses.....	3.7	4.4	3.4	4.6	16.6	8.5	8.7	4.9	10.2	10.2	10.3	10.4	8.8	7.4	10.2
G.P.I. and Cerebral Syphilis.....	2.7	3.0	3.4	4.0	3.7	4.0	4.0	3.3	4.0	3.4	3.9	3.4	3.4	3.3	2.7
Psychoses with Cerebral Arteriosclerosis.....	2.4	3.2	2.3	2.6	3.6	4.2	4.4	3.8	5.2	3.4	4.4	4.7	5.6	5.0	5.5
Psychoses with Mental Deficiency.....	2.3	2.7	2.0	2.0	2.6	2.7	1.9	1.8	2.4	1.5	1.4	1.4	1.3	1.4	1.7
Epileptic Psychoses.....	1.2	1.7	1.3	1.7	1.2	1.3	1.5	1.0	1.5	1.3	1.6	1.3	1.4	1.2	0.9
Involuntary Psychoses.....	1.9	2.9	2.5	2.1	2.3	1.5	1.6	1.5	2.0	1.9	2.4	2.5	3.5	2.4	2.6
Paranoia and Paranoid Conditions.....	1.0	0.9	1.0	1.9	1.9	1.5	1.2	0.6	1.4	1.8	1.2	1.4	1.1	1.1	0.8
Alcoholic Psychoses.....	0.8	0.7	1.2	1.0	0.7	0.7	0.5	0.6	1.7	1.1	1.0	1.1	1.1	0.9	0.9
Alcoholism without Psychoses.....	0.8	0.4	0.4	0.6	0.6	0.5	0.7	1.1	1.5	1.9	1.9	1.9	1.5	0.6	0.6
Epilepsy without Psychoses.....	1.3	1.8	1.2	0.8	1.6	2.4	1.8	1.9	2.8	1.5	2.0	2.5	2.8	2.3	2.1
All Other.....	4.8	5.7	6.1	6.4	8.3	7.6	7.7	7.9	10.8	10.7	10.6	10.2	9.0	8.8	8.6
TOTAL.....	49.0	55.5	54.7	56.0	64.8	62.5	63.9	56.1	70.9	68.7	70.7	69.6	67.3	61.2	62.5

*1928-1934—Year ending October 31st.
1935—Five months ending March 31st.
1936-1942—Year ending March 31st.

TABLE VII
DISCHARGE AND DEATH RATES BY HOSPITAL
ONTARIO HOSPITALS — 1942

HOSPITALS	Total Admissions	Total* Treated	DISCHARGES			DEATHS		
			No.	Per 100 Adm.	Per 1000 Treated	No.	Per 100 Adm.	Per 1000 Treated
Brockville ..	231	1,425	157	58.5	110.2	63	27.3	44.2
Cobourg	63	592	53	84.1	89.5	5	7.9	8.4
Fort William	99	160	42	42.4	262.5	6	6.1	37.5
Hamilton ...	415	1,976	254	61.2	128.5	104	25.1	52.6
Kingston ...	219	1,440	166	75.7	115.3	71	32.4	59.3
Langstaff ..	0	350	2	—	57.1	2	—	57.1
London	419	2,107	275	65.6	130.5	97	23.1	46.0
New Toronto	387	1,940	228	58.4	117.5	67	17.3	34.5
Orillia	261	2,369	119	45.5	50.2	51	19.5	21.5
Penetang ...	28	670	17	60.7	25.3	24	85.7	35.8
Toronto	288	1,637	186	64.5	113.6	127	44.0	77.6
Whitby	512	2,245	371	72.4	165.2	129	25.2	57.4
Woodstock ..	104	1,457	101	97.1	69.3	73	70.1	50.1
ALL HOSPITALS	3,026	18,359	1,971	65.1	107.4	819	27.1	44.6

* Patients on the books March 31, 1942 plus discharges and deaths during the year.

TABLE VIII
DISCHARGE RATES BY CONDITION ON DISCHARGE—YEAR ENDING MARCH 31, 1942

HOSPITAL	Total Admissions	Patients Treated *	RECOVERED			IMPROVED			UNIMPROVED			WITHOUT MENTAL DISORDER			TOTAL		
			No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated
Brockville.....	231	1425	52	22.5	36.5	89	38.5	62.4	7	3.0	4.9	9	3.8	6.3	157	67.8	110.1
Cobourg.....	63	592	0	.....	.....	0	.....	.....	0	.....	.....	53	84.1	89.5	53	84.1	89.5
Fort William.....	99	160	9	9.1	56.3	27	27.2	168.7	4	4.0	25.0	2	2.0	12.5	42	42.3	262.5
Hamilton.....	415	1,976	115	27.7	58.2	106	25.5	53.6	16	3.8	8.0	17	4.0	8.6	254	61.2	128.5
Kingston.....	219	1,440	56	25.6	38.9	81	36.9	56.3	5	2.2	3.4	24	10.9	16.6	166	75.7	115.2
Langstaff.....	0	350	0	.....	.....	2	.....	5.7	0	.....	.....	0	.....	.....	2	.....	57.1
London.....	419	2,107	97	23.2	46.0	135	32.2	111.8	16	3.7	7.4	27	4.6	12.8	275	65.6	130.5
New Toronto.....	387	1,940	39	10.1	20.1	180	46.5	92.7	4	1.0	2.1	5	1.2	2.5	228	58.9	117.5
Orillia.....	261	2,369	0	.....	.....	66	25.2	27.8	53	2.0	22.3	0	.....	.....	119	45.6	50.1
Penetang.....	28	670	1	3.6	1.5	15	53.5	22.3	1	3.5	1.4	0	.....	.....	17	60.7	25.3
Toronto.....	288	1,637	84	29.2	51.3	82	28.4	50.0	3	1.0	1.8	17	5.9	10.3	186	64.5	113.6
Whitby.....	512	2,245	135	26.4	60.1	180	35.1	80.2	19	3.7	8.4	37	7.2	16.4	371	72.4	165.2
Woodstock.....	104	1,457	19	18.2	13.0	11	10.5	7.5	3	5.8	2.1	68	65.3	46.6	101	97.1	69.3
ALL HOSPITALS.....	3,026	18,359	607	20.1	33.1	974	32.1	53.0	131	4.3	7.1	259	8.6	14.1	1,971	65.1	107.3

* Patients on the books, March 31, 1942, plus discharges and deaths during year.

TABLE IX
DISCHARGE AND DEATH RATES FOR SELECTED PSYCHOSES
YEAR ENDING MARCH 31, 1942

PSYCHOSES	Total Admissions	* No. Treated	DISCHARGES			DEATHS		
			Number	Per 100 Adm.	Per 1000 Treated	Number	Per 100 Adm.	Per 1000 Treated
Senile†	462	1,220	96	20.8	78.7	330	71.4	270.5
Dementia Praecox	727	7,387	464	63.8	62.8	172	23.7	23.3
Manic Depressive	456	1,618	452	99.1	279.3	53	11.6	32.8
General Paresis‡	121	666	63	52.0	94.6	52	42.9	78.1
Epileptic	50	458	41	82.0	89.5	22	44.0	48.0
With Mental Deficiency	87	663	42	48.2	91.7	14	16.1	21.1
Other Psychoses	511	1,410	401	78.5	284.4	97	18.9	68.7
Without Psychosis	612	4,096	412	67.3	100.5	79	12.9	19.3
TOTAL	3,026	17,518	1,971	65.1	112.5	819	27.1	46.8

* Patients in residence, March 31, 1942 plus discharges and deaths during the year. (This is an approximation — probationers not included.)

† Including psychoses with cerebral arteriosclerosis.

‡ Including psychoses due to cerebral syphilis.

TABLE X
DISCHARGES AND DEATHS BY AGE
YEAR ENDING MARCH 31, 1942

AGE GROUPS	First and Re-Admissions	No.* Treated	DISCHARGES			DEATHS		
			No.	Per 100 Adm.	Per 1000 Treated	No.	Per 100 Adm.	Per 1000 Treated
Under 15 ...	214	624	26	12.1	41.7	21	9.8	33.7
15 — 24	462	1,968	349	75.5	177.3	28	6.1	14.2
25 — 34	545	2,686	420	77.1	156.4	32	5.9	11.9
35 — 44	510	3,344	417	81.8	124.7	65	12.7	19.4
45 — 54	431	3,457	349	80.9	100.9	95	22.0	27.5
55 — 64	378	2,912	252	66.6	86.5	167	44.2	57.3
65 & over..	484	2,494	153	31.6	61.3	410	84.7	164.4
Not stated..	2	33	5	—	—	1	—	—
ALL AGES	3,026	17,518	1,971	65.1	112.5	819	27.1	46.8

* Patients in residence, March 31, 1942 plus discharges and deaths

TABLE XI
PRINCIPAL RECORDED CAUSES OF DEATH
ONTARIO HOSPITALS — 1941-42 AND ONTARIO 1941

CAUSE OF DEATH	ONTARIO HOSPITALS			PROVINCE		
	No.	Rate†	%	No.	Rate‡	%
1. Pneumonia and Bronchitis.	227	13.0	27.7	1,795	0.5	4.4
2. Diseases of the Heart	210	12.0	25.6	11,676	3.1	28.6
3. Cerebral Haemorrhage	86	4.9	10.5	1,599	0.4	3.9
4. Tuberculosis (all forms)..	54	3.1	6.6	1,100	0.3	2.7
5. Diseases of the Arteries..	39	2.2	4.8	955	0.3	2.3
6. Cancer (all forms)	36	2.1	4.4	4,931	1.3	12.1
Total (1-6)	652	37.2	79.6	22,056	5.8	54.0
All Other Causes.....	167	9.5	20.4	18,769	5.0	46.0
GRAND TOTAL	819	46.8	100.0	40,825	10.8	100.0

† Rate Per 1,000 under treatment (17,518)

‡ Rate Per 1,000 population (3,787,655)

**DETAILED
STATISTICAL
TABLES**

TABLE No. 1
DETAILED MOVEMENT OF PATIENT POPULATION.
April 1st, 1941 to March 31st, 1942.

POPULATION	LONDON		NEW TORONTO		ORILLIA		PENETANG		TORONTO		WHITBY		WOODSTOCK	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Patients on Books April 1, 1941:														
In Residence.....	747	799	704	707	1,411	1,027	983	2,010	353	202	555	607	608	1,215
In Boarding Homes.....	22	58	49	43	95	0	11	11	8	20	28	10	32	42
On Probation.....	57	65	44	43	87	56	36	92	4	1	0	43	53	96
On Elopement (Not Discharged).....	0	0	0	0	0	7	4	0	0	0	0	0	0	0
Total on Books.....	826	922	1,748	797	1,593	1,090	1,034	2,124	365	223	588	660	693	1,353
2. Admitted During Year:														
First Admissions.....	143	164	161	169	330	133	120	253	20	5	25	120	105	225
Re-Admissions.....	58	54	25	32	57	7	1	8	1	2	3	31	32	63
Transfers Received.....	7	1	16	8	24	6	2	8	27	5	78	62	23	85
Total Admitted.....	208	219	427	202	411	146	123	269	48	58	106	213	160	373
3. Total Under Care†.....	1,034	1,141	2,175	999	1,005	2,004	1,236	1,157	2,393	413	281	694	873	853
4. Discharged During Year:†														
Recovered.....	30	67	27	12	39	0	0	0	0	1	1	41	43	84
Improved.....	78	57	89	91	180	36	30	66	13	2	15	39	43	82
Without Psychosis.....	1	5	2	3	5	25	28	53	0	0	0	1	2	5
Died*.....	45	52	28	39	67	27	24	51	13	11	24	13	53	127
Transferred.....	28	40	32	32	64	20	4	23	13	13	21	45	44	89
Total Discharged from Books†.....	209	231	440	180	359	108	86	194	40	25	65	213	189	402
5. Patients on Books March 31, 1942:														
In Residence.....	753	793	1,546	729	1,443	1,068	915	1,983	363	240	693	606	601	1,207
In Boarding Homes.....	32	52	84	38	53	5	101	106	8	16	24	9	30	39
On Probation.....	40	65	105	52	59	48	54	102	2	0	2	45	33	78
On Elopement (Not Discharged).....	0	0	0	0	0	7	1	8	0	0	0	0	0	0
Total on Books.....	825	910	1,735	819	826	1,128	1,071	2,199	373	256	629	660	664	1,324
6. Daily Average Population in Residence.....	748	789	1,537	715	710	1,425	1,028	1,000	2,028	350	226	576	616	606
7. Daily Average Population on Books.....	837	922	1,759	805	815	1,620	1,108	1,053	2,161	366	246	612	660	666

† These figures include transfers—actual numbers for all hospitals are 17,535 and 2,790.

† Elopers Discharged (51) are included with ordinary discharges.

* Excludes deaths on probation and elopement, these are included with ordinary discharges.

TABLE No. 1—(Concluded)
 DETAILED MOVEMENT OF PATIENT POPULATION
 April 1st, 1941 to March 31st, 1942

POPULATION	TOTAL		BROCKVILLE		COBourg		FORT WILLIAM		HAMILTON		KINGSTON		LANGSTAFF					
	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. Patients on Books April 1, 1941:																		
In Residence.....	7,136	6,845	13,981	559	526	1,085	0	367	367	749	674	1,423	575	516	1,091	341	0	341
In Boarding Homes.....	171	335	506	15	22	37	0	26	26	11	22	33	22	48	70	1	0	1
On Probation.....	442	524	966	31	52	83	0	71	71	12	52	65	18	27	45	5	0	5
On Elopement (Not Discharged).....	10	8	18	0	0	0	0	4	4	1	0	1	1	0	1	1	0	1
Total on Books.....	7,759	7,712	15,471	605	600	1,205	0	468	468	813	761	1,574	616	591	1,207	348	0	348
2. Admitted During Year:																		
First Admissions.....	1,176	1,194	2,370	70	98	168	0	55	55	131	151	282	95	75	170	0	0	0
Re-Admissions.....	313	343	656	25	38	63	0	8	8	12	59	74	26	23	49	0	0	0
Transfers Received.....	280	222	502	9	3	12	0	68	68	2	17	8	29	4	33	22	0	22
Total Admitted.....	1,769	1,759	3,528	104	139	243	0	131	131	101	207	233	150	102	252	22	0	22
3. Total Under Care †.....	9,528	9,471	18,999	709	739	1,448	0	599	599	1,020	994	2,014	766	693	1,459	370	0	370
4. Discharged During Year:†																		
Recovered.....	292	315	607	24	28	52	0	0	0	9	56	115	31	25	56	0	0	0
Improved.....	511	463	974	44	45	89	0	0	0	27	51	55	33	48	81	2	0	2
Unimproved.....	63	68	131	3	4	7	0	0	0	4	7	9	2	3	5	0	0	0
Without Psychosis.....	140	119	259	6	3	9	0	53	53	2	13	4	17	24	0	24	0	0
Died*.....	405	414	819	26	37	63	0	5	5	6	50	54	36	35	71	2	0	2
Transferred.....	275	222	497	14	9	23	0	7	7	33	22	16	38	12	7	15	0	15
Total Discharged from Books †.....	1,686	1,601	3,287	117	126	243	0	65	65	81	202	194	138	118	256	19	0	19
5. Patients on Books March 31, 1942:																		
In Residence.....	7,235	6,934	14,169	546	548	1,094	0	434	434	760	714	1,474	581	512	1,093	346	0	346
In Boarding Homes.....	156	403	559	13	25	38	0	25	25	7	14	21	16	40	56	0	0	0
On Probation.....	439	531	970	33	40	73	0	74	74	12	49	72	30	23	53	3	0	3
On Elopement (Not Discharged).....	12	2	14	0	0	0	0	1	1	0	2	0	1	0	1	2	0	2
Total on Books.....	7,842	7,870	15,712	592	613	1,205	0	534	534	818	800	1,618	628	575	1,203	351	0	351
6. Daily Average Population in Residence.....	7,224	7,019	14,243	565	562	1,127	0	396	396	756	701	1,457	625	562	1,187	346	0	346
7. Daily Average Population on Books.....	7,708	7,768	15,536	603	613	1,216	0	495	495	827	792	1,619	583	508	1,091	350	0	350

† These figures include transfers—actual numbers for all hospitals are 17,635 and 2,790.

‡ Elopers discharged, (51) are included with ordinary discharges.

* Excludes deaths on probation and elopement, these are included with ordinary discharges.

TABLE No. 2
MOVEMENT OF PATIENT POPULATION
YEAR ENDING MARCH 31, 1942.

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.....	70	98	168	25	38	68	9	3	12	104	139	243
CORNBURG.....	0	55	55	0	8	8	0	68	68	0	131	131
FORT WILLIAM.....	87	0	87	12	0	12	2	0	2	101	0	101
HAMILTON.....	131	151	282	59	74	133	17	8	25	207	233	440
KINGSTON.....	95	75	170	26	23	49	29	4	33	150	102	252
LANGSTAFF.....	0	0	0	0	0	0	22	0	22	22	0	22
LONDON.....	143	164	307	58	54	112	7	1	8	208	219	427
NEW TORONTO.....	161	169	330	25	32	57	16	8	24	202	209	411
ORILLIA.....	133	120	253	7	1	8	6	2	8	146	123	269
PENETANG.....	20	5	25	1	2	3	27	51	78	48	58	106
TORONTO.....	120	105	225	31	32	63	62	23	85	213	160	373
WHITBY.....	163	222	385	60	67	127	20	20	40	243	309	552
WOODSTOCK.....	53	30	83	9	12	21	63	34	97	125	76	201
All Hospitals.....	1,176	1,194	2,370	313	343	656	280	222	502	1,769	1,759	3,528

TABLE No. 2 (Concluded)
MOVEMENT OF PATIENT POPULATION
YEAR ENDING MARCH 31, 1942

HOSPITALS	FROM POPULATION																	
	DISCHARGED*		DIED†		TRANSFERRED TO OTHER HOSPITALS		ELOPERS DISCHARGED		TOTAL FROM POPULATION		CHANGE IN POPULATION							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.					
BROCKVILLE.....	75	80	155	26	37	63	14	9	23	2	0	2	117	126	243	-13	+13	0
COBourg.....	0	47	47	0	5	5	0	7	7	0	6	6	0	65	65	0	+66	+66
FORT WILLIAM.....	42	0	42	6	0	6	33	0	33	0	0	0	81	0	81	+20	0	+20
HAMILTON.....	126	124	250	50	54	104	22	16	38	4	0	4	202	194	396	+5	+39	+44
KINGSTON.....	87	76	163	36	35	71	12	7	19	3	0	3	138	118	256	+12	-16	-4
LANGSTAFF.....	2	0	2	2	0	2	15	0	15	0	0	0	19	0	19	+3	0	+3
LONDON.....	134	139	273	45	52	97	28	40	68	2	0	2	209	231	440	-1	-12	-13
NEW TORONTO.....	118	108	226	28	39	67	32	32	64	2	0	2	180	179	359	+22	+30	+52
ORILLIA.....	49	45	94	27	24	51	20	4	24	12	13	25	108	86	194	+38	+37	+75
PENEFANG.....	14	3	17	13	11	24	13	11	24	0	0	0	40	25	65	+8	+33	+41
TORONTO.....	91	92	183	74	53	127	45	44	89	3	0	3	213	189	402	0	-29	-29
WHITBY.....	179	190	369	57	72	129	19	45	64	1	1	2	256	308	564	-13	+1	-12
WOODSTOCK.....	58	41	99	41	32	73	22	7	29	2	0	2	123	80	203	+2	-4	-2
ALL HOSPITALS.....	975	945	1,920	405	414	819	275	222	497	31	20	51	1,686	1,601	3,287	+83	+158	+241

* Discharges include 4 deportations.

† Does not include deaths on probation or elopement. These are classed as discharges.

TABLE No. 3
 PATIENT POPULATION ON APRIL 1, 1941 AND MARCH 31, 1942

HOSPITAL	POPULATION APRIL 1, 1942														
	PATIENTS IN HOSPITAL			PATIENTS ON PROBATION			PATIENTS BOARDING-OUT			ELOPED AND (NOT DISCHARGED)			TOTAL ON BOOKS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville.....	559	526	1,085	31	52	83	15	22	37	0	0	0	605	600	1,205
Cobourg.....	0	367	367	0	71	71	0	26	26	0	4	4	0	468	468
Fort William.....	80	0	80	12	0	12	0	0	0	0	0	0	92	0	92
Hamilton.....	749	674	1,423	52	65	117	11	22	33	1	0	1	813	761	1,574
Kingston.....	575	516	1,091	18	27	45	22	48	70	1	0	1	616	591	1,207
Langstaff.....	341	0	341	5	0	5	1	0	1	1	0	1	348	0	348
London.....	747	799	1,546	57	65	122	22	58	80	0	0	0	826	922	1,748
New Toronto.....	704	707	1,411	44	43	87	49	46	95	0	0	0	797	796	1,593
Orillia.....	1,027	983	2,010	56	36	92	0	11	11	7	4	11	1,090	1,034	2,124
Penetang.....	353	202	555	4	1	5	8	20	28	0	0	0	365	223	588
Toronto.....	607	608	1,215	43	53	96	10	32	42	0	0	0	660	693	1,353
Whitby.....	755	873	1,628	90	85	175	33	50	83	0	0	0	878	1,008	1,886
Woodstock.....	639	590	1,229	30	26	56	0	0	0	0	0	0	669	616	1,285
ALL HOSPITALS.....	7,136	6,845	13,981	442	542	966	171	353	506	10	8	18	7,759	7,712	15,471

TABLE No. 3 (Concluded)
 PATIENT POPULATION APRIL 1, 1941 AND MARCH 31, 1942

HOSPITAL	POPULATION MARCH 31, 1942																	
	PATIENTS IN HOSPITAL			PATIENTS ON PROBATION			PATIENTS BOARDING-OUT			ELOPED AND NOT DISCHARGED			TOTAL ON BOOKS			TOTAL NUMBER OF PATIENTS ON BOOKS DURING YEAR		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville.....	546	548	1,094	33	40	73	13	25	38	0	0	0	592	613	1,205	709	739	1,448
Cobourg.....	0	434	434	0	74	74	0	25	25	0	1	1	0	534	534	0	599	599
Fort William.....	100	0	100	12	0	12	0	0	0	0	0	0	112	0	112	193	0	193
Hamilton.....	760	714	1,474	49	72	121	7	14	21	2	0	2	818	800	1,618	1,020	994	2,014
Kingston.....	581	512	1,093	30	23	53	16	40	56	1	0	1	628	575	1,203	766	693	1,459
Langstaff.....	346	0	346	3	0	3	0	0	0	2	0	2	351	0	351	370	0	370
London.....	753	793	1,546	40	65	105	32	52	84	0	0	0	825	910	1,735	1,034	1,141	2,175
New Toronto.....	729	714	1,443	52	59	111	38	53	91	0	0	0	819	826	1,645	999	1,005	2,004
Orillia.....	1,068	915	1,983	48	54	102	5	101	106	7	1	8	1,128	1,071	2,199	1,236	1,157	2,393
Penetang.....	363	240	603	2	0	2	8	16	24	0	0	0	373	256	629	413	281	694
Toronto.....	606	601	1,207	45	33	78	9	30	39	0	0	0	660	664	1,324	873	853	1,726
Whitby.....	758	874	1,632	79	88	167	28	47	75	0	0	0	805	1,009	1,874	1,121	1,317	2,438
Woodstock.....	625	589	1,214	46	23	69	0	0	0	0	0	0	671	612	1,283	794	692	1,486
ALL HOSPITALS.....	7,235	6,934	11,169	439	531	970	156	403	559	12	2	14	7,842	7,870	15,712	9,528	9,471	18,999*

*This figure includes 502 transfers. Actual number of patients under supervision or treatment during the year was 18,497

TABLE No. 4
MOVEMENT OF PATIENT POPULATION

PATIENT POPULATION	ALL HOSPITALS		BROCKVILLE		COBOURG		FORT WILLIAM		HAMILTON		KINGSTON		LANGSTAFF	
	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.
In Boarding Homes at beginning of year	171	335 506	15	22 37	0	26 26	0	0 0	11	22 33	22	48 70	1	0 1
Placed in Boarding Homes during year	127	363 490	1	7 8	0	25 25	0	0 0	4	2 6	6	23 29	0	0 0
Returned from Boarding Homes during year	138	288 426	3	4 7	0	22 22	0	0 0	8	10 18	12	31 43	1	0 1
Discharged while in Boarding Homes	3	6 9	0	0 0	0	3 3	0	0 0	0	0 0	0	0 0	0	0 0
Died while in Boarding Homes	1	1 2	0	0 0	0	1 1	0	0 0	0	0 0	0	0 0	0	0 0
Remaining in Boarding Homes at end of year	156	403 559	13	25 38	0	25 25	0	0 0	7	14 21	16	40 56	0	0 0
Daily Average in Boarding Homes	159	370 529	15	23 38	0	25 25	0	0 0	8	17 25	18	43 61	0	0 0
On Probation at the beginning of year	442	524 966	31	52 83	0	71 71	12	0 12	52	65 117	18	27 45	5	0 5
Placed on Probation during year	1,272	1,496 2,768	72	93 165	0	146 146	29	0 29	132	164 296	59	74 133	4	0 4
Returned from Probation during year	565	655 1,220	17	37 54	0	99 99	11	0 11	32	42 74	19	24 43	4	0 4
Discharged while on Probation	706	818 1,524	52	68 120	0	44 44	18	0 18	103	110 213	28	53 81	2	0 2
Died while on Probation	4	16 20	1	0 1	0	0 0	0	0 0	0	5 5	0	1 1	0	0 0
Remaining on Probation at the end of year	439	531 970	33	40 73	0	74 74	12	0 12	49	72 121	30	23 53	3	0 3
Daily Average on Probation	438	533 971	38	51 89	0	72 72	11	0 11	11	13 24	24	28 52	3	0 3

IN BOARDING HOMES

ON PROBATION

TABLE No. 4 —(Concluded)
MOVEMENT OF PATIENT POPULATION

PATIENT POPULATION	LONDON		New Toronto		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.
In Boarding Homes at beginning of year	22	58 80	49	46 95	0	11 11	8	20 28	10	32 42	33	50 83	0	0 0
Placed in Boarding Homes during year	42	43 85	23	49 72	7	133 140	0	2 2	6	28 34	38	51 89	0	0 0
Returned from Boarding Homes during year	31	49 80	34	41 75	2	43 45	0	6 6	6	29 35	41	53 94	0	0 0
Discharged while in Boarding Homes	1	0 1	0	1 1	0	0 0	0	0 0	1	1 2	1	1 2	0	0 0
Died while in Boarding Homes	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	1	0 1	0	0 0
Remaining in Boarding Homes at end of year	32	52 84	38	53 91	5	101 106	8	16 24	9	30 39	28	47 75	0	0 0
Daily Average in Boarding Homes	26	53 79	43	50 93	2	65 67	8	16 24	9	28 37	30	50 80	0	0 0
On Probation at the beginning of year	57	65 122	44	43 87	56	36 92	4	1 5	43	53 96	90	85 175	30	26 56
Placed on Probation during year	150	214 364	113	129 242	271	211 482	15	3 18	98	94 192	179	250 429	150	118 268
Returned from Probation during year	55	90 145	22	10 32	232	152 384	6	2 8	26	33 59	52	79 131	89	87 176
Discharged while on Probation	111	121 232	83	103 186	46	41 87	11	2 13	69	78 147	138	167 305	45	31 76
Died while on Probation	1	3 4	0	0 0	1	0 1	0	0 0	1	3 4	0	1 1	0	0 3
Remaining in Boarding Homes at end of year	40	65 105	52	59 111	48	54 102	2	0 2	45	33 78	79	88 167	46	23 69
Daily Average on Probation	62	76 138	47	53 100	63	58 121	6	3 9	38	37 75	91	108 199	44	34 78

IN BOARDING HOMES

ON PROBATION

TABLE No. 5
CHANGES IN PATIENT POPULATION
APRIL 1st, 1941 TO MARCH 31st, 1942

HOSPITALS	PATIENTS IN HOSPITAL			PATIENTS ON PROBATION			PATIENTS BOARDING-OUT			ELOPED AND NOT DISCHARGED			TOTAL ON BOOKS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	Brockville	-13	+22	+9	+2	-12	-10	-2	+3	+1	0	0	0	-13	+13	0
Cobourg	0	+67	+67	0	+3	+3	0	-1	-1	0	-3	-3	0	+66	+66
Fort William	+20	0	+20	0	0	0	0	0	0	0	0	0	+20	0	+20
Hamilton	+11	+40	+51	-3	+7	+4	-4	-8	-12	+1	0	+1	+5	+39	+44
Kingston	+6	-4	+2	+12	-4	+8	-6	-8	-14	0	0	0	+12	-16	-4
Langstaff	+5	0	+5	-2	0	-2	-1	0	-1	+1	0	+1	+3	0	+3
London	+6	-6	0	-17	0	-17	+10	-6	+4	0	0	0	-1	-12	-13
New Toronto	+25	+7	+32	+8	+16	+24	-11	+7	-4	0	0	0	+22	+30	+52
Orillia	+41	-68	-27	-8	+18	+10	+5	+90	+95	0	-3	-3	+38	+37	+75
Pencang	+10	+38	+48	-2	-1	-3	0	-4	-4	0	0	0	+8	+33	+41
Toronto	-1	-7	-8	+2	-20	-18	-1	-2	-3	0	0	0	0	-29	-29
Whitby	+3	+1	+4	-11	+3	-8	-5	-3	-8	0	0	0	-13	+1	-12
Woodstock	-14	-1	-15	+16	-3	+13	0	0	0	0	0	0	+2	-4	-2
ALL HOSPITALS	+99	+89	+188	-3	+7	+4	-15	+68	+53	+2	-6	-4	+83	+158	+241

TABLE No. 6
SUMMARY OF PATIENT POPULATION
YEAR ENDING MARCH 31, 1942

DIAGNOSIS	ADMISSIONS						DISCHARGES						DEATHS						PATIENTS IN RESIDENCE*																																																				
	First Admissions			Re-Admissions			First Admissions			Re-Admissions			First Admissions			Re-Admissions			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.																						M.	F.	T.																						M.	F.
01. With Syphilitic Meningo-Encephalitis.	72	22	94	14	5	19	35	15	50	7	3	10	36	8	44	4	2	6	423	93	516																																																		
02. With Other forms of Syphilis.	6	2	8	0	0	1	1	2	3	0	1	1	2	0	2	0	2	2	22	13	35																																																		
03. With Epidemic Encephalitis.	2	2	4	0	1	1	1	2	3	0	1	1	2	0	2	0	2	2	20	11	31																																																		
04. With Other Infectious Diseases.	2	5	7	0	0	0	2	1	3	0	0	0	3	1	4	0	0	0	2	7	9																																																		
05. Alcoholic Psychoses.	29	8	37	6	1	7	28	4	32	5	0	5	1	1	2	1	0	1	45	11	56																																																		
06a. Due to Opium and Other Drugs	1	3	4	1	0	1	3	13	16	2	3	5	0	1	2	0	0	0	0	3	3																																																		
06b. Due to Other Exogenous Toxins	3	5	8	0	1	1	1	4	5	0	1	1	1	1	2	0	0	0	1	4	6																																																		
07. Traumatic Psychoses.	7	1	8	0	0	0	7	1	8	0	0	0	0	1	1	0	0	0	1	1	19																																																		
08. With Cerebral Arteriosclerosis	115	94	209	9	13	22	37	25	62	2	7	9	81	65	146	6	3	9	200	179	379																																																		
09. With Other Disturbances of Circulation	10	15	25	0	1	1	4	8	12	0	0	0	3	6	9	0	0	0	6	10	16																																																		
10. With Convulsive Disorders (Epilepsy)	21	13	34	10	6	16	18	10	28	8	5	13	9	8	17	4	1	5	210	185	395																																																		
11. Senile Psychoses.	99	118	217	7	7	14	17	8	25	6	10	16	75	91	166	4	2	6	153	262	415																																																		
12. Involutional Psychoses.	23	75	98	6	17	23	28	58	86	6	10	16	8	11	19	1	2	3	66	199	265																																																		
13. Due to other Metabolic, etc. Diseases	11	29	40	1	4	5	3	22	25	0	1	1	4	11	15	0	2	2	9	53	62																																																		
14. Due to other Growth.	0	4	4	0	1	1	0	1	1	0	0	0	1	2	3	0	1	1	0	0	2																																																		
15. With Organic Changes of Nervous System	7	4	11	2	0	2	2	1	3	0	0	0	11	5	16	1	1	2	27	20	47																																																		
16. Psychoneuroses.	42	73	115	3	15	18	43	62	105	7	16	23	0	3	3	2	0	2	38	60	98																																																		
17. Manic-Depressive Psychoses	99	175	274	68	114	182	109	170	279	78	95	173	9	31	40	2	11	13	468	645	1,113																																																		
18. Dementia Praecox (Schizophrenia)	258	231	489	126	112	238	231	137	368	49	47	96	69	71	140	13	19	32	3,418	3,333	6,751																																																		
19. Paranoia and Paranoid Conditions	19	16	35	3	3	6	12	4	16	1	2	4	1	7	8	0	0	0	127	108	235																																																		
20. With Psychopathic Personality	4	2	6	3	3	6	3	1	4	2	2	4	1	7	8	0	0	0	16	12	28																																																		
21. With Mental Deficiency	34	30	64	11	12	23	12	19	31	5	6	11	8	4	12	0	2	2	307	300	607																																																		
22. Undiagnosed Psychoses.	13	23	36	0	1	1	9	12	21	1	0	1	2	2	4	0	0	0	11	25	36																																																		
231a. Epileptics not Psychotic or Feeble-minded	29	10	39	4	4	8	0	0	0	0	0	0	2	0	2	0	0	0	65	47	112																																																		
231b. Epileptics who are Feeble-minded	24	15	39	2	3	5	5	5	10	0	0	0	5	4	9	0	1	1	212	242	454																																																		
232. Alcoholism	21	2	23	7	1	8	2	2	4	0	0	0	1	1	2	0	0	0	12	3	15																																																		
233. Drug Addiction	3	2	5	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2																																																		
234. Mental Deficiency	180	207	387	21	15	36	207	357	387	32	30	62	32	30	62	2	2	4	1,483	1,496	2,979																																																		
235. Disorders of Personality	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	7																																																		
236. Psychopathic Personality	14	0	14	0	1	1	0	1	1	0	0	0	0	1	1	0	0	0	19	2	21																																																		
237. Other Non-Psychotic Conditions	7	3	10	3	1	4	3	1	4	0	0	0	0	1	1	0	0	0	6	2	8																																																		
24. Primary Behaviour Disorders	8	3	11	3	1	4	3	1	4	0	0	0	0	0	0	0	0	0	3	3	6																																																		
25. Without Mental Disorder	11	2	13	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1																																																		
TOTAL 1-22.	877	950	1,827	270	317	587	607	578	1,185	173	201	374	326	330	656	38	46	84	5,587	5,536	11,123																																																		
TOTAL 23-25.	299	244	543	43	26	69	193	162	355	33	24	57	39	35	74	2	3	5	1,804	1,801	3,605																																																		
GRAND TOTAL.	1,176	1,194	2,370	313	343	656	800	740	1,540	206	225	431	365	365	730	40	49	89	7,391	7,337	14,728																																																		

* Includes patients boarding-out.

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 7
PLACE OF RESIDENCE (COUNTY OR DISTRICT) OF
FIRST ADMISSIONS, RE-ADMISSIONS AND PATIENTS IN RESIDENCE

COUNTY OR DISTRICT	FIRST ADMISSIONS			RE-ADMISSIONS			IN RESIDENCE*†		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Addington	-	-	-	1	-	1	11	1	12
Algoma	21	13	34	2	-	2	100	95	195
Brant	3	21	24	-	8	8	85	101	186
Bruce	7	9	16	1	1	2	65	80	145
Carleton	17	22	39	10	22	32	344	391	735
Cochrane	69	64	133	1	-	1	149	75	224
Dufferin	2	7	9	2	2	4	21	33	54
Dundas	6	3	9	1	1	2	22	23	45
Durham	15	6	21	2	2	4	49	48	97
Elgin	12	16	28	5	4	9	64	89	153
Essex	54	41	95	12	15	27	296	279	575
Frontenac	27	25	52	18	9	27	158	100	258
Glengarry	2	5	7	1	2	3	48	35	83
Grenville	9	9	18	1	1	2	49	43	92
Grey	20	11	31	8	4	12	121	103	224
Haldimand	6	9	15	2	1	3	39	38	77
Haliburton	1	-	1	-	2	2	9	4	13
Halton	6	8	14	1	5	6	44	38	82
Hastings	19	28	47	3	4	7	107	113	230
Huron	10	17	27	4	6	10	67	86	153
Kenora	13	1	14	1	1	2	42	12	54
Kent	13	18	31	5	2	7	130	115	245
Lambton	13	21	34	3	2	5	102	105	207
Lanark	5	12	17	6	9	15	74	72	146
Leeds	12	18	30	2	5	7	77	105	182
Lennox	5	5	10	-	1	1	37	40	77
Lincoln	17	21	38	2	3	5	98	91	189
Manitowlin	1	2	3	-	-	-	12	16	28
Middlesex	34	41	75	14	16	30	268	324	592
Muskoka	7	7	14	3	1	4	37	41	78
Nipissing	30	15	45	5	1	6	162	85	247
Norfolk	6	6	12	4	2	6	52	52	104
Northumberland	7	13	20	5	2	7	66	60	126
Ontario	26	27	53	7	6	13	100	96	196
Oxford	20	15	35	7	6	13	96	85	181
Parry Sound	13	8	21	1	1	2	78	63	141
Peel	9	9	18	1	-	1	47	52	99
Perth	9	10	19	5	7	12	84	96	180
Peterborough	14	25	39	5	2	7	57	85	142
Prescott	7	6	13	-	4	4	61	53	114
Prince Edward	2	1	3	-	-	-	31	29	60
Rainy River	8	6	14	-	2	2	37	30	67
Renfrew	15	15	30	4	2	6	120	118	238
Russell	2	1	3	1	3	4	47	31	78
Simcoe	32	21	53	2	8	10	200	202	402
Stormont	8	13	21	4	-	4	64	59	123
Sudbury	8	15	23	5	2	7	130	84	214
Thunder Bay	67	13	80	11	3	14	246	116	362
Timiskaming	20	17	37	6	6	12	107	61	168
Victoria	7	12	19	3	-	3	48	51	99
Waterloo	17	20	37	8	8	16	117	146	263
Welland	15	20	35	11	12	23	128	130	258
Wellington	15	11	26	6	9	15	132	112	244
Wentworth	56	56	112	16	25	41	421	400	821
York	284	369	653	77	101	178	1,969	2,301	4,270
Patricia	-	-	-	-	-	-	-	-	-
Other Provinces	14	4	18	6	1	7	36	11	47
Other Countries	5	-	5	1	1	2	6	8	14
Unascertained*	34	6	40	1	-	1	24	15	39
TOTAL	1,176	1,194	2,370	313	343	656	7,391	7,337	14,728

*Includes Armed Forces

†Includes Patients Boarding-Out

TABLE No. 8
RELIGION OF FIRST ADMISSIONS AND PATIENTS IN RESIDENCE

RELIGION	First Admissions			In Residence‡		
	Male	Female	Total	Male	Female	Total
Baptist	47	62	109	213	373	666
Church of England	216	267	483	1,278	1,502	2,780
Hebrew	18	24	42	143	163	306
Presbyterian	131	130	261	859	947	1,806
Roman Catholic	292	251	543	2,090	1,593	3,683
United Church	257	299	556	1,372	1,562	2,934
Lutheran	31	15	46	155	86	241
Greek Catholic	4	2	6	26	12	38
Methodist	0	0	0	14	0	14
Salvation Army	0	0	0	14	10	24
Other Denominations	111	85	196	693	753	1,446
Unascertained	69	59	128	454	336	790
TOTAL	1,176	1,194	2,370	7,391	7,337	14,728

‡Includes Patients Boarding-out

CHURCH SERVICES AND ATTENDANCE

CHURCH SERVICES	Number Held	Attendance		
		Male	Female	Total
Protestant	631	41,956	29,980	71,936
Catholic	495	14,528	5,094	19,622

TABLE No. 9
PATIENTS IN RESIDENCE* BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP																
	TOTAL		UNDER 10		10-14		15-19		20-24		25-29		30-34		35-39		
	M.	F.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
01. With Syphilitic Meningo-Encephalitis	423	93															
02. With other forms of Syphilis	22	13															
03. With Epidemic Encephalitis	29	31															
04. With other Infectious Diseases	2	17															
05. Alcoholic Psychoses	45	11															
06a. Due to Opium and Other Drugs	9	3															
06b. Due to other Exogenous Toxins	1	1															
07. Traumatic Psychoses	18	1															
08. With Cerebral Arteriosclerosis	200	179															
09. With other Disturbances of Circulation	210	185															
10. With Convulsive Disorders (Epilepsy)	153	202															
11. Senile Psychoses	66	199															
12. Involutional Psychoses	9	33															
13. Due to other Metabolic etc. Diseases	0	2															
14. Due to New Growth	27	20															
15. With Organic Changes of Nervous System	38	60															
16. Psychoneuroses	468	645															
17. Manic-Depressive Psychoses	3,418	3,353															
18. Dementia Praecox (Schizophrenia)	127	108															
19. Paranoia and Paranoid Conditions	16	12															
20. With Psychopathic Personality	307	300															
21. With Mental Deficiency	11	25															
22. Undiagnosed Psychoses	65	47															
23a. Epileptics not Psychotic or Feeble-minded	212	242															
23b. Epileptics who are Feeble-minded	12	3															
232. Alcoholism	0	2															
233. Drug Addiction	1,483	1,496															
234. Mental Deficiency	3	4															
235. Disorders of Personality	19	2															
236. Psychopathic Personality	6	2															
237. Other Non-psychotic Conditions	3	3															
24. Primary Behaviour Disorders	1	0															
25. Without Mental Disorder	5,587	5,536															
Total 1-22	1,804	1,801															
Total 23-25	7,391	7,337															
GRAND TOTAL																	

*Includes patients boarding-out.

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 9—(Concluded)
PATIENTS IN RESIDENCE* BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP												70 and Over			Unascertained											
	40-44		45-49		50-54		55-59		60-64		65-69		70 and Over		Unascertained												
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.	M.	F.	T.									
01. With Syphilitic Meningo-Encephalitis	79	16	95	85	18	103	87	14	101	59	13	72	40	2	42	14	1	15	4	3	7						
02. With Other forms of Syphilis	4	3	7	5	4	9	3	2	5	8	1	3	1	2	5	2	0	2									
03. With Epidemic Encephalitis	4	1	5	5	0	5	1	0	1	2	0	2															
04. With Other Infectious Diseases	0	2	2	3	1	4	6	1	7	5	2	7	7	0	7	6	1	7	2	1	3						
05. Alcoholic Psychoses	5	1	6	3	1	4																					
06a. Due to Opium and Other Drugs	0	1	1	0	1	1																					
06b. Due to Other Exogenous Toxins	0	1	1	1	2	3																					
07. Traumatic Psychoses	0	1	1	0	2	2	8	6	14	21	10	31	42	40	82	43	0	83	85	80	163	1	0	1			
08. With Cerebral Arteriosclerosis	0	1	1	0	2	2	0	2	2	2	0	1	2	2	4	12	1	8	2	1	3						
09. With Other Disturbances of Circulation	0	1	1	0	1	1	2	2	2	2	2	4	8	14	22	26	27	53	115	219	334	1	0	1			
10. With Convulsive Disorders (Epilepsy)	32	22	54	28	24	52	22	26	48	23	14	37	8	14	22	22	26	97	115	219	334	1	0	1			
11. Senile Psychoses	1	12	13	5	19	24	1	0	1	2	2	4	14	42	56	13	15	28	4	19	23	0	1	1			
12. Involutional Psychoses	0	9	9	3	5	8	7	43	50	1	9	10	1	1	1	2	1	2	3	0	3	3					
13. Due to other Metabolic, etc. Diseases	1	1	2	6	2	8	5	1	6	4	2	6	0	2	3	5	0	3	3	3	2	5					
14. Due to New Growth	1	7	12	5	5	10	0	12	12	4	10	14	1	4	5	4	0	4	0	4	0	2					
15. With Organic Changes of Nervous System	5	7	12	5	7	12	57	92	149	75	111	186	71	86	157	43	63	106	33	68	101						
16. Psychoneuroses	39	51	90	57	71	128	57	92	149	329	393	722	228	303	531	163	242	403	106	243	349	2	18	20			
17. Manic-Depressive Psychoses	458	406	864	429	454	883	399	432	831	13	21	34	16	18	34	14	13	27	12	11	23						
18. Dementia Praecox (Schizophrenia)	13	5	18	20	12	32	18	23	41	12	2	3	1	0	1				1	0	1						
19. Paranoia and Paranoid Conditions	3	0	3	0	5	5	1	1	2	2	1	3	1	0	1				12	16	28	7	1	0	1		
20. With Psychopathic Personality	39	38	77	35	28	63	31	34	65	35	26	61	19	23	42	12	16	28	7	11	18	1	0	1			
21. With Mental Deficiency	4	5	9	0	6	6	0	0	1	2	4	6	1	2	3	0	1	1	0	1	1						
22. Undiagnosed Psychoses																											
231a. Epileptics not Psychotic or Feeble-minded	4	5	9	2	1	3	2	1	3	5	1	6	4	3	7	6	1	7	1	0	1						
231b. Epileptics who are Feeble-minded	8	22	30	10	14	24	5	10	15	2	2	4	3	3	6	1	1	2	0	1	1						
232. Alcoholism	4	0	4	2	1	3				2	0	2	2	0	1	1	0	1	0	1	1						
233. Drug Addiction										4	0	1															
234. Mental Deficiency	87	89	176	77	70	147	50	66	116	40	60	100	35	36	71	16	21	37	12	20	32	1	1	2			
235. Disorders of Personality	2	0	2	0	1	1	1	1	1	1	0	1	3	1	4												
236. Psychopathic Personality	2	0	2																								
237. Other Non-Psychotic Conditions	2	0	2	2	0	2	2	0	2	0	1	1															
24. Primary Behaviour Disorders	1	0	1							0	1	1															
25. Without Mental Disorder																											
TOTAL 1-22	687	582	1,269	689	661	1,350	650	697	1,347	596	663	1,259	472	557	1,029	355	431	786	386	674	1,060	5	9	14			
TOTAL 23-25	110	116	226	91	87	178	60	78	138	50	65	115	46	44	90	24	25	49	13	23	36	1	2	3			
GRAND TOTAL	797	698	1,495	780	748	1,528	710	775	1,485	646	728	1,374	518	601	1,119	379	456	835	399	692	1,096	6	21	27			

*Includes patients boarding-out.

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 10
PATIENTS IN RESIDENCE BY HOSPITAL AND AGE*

AGE GROUP	TOTAL		BROCKVILLE		COBURG		FORT WILLIAM		HAMILTON		KINGSTON		LANGSTAFF			
	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.		
Under 15.....	353	224	0	0	0	0	1	0	1	0	0	0	0	0	0	0
15-19.....	400	361	4	3	0	61	1	0	1	15	6	21	7	8	15	1
20-24.....	440	390	22	30	0	76	7	0	7	30	16	46	24	14	38	8
25-29.....	565	460	49	22	0	52	12	0	12	44	30	74	38	16	54	18
30-34.....	652	557	48	39	0	35	10	0	10	68	48	116	52	30	82	27
35-39.....	746	621	60	56	0	33	10	0	10	78	50	128	58	45	103	50
40-44.....	797	698	72	63	0	26	14	0	14	82	87	169	74	64	138	65
45-49.....	780	748	62	68	0	24	13	0	13	98	99	197	83	63	146	43
50-54.....	710	775	64	79	0	21	7	0	7	91	85	176	66	72	138	47
55-59.....	646	728	54	59	0	42	8	0	8	84	77	161	63	76	139	40
60-64.....	518	601	51	42	0	23	9	0	9	60	61	121	60	77	137	24
65-69.....	379	456	26	45	0	23	5	0	5	52	71	123	36	29	65	17
70 and Over.....	399	697	46	62	0	43	3	0	3	65	98	163	36	58	94	6
Not Stated.....	6	21	1	5	0	0	0	0	0	0	0	0	0	0	0	0
ALL AGES.....	7,391	7,337	559	573	0	459	100	0	100	767	728	1,495	597	552	1,149	346

*Includes patients boarding-out.

TABLE No. 10—(Concluded)
PATIENTS IN RESIDENCE BY HOSPITAL AND AGE*

AGE GROUP	LONDON		NEW TORONTO		ORILLIA		PENETANG		TORONTO		WHITBY		WOODSTOCK					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
Under 15.....	0	1	1	0	0	0	338	215	553	0	0	0	1	0	0	13	8	21
15-19.....	10	3	13	12	9	21	282	235	517	31	4	35	5	4	9	26	19	45
20-24.....	20	15	35	42	19	61	169	139	308	38	10	48	19	17	36	35	37	72
25-29.....	45	33	78	72	35	107	95	105	200	28	22	50	35	38	73	60	60	120
30-34.....	74	59	133	75	72	147	60	83	143	52	25	77	55	42	97	68	65	133
35-39.....	72	78	150	89	70	159	41	59	100	58	20	78	73	67	140	85	78	163
40-44.....	91	89	180	98	78	176	30	36	66	28	22	50	86	69	155	90	91	181
45-49.....	97	98	195	85	96	181	21	30	51	38	34	72	82	63	145	83	110	203
50-54.....	82	100	182	79	81	160	14	29	43	44	38	82	69	83	152	91	126	217
55-59.....	83	101	184	73	93	166	11	31	42	26	40	66	68	74	142	83	100	183
60-64.....	74	78	152	64	81	145	7	25	32	14	28	42	41	55	96	76	101	177
65-69.....	64	69	133	41	54	95	3	13	16	8	10	18	34	37	71	57	69	126
70 and Over.....	73	121	194	35	67	102	1	15	16	6	3	9	46	82	128	47	113	160
Not Stated.....	0	0	0	2	12	14	1	1	2	0	0	0	1	0	1	0	1	1
ALL AGES.....	785	845	1,630	767	767	1,534	1,073	1,016	2,089	371	256	627	615	631	1,246	786	921	1,707

*Includes patients boarding-out

TABLE No. 11
PATIENTS IN RESIDENCE BY HOSPITAL AND DIAGNOSIS

DIAGNOSIS	TOTAL		BROCKVILLE		COBOURG		FORT WILLIAM		HAMILTON		KINGSTON		LANGSTAFF							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.						
01. With Syphilitic Meningo-Encephalitis	423	93	50	11	61	0	1	1	7	0	7	64	12	76	23	6	29	5	0	5
02. With other forms of Syphilis	22	13	0	2	2															
03. With Epidemic Encephalitis	20	11	1	1	2										4	0	4			
04. With other Infectious Diseases	2	7																		
05. Alcoholic Psychoses	45	11	1	1	2	0	1	1	2	0	2	6	1	7				4	0	4
06a. Due to Opium and Other Drugs	0	3																		
06b. Due to other Exogenous Toxins	1	4																		
07. Traumatic Psychoses	18	1	2	0	2							1	2	3	0	1	1			
08. With Cerebral Arteriosclerosis	200	179	23	13	36	0	2	2	5	0	5	43	56	99	12	2	14	3	0	3
09. With other Disturbances of Circulation	210	185	3	1	4				2	0	2				5	10	2			
10. With Convulsive Disorders (Epilepsy)	153	262	22	30	52	0	8	8	2	4	0	21	30	51	19	30	49			
11. Senile Psychoses	66	199	8	16	24	0	3	3				7	30	37	5	9	14	2	0	2
12. Involutional Psychoses	9	53	0	5	5							2	11	13	0	2	2			
13. Due to other Metabolic, etc. Diseases	0	2										0	1	1	0	1	1			
14. Due to New Growth	27	20	3	1	4							0	1	4	5	5	5			
15. With Organic Changes of Nervous System	38	60	2	13	15				4	0	4	3	2	5	11	14	25	2	0	2
16. Psychoneuroses	468	645	33	68	101	0	7	7	3	0	3	40	62	102	65	71	136	14	0	14
17. Manic-Depressive Psychoses	3,418	3,333	334	345	679	0	130	130	52	0	52	424	420	814	295	310	605	227	0	227
18. Dementia Praecox (Schizophrenia)	127	108	6	4	10	0	3	3	4	0	4	12	6	18	35	11	46	7	0	7
19. Paranoia and Paranoid Conditions	16	12	28												3	1	4	1	0	1
20. With Psychopathic Personality	307	300	32	31	63	0	18	18	4	0	4	44	41	85	45	40	85	25	1	25
21. With Mental Deficiency	11	25	0	1	1							0	2	2	0	3	3			
22. Undiagnosed Psychoses																				
231a. Epileptics not Psychotic or Feeble-minded	65	47	0	2	2							1	0	1	2	0	2			
231b. Epileptics who are Feeble-minded	212	242	2	1	3				1	0	1				2	0	2			
232. Alcoholism	12	3	1	1	2							2	0	2	1	0	1			
233. Drug Addiction	0	2										0	0	1						
231. Mental Deficiency	1,483	1,496	33	23	56	0	286	286	10	0	10	78	43	121	62	41	103	52	0	52
235. Disorders of Personality	3	4										0	1	1						
236. Psychopathic Personality	19	2	2	0	2							1	1	2	3	0	3			
237. Other Non-Psychotic Conditions	6	2																		
24. Primary Behaviour Disorders	3	3	0	1	1										1	0	1			
25. Without Mental Disorder	1	0													1	0	1			
Total 1-22	5,587	5,536	521	545	1,066	0	173	173	89	0	89	685	682	1,367	525	511	1,036	293	0	293
Total 23-25	1,804	1,801	38	28	66	0	286	286	11	0	11	82	46	128	72	41	113	53	0	53
GRAND TOTAL	7,391	7,337	559	573	1,132	0	459	459	100	0	100	767	728	1,495	597	552	1,149	346	0	346

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 11—(Concluded)
PATIENTS IN RESIDENCE BY HOSPITAL AND DIAGNOSIS

DIAGNOSIS	LONDON		NEW TORONTO		ORILLIA		PENETANG		TORONTO		WHITBY		WOODSTOCK	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
01. With Syphilitic Meningo-Encephalitis	62	9	71	4	63	1	0	4	0	141	30	47	43	13
02. With other forms of Syphilis	3	2	5	3	8	1	0	0	0	18	7	2	1	2
03. With Epidemic Encephalitis	3	6	9	3	12	0	0	2	2	2	6	4	1	3
04. With other Infectious Diseases	4	0	4	0	4	0	2	2	0	2	1	1	0	1
05. Alcoholic Psychoses	0	1	1	0	2	0	2	0	6	2	8	12	1	0
06a. Due to Opium and Other Drugs	0	1	1	0	1	0	0	0	1	0	1	4	0	1
06b. Due to other Exogenous Toxins	3	17	43	1	33	1	0	1	0	1	0	4	4	0
07. Traumatic Psychoses	26	14	40	21	12	1	0	1	38	49	87	15	13	6
08. With Cerebral Arteriosclerosis	0	1	1	0	1	1	0	1	0	2	2	1	5	1
09. With other Disturbances of Circulation	11	3	14	3	6	2	2	4	14	4	18	3	2	0
10. With Convulsive Disorders (Epilepsy)	25	43	68	23	42	63	5	2	7	10	34	21	154	148
11. Senile Psychoses	4	30	34	5	35	40	0	2	2	18	18	23	3	2
12. Involutional Psychoses	4	12	16	0	5	5	0	2	1	5	6	2	6	7
13. Due to other Metabolic, etc. Diseases	7	5	12	0	1	1	0	0	3	5	15	3	4	7
14. Due to New Growth	2	14	16	0	1	1	0	1	10	5	15	3	7	4
15. With Organic Changes of Nervous System	76	131	207	89	76	165	0	1	6	3	9	7	1	3
16. Psychonoses	445	485	930	449	465	914	1	2	35	23	58	69	135	204
17. Manic-Depressive Psychoses	15	10	25	18	20	38	0	0	165	122	257	502	517	1,019
18. Dementia Praecox (Schizophrenia)	45	34	81	20	21	49	1	19	7	3	10	16	44	60
19. Paranoia and Paranoid Conditions	45	37	82	20	21	49	1	19	5	0	5	1	0	4
20. With Psychopathic Personality	3	7	10	5	7	12	0	1	15	9	24	27	31	58
21. With Mental Deficiency	1	0	1	0	1	1	0	0	3	0	3	8	0	8
22. Undiagnosed Psychoses	41	30	71	65	42	107	111	107	218	8	0	8	3	6
231a. Epileptics not Psychotic or Feeble-minded	0	1	1	0	1	1	0	3	3	6	1	2	1	2
231b. Epileptics who are Feeble-minded	0	1	1	0	1	1	0	3	1	2	3	7	2	9
232. Alcoholism	41	30	71	65	42	107	956	886	1,842	96	81	177	20	17
233. Drug Addiction	0	1	1	0	1	1	0	0	0	18	37	38	29	67
234. Mental Deficiency	2	0	2	2	0	2	8	0	8	1	0	1	1	0
235. Disorders of Personality	0	1	1	0	1	1	0	0	0	2	0	2	1	0
236. Psychopathic Personality	0	1	1	0	1	1	0	0	0	1	1	1	1	0
237. Other Non-Psychotic Conditions	0	1	1	0	1	1	0	0	0	2	7	1	1	0
238. Primary Behaviour Disorders	0	1	1	0	1	1	0	0	0	5	2	1	1	0
239. Without Mental Disorder	0	1	1	0	1	1	0	0	0	1	2	1	1	0
24. Primary Behaviour Disorders	741	814	1,555	702	724	1,426	5	23	28	255	170	425	755	899
25. Without Mental Disorder	44	31	75	65	43	108	1,008	993	2,061	116	86	202	31	22
Total 1-22	785	845	1,630	767	767	1,534	1,073	1,016	2,089	615	631	1,246	786	921
Total 23-25	44	31	75	65	43	108	1,008	993	2,061	40	23	63	31	22
GRAND TOTAL	829	876	1,705	832	810	1,642	2,081	2,015	4,150	655	654	1,309	817	943

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 12
METHOD OF ADMISSION BY HOSPITAL

METHOD OF ADMISSION	TOTAL		BROCKVILLE		COBOURG		FORT WILLIAM		HAMILTON		KINGSTON		LANCASTER	
	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.
Voluntary Application.....	80	71 151	5	2 7	0	41 41	3	0 3	2	3 5	7	2 9		
Two Physician's Certificates.....	760	973 1,733	63	95 158	0	3 3	35	0 35	91	141 232	77	73 150		
Warrant of Deputy Minister.....	192	74 266	0	1 1	0	3 3	33	0 33	22	7 29	2	0 2		
Warrant of Lieutenant-Governor.....	45	37 82	0	0	0	11 11	2	0 2	5	0 5	0	0 0		
Order of Magistrate.....	58	5 63	2	0 2	0	0	14	0 14	9	0 9	6	0 6		
Warrant of Minister of Justice.....	5	0 5	0	0	0	0	0	0 0	0	0 0	2	0 2		
Warrant of Deputy Minister for Person Deported.....	4	9 13	0	0	0	0	0	0 0	0	0 0	0	0 0		
Habitue-Voluntary.....														
Habitue-Temporary Commitment.....														
Habitue-Warrant of Deputy Minister for Removal.....	22	2 24	0	0	0	0	0	0 0	2	0 2	1	0 1		
Inspector's Warrant.....	10	23 33	0	0	0	0	0	0 0	0	0 0	0	0 0		
TOTAL.....	1,176	1,194 2,370	70	98 168	0	55 55	87	0 87	131	151 282	95	75 170	0	0 0
Voluntary Application.....	50	49 99	7	5 12	0	6 6	0	0 0	2	0 2	8	5 13		
Two Physician's Certificates.....	189	269 458	15	32 47	0	2 2	10	0 10	45	69 114	17	18 35		
Warrant of Deputy Minister.....	46	18 64	0	0	0	0	1	0 1	7	3 10	2	0 2		
Warrant of Lieutenant-Governor.....	10	0 10	0	0	0	0	0	0 0	2	0 2	1	0 1		
Order of Magistrate.....	5	1 6	1	0 1	0	0	1	0 1	2	1 3	1	0 1		
Warrant of Minister of Justice.....														
Warrant of Deputy Minister for Person Deported.....	4	3 7	2	1 3	0	0	0	0 0	1	1 2	0	0 0		
Habitue-Voluntary.....														
Habitue-Temporary Commitment.....	0	1 1	0	0	0	0	0	0 0	0	0 0	0	0 0		
Habitue-Warrant of Deputy Minister for Removal.....	5	1 6	1	0 1	0	0	0	0 0	0	0 0	0	0 0		
Inspector's Warrant.....	4	1 5	0	0	0	0	0	0 0	0	0 0	0	0 0		
TOTAL.....	313	343 656	25	38 63	0	8 8	12	0 12	59	74 133	26	23 49	0	0 0

First Admissions

Re-Admissions

TABLE No. 12 — (Concluded)
METHOD OF ADMISSION BY HOSPITAL

METHOD OF ADMISSION	LONDON		NEW TORONTO		ORILLIA		PENEFANG		TORONTO		WHITBY		WOODSTOCK	
	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.
Voluntary Application	10	17 27	6	8 14	109	101 210	11	4 15	13	4 17	25	33 58	9	2 11
Two Physician's Certificates	92	130 222	62	105 167	1	0 1	0	1 1	79	83 162	99	173 272	42	27 69
Warrant of Deputy Minister	13	8 21	85	48 133	21	17 38	6	0 6	20	4 24	15	1 16	1	1 2
Warrant of Lieutenant-Governor	3	0 3	4	4 8	0	1 1	3	0 3	3	5 8	5	0 5	1	0 1
Order of Magistrate	20	2 22	2	2 4	0	1 1	0	0 0	0	0 0	0	0 0	0	0 0
Warrant of Minister of Justice														
Warrant of Deputy Minister for Person Deported														
Habitue-Voluntary	3	7 10	0	2 2										
Habitue-Voluntary														
Habitue-Temporary Commitment														
Habitue-Warrant of Deputy Minister for Removal	2	0 2	2	0 2					1	0 1	14	2 16		
Inspector's Warrant					2	1 3			4	9 13	4	13 17		
TOTAL	143	164 307	161	169 330	133	120 253	20	5 25	120	105 225	163	222 385	53	30 83
Voluntary Application	8	11 19	2	0 2					5	3 8	16	25 41	2	0 2
Two Physician's Certificates	42	43 85	10	24 34	7	1 8	1	2 3	17	27 44	30	37 67	5	10 15
Warrant of Deputy Minister	5	0 5	10	8 18					6	1 7	6	3 9	2	1 3
Warrant of Lieutenant-Governor	3	0 3	1	0 1					1	0 1	2	0 2		
Order of Magistrate														
Warrant of Minister of Justice														
Warrant of Deputy Minister for Person Deported														
Habitue-Voluntary														
Habitue-Voluntary														
Habitue-Temporary Commitment									0	1 1				
Habitue-Warrant of Deputy Minister for Removal									2	0 2	1	1 2	4	1 5
Inspector's Warrant														
TOTAL	58	54 112	25	32 57	7	1 8	1	2 3	31	32 63	60	67 127	9	12 21

First Admissions

Re-Admissions

TABLE No. 13
METHOD OF ADMISSION — FIRST AND RE-ADMISSIONS

METHOD OF ADMISSION	First Admissions			Re-Admissions		
	M.	F.	T.	M.	F.	T.
1. Voluntary Application (Sec. 19) (Form 1)...	80	71	151	50	49	99
2. Two Physician's Certificates (Sec. 20) Form 2, 3, or 26).....	760	973	1,733	189	269	458
Mentally Ill (Form 2).....	593	790	1,383	151	236	387
Mentally Defective (Form 3).....	130	158	288	30	25	55
Epileptic (Form 26).....	37	25	62	8	8	16
3. Warrant of Deputy Minister (Sec. 25-30) (Form 11).....	192	74	266	46	18	64
4. Warrant of Lieutenant-Governor (Sec. 32)...	45	37	82	10	0	10
5. Order of Magistrate (Sec. 35) (Form 16)....	58	5	63	5	1	6
Certificated	20	2	22	1	1	2
Discharged to Court	38	3	41	4	0	4
6. Warrant of Minister of Justice (Under Penitentiary Act)	5	0	5	0	0	0
7. Warrant of Deputy Minister for person deported (Sec. 64) (Form 36).....	4	9	13	4	3	7
8. Habitue — Voluntary (Sec. 46) (Form 20)...	0	0	0	0	0	0
9. Habitue—Temporary Commitment Two Physician's Certificates, 30 days, (Sec. 52-53) (Form 25).....	0	0	0	0	1	1
Certificated	0	0	0	0	0	0
Discharged	0	0	0	0	1	1
Discharged	0	0	0	0	0	0
10. Habitue—Warrant of Deputy Minister for Removal (Sec. 47-51) (Form 24).....	22	2	24	5	1	6
11. Inspector's Warrant Psychiatric Hospitals Act (Sec. 9 (3))	10	23	33	4	1	5
Total	1,176	1,194	2,370	313	343	656

TABLE No. 14
ADMISSIONS BY PLACE OF BIRTH AND NATIVITY OF PARENTS

NATIVITY	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Canadian Born	862	925	1,787	245	247	492	1,107	1,172	2,279
Canadian born parents.....	444	459	903	133	147	280	577	606	1,183
British born parents.....	148	171	319	31	31	62	179	202	381
Foreign born parents.....	58	58	116	16	21	37	74	79	153
Mixed parentage	94	119	213	37	32	69	131	151	282
Unknown parentage	118	118	236	28	16	44	146	134	280
British born	147	159	306	37	59	96	184	218	402
Foreign born	156	103	259	30	33	63	186	136	322
Unknown	11	7	18	1	4	5	12	11	23
Total.....	1,176	1,194	2,370	313	343	656	1,489	1,537	3,026

TABLE No. 15
LENGTH OF RESIDENCE IN CANADA PREVIOUS TO ADMISSIONS
BRITISH AND FOREIGN BORN ADMISSIONS

LENGTH OF RESIDENCE IN CANADA	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Under 5 years.....	13	10	23	0	2	2	13	12	25
5 - 9 years	5	14	19	1	6	7	6	20	26
10 - 14 years	51	38	89	9	5	14	60	43	103
15 years and over	219	179	398	54	75	129	273	254	527
Not Stated	18	21	39	3	4	7	21	25	46
TOTAL	303	262	565	67	92	159	370	354	724

TABLE No. 16
ADMISSIONS BY CITIZENSHIP

CITIZENSHIP	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Canadian by birth.....	862	925	1,787	245	247	492	1,107	1,172	2,279
British born who have resided in Canada five years or more....	137	145	282	35	57	92	172	202	374
British born with less than five years residence in Canada.....	3	5	8	0	2	2	3	7	10
British born, length of residence unknown	6	15	21	2	2	4	8	17	25
Alien born (naturalized)	29	18	47	7	10	17	36	28	64
Alien born with five years or more residence in Canada.....	110	72	182	22	23	45	132	95	227
Alien born with less than five years residence.....	10	5	15	0	1	1	10	6	16
Alien born, duration of residence unknown	9	7	16	1	1	2	10	8	18
Not given	10	2	12	1	0	1	11	2	13
TOTAL	1,176	1,194	2,370	313	343	656	1,489	1,537	3,026

TABLE No. 17
FIRST ADMISSIONS AND RE-ADMISSIONS BY AGE AND SEX

AGE GROUP	First Admissions			Re-Admissions			Total Admissions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	63	45	108	0	0	0	63	45	108
10 - 14	63	40	103	2	1	3	65	41	106
15 - 19	88	108	196	15	11	26	103	119	222
20 - 24	100	88	188	36	16	52	136	104	240
25 - 29	87	104	191	37	43	80	124	147	271
30 - 34	94	102	196	39	39	78	133	141	274
35 - 39	100	103	203	23	50	73	123	153	276
40 - 44	89	80	169	31	34	65	120	114	234
45 - 49	76	91	167	28	29	57	104	120	224
50 - 54	63	84	147	28	32	60	91	116	207
55 - 59	87	77	164	22	31	53	109	108	217
60 - 64	59	61	120	16	25	41	75	86	161
65 - 69	56	53	109	13	15	28	69	68	137
70 and over	150	158	308	22	17	39	172	175	347
Not Stated	1	0	1	1	0	1	2	0	2
ALL AGES	1,176	1,194	2,370	313	343	656	1,489	1,537	3,026

TABLE No. 18
FIRST AND RE-ADMISSIONS BY DIAGNOSIS

DIAGNOSIS	FIRST ADMISSIONS			RE-ADMISSIONS		
	M.	F.	T.	M.	F.	T.
01 Psychoses with Syphilitic Meningo-Encephalitis (General Paresis)	72	22	94	14	5	19
02 Psychoses with other forms of Syphilis of Central Nervous System	6	2	8	0	0	0
021 Meningo-vascular type (cerebral syphilis)	3	1	4	—	—	—
022 With intracranial gumma	—	—	—	—	—	—
023 Other types	3	1	4	—	—	—
03 Psychoses with Epidemic Encephalitis	2	2	4	0	1	1
04 Psychoses with other Infectious Diseases	2	5	7	0	0	0
041 With tuberculous meningitis	—	—	—	—	—	—
042 With Meningitis (unspecified)	—	—	—	—	—	—
043 With acute chorea (Sydenham's)	0	1	1	—	—	—
044 With other infectious disease	2	1	3	—	—	—
045 Post-infectious psychoses	0	3	3	—	—	—
05 Alcoholic Psychoses	29	8	37	6	1	7
051 Pathological intoxication	1	0	1	1	0	1
052 Delirium tremens	3	0	3	—	—	—
053 Korsakow's psychosis	2	1	3	1	1	2
054 Acute hallucinosis	18	6	24	3	0	3
055 Other types	5	1	6	1	9	1
06 Psychoses due to Drugs or other Exogenous Poisons	4	8	12	1	1	2
061 Due to metals	—	—	—	—	—	—
062 Due to gases	—	—	—	1	0	1
063 Due to opium and derivatives	—	—	—	0	1	1
064 Due to other drugs	4	8	12	0	1	1
07 Traumatic Psychoses	7	1	8	0	0	0
071 Traumatic delirium	1	0	1	—	—	—
072 Post-traumatic Personality disorders	4	0	4	—	—	—
073 Post-traumatic mental deteriorations	1	1	2	—	—	—
074 Other types	1	0	1	—	—	—
08 Psychoses with Cerebral Arteriosclerosis	115	94	209	9	13	22
09 Psychoses with other Disturbances of Circulation	10	15	25	0	1	1
091 With cerebral embolism	3	0	3	—	—	—
092 With cardio-renal disease	2	6	8	—	—	—
093 Other types	5	9	14	0	1	1
10 Psychoses with Convulsive Disorders (epilepsy)	21	13	34	10	6	16
101 Epileptic deterioration	7	9	16	2	3	5
102 Epileptic clouded states	8	3	11	7	2	9
103 Other epileptic types	6	1	7	1	1	2
11 Senile Psychoses	99	118	217	7	7	14
111 Simple deterioration	73	77	150	5	5	10
112 Presbyophrenic type	0	2	2	1	0	1
113 Delirious and confused types	14	6	20	0	1	1
114 Depressed and agitated types	4	12	16	—	—	—
115 Paranoid types	8	21	29	1	1	2
12 Involutional Psychoses	23	75	98	6	17	23
121 Melancholia	16	56	72	4	11	15
122 Paranoid types	7	16	23	0	6	6
123 Other types	0	3	3	2	0	2
13 Psychoses due to other Metabolic, etc., Diseases	11	29	40	1	4	5
131 With diseases of the endocrine glands	1	0	1	0	1	1
132 Exhaustion delirium	2	13	15	1	1	2
133 Alzheimer's disease	2	3	5	—	—	—
134 With pellagra	—	—	—	—	—	—
135 With other somatic diseases	6	13	19	0	2	2
14 Psychoses due to New Growth	0	4	4	0	1	1
141 With intracranial neoplasms	—	—	—	—	—	—
142 With other neoplasms	0	4	4	0	1	1
15 Psychoses with organic changes of Nervous System	7	4	11	2	0	2
151 With Multiple sclerosis	1	0	1	1	0	1
152 With paralysis agitans	1	1	2	—	—	—
153 With Huntington's chorea	2	2	4	1	0	1
154 With other brain or nervous diseases	3	1	4	—	—	—

TABLE NO. 18
FIRST AND RE-ADMISSIONS BY DIAGNOSIS—(Concluded)

DIAGNOSIS	FIRST ADMISSIONS			RE-ADMISSIONS		
	M.	F.	T.	M.	F.	T.
16 Psychoneuroses	42	73	115	3	15	18
161 Hysteria (anxiety hysteria, conversion hysteria and sub groups)	8	12	20	0	3	3
162 Psychasthenia or compulsive states (and subgroups)	2	1	3	—	—	—
163 Neurasthenia	4	12	16	1	6	7
164 Hypochondriasis	1	5	6	—	—	—
165 Reactive depression (simple situational reaction, others)	15	24	39	2	3	5
166 Anxiety state	6	13	19	0	1	1
167 Mixed psychoneurosis	6	6	12	0	2	2
7 Manic-Depressive Psychoses	99	175	274	68	114	182
171 Manic type	36	67	103	28	71	99
172 Depressive type	43	66	109	31	32	63
173 Circular type	1	3	4	4	0	4
174 Mixed type	12	28	40	4	10	14
175 Perplexed type	2	2	4	0	1	1
176 Stuporous type	2	3	5	—	—	—
177 Other types	3	6	9	1	0	1
18 Dementia Praecox (Schizophrenia)	258	231	489	126	112	238
181 Simple type	15	14	29	8	10	18
182 Hebephrenic type	6	16	22	9	11	20
183 Catatonic type	116	82	198	67	47	114
184 Paranoid type	92	87	179	28	37	65
185 Other types	29	32	61	14	7	21
19 Paranoia and Paranoid Conditions	19	16	35	3	3	6
191 Paranoia	8	3	11	0	1	1
192 Paranoid conditions	11	13	24	3	2	5
20 Psychoses with Psychopathic Personality	4	2	6	3	3	6
21 Psychoses with Mental Deficiency	34	30	64	11	12	23
22 Undiagnosed Psychoses	13	23	36	0	1	1
23 Without Psychoses	280	239	519	39	25	64
231a Epileptics not psychotic or feeble-minded	29	10	39	4	4	8
231b Epileptics who are feeble-minded	24	15	39	2	3	5
231 Alcoholism	21	2	23	7	1	8
233 Drug Addiction	3	2	5	2	0	2
234 Mental Deficiency	180	207	387	21	15	36
234a Idiot	47	41	88	3	0	3
234b Imbecile	60	48	108	7	4	11
234c Moron	49	96	145	9	9	18
234d Grade unspecified	24	21	45	2	2	4
235 Disorders of personality due to epidemic encephalitis	2	0	2	—	—	—
236 Psychopathic personality	14	0	14	0	1	1
236a With pathological sexuality	—	—	—	—	—	—
236b With pathological emotionality	3	0	3	—	—	—
236c With asocial or amoral trends	5	0	5	0	1	1
236d Mixed types	6	0	6	—	—	—
237 Other Non-Psychotic Conditions	7	3	10	3	1	4
24 Primary Behaviour Disorders	8	3	11	3	1	4
241 Simple Adult maladjustments	6	2	8	3	1	4
242 Primary behaviour disorders in children	2	1	3	—	—	—
242a Habit disturbance	—	—	—	—	—	—
242b Conduct disturbance	2	0	2	—	—	—
242c Neurotic traits	—	—	—	1	0	1
25 Without Mental Disorder	11	2	13	—	—	—
TOTAL 1-22	877	950	1827	270	317	587
TOTAL 23-25	299	244	543	43	26	69
GRAND TOTAL	1,176	1,194	2,370	313	343	656

TABLE No. 19
FIRST ADMISSIONS BY HOSPITAL AND DIAGNOSIS

DIAGNOSIS	TOTAL	Brookville	Cobourg	Fort William	Hamilton	Kingston	Langstaff	London	New Toronto	Orillia	Penc- tang	Toronto	Whitby	Wood- stock
01. With Syphilitic Meningo-Encephalitis.	94	8		6	15	1		12	10			35	7	1
02. With other forms of Syphilis.	8								1			6		
03. With Epidemic Encephalitis.	8								1			1	2	
04. With other Infectious Diseases	7							3	1			1	1	1
05. Alcoholic Psychoses.	37	2		5	2	3			18			3	4	
06a. Due to Opium and other Drugs	4							2	1				1	
06b. Due to other Exogenous Toxins	8	1		4	4	4								
07. Traumatic Psychoses.	8							2	1				1	
08. With Cerebral Arteriosclerosis.	209	11		6	60	11		23	22		1	41	34	
09. With other Disturbances of Circulation	25			2	2	2		4	3			3	10	
10. With Convulsive Disorders (Epilepsy)	34			4		2		4	3					
11. Senile Psychoses.	217	27		7	19	22		29	26		7	23	56	1
12. Involutional Psychoses.	98	9		1	19	3		10	15			3	41	
13. Due to other Metabolic, etc. Diseases.	40	2		1	6	3		13	6			3	5	1
14. Due to New Growth	4				1	3		1	2			2	2	
15. With Organic Changes of Nervous System.	11	1			2	2		1	3			2	2	
16. Psychoneuroses.	115	19		3	15	25		17	12		1	5	15	3
17. Manic-Depressive Psychoses.	274	14		2	35	10		54	65			24	69	1
18. Dementia Praecox (Schizophrenia).	489	50		37	65	33		63	99		7	41	91	3
19. Paranoia and Paranoid Conditions.	35	2		2	2	11		10	4			2	4	
20. With Psychopathic Personality.	6	1			1	2		2	4					
21. With Mental Deficiency.	64	9		3	9	5		14	11		1	3	7	
22. Undiagnosed Psychoses.	36	1				4		17	4			7	3	
231a. Epileptics not Psychotic or Feeble-minded.	39				1				1			1	2	34
231b. Epileptics who are Feeble-minded	39					2			1			1		16
232. Alcoholism	23	1			2	1		3	2		1		14	
233. Drug Addiction	5								1				2	
234. Mental Deficiency	387	8		5	19	10		18	12		6	12	9	
235. Disorders of Personality	2					1			2					
236. Psychopathic Personality	14				2	6			1		1		1	
237. Other Non-Psychotic Conditions.	10								1				2	1
24. Primary Behaviour Disorders	11	1			1	3			1				2	
25. Without Mental Disorder	13	1		3	1	5			4			1	2	
Total 1-22.	1827	157	0	79	256	142	0	281	306	2	17	202	353	32
Total 23-25	543	11	55	8	26	28	0	26	24	251	8	23	32	51
GRAND TOTAL.	2,370	168	55	87	282	170	0	307	330	253	25	225	385	83

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 20
FIRST ADMISSIONS BY PLACE OF RESIDENCE AND DIAGNOSIS

DIAGNOSIS	URBAN						RURAL			TOTAL		
	Population 30,000 and over			Population 10,000 to 30,000			(Including incorporated places under 1,000)					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
01. With Syphilitic Meningo-Encephalitis	23	10	33	17	7	24	15	0	15	72	22	94
02. With Other forms of Syphilis	4	2	6	1	0	1	1	0	1	5	2	8
03. With Epidemic Encephalitis	1	1	2	0	0	0	1	0	1	2	2	4
04. With Other Infectious Diseases	1	3	4	0	2	2	2	0	2	2	5	7
05. Alcoholic Psychoses	12	7	19	5	0	5	2	0	2	29	8	37
06a. Due to Opium and Other Drugs	0	1	1	0	0	0	1	0	1	1	2	3
06b. Due to Other Exogenous Toxins	4	0	4	0	2	2	1	2	3	3	7	10
07. Traumatic Psychoses	51	50	101	11	11	22	18	16	34	115	7	122
08. With Cerebral Arteriosclerosis	4	7	11	1	0	1	2	5	7	10	15	25
09. With Other Disturbances of Circulation	5	3	8	3	0	3	3	5	8	21	13	34
10. With Convulsive Disorders (Epilepsy)	27	59	86	14	12	26	21	26	47	89	118	207
11. Senile Psychoses	11	30	41	2	14	16	5	8	13	23	35	58
12. Involutional Psychoses	5	10	15	3	2	5	1	2	3	11	23	34
13. Due to other Metabolic, etc. Diseases	0	3	3	0	1	1	1	0	1	0	4	4
14. Due to New Growth	5	3	8	1	1	2	1	0	1	7	4	11
15. With Organic Changes of Nervous System	16	34	50	6	5	11	5	14	19	42	73	115
16. Psychoneuroses	30	76	106	16	17	33	12	28	40	99	173	273
17. Manic-Depressive Psychoses	111	117	228	40	18	58	20	28	48	258	231	489
18. Dementia Praecox (Schizophrenia)	9	6	15	1	7	8	1	7	8	19	18	37
19. Paranoia and Parapoid Conditions	3	2	5	1	0	1	3	3	6	4	2	6
20. With Psychopathic Personality	9	9	18	4	2	6	3	3	6	34	30	64
21. With Mental Deficiency	4	9	13	0	3	3	3	1	4	6	10	16
22. Undiagnosed Psychoses	12	6	18	5	2	7	5	0	5	29	10	39
231a. Epileptics not Psychotic or Feeble-minded	8	8	16	3	2	5	4	2	6	24	15	39
231b. Epileptics who are Feeble-minded	16	2	18	1	0	1	4	0	4	21	2	23
232. Alcoholism	3	0	3	0	1	1	0	1	1	3	2	5
233. Drug Addiction	79	102	181	26	30	56	27	23	50	180	207	387
234. Mental Deficiency	1	0	1	0	0	0	1	0	1	2	0	2
235. Disorders of Personality	6	0	6	2	0	2	4	0	4	14	0	14
236. Psychopathic Personality	2	0	2	1	1	2	3	2	5	7	3	10
237. Other Non-Psychotic Conditions	3	0	3	2	1	3	3	1	4	8	3	11
24. Primary Behaviour Disorders	3	0	3	1	1	2	3	3	6	11	11	22
25. Without Mental Disorder	0	0	0	5	2	7	5	0	5	11	2	13
TOTAL 1-22	335	442	777	125	100	225	114	145	259	877	950	1827
TOTAL 23-25	130	118	248	45	39	84	54	27	81	269	244	513
GRAND TOTAL	465	560	1,025	170	139	309	168	172	340	1,146	1,194	2,370

With Psychosis

Without Psychosis

TABLE No. 21
FIRST ADMISSIONS BY MARITAL STATUS AND DIAGNOSIS

DIAGNOSIS	Single			Married			Widowed			Divorced			Separated			Unascertained			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
01. With Syphilitic Meningo-Encephalitis	12	2	14	48	14	62	2	3	5	5	0	5	4	3	7	1	0	1	72	22	94
02. With other forms of Syphilis	1	1	2	7	1	6	1	1	1	2	1	1	1	1	1	1	1	1	6	2	8
03. With Epidemic Encephalitis	1	2	3	1	3	3	1	1	1	2	1	1	1	1	1	1	1	1	2	2	5
04. With other Infectious Diseases	2	1	3	1	3	3	2	0	2	2	1	1	2	1	3	2	1	3	2	5	7
05. Alcoholic Psychoses	12	1	13	13	6	19	2	0	2	2	0	2	2	1	3	29	8	37	29	8	37
06a. Due to Opium and Other Drugs	0	1	1	1	2	3	1	2	3	1	3	4	1	3	4	1	3	4	1	3	4
06b. Due to other Exogenous Toxins	3	2	5	4	3	3	1	2	3	1	2	3	1	3	4	1	3	4	1	3	4
07. Traumatic Psychoses	2	0	2	0	0	0	1	1	2	1	2	2	1	2	2	1	2	2	1	2	2
08. With Cerebral Arteriosclerosis	21	20	41	55	35	90	31	37	68	1	0	1	7	2	9	7	2	9	115	94	209
09. With other Disturbances of Circulation	0	4	4	3	3	6	1	3	4	1	1	2	1	0	1	1	1	2	10	15	25
10. With Convulsive Disorders (Epilepsy)	15	7	22	3	8	3	2	3	5	21	35	5	1	0	1	20	13	33	41	13	53
11. Senile Psychoses	12	23	35	50	31	81	34	61	95	1	3	4	1	3	4	99	118	217	23	75	98
12. Involutional Psychoses	7	13	20	13	51	64	2	10	12	1	1	2	1	1	2	23	23	46	11	29	40
13. Due to other Metabolic, etc. Diseases	3	3	8	3	24	29	0	1	1	1	1	2	1	1	2	1	1	2	11	7	18
14. Due to New Growth	3	2	5	0	2	2	0	2	2	0	0	2	0	0	2	0	0	2	0	0	2
15. With Organic Changes of Nervous System	3	2	5	4	2	6	2	10	12	2	10	12	2	10	12	2	10	12	7	4	11
16. Psychoneuroses	18	11	29	21	51	72	2	10	12	2	10	12	1	1	2	42	73	115	42	73	115
17. Manic-Depressive Psychoses	41	43	84	52	107	159	5	16	21	0	7	7	1	2	3	99	173	273	99	173	273
18. Dementia Praecox (Schizophrenia)	191	120	311	51	92	143	6	8	14	1	4	5	9	7	16	258	231	489	258	231	489
19. Paranoia and Paranoid Conditions	8	4	12	8	7	15	2	5	7	1	0	1	1	1	2	19	16	35	19	16	35
20. With Psychopathic Personality	2	0	2	2	1	3	0	1	1	0	1	1	1	1	2	4	2	6	34	30	64
21. With Mental Deficiency	20	16	42	5	13	18	0	2	2	0	1	1	1	0	1	13	13	26	13	23	36
22. Undiagnosed Psychoses	10	5	15	2	15	17	0	1	1	0	1	1	1	0	1	0	1	1	0	1	1
231a. Epileptics not Psychotic or Feeble-minded	23	6	29	3	2	5	1	1	2	2	1	3	2	1	3	29	10	39	29	10	39
231b. Epileptics who are Feeble-minded	23	14	37	1	1	2	1	1	2	1	1	2	1	1	2	2	1	3	2	1	3
232. Alcoholism	4	0	4	12	1	13	2	0	2	0	1	1	3	0	3	3	0	3	21	15	36
233. Drug Addiction	2	0	2	1	1	2	2	0	2	0	1	1	0	1	1	2	1	2	2	2	2
234. Mental Deficiency	179	193	372	1	10	11	0	1	1	0	3	3	0	3	3	180	207	387	180	207	387
235. Disorders of Personality	10	0	10	2	0	2	0	1	1	0	1	1	0	1	1	2	0	2	2	0	2
236. Psychopathic Personality	2	1	3	2	0	2	0	1	1	0	1	1	0	1	1	14	0	14	14	0	14
237. Other Non-Psychotic Conditions	2	1	3	5	2	7	4	0	4	0	4	4	3	3	7	7	3	10	7	3	10
24. Primary Behaviour Disorders	2	1	3	3	1	4	0	1	1	0	1	1	0	1	1	3	1	4	6	3	9
25. Without Mental Disorder	5	1	6	6	1	4	0	1	1	0	1	1	0	1	1	11	2	13	11	2	13
Total 1-22	395	281	676	352	471	873	90	163	253	8	13	21	29	22	51	3	0	3	877	950	1,827
Total 23-25	253	216	469	38	18	56	3	4	7	0	1	1	5	5	10	299	244	543	299	244	543
GRAND TOTAL	648	497	1,145	390	489	879	93	167	260	8	14	22	34	27	61	3	0	3	1,176	1,194	2,370

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 22
FIRST ADMISSIONS BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP																			
	TOTAL		Under 10		10-14		15-19		20-24		25-29		30-34		35-39					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
01. With Syphilitic Meningo-Encephalitis	72	22	94						3	0	3	0	1	1	8	4	12	11	4	15
02. With Other forms of Syphilis	6	2	8						0	1	1	0	1	1	1	0	1	1	0	1
03. With Epidemic Encephalitis	2	5	7						0	1	1	0	1	1	1	2	3	5	2	7
04. With Other Infectious Diseases	2	5	7						0	1	1	0	1	1	1	2	3	5	2	7
05. Alcoholic Psychoses	29	8	37						1	0	1	2	0	2	6	2	8	2	2	2
06a. Due to Opium and Other Drugs	1	3	4						1	0	1				0	2	2	0	2	2
06b. Due to Other Exogenous Toxins	3	5	8																	
07. Traumatic Psychoses	7	1	8												1	0	1	1	0	1
08. With Cerebral Arteriosclerosis	115	94	209						3	0	3	0	1	1	1	0	1	0	1	0
09. With Other Disturbances of Circulation	10	15	25						1	0	1	0	2	2	3	1	4	0	1	1
10. With Convulsive Disorders (Epilepsy)	21	13	34						5	1	6	1	0	1	0	2	2	0	2	0
11. Senile Psychoses	99	118	217						0	2	2	1	3	4	0	1	1	0	1	1
12. Involutional Psychoses	23	75	98						0	2	2	1	3	4	0	1	1	1	3	4
13. Due to other Metabolic, etc. Diseases	11	29	40						1	0	1	1	1	1	1	3	4	0	1	1
14. Due to New Growth	7	4	11						1	0	1	0	1	1	1	1	1	0	1	1
15. With Organic Changes of Nervous System	42	73	115						4	0	4	4	0	4	7	6	13	5	11	16
16. Psychoneuroses	99	175	274						1	1	2	12	18	30	4	25	29	7	24	31
17. Manic-Depressive Psychoses	258	231	489						7	3	10	12	26	38	53	35	88	49	36	85
18. Dementia Praecox (Schizophrenia)	19	16	35						1	0	1	2	3	5	3	5	7	2	3	5
19. Paranoia and Paranoid Conditions	4	2	6						2	1	3	8	1	9	3	4	7	6	6	12
20. With Psychopathic Personality	34	30	64						2	1	3	2	1	3	2	0	2	0	1	1
21. With Mental Deficiency	13	23	36						2	1	3	2	1	3	2	0	2	2	2	6
22. Undiagnosed Psychoses	29	10	39						8	3	11	3	3	6	3	3	6	3	3	6
231a. Epileptics not Psychotic or Feeble-minded	24	15	39						7	3	10	3	4	7	2	2	4	2	3	5
231b. Epileptics who are Feeble-minded	21	2	23						1	0	1	1	1	2	1	0	1	1	0	1
232. Alcoholism	3	2	5						1	0	1	1	0	1	1	0	1	1	0	1
233. Drug Addiction	180	207	387						55	42	97	48	34	82	13	24	37	6	12	18
234. Mental Deficiency	2	0	2						1	0	1	1	0	1	1	0	1	2	0	2
235. Disorders of Personality	14	0	14						1	0	1	1	0	1	1	0	1	2	0	2
236. Psychopathic Personality	7	3	10						1	0	1	3	1	4	1	0	1	1	0	1
237. Other Non-Psychotic Conditions	8	3	11						1	0	1	3	1	4	1	0	1	1	0	1
24. Primary Behaviour Disorders	11	2	13						2	0	2	2	0	2	1	1	1	1	2	1
25. Without Mental Disorder	11	2	13						2	0	2	2	0	2	1	1	1	1	2	1
TOTAL 1-22	877	950	1827						36	35	71	79	63	142	71	86	157	75	87	162
TOTAL 23-25	299	244	543						52	73	125	21	25	46	16	18	34	19	15	34
GRAND TOTAL	1176	1194	2370						88	108	196	100	88	188	87	104	191	94	102	196

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 22—(Concluded)
FIRST ADMISSIONS BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP												Unascertained					
	40-44		45-49		50-54		55-59		60-64		65-69			70 and Over				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	T.		
01. With Syphilitic Meningo-Encephalitis	8	3	11	6	5	11	9	2	11	17	2	19	6	0	6	2	0	2
02. With Other forms of Syphilis	2	0	2	1	1	2	1	1	2	1	1	0	1	2	1	3	0	2
03. With Epidemic Encephalitis	1	0	1	0	1	1	3	0	3	3	0	3	1	1	2	1	0	1
04. With Other Infectious Diseases	4	2	6	3	1	4	3	0	3	3	0	3	1	1	2	1	0	1
05. Alcoholic Psychoses	0	1	1	3	1	0	1	0	1	1	0	2	1	1	2	0	1	1
06a. Due to Opium and Other Drugs	0	1	1	1	2	3	1	0	1	1	0	2	1	0	1	1	2	1
06b. Due to Other Exogenous Toxins	0	1	1	1	2	3	1	0	1	1	0	2	1	0	1	1	2	1
07. Traumatic Psychoses	0	1	1	1	0	2	3	5	8	12	9	21	18	17	35	30	22	52
08. With Cerebral Arteriosclerosis	1	1	2	1	0	2	2	2	4	0	2	2	2	3	5	3	2	4
09. With Other Disturbances of Circulation	2	1	3	3	1	4	2	2	4	0	3	3	1	0	1	0	1	3
10. With Convulsive Disorders (Epilepsy)	1	11	12	5	22	27	4	21	25	1	6	16	2	5	2	7	8	11
11. Senile Psychoses	1	1	2	3	1	3	4	0	6	2	1	3	0	2	2	2	2	4
12. Involutional Psychoses	1	1	2	3	1	3	4	0	6	2	1	3	0	2	2	2	4	1
13. Due to other Metabolic, etc. Diseases	1	0	1	1	0	1	1	0	1	2	1	3	0	2	2	0	1	1
14. Due to New Growth	1	0	1	1	0	1	1	0	1	2	1	3	0	2	2	1	1	2
15. With Organic Changes of Nervous System	3	6	9	6	11	17	5	5	10	1	8	9	1	8	9	1	1	1
16. Psychoneuroses	12	14	26	10	14	24	12	19	31	14	15	29	8	9	17	3	3	6
17. Manic-Depressive Psychoses	29	19	48	17	20	37	4	13	17	7	11	18	6	5	11	1	4	5
18. Dementia Praecox (Schizophrenia)	2	2	4	4	1	5	3	4	7	3	2	5	1	4	5	1	1	2
19. Paranoia and Paranoid Conditions	1	0	1	4	1	5	1	1	1	1	0	1	1	0	1	1	1	2
20. With Psychopathic Personality	3	7	10	4	1	5	1	2	3	2	2	4	0	2	2	0	1	1
21. With Mental Deficiency	2	2	4	1	5	6	1	1	2	2	2	4	0	2	2	0	1	1
22. Undiagnosed Psychoses	2	0	2	1	0	3	3	0	3	1	0	1	0	1	1	1	0	1
231a. Epileptics not Psychotic or Feeble-minded	2	0	2	1	0	1	3	0	3	1	0	1	0	1	1	1	0	1
231b. Epileptics who are Feeble-minded	2	0	2	1	0	1	3	0	4	1	0	1	3	0	3	0	0	3
232. Alcoholism	3	0	3	2	0	3	4	0	4	1	0	1	3	0	3	0	0	3
233. Drug Addiction	3	8	11	3	1	4	2	1	3	2	3	5	1	0	1	1	0	1
234. Mental Deficiency	1	0	1	3	1	4	1	1	1	1	0	1	1	0	1	1	0	1
235. Disorders of Personality	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1
236. Psychopathic Personality	2	0	2	1	1	2	1	1	2	3	0	3	1	0	1	0	1	1
237. Other Non-Psychotic Conditions	2	0	2	3	0	3	1	1	2	1	0	1	1	0	1	0	1	1
24. Primary Behaviour Disorders	2	0	2	3	0	3	1	0	1	1	0	1	1	0	1	1	0	1
25. Without Mental Disorder	2	0	2	3	0	3	1	0	1	1	0	1	1	0	1	1	0	1
TOTAL 1-22	73	72	145	64	90	154	53	82	135	78	74	152	53	60	113	56	53	109
TOTAL 23-25	16	8	24	12	1	13	10	2	12	9	3	12	6	1	7	0	0	0
GRAND TOTAL	89	80	169	76	91	167	63	84	147	87	77	164	59	61	120	56	53	109

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 23
FIRST ADMISSIONS BY RACIAL ORIGIN AND DIAGNOSIS

DIAGNOSIS	TOTAL						English		Irish		Scotch		French		German		Hebrew		Italian		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
01. With Syphilitic Meningo-Encephalitis.	72	22	94	23	13	41	9	1	6	5	1	6	8	1	9	0	3	3			
02. With other forms of Syphilis.	6	2	8	4	1	3	2	2	4	1	0	1	0	1	1				4	0	4
03. With Epidemic Encephalitis.	2	2	4	1	1	3	1	1	3				0	1	1				1	0	1
04. With other Infectious Diseases.	2	5	7	1	2	3	1	0	1	0	2	2	0	1	1						
05. Alcoholic Psychoses.	29	8	37	6	5	11	8	0	8	5	1	6	4	0	4				1	0	1
06a. Due to Opium and Other Drugs.	1	3	4	0	2	2	0	1	1	0	1	1									
06b. Due to other Exogenous Toxins.	3	5	8	1	3	4	0	1	1	1	1	2	1	0	1						
07. Traumatic Psychoses.	7	1	8	2	0	2	2	0	2	0	0	1	1	0	1						
08. With Cerebral Arteriosclerosis.	115	94	209	55	48	103	14	15	29	20	12	32	7	6	13	1	6	7	3	0	3
09. With other Disturbances of Circulation.	10	15	25	4	7	11	2	1	3	1	3	4	1	0	3				2	1	3
10. With Convulsive Disorders (Epilepsy).	21	13	34	6	6	12	6	0	6	1	4	5	3	0	3						
11. Senile Psychoses.	99	118	217	43	49	92	25	34	59	13	17	30	10	4	14	1	4	5	1	3	4
12. Involutional Psychoses.	23	75	98	8	37	45	3	12	15	3	12	15	5	3	8	1	2	3	1	3	4
13. Due to other Metabolic, etc. Diseases.	11	29	40	5	15	20	0	4	4	2	2	4	1	0	1				1	3	4
14. Due to New Growth.	0	4	4	0	2	2	0	2	2	2	2	2									
15. With Organic Changes of Nervous System.	7	4	11	5	2	7	0	1	1	2	1	3									
16. Psychoneuroses.	42	73	115	15	39	54	4	15	19	5	9	14	6	5	11						
17. Manic-Depressive Psychoses.	99	175	275	43	74	117	12	35	47	8	24	32	13	6	19	5	7	12	2	7	9
18. Dementia Praecox (Schizophrenia).	258	231	489	78	97	175	40	30	70	22	22	44	28	22	50	16	3	19	3	4	7
19. Paranoia and Paranoid Conditions.	19	16	35	10	4	14	3	2	5	1	6	7	0	1	1	1	2	3	0	1	1
20. With Psychopathic Personality.	4	2	6	2	1	3	1	1	2	1	1	1	1	0	1						
21. With Mental Deficiency.	34	30	64	12	12	24	3	6	9	2	2	4	4	4	8	3	1	4	2	0	2
22. Undiagnosed Psychoses.	13	23	36	7	10	17	3	7	10	1	1	2	2	2	1						
231a. Epileptics not Psychotic or Feeble-minded	29	10	39	13	6	19	3	3	6	5	0	5	6	1	7				1	0	1
231b. Epileptics who are Feeble-minded	24	15	39	11	5	16	1	0	1	5	3	8	3	4	7	0	1	1			
232. Alcoholism.	21	2	23	8	1	9	8	0	8	2	1	3							1	0	1
233. Drug Addiction.	3	2	5	2	1	3							0	1	1						
234. Mental Deficiency.	180	207	387	74	74	148	11	19	30	16	28	44	15	39	45	5	4	9	2	0	2
235. Disorders of Personality.	2	0	2	1	0	1				2	0	2	1	0	1						
236. Psychopathic Personality.	14	0	14	6	0	6	3	0	3	2	0	2	1	0	1						
237. Other Non-Psychotic Conditions.	7	3	10	1	2	3	2	1	3	2	0	2	2	0	2				0	1	1
24. Primary Behaviour Disorders.	8	3	11	4	2	6				2	0	2	2	0	2						
25. Without Mental Disorder.	11	2	13	3	2	5							2	0	2						
Total 1-22	877	950	1,827	334	429	763	138	169	307	93	122	215	94	51	148	32	32	64	13	20	33
Total 23-25	299	244	543	123	92	215	28	23	51	32	32	64	30	36	66	5	5	10	4	2	6
GRAND TOTAL	1,176	1,194	2,370	457	521	978	166	192	358	125	154	279	124	90	214	37	37	74	17	21	37

WITH Psychosis

WITHOUT Psychosis

TABLE No. 23 —(Concluded)
FIRST ADMISSIONS BY RACIAL ORIGIN AND DIAGNOSIS

DIAGNOSIS	Slavonic			Scandinavian			Other European Races			Chinese and Japanese			Other Asiatic Races			American Indian			Others			Unspecified		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
01. With Syphilitic Meningo-Encephalitis	4	1	5	2	0	2	6	0	6	4	0	4				1	0	1	0	2	2	1	0	1
02. With other forms of Syphilis	1	0	1																					
03. With Epidemic Encephalitis																								
04. With other Infectious Diseases				2	0	2	3	2	5							0	1	1						
05. Alcoholic Psychoses				1	0	1	1	0	1															
06a. Due to Opium and Other Drugs				1	0	1	1	0	1															
06b. Due to other Exogenous Toxins																								
07. Traumatic Psychoses	4	0	4	1	0	1	1	0	1															
08. With Cerebral Arteriosclerosis	1	0	1	1	0	1	4	1	5															
09. With other Disturbances of Circulation	1	0	1	1	0	1	0	2	2															
10. With Convulsive Disorders (Epilepsy)	0	1	1	1	0	1	0	2	2															
11. Semile Psychoses	1	2	3	0	2	2	1	2	3															
12. Involutional Psychoses	0	0	1	0	1	1	1	2	3															
13. Due to other Metabolic, etc. Diseases	0	0	1	0	1	1	1	2	3															
14. Due to New Growth																								
15. With Organic Changes of Nervous System	5	0	5	3	0	3	3	2	5															
16. Psycho-neuroses	3	4	7	2	4	6	7	6	13															
17. Manic-Depressive Psychoses	13	15	28	11	9	20	34	12	46	1	0	1	0	1	1	0	1	1	0	4	4	1	2	3
18. Dementia Praecox (Schizophrenia)	1	0	1	1	0	1	2	0	2	3	1	4	0	1	1	0	4	4	2	0	2	4	5	9
19. Paranoia and Paranoid Conditions																								
20. With Psychopathic Personality	1	1	2	1	0	1	2	2	4															
21. With Mental Deficiency																								
22. Undiagnosed Psychoses																								
231a. Epileptics not Psychotic or Feeble-minded																								
231b. Epileptics who are Feeble-minded																								
232. Alcoholism	1	0	1	1	0	1																		
233. Drug Addiction	9	1	10	2	3	5	2	1	3	1	0	1	1	1	2	0	2	2	2	5	7	30	37	76
234. Mental Deficiency																								
235. Disorders of Personality	2	0	2	1	0	1	1	0	1															
236. Psychopathic Personality																								
237. Other Non-Psychotic Conditions	3	0	3	1	0	1	1	0	1															
24. Primary Behaviour Disorders																								
25. Without Mental Disorder																								
Total 1-22	34	25	59	28	17	45	65	35	100	8	1	9	0	1	1	4	10	14	7	12	19	14	12	26
Total 23-25	5	1	16	5	3	8	4	1	5	1	0	1	1	1	2	1	2	3	3	5	8	49	40	84
GRAND TOTAL	49	26	75	33	20	53	69	36	105	9	1	10	1	2	3	5	12	17	10	17	27	58	52	110

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE
FIRST ADMISSIONS BY EDUCATIONAL

DIAGNOSIS		Illiterate			Reads Only		
		M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	2	1	3	-	-	-
	02. With other Forms of Syphilis	-	-	-	-	-	-
	03. With Epidemic Encephalitis	0	1	1	-	-	-
	04. With other Infectious Diseases	-	-	-	-	-	-
	05. Alcoholic Psychoses	1	1	2	-	-	-
	06a. Due to Opium and Other Drugs	-	-	-	-	-	-
	06b. Due to other Exogenous Toxins	-	-	-	-	-	-
	07. Traumatic Psychoses	-	-	-	-	-	-
	08. With Cerebral Arteriosclerosis	8	2	10	1	0	1
	09. With other Disturbances of Circulation	0	1	1	0	1	1
	10. With Convulsive Disorders (Epilepsy)	2	1	3	-	-	-
	11. Senile Psychoses	8	7	15	0	1	1
	12. Involutional Psychoses	2	1	3	1	1	2
	13. Due to other Metabolic, etc. Diseases	-	-	-	0	1	1
	14. Due to New Growth	-	-	-	-	-	-
	15. With Organic Changes of Nervous System	-	-	-	-	-	-
	16. Psychoneuroses	1	1	2	-	-	-
	17. Manic-Depressive Psychoses	1	1	2	0	2	2
	18. Dementia Praecox (Schizophrenia)	5	6	11	4	0	4
	19. Paranoia and Paranoid Conditions	-	-	-	-	-	-
	20. With Psychopathic Personality	-	-	-	-	-	-
	21. With Mental Deficiency	9	4	13	-	-	-
22. Undiagnosed Psychoses	-	-	-	-	-	-	
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feeble-minded	1	0	1	-	-	-
	231b. Epileptics who are Feeble-minded	16	6	22	2	0	2
	232. Alcoholism	-	-	-	-	-	-
	233. Drug Addiction	-	-	-	-	-	-
	234. Mental Deficiency	114	86	200	2	6	8
	235. Disorders of Personality	-	-	-	-	-	-
	236. Psychopathic Personality	2	0	2	-	-	-
	237. Other Non-Psychotic Conditions	1	0	1	-	-	-
	24. Primary Behaviour Disorders	-	-	-	-	-	-
	25. Without Mental Disorder	1	0	1	-	-	-
Total 1-22		39	27	66	6	6	12
Total 23-25		135	92	227	4	6	10
GRAND TOTAL		174	119	293	10	12	22

No. 24

STATUS AND DIAGNOSIS

Reads and Writes			Common School			High School			University			Unascertained			TOTAL		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	F.	M.	F.	T.
10	1	11	47	14	61	9	5	14	-	-	-	4	1	5	72	22	94
-	-	-	5	1	6	0	1	1	-	-	-	1	0	1	6	2	8
-	-	-	1	1	2	1	0	1	-	-	-	-	-	-	2	2	4
-	-	-	0	3	3	2	1	3	0	1	1	-	-	-	2	5	7
2	0	2	19	7	26	6	0	6	-	-	-	1	0	1	29	8	37
-	-	-	1	1	2	0	2	2	-	-	-	-	-	-	1	3	4
1	0	1	2	3	5	0	2	2	-	-	-	-	-	-	3	5	8
-	-	-	5	0	5	-	-	-	-	-	-	2	1	3	7	1	8
14	4	18	62	51	113	11	23	34	3	2	5	16	12	28	115	94	209
2	0	2	7	9	16	0	4	4	1	0	1	-	-	-	10	15	25
3	5	8	15	5	20	1	2	3	-	-	-	-	-	-	21	13	34
8	13	21	61	59	120	9	20	29	2	1	3	11	17	28	99	118	217
1	4	5	13	47	60	5	16	21	1	4	5	0	2	2	23	75	98
0	1	1	6	16	22	2	10	12	-	-	-	3	1	4	11	29	40
-	-	-	0	3	3	0	1	1	-	-	-	-	-	-	0	4	4
-	-	-	4	1	5	3	2	5	-	-	-	0	1	1	7	4	11
1	4	5	30	42	72	9	24	33	1	2	3	-	-	-	42	73	115
6	3	9	64	93	157	19	62	81	5	10	15	4	4	8	99	175	274
20	6	26	147	116	263	61	88	149	13	8	21	8	7	15	258	231	489
4	3	7	12	7	19	3	4	7	0	2	2	-	-	-	19	16	35
-	-	-	3	1	4	1	0	1	0	1	1	-	-	-	4	2	6
5	8	13	18	16	34	2	0	2	-	-	-	0	2	2	34	30	64
0	1	1	10	13	23	3	8	11	0	1	1	-	-	-	13	23	36
2	0	2	18	8	26	8	2	10	-	-	-	-	-	-	29	10	39
4	5	9	2	4	6	-	-	-	-	-	-	-	-	-	24	15	39
-	-	-	7	1	8	11	1	12	3	0	3	-	-	-	21	2	23
-	-	-	3	1	4	0	1	1	-	-	-	-	-	-	3	2	5
40	92	132	20	22	42	-	-	-	-	-	-	4	1	5	180	207	387
-	-	-	2	0	2	-	-	-	-	-	-	-	-	-	2	0	2
1	0	1	8	0	8	3	0	3	-	-	-	-	-	-	14	0	14
-	-	-	6	2	8	0	1	1	-	-	-	-	-	-	7	3	10
1	0	1	3	3	6	2	0	2	1	0	1	-	-	-	8	3	11
4	1	5	5	0	5	0	1	1	1	0	1	-	-	-	11	2	13
77	53	130	532	509	1,041	147	275	422	26	32	58	50	48	98	877	950	1,827
52	98	150	74	41	115	25	6	31	5	0	5	4	1	5	299	244	543
129	151	280	606	550	1,156	172	281	453	31	32	63	54	49	103	1,176	1,194	2,370

TABLE No. 25
FIRST ADMISSIONS BY ECONOMIC STATUS AND DIAGNOSIS

DIAGNOSIS	Dependent			Marginal			Comfortable			Uncertain			TOTAL		
	M.	F.	T.	M.	F.	F.	M.	F.	T.	M.	F.	T.	M.	F.	T.
01. With Syphilitic Meningo-Encephalitis	26	4	30	39	10	49	7	8	15				72	22	94
02. With Other forms of Syphilis	2	0	2	2	2	4	2	0	2				5	2	8
03. With Epidemic Encephalitis	1	1	2	1	1	2	1	1	2				3	2	4
04. With Other Infectious Diseases	1	2	3	1	3	4							2	5	7
05. Alcoholic Psychoses	13	1	14	13	6	19	3						20	8	37
06a. Due to Opium and Other Drugs				1	1	2	0	2	2	4			1	3	8
06b. Due to Other Exogenous Toxins				1	1	2	2	3	5				3	5	8
07. Traumatic Psychoses	1	0	1	2	0	2	2	3	4				1	0	1
08. With Cerebral Arteriosclerosis	41	30	71	41	28	69	31	35	66				115	94	209
09. With Other Disturbances of Circulation	3	3	6	5	7	12	2	2	4				10	15	25
10. With Convulsive Disorders (Epilepsy)	11	3	14	8	8	16	2	2	4				21	13	34
11. Semile Psychoses	46	35	81	24	48	72	28	23	61				96	118	214
12. Involutional Psychoses	2	9	11	6	29	38	12	32	44				23	75	98
13. Due to other Metabolic, etc. Diseases	5	2	7	6	18	24	0	7	7				11	20	40
14. Due to New Growth				0	1	1	0	3	3				0	4	4
15. With Organic Changes of Nervous System	3	2	5	2	1	3	2	1	3				7	4	11
16. Psychoneuroses	9	7	16	23	38	61	10	28	38				42	73	115
17. Manic-Depressive Psychoses	41	23	64	34	82	116	21	63	84				96	175	271
18. Dementia Praecox (Schizophrenia)	109	47	156	119	129	248	25	47	72				258	231	489
19. Paranoia and Paranoid Conditions	8	5	13	9	4	13	2	6	8				10	16	36
20. With Psychopathic Personality	3	0	3	1	1	2	0	1	1				1	2	3
21. With Mental Deficiency	18	9	27	8	15	24	7	6	13				34	30	64
22. Undiagnosed Psychoses	4	3	7	2	13	15	6	7	13				13	23	36
231a. Epileptics not Psychotic or Feeble-minded	13	0	13	13	9	22	3	1	4				29	10	39
231b. Epileptics who are Feeble-minded	10	11	21	12	4	16	3	0	2				24	15	39
232. Alcoholism	5	0	5	9	1	10	7	1	8				21	2	23
233. Drug Addiction	2	0	2	1	2	3							3	2	5
234. Mental Deficiency	105	147	252	53	44	97	20	15	35				180	207	387
235. Disorders of Personality	1	0	1	10	0	10	1	0	1				2	0	2
236. Psychopathic Personality	4	0	4	3	2	5	2	0	2				14	0	14
237. Other Non-Psychotic Conditions	2	1	3	3	2	5	1	0	1				7	3	10
24. Primary Behaviour Disorders	5	0	5	2	3	5	1	0	1				8	3	11
25. Without Mental Disorder	4	1	5	7	1	8							11	2	13
TOTAL 1-22	347	186	533	351	446	797	166	292	458				877	950	1,827
TOTAL 23-25	151	160	311	110	66	176	36	17	53				299	244	543
GRAND TOTAL	498	346	844	481	512	973	202	309	511				1,176	1,194	2,370

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 26
ALCOHOLIC HABITS OF FIRST ADMISSIONS BY DIAGNOSIS

DIAGNOSIS	TOTAL		Abstinent		Temperate		Intemperate		Unascertained				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.		
	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.		
01. With Syphilitic Meningo-Encephalitis.....	72	22	94	29	35	7	42	14	2	16	4	3	7
02. With Other forms of Syphilis.....	6	8	14	4	2	0	2	1	0	1	2	0	2
03. With Epidemic Encephalitis.....	2	4	6	4	1	1	2	1	0	1	1	0	1
04. With Other Infectious Diseases.....	2	7	9	4	1	1	2	1	0	1	1	0	1
05. Alcoholic Psychoses.....	29	8	37	1	1	1	3	29	8	37	1	1	1
06a. Due to Opium and Other Drugs.....	3	4	7	1	1	1	3	1	1	3	0	1	1
06b. Due to Other Exogenous Toxins.....	3	5	8	2	2	2	3	1	0	1	0	1	1
07. Traumatic Psychoses.....	7	1	8	3	1	1	3	7	0	1	1	0	1
08. With Cerebral Arteriosclerosis.....	115	94	209	85	48	4	52	9	2	11	8	3	11
09. With Other Disturbances of Circulation.....	10	15	25	12	16	2	18	1	1	2	1	0	1
10. With Convulsive Disorders (Epilepsy).....	69	11	80	10	11	21	12	1	0	1	1	0	1
11. Senile Psychoses.....	69	118	217	48	100	148	37	8	0	8	6	5	11
12. Involutional Psychoses.....	23	75	98	8	69	77	12	4	16	3	1	1	2
13. Due to Renal, Metabolic, etc. Diseases.....	11	29	40	5	25	5	4	2	1	3	1	0	1
14. Due to New Growth.....	7	4	11	3	3	3	3	0	0	1	1	0	1
15. With Organic Changes of Nervous System.....	7	4	11	3	3	3	3	0	0	1	1	0	1
16. Psychoneuroses.....	42	73	115	10	54	64	27	18	43	4	1	0	1
17. Manic-Depressive Psychoses.....	99	175	274	40	146	186	49	19	68	7	6	13	7
18. Dementia Praecox (Schizophrenia).....	238	231	469	92	184	276	121	41	162	26	2	28	19
19. Paranoid and Paranoid Conditions.....	19	16	35	5	10	15	9	6	15	4	0	4	23
20. With Psychopathic Personality.....	4	2	6	1	0	1	1	2	2	1	1	0	1
21. With Mental Duplicity.....	34	30	64	24	24	48	8	4	12	4	1	2	2
22. Undiagnosed Psychoses.....	13	23	36	7	15	22	5	6	11	1	0	1	2
231a. Epileptics not Psychotic or Feebleminded.....	29	10	39	21	10	31	5	0	5	3	0	3	1
231b. Epileptics who are Feebleminded.....	24	15	39	22	13	35	1	2	3	21	1	0	1
232. Alcoholism.....	21	2	23	1	1	2	1	0	1	0	1	0	1
233. Drug Addiction.....	3	2	5	1	1	2	1	0	1	1	0	1	1
234. Mental Deficiency.....	180	207	387	136	172	308	13	5	18	3	1	4	28
235. Disorders of Personality.....	2	0	2	1	0	1	1	0	1	3	0	3	57
236. Psychopathic Personality.....	14	0	14	2	0	2	8	0	8	3	0	3	1
237. Other Non-Psychotic Conditions.....	7	3	10	0	1	1	7	1	8	1	0	1	1
24. Primary Behaviour Disorders.....	8	3	11	5	3	8	2	0	2	1	0	1	1
25. Without Mental Disorder.....	11	2	13	1	2	3	10	0	10	1	0	1	2
TOTAL 1-22.....	877	950	1,827	384	764	1,098	382	136	518	113	26	139	42
TOTAL 23-25.....	299	244	543	189	202	391	48	8	56	32	3	35	30
GRAND TOTAL.....	1,176	1,194	2,370	523	966	1,489	430	144	574	145	29	174	78

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 27
PREVIOUS OCCUPATION OF FIRST ADMISSIONS

PREVIOUS (USUAL) OCCUPATION	Male	Female	TOTAL
Agriculture	177	0	177
Commercial	55	8	63
Financial	7	0	7
Fishing and Trapping	12	0	12
Logging	33	0	33
Manufacturing	24	18	42
Mining	17	0	17
Transportation and Communication	35	1	36
Civil Service and Public Administration	19	3	22
Personal Service (incl. housewives) ...	29	609	638
Professional	17	31	48
Domestic Service	24	150	174
Expert Workers	115	10	125
Labourers	228	0	228
Clerical	27	32	59
Retired	66	7	73
Students	17	15	32
Military	27	0	27
Prisoners of War and Internees	3	0	3
No occupation	242	310	552
Not given	2	0	2
TOTAL — ALL OCCUPATIONS	1176	1194	2370

TABLE No. 28
RE-ADMISSIONS BY LENGTH OF STAY OUT OF HOSPITAL AND DIAGNOSIS

DIAGNOSIS	LENGTH OF STAY OUT OF HOSPITAL BEFORE RE-ADMISSION												TOTAL											
	Less than One Month		1-3 Months		4-7 Months		8-11 Months		1-2 Years		3-4 Years		5-9 Years		10 Years And Over		Unascertained							
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.						
01. With Syphilitic Meningo-Encephalitis.	3	0	3	0	1	1	1	0	1	5	2	7	3	0	3	1	1	2	0	1	1	14	5	19
02. With other forms of Syphilis.																								
03. With Epidemic Encephalitis.										0	1	1												
04. With Other Infectious Diseases.																								
05. Alcoholic Psychoses.										2	0	2												
06a. Due to Opium and Other Drugs																								
06b. Due to Other Exogenous Poisons																								
07. Traumatic Psychoses.																								
08. With Cerebral Arteriosclerosis.	0	2	2							4	1	5												
09. With Other Disturbances of Circulation.	0	1	1							1	0	1												
10. With Convulsive Disorders (Epilepsy)										4	2	6												
11. Senile Psychoses.	1	5	6							2	3	5												
12. Involutional Psychoses										2	7	9												
13. Due to other Metabolic, etc. Diseases.										0	2	2												
14. Due to New Growth.										0	2	2												
15. With Organic Changes of Nervous System.										0	1	1												
16. Psychoneuroses										1	0	1												
17. Manic-Depressive Psychoses	2	2	4							1	1	2												
18. Dementia Praecox (Schizophrenia)	6	5	11							29	36	65												
19. Paranoia and Paranoid Conditions.										5	7	12												
20. With Psychopathic Personality										16	11	27												
21. With Mental Deficiency	1	0	1							0	1	1												
22. Undiagnosed Psychoses										3	4	7												
231a. Epileptics not Psychotic or Feeble-minded										0	1	1												
231b. Epileptics who are Feeble-minded										1	1	2												
232. Alcoholism	1	0	1							0	1	1												
233. Drug Addiction										3	0	3												
234. Mental Deficiency	2	0	2							7	4	11												
235. Disorders of Personality										2	1	3												
236. Psychopathic Personality										1	0	1												
237. Other Non-Psychotic Conditions										1	0	1												
24. Primary Behaviour Disorders										2	0	2												
25. Without Mental Disorder																								
TOTAL 1-22	13	15	28							106	96	202												
TOTAL 23-25	3	0	3							14	7	21												
GRAND TOTAL	16	15	31							120	103	223												
										44	41	85												
										31	52	83												
										11	3	14												
										42	55	97												
										22	50	72												
										270	317	587												
										43	26	69												
										313	343	656												

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 29
RE-ADMISSIONS BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY OUT OF HOSPITAL AND DIAGNOSIS

DIAGNOSIS	RECOVERED												TOTAL			
	Less than one month	1-3 Months	4-7 Months	8-11 Months	1-2 Years	3-4 Years	5-9 Years	10 Years and over	Unaccredited	TOTAL						
	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.	M. F. T.	M. F. T.					
01. With Syphilitic Meningo-Encephalitis.					2 0 2							0 1 1				2 1 3
02. With other forms of Syphilis.																
03. With Epidemic Encephalitis.					1 0 1											2 0 2
04. With other Infectious Diseases.					1 0 1											1 0 1
05. Alcoholic Psychoses.																
06a. Due to Opium and Other Drugs.																
06b. Due to other Exogenous Toxins.																
07. Traumatic Psychoses.					1 0 1											2 3 5
08. With Cerebral Arteriosclerosis.					1 0 1											2 1 3
09. With other Disturbances of Circulation					1 0 1											1 1 2
10. With Convulsive Disorders (Epilepsy)					1 0 1											2 4 6
11. Semile Psychoses.					1 0 1											1 1 2
12. Involutional Psychoses.					1 0 1											1 1 2
13. Due to other Metabolic, etc. Diseases.					0 2 2											2 4 6
14. Due to New Growth.																1 1 2
15. With Organic Changes of Nervous System																1 1 2
16. Psychoneuroses.	0 1 1				1 1 2											1 7 8
17. Manic-Depressive Psychoses.	1 2 3				3 7 10											33 57 90
18. Dementia Praecox (Schizophrenia).	1 0 1				3 1 4											22 18 40
19. Paranoia and Paranoid Conitions.					1 0 1											1 1 2
20. With Psychopathic Personality.					0 1 1											0 1 1
21. With Mental Deficiency.	0 1 1				1 1 2											2 3 5
22. Undiagnosed Psychoses.																
Total 1-22	2 4 6	5 6 11	10 12 22	28 29 57	8 15 23	11 13 24	8 19 27	0 0 0	72 98 170							
Total 23-25	1 0 1	1 0 1	1 0 1	2 1 3	0 1 1	1 0 1	0 0 0	0 0 0	7 2 9							
GRAND TOTAL	1 0 1	3 4 7	11 12 23	30 30 60	8 16 24	12 13 25	8 19 27	0 0 0	79 100 179							

WITH PSYCHOSES

TABLE No. 29—(Continued)
 RE-ADMISSION BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY OUT OF HOSPITAL AND DIAGNOSIS

DIAGNOSIS	UNIMPROVED													TOTAL																
	Less than one Month	1-3 Months	1-7 Months	8-11 Months	1-2 Years	3-4 Years	5-9 Years	10 Years and over	Unsectered			M.	F.		T.															
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.					T.														
01. With Syphilitic Meningo-Encephalitis	2	0	2														2	0	2											
02. With other forms of Syphilis																														
03. With Epidemic Encephalitis																														
04. With other Infectious Diseases																														
05. Alcoholic Psychoses																														
06a. Due to Opium and Other Drugs																														
06b. Due to other Exogenous Toxins																														
07. Traumatic Psychoses	0	2	2																											
08. With Cerebral Arteriosclerosis																														
09. With other Disturbances of Circulation																														
10. With Convulsive Disorders (Epilepsy)					1	0	1																							
11. Senile Psychoses	0	3	3																											
12. Involutional Psychoses																														
13. Due to other Metabolic, etc. Diseases																														
14. Due to New Growth					1	0	1																							
15. With Organic Changes of Nervous System	0	1	1																											
16. Psychoneuroses	6	3	9	0	1	1	2	1	3	2	0	2	2	0	2	0	1	1	1											
17. Manic-Depressive Psychoses																														
18. Dementia Praecox (Schizophrenia)																														
19. Paranoia and Paranoid Conditions																														
20. With Psychopathic Personality																														
21. With Mental Deficiency	1	0	1																											
22. Undiagnosed Psychoses																														
Total 1-22	9	9	18	0	1	1	2	1	3	2	0	2	6	3	9	0	1	1	1	7	8	1	4	5	0	0	0	21	26	47
Total 23-25	1	0	1	0	0	0	2	1	3	0	0	0	3	1	4	0	0	0	1	1	2	0	0	0	1	0	1	8	3	11
GRAND TOTAL	10	9	19	0	1	1	4	2	6	2	0	2	9	4	13	0	1	1	2	8	10	1	4	5	1	0	1	29	29	58

TABLE No. 29—(Concluded)
 RE-ADMISSIONS BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY OUT OF HOSPITAL

DIAGNOSIS	WITHOUT MENTAL DISORDER						GRAND TOTAL
	Under 1 Year		1 Year and over		TOTAL		
	M.	F. T.	M.	F. T.	M.	F. T.	
01. With Syphilitic Meningo-Encephalitis							M. F. T.
02. With other forms of Syphilis							14 5 19
03. With Epidemic Encephalitis							0 1 1
04. With other Infectious Diseases							6 1 7
05. Alcoholic Psychoses							1 0 1
06a. Due to Opium and Other Drugs							0 1 1
06b. Due to other Exogenous Toxins							0 1 1
07. Traumatic Psychoses							9 13 22
08. With Cerebral Arteriosclerosis							0 1 1
09. With other Disturbances of Circulation							10 6 16
10. With Convulsive Disorders (Epilepsy)							7 7 14
11. Senile Psychoses							6 17 23
12. Involutional Psychoses							1 1 4
13. Due to other Metabolic, etc. Diseases							0 1 1
14. Due to New Growth							2 0 2
15. With Organic Changes of Nervous System							1 0 1
16. Psychoneuroses							1 0 1
17. Manic-Depressive Psychoses							3 15 18
18. Dementia Praecox (Schizophrenia)							68 114 182
19. Paranoia and Paranoid Conditions							126 112 238
20. With Psychopathic Personality							3 3 6
21. With Mental Deficiency							11 12 23
22. Undiagnosed Psychoses							0 1 1
Total 1-22	0	1 1	2	0 2	2	1 3	270 317 587
Total 23-25	7	5 12	15	13 28	22	18 40	43 26 69
GRAND TOTAL	7	6 13	17	13 30	24	19 43	313 343 656

With Psychosis

TABLE No. 30
DISPOSAL OF FIRST AND RE-ADMISSIONS DURING THE YEAR
FOR CERTAIN PSYCHOSES—DISPOSAL AS AT MARCH 31st

DIAGNOSIS	Discharged			Died			Transferred			Eloped and not returned			On Probation			In Boarding Homes			Remaining in Hospitals			TOTAL ADMISSIONS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile Psychosis	5	4	9	47	34	81	1	0	1	-	-	-	3	8	11	6	3	9	44	76	120	106	125	231
Psychosis with Cerebral Arteriosclerosis	13	14	27	48	30	78	1	0	1	-	-	-	10	10	20	4	3	7	48	50	98	124	107	231
General Paresis	9	3	12	12	1	13	32	11	43	-	-	-	6	1	7	1	0	1	26	11	37	86	27	113
Alcoholic Psychosis	16	2	18	1	0	1	-	-	-	-	-	-	5	4	9	0	1	1	13	2	15	35	9	44
Manic Depressive Psychosis..	49	63	112	5	11	16	2	1	3	-	-	-	32	81	113	1	8	9	78	125	203	167	289	456
Dementia Praecox (Schizophrenia)	59	41	100	7	9	16	13	2	15	1	0	1	53	55	108	5	6	11	247	230	477	385	343	728
All Other Psychoses	63	99	162	17	21	38	9	1	10	1	0	1	27	66	93	4	3	7	123	176	299	244	366	610
Alcoholism without Psychoses	8	0	8	-	-	-	-	-	-	-	-	-	9	1	10	-	-	-	11	2	13	28	3	31
Others without Psychoses ...	68	26	94	9	7	16	7	7	14	1	4	5	24	10	34	1	0	1	204	214	418	314	268	582
TOTAL	290	252	542	146	113	259	65	22	87	3	4	7	169	236	405	22	24	46	794	886	1680	1489	1537	3026

TABLE 31
DISCHARGES† BY METHOD OF ADMISSION AND CONDITION ON DISCHARGE

METHOD OF ADMISSION	Recovered		Improved		Unimproved		Without Psychosis		TOTAL		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
	1. Voluntary Application (Sec. 19) Form (1).....	56	35	46	49	7	9	26	10	135	103
2. Two Physician's Certificates (Sec. 20) (Form 2, 3, or 26)	186	253	284	344	22	28	107	123	599	748	1347
3. Warrant of Deputy Minister (Sec. 25-30 Form 11)	29	13	102	26	0	2	28	22	159	63	222
4. Warrant of Lieutenant-Governor (Sec. 32).....	4	2	8	1	1	1	12	15	25	19	44
5. Order of Magistrate (Sec. 35) (Form 16).....	6	4	9	0	5	0	31	9	51	13	64
6. Warrant of Minister of Justice (Under Penitentiary Act)	-	-	-	-	-	-	-	0	2	0	2
7. Warrant of Deputy Minister for person deported (Sec. 64) (Form 36)	1	3	-	-	2	0	3	0	6	3	9
8. Habitué — Voluntary (Sec. 46) (Form 20).....	-	-	-	-	-	-	-	-	-	-	-
9. Habitué — Temporary Commitment — Two Physician's Certificates 30 days, (Sec. 52-53) (Form 25).....	-	-	-	-	-	-	-	-	-	-	-
10. Habitué — Warrant of Deputy Minister for Removal (Sec. 47-51) (Form 24)	3	0	-	-	-	-	17	7	20	7	27
11. Inspector's Warrant (Sec. 9) (3) Psych. Hospital Act.	4	5	5	4	-	-	-	-	9	9	18
TOTAL	289	315	454	424	37	40	226	186	1006	965	1971

†Includes patients deported and deaths while on probation (on visit) or while on elopement (on escape); Patients discharged while on elopement (on escape) are also included.

TABLE No. 32
DISCHARGES BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP															
	TOTAL		Under 10		10-14		15-19		20-24		25-29		30-34		35-39	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
01. With Syphilitic Meningo-Encephalitis	42	18	00	00	00	00	00	00	00	00	00	00	00	00	00	00
02. With other forms of Syphilis	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
03. With Epidemic Encephalitis	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
04. With other Infectious Diseases	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
05. Alcoholic Psychoses	33	4	37	1	0	1	0	0	1	0	1	0	0	1	0	1
06a. Due to Opium and Other Drugs	5	16	21	0	0	0	0	0	0	0	0	0	0	0	0	0
06b. Due to other Exogenous Toxins	1	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0
07. Traumatic Psychoses	7	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0
08. With Cerebral Arteriosclerosis	39	32	71	0	0	0	0	0	0	0	0	0	0	0	0	0
09. With other Disturbances of Circulation	4	8	12	0	0	0	0	0	0	0	0	0	0	0	0	0
10. With Convulsive Disorders (Epilepsy)	26	15	41	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Senile Psychoses	17	8	25	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Involutional Psychoses	34	68	102	0	0	0	0	0	0	0	0	0	0	0	0	0
13. Due to other Metabolic, etc. Diseases	3	23	26	0	0	0	0	0	0	0	0	0	0	0	0	0
14. Due to New Growth	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
15. With Organic Changes of Nervous System	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
16. Psychoneuroses	50	78	128	0	1	1	0	1	1	0	1	1	0	1	1	0
17. Manic-Depressive Psychoses	187	265	452	0	2	2	0	1	1	4	3	7	3	12	15	7
18. Dementia Praecox (Schizophrenia)	280	184	464	7	5	12	14	17	31	14	26	40	17	27	44	13
19. Paranoia and Paranoid Conditions	13	8	21	13	14	27	52	22	74	63	23	86	32	31	63	31
20. With Psychopathic Personality	5	3	8	0	0	0	0	0	0	0	0	0	0	0	0	0
21. With Mental Deficiency	17	25	42	0	1	1	0	1	1	0	1	1	0	1	1	0
22. Undiagnosed Psychoses	10	12	22	0	0	0	0	0	0	0	0	0	0	0	0	0
23la. Epileptics not Psychotic or Feeble-minded	33	22	55	0	0	0	0	0	0	0	0	0	0	0	0	0
23lb. Epileptics who are Feeble-minded	12	7	19	1	0	1	2	2	4	2	2	4	1	3	4	10
232. Alcoholism	23	5	28	0	0	0	0	0	0	0	0	0	0	0	0	0
233. Drug Addiction	5	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0
234. Mental Deficiency	93	129	222	2	2	4	8	5	13	25	40	65	14	17	31	4
235. Disorders of Personality	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
236. Psychopathic Personality	16	3	19	0	0	0	0	0	0	0	0	0	0	0	0	0
237. Other Non-Psychotic Conditions	15	3	18	0	0	0	0	0	0	0	0	0	0	0	0	0
24. Primary Behaviour Disorders	5	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0
25. Without Mental Disorder	21	6	27	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 1-22	780	779	1,559	0	0	0	23	24	47	77	51	128	90	79	169	73
Total 23-25	226	186	412	3	2	5	41	46	87	39	48	87	32	25	57	18
GRAND TOTAL	1006	965	1,971	3	2	5	64	70	134	116	99	215	122	104	226	91

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 32—Concluded
DISCHARGES BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP											Unascertained							
	40-44		45-49		50-54		55-59		60-64		65-69		70 and Over						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.		F.	M.	F.	T.			
01. With Syphilitic Meningo-Encephalitis.....	10	5	15	6	1	7	8	1	9	2	1	3	2	0	2				
02. With other forms of Syphilis.....	1	0	1	0	1	1													
03. With Epidemic Encephalitis.....	7	1	8	2	0	2	2	0	2	1	0	1	1	0	1	1	0	1	
04. With other Infectious Diseases.....	0	4	4	2	3	5	1	2	3	0	1	1	1	0	1	1	0	1	
05. Alcoholic Psychoses.....	0	1	1	0	1	1													
06a. Due to Opium and Other Drugs.....	0	1	1	2	1	3	2	3	5	6	3	9	11	6	17	6	9	15	11
07. Traumatic Psychoses.....	1	1	2	2	1	3	2	3	5	2	0	2	0	1	1	0	1	1	0
08. With Cerebral Arteriosclerosis.....	1	1	0	0	1	1	2	2	4	0	2	2	0	1	1	0	1	1	1
09. With other Disturbances of Circulation.....	3	0	3	4	2	6	0	4	4	2	2	4	2	0	2	0	1	1	0
10. With Convulsive Disorders (Epilepsy).....	2	5	7	9	13	22	2	22	24	9	15	24	5	10	15	7	1	8	0
11. Senile Psychoses.....	0	2	2	0	1	1	1	5	6	1	4	5	0	1	1	1	0	1	1
12. Involutional Psychoses.....																			
13. Due to other Metabolic, etc. Diseases.....																			
14. Due to New Growth.....																			
15. With Organic Changes of Nervous System.....																			
16. Psychoneuroses.....	8	9	17	18	9	17	9	5	14	1	1	2	0	3	3	0	6	6	1
17. Manic-Depressive Psychoses.....	22	27	49	13	29	42	33	32	65	26	29	55	13	19	32	10	9	19	5
18. Dementia Praecox (Schizophrenia).....	32	21	53	16	13	29	11	7	18	10	4	14	8	5	13	5	7	12	7
19. Paranoia and Paranoid Conditions.....	5	0	5	1	0	1	2	3	5	2	1	3	0	1	1	5	7	9	16
20. With Psychopathic Personality.....	1	0	1	1	1	2	0	1	1	0	2	1	1	0	1	1	1	2	3
21. With Mental Deficiency.....	0	3	3	2	4	6	2	8	0	2	2	2	1	0	1	1	0	1	1
22. Undiagnosed Psychoses.....	1	0	1	3	2	5	2	0	2				1	1	2				
231a. Epileptics not Psychotic or Feebleminded.....	3	2	5	1	0	1	4	1	5							0	1	1	1
231b. Epileptics who are Feebleminded.....																			
232. Alcoholism.....	2	2	4	2	1	3	3	0	3	3	0	3	2	0	2	1	0	1	
233. Drug Addiction.....	1	0	2	1	1	2													
234. Mental Deficiency.....	1	6	7	1	0	1	3	0	3	1	1	2	2	0	2	1	1	2	
235. Disorders of Personality.....	2	1	3	1	0	1	1	0	1	1	0	1				1	0	1	
236. Psychopathic Personality.....	1	1	2	2	0	2	2	0	2	3	0	3				1	0	1	
237. Other Non-Psychotic Conditions.....	2	0	2	1	0	1	2	0	2	1	0	1				0	1	1	
24. Primary Behaviour Disorders.....										1	0	1				0	1	1	
25. Without Mental Disorder.....										1	0	1				1	1	2	
Total 1-22.....	94	79	173	70	82	152	81	89	170	74	72	146	41	47	88	37	34	71	32
Total 23-25.....	13	12	25	10	3	13	13	1	14	11	1	12	5	1	6	4	3	7	3
GRAND TOTAL.....	107	91	198	80	85	165	94	90	184	85	73	158	46	48	94	41	37	78	35
																			40
																			72
																			0
																			3
																			0
																			0
																			5
																			0
																			5
																			0
																			5
																			0
																			5
																			0
																			5

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 33
DISCHARGES BY CONDITION ON DISCHARGE AND DIAGNOSIS

DIAGNOSIS	FIRST ADMISSIONS											
	RECOVERED			IMPROVED			UNIMPROVED			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
01. With Syphilitic Meningo-Encephalitis.....	13	3	16	21	12	33	1	0	1	35	15	50
02. With other forms of Syphilis.....	0	1	1	1	0	1	1	0	1	2	0	2
03. With Epidemic Encephalitis.....	2	1	3	0	1	1	1	0	1	1	1	3
04. With other Infectious Diseases.....	19	3	22	9	1	10	.....	.....	.....	28	4	32
05. Alcoholic Psychoses.....	2	6	8	1	7	8	.....	.....	.....	3	13	16
06a. Due to Opium and Other Drugs.....	0	0	4	1	0	1	.....	.....	.....	1	4	5
06b. Traumatic Psychoses.....	3	0	3	4	1	5	.....	.....	.....	7	1	8
07. With Cerebral Arteriosclerosis.....	7	4	11	29	18	47	1	3	4	37	25	62
08. With other Disturbances of Circulation.....	1	3	4	3	5	8	.....	.....	.....	4	8	12
09. With Convulsive Disorders (Epilepsy).....	9	6	15	9	3	12	0	1	1	18	10	28
10. With other Mental Disorders.....	1	0	1	13	6	19	3	2	5	17	8	25
11. Senile Psychoses.....	14	32	46	14	25	39	0	1	1	28	58	86
12. Involutional Psychoses.....	2	14	16	1	8	9	.....	.....	.....	3	22	25
13. Due to other Metabolic, etc. Diseases.....	.....	.....	.....	0	1	1	.....	.....	.....	0	1	1
14. Due to New Growth.....	.....	.....	.....	0	1	1	.....	.....	.....	0	1	1
15. With Organic Changes of Nervous System.....	.....	.....	.....	1	1	2	.....	.....	.....	2	1	3
16. Psychoneuroses.....	22	17	39	18	41	59	3	4	7	43	62	105
17. Manic-Depressive Psychoses.....	56	96	152	50	67	117	4	7	11	109	170	279
18. Dementia Praecox (Schizophrenia).....	57	34	91	158	93	251	15	10	25	231	137	368
19. Paranoia and Paranoid Conditions.....	2	0	2	10	4	14	.....	.....	.....	12	4	16
20. With Psychopathic Personality.....	1	1	2	2	0	2	.....	.....	.....	3	1	4
21. With Mental Deficiency.....	1	7	8	10	11	21	1	1	2	12	19	31
22. Undiagnosed Psychoses.....	3	3	6	4	7	11	2	2	4	9	12	21
Total 1-22	215	235	450	359	312	671	33	31	64	607	578	1,185
Total 23-25	.....	.....	.....	.....	.....	.....	.....	.....	.....	193	162	355
GRAND TOTAL	215	235	450	359	312	671	33	31	64	800	740	1,540

With Psychosis

TABLE No 33—(Concluded)

DISCHARGES BY CONDITION ON DISCHARGE AND DIAGNOSIS

DIAGNOSIS	RE-ADMISSIONS						TOTAL ADMISSIONS											
	RECOVERED		IMPROVED		UNIMPROVED		TOTAL		RECOVERED		IMPROVED		UNIMPROVED		TOTAL			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
01. With Syphilitic Meningo-Encephalitis.	2	0	2	5	3	8	7	3	10	15	3	18	26	15	41	1	0	1
02. With other forms of Syphilis.				0	1	1	0	1	1	0	1	1	1	1	1	2	1	3
03. With Epidemic Encephalitis.																1	0	1
04. With other Infectious Diseases.																2	1	0
05. Alcoholic Psychoses.	3	0	3	2	0	2	5	0	5	22	3	25	11	1	12			
06a. Due to Opium and Other Drugs.	1	2	3	1	1	2	2	3	5	3	8	11	2	8	10			
06b. Due to other Exogenous Toxins.	0	1	1				0	1	1	0	5	5	0	5	5			
07. Traumatic Psychoses.	1	0	1	1	6	7	2	7	9	3	0	3	4	1	5	1	1	8
08. With Cerebral Arteriosclerosis.																		
09. With other Disturbances of Circulation.	6	1	7	1	3	4	8	5	13	15	7	22	10	6	16	1	2	3
10. With Convulsive Disorders (Epilepsy).	3	4	7	3	6	9	6	10	16	17	36	53	17	31	48	0	1	1
11. Senile Psychoses.	0	1	1				0	1	1	2	15	17	1	8	9			
12. Involutional Psychoses.																		
13. Due to other Metabolic, etc. Diseases.																		
14. Due to New Growth.																		
15. With Organic Changes of Nervous System.																		
16. Psychoses.	3	6	9	4	7	11	7	16	23	25	23	48	22	48	70	1	0	1
17. Manic-Depressive Psychoses.	39	53	92	39	42	81	78	95	173	95	149	244	89	109	198	3	7	10
18. Dementia Praecox (Schizophrenia).	12	8	20	34	37	71	49	47	96	69	42	111	192	130	322	19	12	31
19. Paranoia and Paranoid Conditions.	1	0	1	0	2	2	1	4	5	3	0	3	10	6	16	0	2	2
20. With Psychomotor Personality.	2	1	3	0	0	2	2	2	2	2	2	5	2	5	2			
21. With Mental Deficiency.	1	3	4	4	3	7	5	6	11	2	10	12	14	14	28	1	1	2
22. Undiagnosed Psychoses.				1	0	1	1	0	1	3	3	6	5	7	12	2	2	4
Total 1-22	74	80	154	95	112	207	173	201	374	289	315	604	454	424	878	37	40	77
Total 23-25							33	24	57									
GRAND TOTAL	74	80	154	95	112	207	206	225	431	289	315	604	454	424	878	37	40	77
																780	779	1,559
																226	186	412
																1,006	965	1,971

WITH PSYCHOISIS

TABLE No. 34
DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

DIAGNOSIS	GRAND TOTAL		RECOVERED								Unas- certained	TOTAL RECOVERED					
	M.	F.	0-5 Months	6-11 Months	1-2 Years	3-4 Years	5 Years and over	M.	F.	T.							
01. With Syphilitic Meningo-Encephalitis.....	42	18	7	3	10	3	0	3	1	0	1	1	0	1	15	3	18
02. With other forms of Syphilis.....	2	1	3	3	3	3	0	1	1	1	1	1	1	1	0	1	1
03. With Epidemic Encephalitis.....	1	2	3	2	1	3	0	1	1	1	1	1	1	1	2	3	25
04. With other Infectious Diseases.....	2	1	3	2	1	3	1	0	1	1	1	1	1	1	3	3	11
05. Alcoholic Psychoses.....	33	4	37	19	2	21	2	1	0	1	1	1	0	1	3	8	11
06a. Due to Opium and Other Drugs.....	5	16	21	1	8	9	1	0	1	1	1	1	1	1	0	5	5
06b. Due to other Exogenous Toxins.....	1	5	6	0	4	4	0	1	0	1	1	1	1	1	0	3	3
07. Traumatic Psychoses.....	1	1	8	2	0	2	1	0	2	1	1	1	1	1	3	4	12
08. With Cerebral Arteriosclerosis.....	39	32	71	6	4	10	0	1	1	1	1	1	1	1	8	4	12
09. With other Disturbances of Circulation.....	4	8	12	1	2	3	0	1	1	1	1	1	1	1	1	4	5
10. With Convulsive Disorders (Epilepsy).....	17	15	41	6	2	8	1	0	1	4	2	6	2	3	5	15	7
11. Senile Psychoses.....	26	8	25	1	2	3	1	0	1	1	1	1	1	1	1	4	5
12. Involutional Psychoses.....	34	68	102	14	23	37	1	0	5	5	2	1	3	0	1	1	0
13. Due to other Metabolic, etc. Diseases.....	3	23	26	0	13	13	2	1	3	0	1	1	1	1	1	1	2
14. Due to New Growth.....	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15. With Organic Changes of Nervous System.....	2	1	3	2	3	5	0	5	5	1	0	1	1	1	2	3	6
16. Psychoneuroses.....	50	78	128	23	16	39	1	2	3	0	5	5	1	0	1	25	23
17. Manic-Depressive Psychoses.....	187	265	452	62	108	170	13	25	38	14	8	22	4	6	10	1	1
18. Dementia Praecox (Schizophrenia).....	280	184	464	39	24	63	16	7	23	9	5	14	3	3	6	1	3
19. Paranoia and Paranoid Conditions.....	13	8	21	2	0	2	1	0	1	1	1	1	1	1	1	0	1
20. With Psychopathic Personality.....	5	3	8	2	2	4	1	0	1	1	0	1	1	1	1	2	5
21. With Mental Deficiency.....	17	25	42	2	2	8	0	2	2	0	2	2	1	1	2	2	10
22. Undiagnosed Psychoses.....	10	12	22	1	3	4	2	0	2	1	1	1	1	1	1	3	3
Total 1-22	780	770	1,559	189	221	410	44	45	89	34	30	64	12	10	22	7	8
Total 23-25	226	186	412													3	1
GRAND TOTAL	1,006	965	1,971	189	221	410	44	45	89	34	30	64	12	10	22	7	8
																3	1
																4	4
																289	315
																601	604

TABLE No. 34—(Continued)
DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

DIAGNOSIS	IMPROVED										Total Improved						
	0-5 Months	6-11 Months	1-2 Years	3-4 Years	5 Years and over	Uncertained	M.	F.	T.	M.		F.	T.				
01. With Syphilitic Meningo-Encephalitis	14	9	23	7	2	9	3	2	5	0	2	2	0	2	26	15	41
02. With other forms of Syphilis	1	0	1				0	1	1						1	1	2
03. With Epileptic Encephalitis							0	1	1						0	1	1
04. With other Infectious Diseases	4	1	5	2	0	2	3	0	3			2	0	2	11	1	12
05. Alcoholism	1	2	3	1	5	6	0	1	1						2	8	10
06a. Due to Opium and Other Drugs	1	0	1	1	0	1	1	0	1						1	0	1
06b. Due to other Exogenous Toxins	18	13	31	8	7	15	3	1	4	0	2	2	1	1	30	24	54
07. Traumatic Psychoses	2	2	4	1	1	3	0	1	1						3	4	7
08. With Cerebral Arteriosclerosis	6	1	7	2	1	3	2	4	6						10	6	16
09. With other Disturbances of Circulation	5	2	7	4	1	5	4	3	7						13	6	19
10. With Convulsive Disorders (Epilepsy)	7	16	23	2	5	7	8	6	14	0	3	3	0	1	17	31	48
11. Senile Psychoses	1	5	6	0	2	2	0	1	1						1	8	9
12. Involutional Psychoses							0	1	1						0	1	1
13. Due to Inter Metabolic, etc. Diseases	1	1	2				0	1	1						0	1	1
14. Due to New Growth																	
15. With Organic Changes of Nervous System	14	37	51	2	6	8	6	4	10	0	1	1	0	1	22	48	70
16. Psychoses	33	41	74	22	38	60	18	22	40	7	4	11	9	5	89	110	199
17. Manic-Depressive Psychoses	68	50	118	42	24	66	31	27	58	12	6	18	39	23	192	130	322
18. Dementia Praecox (Schizophrenia)	3	4	7	4	0	4	2	0	2	1	0	1	0	2	10	6	16
19. Paranoia and Paranoid Conditions	0	1	1				1	0	1						2	1	3
20. With Psychopathic Personality	5	8	13	5	3	8	0	1	1	0	1	1	4	1	14	14	28
21. With Mental Deficiency	1	2	3	2	3	5	1	2	3				1	0	5	7	12
22. Undiagnosed Psychoses																	
Total 1-22	185	195	380	105	98	203	84	78	162	21	19	40	59	34	454	424	878
Total 23-25																	
GRAND TOTAL	185	195	380	105	98	203	84	78	162	21	19	40	59	34	474	424	424

WITH PSYCHOSES

TABLE 34—(Concluded)
DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

DIAGNOSIS	UNIMPROVED							WITHOUT MENTAL DISORDER		
	0-5 Months	6-11 Months	1-2 Years	3-4 Years	5 Years and over	Unas- certained	Total Improved	0-5 Months	6 Months and over	TOTAL
	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.	M. F. T.
01. With Syphilitic Meningo-Encephalitis	1 0 1						1 0 1			
02. With other forms of Syphilis		1 0 1					1 0 1			
03. With Epidemic Encephalitis				1 0 1			1 0 1			
04. With other Infectious Diseases										
05. Alcoholic Psychoses										
06a. Due to Opium and Other Drugs										
06b. Due to other Exogenous Toxins										
07. Traumatic Psychoses	0 4 4	1 0 1					1 4 5			
08. With Cerebral Arteriosclerosis										
09. With other Disturbances of Circulation	0 1 1	1 0 1		0 1 1			1 2 3			
10. With Convulsive Disorders (Epilepsy)	3 2 5	0 1 1					3 2 5			
11. Senile Psychoses		0 1 1					0 1 1			
12. Involutional Psychoses										
13. Due to other Metabolic, etc. Diseases										
14. Due to New Growth										
15. With Organic Changes of Nervous System			1 0 1				1 0 1			
16. Psychoneuroses	2 7 9	1 0 1					3 7 10			
17. Manic-Depressive Psychoses	1 4 5		2 2 4		0 1 1		3 7 10			
18. Dementia-Præcox (Schizophrenia)	15 4 19	1 3 4	2 2 4	0 1 1	1 2 3		19 12 31			
19. Paranoia and Paranoid Conditions	0 1 1			0 1 1			0 2 2			
20. With Psychopathic Personality										
21. With Mental Deficiency	1 1 2	1 1 2					1 1 2			
22. Undiagnosed Psychoses	2 2 4						2 2 4			
Total 1-22	25 26 51	5 4 9	5 4 9	1 3 4	1 3 4		37 40 77			
Total 23-25								116 41 157	110 145 255	226 186 412
GRAND TOTAL	25 26 51	5 4 9	5 4 9	1 3 4	1 3 4		37 40 77	116 41 157	110 145 255	226 186 412

TABLE No. 35
DISCHARGES BY CONDITION ON DISCHARGE AND LENGTH OF STAY IN HOSPITAL*

IN HOSPITAL* LENGTH OF STAY	FIRST ADMISSIONS				RE-ADMISSIONS				ALL ADMISSIONS						
	Recov.	Imp.	Unimp.	Without Psy- chosis	TOTAL	Recov.	Imp.	Unimp.	Without Psy- chosis	TOTAL	Recov.	Imp.	Unimp.	Without Psy- chosis	TOTAL
0-5 months	322	299	45	134	800	90	80	7	22	199	412	379	52	156	999
6-11 months	67	166	7	44	284	22	38	2	12	74	89	204	9	56	358
1-2 years	40	113	6	78	237	24	49	2	15	90	64	162	8	93	327
3-4 years	11	23	2	44	80	9	17	2	2	30	20	40	4	46	110
5 years and over	10	70	4	55	139	5	23	0	6	34	5	93	4	61	173
Unascertained .....	.....	.....	.....	.....	.....	4	.....	.....	.....	4	4	.....	.....	.....	4
TOTAL	450	671	64	355	1540	154	207	13	57	431	604	878	77	412	1971

* This admission.

TABLE No. 36
DEATHS BY DIAGNOSIS

	DIAGNOSIS	First Admissions			Re-Admissions			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	36	8	44	4	2	6	40	10	50
	02. With other forms of Syphilis....	2	0	2	-	-	-	2	0	2
	03. With Epidemic Encephalitis.....	3	2	5	-	-	-	3	2	5
	4. With other Infectious Diseases..	3	1	4	-	-	-	3	1	4
	05. Alcoholic Psychoses	1	1	2	1	0	1	2	1	3
	06a. Due to Opium and Other Drugs.	-	-	-	-	-	-	-	-	-
	06b. Due to other Exogenous Toxins.	-	-	-	-	-	-	-	-	-
	07. Traumatic Psychoses	0	1	1	-	-	-	0	1	1
	08. With Cerebral Arteriosclerosis...	81	65	146	6	3	9	87	68	155
	09. With other Disturbances of Circulation	3	6	9	-	-	-	3	6	9
	10. With Convulsive Disorders (Epilepsy)	9	8	17	4	1	5	13	9	22
	11. Senile Psychoses	75	91	166	4	2	6	79	93	172
	12. Involutional Psychoses	8	11	19	1	2	3	9	13	22
	13. Due to other Metabolic, etc. Diseases	4	11	15	0	2	2	4	13	17
	14. Due to New Growth	1	2	3	0	1	1	1	3	4
	15. With Organic Changes of Nervous System	11	5	16	1	1	2	12	6	18
	16. Psychoneuroses	0	3	3	2	0	2	2	3	5
	17. Manic-Depressive Psychoses	9	31	40	2	11	13	11	42	53
	18. Dementia Praecox (Schizophrenia)	69	71	140	13	19	32	82	90	172
	19. Paranoia and Paranoid Conditions	1	7	8	-	-	-	1	7	8
	20. With Psychopathic Personality ..	-	-	-	-	-	-	-	-	-
	21. With Mental Deficiency	8	4	12	0	2	2	8	6	14
22. Undiagnosed Psychoses	2	2	4	-	-	-	2	2	4	
Without Psychosis	231a. Epileptics not Psychotic or Feeble-minded	2	0	2	-	-	-	2	0	2
	231b. Epileptics who are Feeble-minded	5	4	9	0	1	1	5	5	10
	232. Alcoholism	-	-	-	-	-	-	-	-	-
	233. Drug Addiction	-	-	-	-	-	-	-	-	-
	234. Mental Deficiency	32	30	62	2	2	4	34	32	66
	235. Disorders of Personality	-	-	-	-	-	-	-	-	-
	236. Psychopathic Personality	-	-	-	-	-	-	-	-	-
	237. Other Non-Psychotic Conditions	0	1	1	-	-	-	0	1	1
	24. Primary Behaviour Disorders ...	-	-	-	-	-	-	-	-	-
	25. Without Mental Disorder	-	-	-	-	-	-	-	-	-
	Total 1-22	326	330	656	38	46	84	364	376	740
	Total 23-25	39	35	74	2	3	5	41	38	79
	GRAND TOTAL	365	365	730	40	49	89	405	414	819

TABLE No. 37
DEATHS BY TOTAL DURATION OF HOSPITAL LIFE

LENGTH OF STAY	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Under 1 month	76	56	132	1	3	4	77	59	136
1 - 3 months	56	49	105	0	3	3	56	52	108
4 - 7 months	30	19	49	4	1	5	34	20	54
8 - 11 months	17	26	43	3	0	3	20	26	46
1 - 2 years	41	56	97	6	14	20	47	70	117
3 - 4 years	28	23	51	4	4	8	32	27	59
5 - 6 years	23	17	40	5	1	6	28	18	46
7 - 8 years	12	20	32	2	3	5	14	23	37
9 - 10 years	13	10	23	2	3	5	15	13	28
11 years and over	70	89	159	12	17	29	82	106	188
TOTAL DEATHS	366	365	731	39	49	88	405	414	819

TABLE No. 38—(Continued)

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	P S Y C H O S E S														
	Psychor- neurosis		Manic- Depressive		Dementia Præcox (Schizophrænia)		Paranoia and Paranoid Conditions		With Mental Deficiency		All Other		Without Psychoses and Primary Behaviour Disorders		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
Infectious and Parasitic Diseases															
Typhoid and paratyphoid fever															
Meningitis															
Scarlet fever															
Diphtheria															
Influenza															
Dysentery			1	0	1										
Tuberculosis of the respiratory system			1	4	5	19	11	30							
Other forms of tuberculosis			0	1	1	1	1	2							
Syphilis															
Parulnt infection, septicaemia			3	1	4										
Other infectious and parasitic diseases			2	0	2										
Cancer and other Tumours															
Cancer and other malignant tumour			3	2	5	5	9	14	0	2	2	1	1	2	
Tumours, non-malignant and unspecified															
Rheumatic Diseases, Diseases of Nutrition and of Endocrine Glands and Other General Diseases															
Acute rheumatic fever															
Chronic rheumatism and gout															
Diabetes mellitus			0	1	1										
Diseases of the thyroid and parathyroid glands									0	1	1				
Other general diseases															
Diseases of the Blood and Blood Forming Organs															
Anæmia															
Leukæmia, leukaemias, and other diseases of the blood and blood forming organs			0	1	1										
Chronic Poisonings and Intoxications															
Alcoholism (acute or chronic)													0	1	1
Other chronic poisonings															
Diseases of the Nervous System and Organs of Special Sense															
Simple Mania															
Progressive locomotor ataxia (tabes dorsalis)															
General hæmorrhage, cerebral embolism and thrombosis			0	2	2	6	12	18	0	1	1	2	1	3	
Cerebral paralysis of the insula															
Dementia præcox and other psychoses			3	9	12	2	1	3							
Epilepsy			1	0	1	1	1	2							
Other diseases of the nervous system															
Diseases of the eye, ear and their annexa															
Diseases of the Circulatory System															
Pericarditis															
Acute and chronic endocarditis, valvular diseases			1	1	2										
Diseases of the myocardium			1	2	3	17	19	30	0	1	1	0	1	1	
Diseases of the coronary arteries and angina pectoris			0	1	1	2	3	5							
Other diseases of the heart			0	2	2	0	2	2							
Arteriosclerosis			1	0	1	0	3	3							
Other diseases of the circulatory system						2	0	2							

TABLE No. 38 (Continued)
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	TOTAL		P S Y C H O S E S						Senile		Involuntal							
	M.	F.	General Paralysis		Alcoholic		With Cerebral Arteriosclerosis		With Convulsive Disorders (Epile.)		M.	F.	T.	M.	F.	T.		
			M.	F.	M.	F.	M.	F.	M.	F.							M.	F.	T.
Diseases of the respiratory System	1	0	1															
Bronchitis.....	107	119	226	10	1	11	1	0	1									
Pneumonias (lobar, broncho and unspecified)							31	21	52				28	41	69			
Pleurisy.....	5	8	13	1	0	1	0	2	2				1	0	1			
Other diseases of the respiratory system (not tuberculosis)																		
Diseases of the Digestive System	1	1	2	1	0	1												
Ulcer of the stomach or duodenum.....																		
Diarrhoea and enteritis.....	1	0	1															
Appendicitis.....	1	0	1															
Hernia, intestinal obstruction.....	0	3	3										0	1	1			
Cirrhosis of the liver.....	1	1	2															
Other diseases of the liver and biliary passages including biliary calculi	3	1	4										1	0	1			
Other diseases of the digestive system.....	4	1	5				1	0	1				1	0	1			
Diseases of the Genito-Urinary System	2	2	4				2	0	2									
Nephritis.....																		
Other diseases of the kidneys and urtrurs.....																		
Calculi of the urinary passages.....																		
Diseases of the bladder (tumours excepted)																		
Diseases of the urethra, urinary abscess, etc.....																		
Diseases of the prostate.....																		
Diseases of the genital organs, not specified as venereal																		
Diseases of Pregnancy, Childbirth and Puerperal State	0	1	1															
Puerperal septicæmia.....																		
Other diseases of pregnancy, childbirth and puerperal state.....	1	3	4				1	2	3				0	1	1			
Diseases of the Skin and Cellular Tissue.....	3	5	8				1	2	3				1	0	1			
Diseases of the Bone and Organs of Locomotion																		
Congenital malformations.....	6	0	6				1	0	1				5	0	5			
Senility.....																		
Violent or Accidental Death	2	1	3	1	0	1												
Suicide.....																		
Homocide.....																		
Accidental drowning.....	1	1	2															
Accidental burns.....	2	1	3	1	0	1												
Other accidents.....	1	1	2	0	1	1												
Ill-Defined Causes of Death.....																		
GRAND TOTAL.....	405	414	819	40	10	50	87	68	155	13	9	22	81	94	175	7	12	19

TABLE No. 38—(Concluded)
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	P S Y C H O S E S												Without Psychoses and Primary and Behaviour Disorders								
	Psycho-neurosis		Manic-Depressive		Dementia Praecox (Schizophrenia)		Paranoia and Paranoid Conditions		With Mental Deficiency		All Other										
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	T.					
Diseases of the respiratory System																					
Bronchitis.....																					
Pneumonia(Lobar, broncho and unspecified—)																					
Pleurisy.....																					
Other diseases of the respiratory system (not tuberculosis)																					
Diseases of the Digestive System																					
Ulcer of the stomach or duodenum.....																					
Diarrhoea and enteritis.....																					
Appendicitis.....																					
Hernia, intestinal obstruction.....																					
Cirrhosis of the liver.....																					
Other diseases of the liver and biliary passages including biliary calculi																					
Other diseases of the digestive system.....																					
Diseases of the Genito-Urinary System																					
Nephritis.....																					
Other diseases of the kidneys and ureters.....																					
Calculi of the urinary passages.....																					
Diseases of the bladder (tumours excepted)																					
Diseases of the urethra, urinary abscess, etc.,																					
Diseases of the prostate.....																					
Diseases of the genital organs, not specified as venereal.....																					
Diseases of Pregnancy, Childbirth and the Puerperal State																					
Puerperal septicæmia.....																					
Other diseases of pregnancy, childbirth and puerperal state.....																					
Diseases of the Skin and Cellular Tissue																					
Diseases of the Bones and Organs of Locomotion.....																					
Congenital malformations.....																					
Senility.....																					
Violent or Accidental Death.....																					
Suicide.....																					
Homicide.....																					
Accidental drowning.....																					
Accidental burns.....																					
Other accidents.....																					
Ill-Defined Causes of Death.....																					
GRAND TOTAL.....	2	3	5	11	42	53	82	90	172	1	7	8	8	6	14	30	34	64	41	38	79

TABLE No. 39
DEATHS BY AGE, SEX AND DIAGNOSIS

DIAGNOSIS	AGE GROUP							TOTAL	
	Under 10	10-14	15-19	20-24	25-29	30-34	35-39		
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.		
01. With Syphilitic Meningo-Encephalitis	50		1 0 1	1 0 1		2 0 2	4 0 4		
02. With other forms of Syphilis	2 0					0 1 1	0 1 1		
03. With Epidemic Encephalitis	3 2			0 1 1		2 0 2	2 0 2		
04. With other Infectious Diseases	3 1 4					1 0 1	1 0 1		
05. Alcoholic Psychoses	2 1 3								
06a. Due to Opium and Other Drugs									
06b. Due to other Exogenous Toxins									
07. Traumatic Psychoses	0 1								
08. With Cerebral Arteriosclerosis	87 68	155							
09. With other Disturbances of Circulation	3 6	9							
10. With Convulsive Disorders (Epilepsy)	13 9	22		0 2 2		1 0 1			
11. Senile Psychoses	81 94	175							
12. Involutional Psychoses	7 12	19							
13. Due to other Metabolic, etc. Diseases	4 13	17		1 1 2					
14. Due to New Growth	1 3	4							
15. With Organic Changes of Nervous System	12 6	18					1 1 2		
16. Psychoneuroses	2 3	5							
17. Manic-Depressive Psychoses	11 42	53		1 1 2		0 1 1	0 1 1		
18. Dementia Praecox (Schizophrenia)	82 90	172		3 1 4		4 2 6	2 3 5		
19. Paranoia and Paranoid Conditions	1 1	7					15 5 20		
20. With Psychopathic Personality									
21. With Mental Deficiency	8 6	14		1 0 1		1 1 2	0 1 1		
22. Undiagnosed Psychoses	2 2	4		1 0 1					
<hr/>									
231a. Epileptics not Psychotic or Feeble-minded	2 0	2		1 0 1					
231b. Epileptics who are Feeble-minded	5 5	10		0 1 1		2 0 2			
232. Alcoholism									
233. Drug Addiction									
234. Mental Deficiency	34 32	66		5 2 7		3 4 7	2 1 3		
235. Disorders of Personality							1 1 2		
236. Psychopathic Personality							0 3 3		
237. Other Non-Psychotic Conditions									
24. Primary Behaviour Disorders	0 1	1							
25. Without Mental Disorder									
<hr/>									
Total 1-22	364	376	740		1 0 1	8 6 14	4 3 7	9 7 16	20 9 29
<hr/>									
Total 23-25	41	38	79		7 6 13	6 2 8	4 1 5	3 1 4	0 3 3
<hr/>									
GRAND TOTAL	405	414	819		7 6 13	6 2 8	8 4 12	12 8 20	20 12 32

With Psychosis

Without Psychosis

TABLE No. 39—(Concluded)
DEATHS BY AGE, SEX AND DIAGNOSIS

DIAGNOSIS	AGE GROUP													
	40-44	45-49	50-54	55-59	60-64	65-69	70 and Over	Unascertained						
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. F. F.	M. F. T.	M. F. T.	M. F. T.	M. F. T.					
01. With Syphilitic Meningo-Encephalitis.....	6	1	7	5	0	5	8	1	9	3	2	5		
02. With other forms of Syphilis.....	1	0	1	1	0	1	1	0	1				1	0
03. With Epidemic Encephalitis.....				1	0	1							1	0
04. With other Infectious Diseases.....	1	0	1				0	1	1					
05. Alcoholic Psychoses.....	1	0	1											
06a. Due to Opium and Other Drugs.....														
06b. Due to other Exogenous Toxins.....														
07. Traumatic Psychoses.....				2	3	5	17	10	27	14	15	29	48	34
08. With Cerebral Arteriosclerosis.....				1	1	2	1	2	4	1	3	0	1	1
09. With other Disturbances of Circulation.....	3	0	3	1	1	2	4	1	5	2	1	3	0	2
10. With Convulsive Disorders (Epilepsy).....							1	6	7	7	7	14	73	81
11. Senile Psychoses.....				2	1	3	3	4	7	0	2	2	2	2
12. Involutional Psychoses.....				0	1	1	3	3	4	0	2	2	0	2
13. Due to other Metabolic, etc. Diseases.....	0	1	1	0	2	2	0	1	1	1	1	1	2	2
14. Due to New Growth.....				0	0	1	0	1	1	1	1	2	2	0
15. With Organic Changes of Nervous System.....	0	2	2	1	1	2	4	0	4	3	1	4	1	1
16. Psychoneuroses.....				0	1	1	1	1	1	0	1	1	2	2
17. Manic-Depressive Psychoses.....				0	1	1	0	1	1	1	1	1	2	1
18. Dementia Praecox (Schizophrenia).....	1	3	4	2	5	7	7	1	5	6	4	4	8	2
19. Paranoia and Paranoid Conditions.....	5	5	10	9	9	18	10	14	24	9	13	22	11	24
20. With Psychopathic Personality.....				0	3	3	1	2	3	0	3	2	0	2
21. With Mental Deficiency.....				0	1	1	2	0	2	1	1	2	1	1
22. Undiagnosed Psychoses.....				1	0	1	2	2	4	0	1	1	0	1

23 la. Epileptics not Psychotic or Feeble-minded.....				1	0	1								
23 lb. Epileptics who are Feeble-minded.....				1	0	1								
232. Alcoholism.....													0	1
233. Drug Addiction.....														
234. Mental Deficiency.....	1	3	4	3	2	5	0	2	2	2	2	4	1	2
235. Disorders of Personality.....														
236. Psychopathic Personality.....														
237. Other Non-Psychotic Conditions.....														
24. Primary Behaviour Disorders.....														
25. Without Mental Disorder.....				0	1	1								

Total 1-22.....	17	12	29	13	19	32	27	25	52	30	33	63	47	50
Total 23-25.....	1	3	4	4	2	6	1	4	5	2	2	4	1	2
GRAND TOTAL.....	18	15	33	17	21	38	28	29	57	32	35	67	48	52
Total 1-22.....														
Total 23-25.....														
GRAND TOTAL.....														
													1	0
													1	0
													1	0

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 40
DEATHS BY TOTAL DURATION OF HOSPITAL LIFE AND DIAGNOSIS

TOTAL		TOTAL DURATION OF HOSPITAL LIFE										M. F. T.						
		Less than 1 month	1-3 months	4-7 months	8-11 months	1-2 years	3-4 years	5-6 years										
M.	F.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.					
DIAGNOSIS																		
40	10	50	6	0	6	5	2	7	8	1	9	3	0	3				
2	0	2	1	0	1	1	0	1	1	0	1	1	0	1				
3	2	5	3	0	3	0	1	1	0	2	2	1	0	1				
2	1	3	1	0	1	1	0	1	1	1	2	1	1	2				
0	1	1	0	1	1													
87	68	155	26	17	43	21	14	35	11	9	20	2	6	8				
3	6	9	3	1	4	0	4	4	0	1	1	0	1	1				
13	9	22	0	1	1	0	1	1	1	2	3	2	0	2				
81	94	175	27	18	45	15	18	33	6	9	15	11	8	19				
7	12	19	0	1	1	2	1	3	0	1	1	2	1	3				
4	13	17	2	4	6	0	1	1	0	1	1	1	3	4				
12	3	15	0	1	1	0	1	1	1	0	1	1	2	3				
12	3	15	2	1	3	1	0	1	2	0	2	1	0	1				
11	3	14	0	1	1	0	1	1	1	2	3	1	0	1				
11	3	14	0	1	1	0	1	1	1	0	1	1	0	1				
11	3	14	0	1	1	0	1	1	1	0	1	1	0	1				
11	3	14	0	1	1	0	1	1	1	0	1	1	0	1				
11	3	14	0	1	1	0	1	1	1	0	1	1	0	1				
82	90	172	3	2	5	1	2	3	2	0	2	1	2	3				
1	7	8																
8	6	14	1	1	2	1	0	1	1	0	1	1	1	2				
2	2	4	1	1	2													
2	0	2				1	0	1				1	0	1				
5	5	10	1	0	1	1	0	1	0	1	1	0	1	1				
34	32	66	0	2	2	7	4	11	1	0	1	3	3	6				
0	1	1				0	1	1										
364	376	740	76	57	133	47	47	94	33	21	54	20	24	44				
41	38	79	1	2	3	9	5	14	1	0	1	4	4	8				
405	414	819	77	59	136	56	52	108	34	21	55	20	25	45				
Total 1-22													43	66	109	28	25	53
Total 23-25													4	4	8	4	2	6
GRAND TOTAL													47	70	117	32	27	59
With Psychosis																		
WITHOUT PSYCHOSIS																		
231a. Epileptics not Psychotic or Feeble-minded.																		
231a. Epileptics who are Feeble-minded.																		
232. Alcoholism.																		
233. Drug Addiction.																		
234. Mental Deficiency.																		
235. Disorders of Personality.																		
236. Psychopathic Personality.																		
237. Other Non-psychotic Conditions.																		
24. Primary Behaviour Disorders.																		
25. Without Mental Disorder.																		

TABLE No. 40—(Concluded)
DEATHS BY TOTAL DURATION OF HOSPITAL LIFE AND DIAGNOSIS

DIAGNOSIS	TOTAL DURATION OF HOSPITAL LIFE							Unascertained
	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.
01. With Syphilitic Meningo-Encephalitis.								
02. With other forms of Syphilis.								
03. With Epidemic Encephalitis.								
04. With other Infectious Diseases.								
05. Alcoholic Psychoses.								
06a. Due to Opium and Other Drugs.								
06b. Due to other Exogenous Toxins.								
07. Traumatic Psychoses.								
08. With Cerebral Arteriosclerosis.								
09. With other Disturbances of Circulation.								
10. With Convulsive Disorders (Epilepsy)								
11. Senile Psychoses.								
12. Involutional Psychoses.								
13. Due to other Metabolic, etc. Diseases.								
14. Due to New Growth.								
15. With Organic Changes of Nervous System.								
16. Psychonuroses.								
17. Manic-Depressive Psychoses.								
18. Dementia Praecox (Schizophrenia)								
19. Paranoia and Paranoid Conditions								
20. With Psychopathic Personality.								
21. With Mental Deficiency								
22. Undiagnosed Psychoses.								
231a. Epileptics not Psychotic or Feebleminded								
231b. Epileptics who are Feebleminded								
232. Alcoholism.								
233. Drug Addiction								
234. Mental Deficiency								
235. Disorders of Personality.								
236. Psychopathic Personality								
237. Other Non-Psychotic Conditions								
24. Primary Behaviour Disorders								
25. Without Mental Disorder.								
Total 1-22	13 17 30	12 13 25	9 11 20	10 16 26	15 14 29	32 49 81	0 1 1	
Total 23-25	2 6 8	2 0 2	2 2 4	1 0 1	3 3 6	10 10 20	0 0 0	
GRAND TOTAL	15 23 38	14 13 27	11 13 24	11 16 27	18 17 35	42 59 101	0 1 1	

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 41
PROPERTY STATISTICS
YEAR ENDING MARCH 31st, 1942

HOSPITAL	Date Hospital Opened	Acreage		Acres in Fruit and Vegetables	Acres in Grain	Acres in Buildings and Grounds	Acres in Bush or Not Cultivated
		Owned	Rented				
Brockville ..	1894	569	—	40	369	35	125
Cobourg	1901	12	—	4	0	8	0
Fort William	1936	1,250	—	15	510	25	700
Hamilton ...	1876	525	—	112	339	74	0
Kingston	1854	258	40	30	202	66	0
Langstaff ...	1939	0	790	176	554	10	50
London	1870	505	—	197	160	110	38
New Toronto	1890	136	—	60	5	65	6
Orillia	1876	500	30	98	180	100	152
Penetang ...	1904	383	—	78	31	25	249
Toronto	1846	20	—	3	0	17	0
Whitby	1920	640	—	125	365	150	0
Woodstock ..	1906	354	—	29	195	90	40
ALL HOSPITALS		5,152	860	967	2,910	775	1,360

TABLE No. 42
 CLASSIFICATION OF STAFF BY HOSPITAL.
 YEAR ENDING MARCH 31st, 1942

HOSPITAL	TOTAL STAFF	Superintendent	Physicians (not on ward duty)	Physicians (on ward duty)	Medical Consultants	Psychologists	Psychometrists	Pathologists	Occupational Therapists	Dentists	Dietitians	Teachers	Instructors	Social Service Workers	Superintendent of Nurses	Graduate Nurses (not on ward Duty)	Graduate Nurses (on ward duty)	Nurses-in-Training (not on ward duty)	Nurses-in-Training (on ward duty)
BROCKVILLE.....	251	1	1	5	1	1	0	2	1	1	1	0	2	1	1	6	45	25	30
COBURN.....	69	1	0	1	0	0	0	0	0	1	0	0	0	1	1	1	34	0	0
FORT WILLIAM.....	30	1	0	1	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0
HAMILTON.....	285	1	1	6	2	1	1	4	4	1	1	0	1	1	1	3	44	0	53
KINGSTON.....	229	1	2	4	1	1	1	4	4	1	1	0	1	1	1	1	41	29	0
LANGSTAFF.....	61	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LONDON.....	354	1	1	9*	1	1	1	4	4	1	1	0	3	1	1	1	83	17	44
NEW TORONTO.....	301	1	0	6	6	0	0	4	4	1	1	0	2	1	1	2	63	0	63
ORILLIA.....	261	1	1	4	1	1	0	0	0	2	2	12	3	1	1	1	33	0	29
PENETANG.....	125	1	0	2	0	0	0	1	1	1	0	1	0	0	1	7	0	0	0
TORONTO.....	227	1	0	6	4	0	0	5	5	1	1	0	0	2	1	0	79	2	0
WHITBY.....	352	1	1	7	2	0	0	5	5	1	1	0	1	0	1	3	109	0	43
WOODSTOCK.....	288	1	1	6	0	0	5	3	3	1	1	0	0	0	2	2	79	0	0
ALL HOSPITALS.....	2,833	13	8	57	18	5	8	32	14	10	13	13	13	9	13	27	611	73	262

* Includes 3 Medical Internes

TABLE No. 42 (Concluded)
CLASSIFICATION OF STAFF BY HOSPITAL
YEAR ENDING MARCH 31, 1942

HOSPITAL	Nurse Attendants (not on ward duty)	Nurses Attendants (on ward duty)	Chief Attendant	Attendants (not on ward duty)	Attendants (on ward duty)	Steward, Stockkeeper and Store Assistants	Clerical and Stenographic Staff		Kitchen and Dining Room Help		Laundry Help		Other Domestic Help	Farmers, Gardeners, and Assistants	Engineers and other Mechanical Help	Other Male Help	Other Female Help
							M.	F.	M.	F.	M.	F.					
BROCKVILLE.....	0	0	1	1	63	3	2	8	5	3	1	6	7	8	16	3	1
COBourg.....	0	1	0	1	0	2	0	3	1	4	0	2	2	1	7	4	1
FORT WILLIAM.....	0	0	1	4	10	1	0	1	1	3	0	0	0	3	1	0	0
HAMILTON.....	0	0	1	3	77	3	2	9	5	9	2	7	1	16	23	3	3
KINGSTON.....	1	0	1	78	0	3	1	6	6	0	1	4	7	5	21	2	3
LANGSTAFF.....	0	0	1	1	34	2	1	1	2	0	0	0	0	14	3	0	0
LONDON.....	0	1	1	2	84	4	0	9	3	13	3	6	21	12	20	3	2
NEW TORONTO.....	0	0	1	1	88	3	12	1	10	3	5	0	1	2	17	4	2
ORILLIA.....	4	16	1	4	59	3	4	11	9	12	2	5	3	8	20	4	4
PESSENG.....	17	0	1	0	58	2	0	2	2	5	1	3	1	5	7	5	2
TORONTO.....	0	0	1	3	61	3	1	5	4	8	2	6	6	1	10	12	2
WHITBY.....	2	0	1	7	91	4	3	11	7	9	2	5	4	10	2	2	0
WOODSTOCK.....	2	23	1	7	78	3	1	11	7	20	3	4	1	7	13	5	1
ALL HOSPITALS.....	26	41	12	112	703	36	27	78	62	89	22	48	54	92	177	47	21

*Includes 3 Medical Internes

TABLE No. 43
EXPENDITURE REPORTED BY ONTARIO HOSPITALS
APRIL 1st, 1941 TO MARCH 31st, 1942

HOSPITALS.....	ALL HOSPITALS	BROCKVILLE	COBURG	FORT WILLIAM	HAMILTON	KINGSTON	LANGSTAFF
Total Days Stay.....	5,269,962	417,078	154,415	32,940	542,053	427,100	95,168
Average Daily Population.....	14,531	1,142	423	90	1,485	1,170	348
Medicines*.....	96,163.62	4,635.64	1,934.87	1,270.47	11,622.96	7,225.17	2,433.92
Provisions.....	932,445.81	71,757.07	26,772.88	7,324.21	90,546.08	72,792.59	24,001.58
Boarding-Out.....	127,112.10	9,641.03	704.01	.....	6,882.57	16,335.03	12.21
Fuel, Light and Water.....	437,476.30	33,321.22	15,269.14	3,741.57	56,362.74	39,305.60	7,386.04
Clothing.....	150,376.86	9,045.63	4,569.81	1,541.18	14,761.16	12,298.27	3,642.37
Laundry and Cleaning.....	75,830.44	4,790.82	2,570.60	1,130.79	7,436.68	5,383.77	1,399.57
Furniture and Furnishings.....	127,781.67	8,513.39	3,759.33	1,492.36	13,583.48	7,942.69	853.87
Office Expense.....	23,092.42	1,618.66	1,122.66	356.43	2,895.52	1,949.69	830.42
Allowances †.....	183,839.71	17,295.36	8,096.73	2,288.11	23,917.82	15,617.43	3,201.83
Feed, Fodder and Livestock.....	166,289.92	21,002.25	125.00	5,592.71	25,625.52	8,788.56	26,023.22
Farm Expense.....	39,424.78	3,708.50	411.07	726.69	5,375.70	2,930.47	4,690.26
Contingencies.....	62,904.62	4,394.66	2,269.31	1,270.06	6,578.46	5,158.82	7,949.94
Salaries.....	3,054,430.55	249,232.41	85,732.16	36,889.93	300,082.86	264,368.86	62,392.36
TOTAL GROSS.....	5,477,168.80	438,956.64	153,337.57	63,624.51	565,681.15	400,096.95	144,817.9
Less Recoveries.....	1,839,192.12	150,847.69	26,283.05	23,853.66	199,171.89	113,159.40	85,242.30
TOTAL NET.....	3,637,976.68	288,108.95	127,054.52	39,770.85	366,509.26	346,937.55	59,575.29
Repairs to Building Expense.....	96,319.16	6,578.40	3,720.18	1,152.28	10,021.21	11,399.48	1,877.77
TOTAL.....	3,733,935.82	294,687.35	130,774.70	40,923.13	376,530.47	358,337.03	61,453.06

*Medicines include tobacco.

†Allowances include employee's meals, employees' uniforms and other employees' allowances.

‡Recoveries include farm recovery, miscellaneous receipts, porquisites and patients' maintenance.

TABLE No. 43—Concluded
EXPENDITURE REPORTED BY ONTARIO HOSPITALS
APRIL 1st, 1941 TO MARCH 31st, 1942

HOSPITALS.....	LONDON	NEW TORONTO	ORILLIA	PENETANG	TORONTO	WHITBY	WOODSTOCK
Total Days Stay.....	591,208	527,417	740,729	219,135	457,513	623,676	441,530
Average Daily Population.....	1,620	1,454	2,029	600	1,253	1,708	1,209
Medicines*.....	11,429.32	8,906.80	6,966.83	4,629.74	8,140.00	12,008.65	14,359.25
Provisions.....	94,160.59	90,394.76	118,544.91	43,359.40	88,007.65	102,208.05	102,575.44
Boarding-Out.....	22,479.22	22,208.74	12,010.63	7,170.49	10,115.58	19,552.59	.....
Fuel, Light and Water.....	40,667.32	43,813.27	43,179.07	20,812.55	26,796.59	63,459.03	43,362.16
Clothing.....	16,093.30	17,688.61	29,400.98	7,154.67	10,780.24	12,676.89	10,723.75
Laundry and Cleaning.....	7,614.70	8,019.92	9,864.15	2,718.19	6,435.41	9,569.42	8,896.42
Furniture and Furnishings.....	17,813.72	14,689.63	19,373.97	3,741.63	12,137.86	14,697.50	9,152.24
Office Expense.....	2,098.34	2,510.16	1,956.07	922.87	1,863.31	1,992.07	2,976.22
Allowances †.....	21,817.22	17,727.69	18,614.94	9,797.53	12,835.11	25,202.68	7,427.26
Feed, Fodder and Livestock.....	17,261.10	1,847.95	21,115.65	11,889.17	.....	18,098.68	8,970.11
Farm Expense.....	3,269.65	4,059.30	4,948.45	1,903.46	530.29	4,587.26	2,283.68
Contingencies.....	6,252.87	5,387.53	4,866.25	2,089.26	3,884.27	6,138.22	6,655.97
Salaries.....	359,994.92	397,567.72	273,018.78	144,490.57	262,684.42	367,650.92	340,324.64
TOTAL GROSS.....	620,982.27	544,822.08	563,860.68	260,629.53	444,210.73	658,441.96	557,707.14
Less Recoveries ‡.....	209,856.47	150,419.67	148,059.10	68,164.24	108,851.74	357,272.35	198,010.50
TOTAL NET.....	411,125.80	394,402.41	415,801.52	192,465.29	335,358.99	301,169.61	359,696.64
Repairs to Building Expense.....	13,911.41	8,322.82	7,281.05	3,866.98	3,737.55	9,141.60	15,308.43
TOTAL.....	425,037.21	402,725.23	423,082.57	195,972.27	339,096.52	310,311.21	375,005.07

*Medicines include tobacco.

†Allowances include employees' meals, employees' uniforms and employees' other allowances.

‡Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

TABLE No. 44
 COST PER PATIENT PER DAY BY HOSPITAL
 APRIL 1st., 1941 to MARCH 31st., 1942

ITEMS	TOTAL	Brockville	Coburg	Fort William	Hamilton	Kingston	Lang-staff	London	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Medicines*	1.82	1.11	1.25	3.86	2.14	1.69	2.56	1.93	1.69	0.94	2.11	1.78	2.02	3.25
Provisions	17.69	17.20	17.34	22.24	16.70	17.04	25.22	15.93	17.14	16.00	19.79	19.24	16.39	23.23
Boarding-out	2.41	2.31	0.46	—	1.27	3.82	0.02	3.80	4.21	1.62	3.27	2.21	3.14	—
Fuel, Light and Water	8.30	7.99	9.89	11.36	10.40	9.20	7.76	6.88	8.31	5.83	9.50	5.86	10.17	9.82
Clothing	2.85	2.17	2.96	4.68	2.72	2.88	3.83	2.72	3.35	3.97	3.26	2.36	2.03	2.43
Laundry and Cleaning	1.44	1.15	1.66	3.43	1.37	1.26	1.47	1.29	1.52	1.33	1.24	1.41	1.53	2.01
Furniture and Furnishings	2.42	2.04	2.43	4.53	2.51	1.86	0.90	3.09	2.79	2.62	1.71	2.65	2.36	2.07
Office Expense	0.44	0.39	0.73	1.08	0.53	0.46	0.87	0.35	0.48	0.26	0.42	0.41	0.32	0.67
Allowances†	3.49	4.15	5.24	6.95	4.41	3.66	3.36	3.69	3.36	2.51	4.47	2.81	4.04	1.68
Feed, Fodder and Livestock	3.16	5.04	0.08	16.98	4.73	2.06	27.34	2.92	0.35	2.85	5.40	—	2.90	2.03
Farm Expense	0.75	0.89	0.27	2.21	0.99	0.69	4.93	0.55	0.77	0.67	0.87	0.12	0.74	0.52
Contingencies	1.19	1.05	1.47	3.86	1.22	1.21	8.35	1.06	1.02	0.66	0.95	0.85	0.98	1.51
Salaries	57.96	59.76	55.52	111.99	55.36	61.90	65.56	60.89	58.32	36.86	65.94	57.42	58.95	77.08
Total Gross Per Diem	103.93	105.25	99.30	193.15	104.36	107.73	152.17	105.04	103.30	76.12	118.94	97.09	105.57	126.31
Less Recoveries‡	34.90	36.17	17.02	72.42	36.74	26.49	89.57	35.50	28.52	19.99	31.11	23.79	57.28	44.85
Total Net Per Diem	69.03	69.08	82.28	120.74	67.62	81.23	62.60	69.54	74.78	56.13	87.87	73.30	48.29	81.47
Repairs to Buildings Expense	1.83	1.58	2.41	3.50	1.85	2.67	1.97	2.35	1.58	0.98	1.76	0.82	1.47	3.47
TOTAL	70.85	70.66	84.69	124.24	69.46	83.90	64.57	71.89	76.36	57.12	89.43	74.12	49.76	84.93

* Medicines include tobacco.

† Allowances include employees' meals, employees' uniforms and employees' other allowances.

‡ Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

TABLE No. 45
ANNUAL DENTAL REPORT—ONTARIO HOSPITALS
YEAR ENDING MARCH 31st., 1942.

	Brock-ville	Coburg	Fort William	Ham-ilton	King-ston	Lang-staff	London	New Toronto	Orillia	Pene-tang	Toronto	Whitby	Wood-stock	TOTAL
Patients at Clinic.....	1,710	1,069	327	2,230	1,936	842	4,375	4,224	4,224	1,166	4,005	3,187	2,731	32,026
Examinations Only.....	390	440	143	757	272	323	1,436	1,968	1,540	346	358	1,759	337	10,069
Patients Treated.....	1,320	629	184	1,473	1,664	519	2,939	2,256	2,684	820	3,647	1,428	2,394	21,957
Patients X-rayed.....	179	63	0	140	20	0	211	220	186	7	101	158	72	1,357
Number of Pictures Taken.....	1,556	759	0	1,357	204	0	2,803	1,871	1,320	0	1,188	505	272	11,835
Extractions.....	350	236	131	1,276	133	73	1,873	920	1,174	597	696	857	773	9,089
General Anaesthetics.....	2	0	0	4	0	0	6	19	31	4	0	0	0	66
Local Anaesthetics.....	329	141	78	957	127	56	824	580	777	413	632	534	544	5,992
Fillings.....	343	193	55	718	350	65	946	460	1,566	20	838	1,118	1,199	7,871
Pyorrhoea Treatments.....	97	45	6	163	1,055	463	96	745	394	0	320	404	192	3,980
Prophylaxis.....	150	167	97	189	1,269	470	340	352	385	280	797	548	1,282	6,326
Other Treatments.....	334	73	0	119	1,369	5	519	1,298	316	0	333	61	567	4,994
Replacements.....	9	0	0	23	3	2	63	61	5	0	31	20	74	291
Dentures Repaired.....	16	19	0	18	14	3	58	42	5	22	59	25	85	366

TABLE No. 46
LABORATORY AND PATHOLOGICAL REPORT
APRIL 1, 1941 TO MARCH 31, 1942.

PROCEDURES	TOTAL	Brockville	Coburg	Fort William	Hamilton	Kingston	London	New Toronto	Ottawa	Penetang	Toronto	Whitby	Woodstock	Psychiatric
Urinalysis	18,362	690	294	112	4,921	885	1,494	4,873	926	182	1,162	1,415	688	790
Chemical	9,735	83	2	0	1,522	271	1,494	3,209	445	83	6	1,281	603	676
Microscopic	2,125	0	102	0	2	0	0	1,411	188	0	0	0	417	4
Other Procedures	5,317	245	2	0	651	278	758	1,726	363	13	111	317	238	615
Blood Examinations	4,374	231	2	0	530	336	750	1,364	332	11	108	238	283	169
White Cell Counts	1,648	1	2	0	11	22	196	1,049	3	0	160	111	64	69
Red Cell Counts	5,426	319	126	0	565	348	846	1,547	333	19	42	235	350	686
Differential Counts	544	0	0	0	16	109	86	0	0	0	44	32	0	257
Haemoglobin Estimations	131	0	0	0	5	2	33	6	0	0	5	53	12	23
Chemical Examinations	1,089	1	0	0	213	50	253	47	0	3	345	84	13	80
Blood Cultures	125	0	0	0	58	0	51	0	0	0	12	0	0	4
Blood Sugars	459	0	0	0	1	2	448	0	0	0	0	0	0	8
Glucose Tolerance Tests	3,432	400	124	114	562	245	92	301	0	57	634	317	0	586
Widal and B. Abortus Agglutinins	3,855	0	80	114	0	245	1,401	197	0	44	634	317	377	546
Wassermann's	659	0	0	0	0	0	659	0	0	0	0	0	0	0
Kahn's														
Presumptive Kahn's														
Spinal Fluid Examinations	920	0	0	31	0	52	332	126	0	1	246	41	50	41
Cell Counts	923	0	0	31	0	52	332	126	0	0	246	41	50	45
Globulin Test	955	0	0	31	0	52	426	64	0	0	246	41	50	45
Colloidal Golds and Mastics	1,238	70	0	31	87	55	331	282	0	0	246	41	50	45
Wasserman's	830	0	0	31	0	55	328	282	0	0	0	41	50	43
Kahn's	10,624	340	12	0	971	210	279	253	0	8	3,223	532	4,684	112
Sputum Examinations	327	0	7	0	10	25	69	60	0	58	3	9	86	0
Throat Swabs	287	2	0	0	12	18	206	18	1	0	10	18	0	2
Faecal Examinations	6	0	0	0	2	0	0	0	0	0	0	0	0	3
Gastric Analysis	51	0	0	0	0	0	36	0	0	0	0	12	0	2
Basal Metabolism														
Tissue Examinations	91	0	0	0	27	39	20	0	0	2	0	1	2	0
Surgical	25	7	0	0	0	0	0	0	0	1	0	0	15	0
Post Mortem	37	0	0	0	4	6	21	0	0	0	0	2	2	1
Autopsies	5,482	0	144	80	0	133	2,175	195	0	796	6,650	1,578	369	0
Serological Therapy	12,157	229	23	112	192	64	887	0	651	270	6,050	64	2,934	81
Other Tests (not listed)														
TOTAL PROCEDURES	91,334	2,638	920	689	10,362	3,554	14,003	17,136	3,242	1,549	14,146	6,825	11,436	4,834

TABLE No. 47
REPORT OF WORK BY ONTARIO HOSPITALS CHEST CLINIC (For fiscal year ending March 31st., 1942)

	TORONTO PSYCHIATRIC		BROCKVILLE		COBOURG		FORT WILLIAM		HAMILTON		KINGSTON		LONDON		NEW TORONTO		ORILLIA	
	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients
No. of individuals considered.....	104	445	307	1,358	76	419	39	179	324	1,857	294	1,313	516	1,975	391	1,828	286	2,038
No. of chest examinations performed.....	0	0	17	7	8	2	0	0	16	4	29	11	24	12	12	3	9	2
No. of chest X-rays interpreted.....	134	458	394	1,403	113	515	53	193	358	2,055	425	1,591	644	2,095	567	1,994	313	1,097
No. of Tuberculin tests performed.....	86	0	30x	0	53	0	7	0	407	0	255	0	354	0	411	0	311	2,041
No. of cases advised for treatment (active disease).....	0	0	0	11	1	1	0	0	0	8	0	12	0	10	1	12	0	4
No. of cases advised for investigation in hospitals. Staff merely repeat X-rays. Patients segregated while investigated.....	15	50	32	157	24	38	2	31	31	207	57	195	68	190	49	189	49	85
Total number of cases showing significant pulmonary tuberculosis.....	6	4	14	175	5	50	0	5	11	169	18	191	17	194	17	221	11	116

TABLE No. 47—(Concluded)
 REPORT OF WORK BY ONTARIO HOSPITALS CHEST CLINIC (For fiscal year ending March 31st., 1942)

	PENYANG		TORONTO		WHITBY		WOODSTOCK		LANGSTAFF		T. B. UNIT		COLONY HORSES		TOTALS		GRAND TOTALS
	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	
No. of individuals considered	144	625	351	1,523	435	1,973	423	737	80	350	692	6	58	3,776	17,400	21,176	
No. of chest examinations performed	14	3	13	7	22	10	48	5	0	10	1,263	0	0	212	1,339	1,551	
No. of chest X-rays interpreted	160	637	428	1,691	501	2,092	912	772	82	379	1,263	6	58	5,090	18,263	23,383	
No. of Tuberculin tests performed	95	0	143	0	406	0	347	0	44	0	606	0	0	3,227	2,647	5,874	
No. of cases advised for treatment (active disease)	0	3	1	14	2	9	3	4	0	2	...	0	0	8	90	98	
No. of cases advised for investigation in hospitals. Staff merely repeat X-rays. Patients segregated while investigated.	20	61	41	168	50	216	45	65	8	47	...	0	0	491	1,669	2,160	
Total number of cases showing significant pulmonary tuberculosis	9	105	18	155	16	181	23	33	0	34	...	0	0	165	1,633	1,798	

TABLE 48

MOVEMENT OF PATIENT POPULATION- PSYCHIATRIC HOSPITAL, TORONTO

POPULATION	Male	Female	TOTAL
1. Patients in Residence, April 1, 1941 ..	27	34	61
2. Patients Admitted During Year:			
First Admission	166	253	419
Re-Admissions	52	68	120
Total Admissions	218	321	539
3. Total Patients under care	245	355	600
4. Discharged from Books during year:			
Discharged as Recovered	0	0	0
Discharged as Improved	82	119	201
Discharged as Unimproved	10	18	28
Returned to Court	30	27	57
Other (M.H.A.)	16	18	34
Total Discharges	138	182	320
Transfers	70	135	205
Deaths	7	5	12
Patients Discharged from Books...	215	322	537
5. Patients in Residence, March 31, 1942.	30	33	63
6. Daily Average Population in Residence.	28.1	36.0	64.1
7. Normal Capacity of Institution	40	40	80
8. Patients Examined at Mental Health Clinic	694	917	1,611

SUPPLEMENTARY STATISTICAL TABLES ON THE ONTARIO HOSPITAL SCHOOL, ORILLIA

(HOSPITAL FOR MENTALLY DEFECTIVE)
YEAR ENDING MARCH 31, 1942

TABLE A.
PATIENTS IN RESIDENCE BY SEX AND MENTAL STATUS

MENTAL STATUS	Male		Female		TOTAL	
	Number	Per Cent	Number	Per Cent	Number	Per Cent
Idiot	249	23.2	231	22.7	480	23.0
Imbecile	546	50.9	485	47.8	1,031	49.4
Moron	240	22.4	247	24.3	487	23.3
Borderline	29	2.7	26	2.5	55	2.6
Not Mentally Defective	9	0.8	27	2.7	36	1.7
TOTAL	1,073	100.0	1,016	100.0	2,089	100.0

TABLE B.
FIRST ADMISSIONS BY MENTAL STATUS AND AGE

AGE GROUP (Years)	Idiot			Imbecile			Moron			Not Mentally *Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10	32	31	63	18	6	24	4	7	11	4	1	5	58	45	103
10 - 14.....	9	3	12	15	10	25	22	21	43	5	4	9	51	38	89
15 - 19	2	2	4	5	5	10	11	17	28	2	8	10	20	32	52
20 - 24	1	0	1	0	1	1	1	1	2	0	1	1	2	3	5
25 years & over	-	-	-	2	1	3	0	1	1	-	-	-	2	2	4
TOTAL	44	36	80	40	23	63	38	47	85	11	14	25	133	120	253

* Borderline and Dull Normal

TABLE C.
FIRST ADMISSIONS BY MENTAL STATUS AND ECONOMIC CONDITION

ECONOMIC CONDITION	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Dependent	16	14	30	21	12	33	25	35	60	9	12	21	71	73	144
Marginal	15	15	30	15	9	24	11	10	21	1	1	2	42	35	77
Comfortable ..	14	7	21	3	2	5	2	2	4	1	1	2	20	12	32
Unascertained..	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
TOTAL	45	36	81	39	23	62	38	47	85	11	14	25	133	120	253

TABLE D.
FIRST ADMISSIONS BY MENTAL STATUS AND CLINICAL DIAGNOSIS

CLINICAL CLASSIFICATION	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Familial	11	7	18	15	8	23	24	29	53	7	10	17	57	54	111
Mongolism	5	2	7	3	2	5	-	-	-	-	-	-	8	4	12
With Developmental cranial anomalies	9	7	16	0	2	2	-	-	-	-	-	-	9	9	18
With congenital cerebral spastic infantile paralyses	3	1	4	-	-	-	-	-	-	-	-	-	3	1	4
Post-infectious	1	5	6	0	1	1	-	-	-	-	-	-	1	6	7
Post-traumatic	2	1	3	1	0	1	1	2	3	1	0	1	5	3	8
With epilepsy	1	1	2	2	0	2	2	1	3	1	0	1	6	2	8
With endocrine disorder	1	1	2	0	1	1	-	-	-	-	-	-	1	2	3
With other organic nervous disease	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
Undifferentiated	12	10	22	18	9	27	9	15	24	2	4	6	41	38	79
Other Forms	1	1	2	-	-	-	1	0	1	-	-	-	2	1	3
Others	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
TOTAL	46	36	82	39	23	62	37	47	84	11	14	25	133	120	253

TABLE E.
DISCHARGE BY MENTAL STATUS AND CHRONOLOGICAL AGE

AGE GROUP (Years)	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10	1	0	1	1	0	1	1	2	3	-	-	-	3	2	5
10 - 14	-	-	-	6	2	8	0	2	2	0	1	1	6	5	11
15 - 19	0	2	2	8	5	13	20	20	40	2	3	5	30	30	60
20 - 24	-	-	-	6	4	10	9	7	16	2	2	4	15	13	28
25 - 29	-	-	-	2	0	2	3	3	6	-	-	-	5	3	8
30 and Over...	-	-	-	-	-	-	1	5	6	1	0	1	2	5	7
TOTAL ...	1	2	3	23	11	34	34	39	73	5	6	11	61	58	119

TABLE F.
DISCHARGES BY ABILITY OF PATIENT ON DISCHARGE AND CLINICAL CLASSIFICATION

CLINICAL CLASSIFICATION	Capable of Self-Support			Capable of Partial Self-Support			Incapable of Productive Work			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Familial	22	23	45	4	7	11	2	0	2	28	30	58
Mongolism	-	-	-	-	-	-	1	0	1	1	0	1
With developmental cranial anomalies	-	-	-	-	-	-	2	1	3	2	1	3
With congenital cerebral spastic infantile paralyses.	-	-	-	-	-	-	-	-	-	0	0	0
Post-infectious	0	1	1	2	0	2	1	0	1	3	1	4
Post-traumatic	0	1	1	1	0	1	1	0	1	2	1	3
With epilepsy	-	-	-	1	0	1	1	0	1	2	0	2
With endocrine disorder ...	1	0	1	-	-	-	-	-	-	1	0	1
With other organic nervous disease	-	-	-	-	-	-	-	-	-	0	0	0
Undifferentiated	9	9	18	8	11	19	3	2	5	20	22	42
Other forms	1	0	1	-	2	2	1	1	2	2	3	5
Others	-	-	-	-	-	-	-	-	-	0	0	0
TOTAL	33	34	67	16	20	36	12	4	16	61	58	119

TABLE G

DEATHS BY MENTAL STATUS AND CHRONOLOGICAL AGE

AGE GROUP	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	7	1	9	1	0	1	-	-	-	-	-	-	7	6	13
10 - 14 years..	4	1	5	1	0	1	-	-	-	-	-	-	5	1	6
15 - 19 years ..	3	4	7	0	1	1	-	-	-	-	-	-	3	5	8
20 - 24 years..	2	0	2	1	0	1	0	1	1	-	-	-	3	1	4
25 - 29. years..	1	1	2	2	0	2	-	-	-	-	-	-	3	1	4
30 - 34 years..	2	0	2	1	0	1	-	-	-	-	-	-	3	0	3
35 - 39 years..	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
40 - 44 years..	0	1	1	1	2	3	-	-	-	-	-	-	1	3	4
45 - 49 years..	0	1	1	-	-	-	-	-	-	-	-	-	0	1	1
50 and over...	0	1	1	2	5	7	-	-	-	-	-	-	2	6	8
Unascertained..	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
TOTAL...	18	15	33	9	8	17	0	1	1	0	0	0	27	24	51

SUPPLEMENTARY STATISTICAL TABLES ON THE ONTARIO HOSPITAL, WOODSTOCK

YEAR ENDING MARCH 31, 1942

TABLE A

FIRST ADMISSIONS AND PATIENTS IN RESIDENCE BY SEX AND MENTAL STATUS

MENTAL STATUS	First Admissions			Patients In Residence		
	Male	Female	Total	Male	Female	Total
Normal	21	11	32	39	32	71
Subnormal	15	10	25	195	207	402
Idiot	1	0	1	16	9	25
Imbecile	2	2	4	67	82	149
Moron	2	5	7	72	87	159
Borderline	5	2	7	20	15	35
Dull Normal	5	1	6	20	14	34
Unascertained	17	9	26	391	350	741
TOTAL	53	30	83	625	589	1,214

TABLE B.
FIRST ADMISSIONS BY EPILEPTIC GROUPS AND TYPES OF SEIZURE

TYPES OF SEIZURE	Symptomatic						Idiopathic	Not Epileptic and Un- classified	TOTAL						
	Toxaemic			Duo to Brain Disease											
	Exogenous		Endogenous	M. F. T.		M. F. T.									
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.										
Petit Mal	-	-	-	-	-	1	0	1	1	0	1				
Grand Mal	-	-	-	-	-	5	1	6	-	-	5	1	6		
Petit & Grand Mal	-	-	0	1	1	9	5	14	-	-	25	20	45		
Petit and / or Grand Mal ...	-	-	-	-	-	-	-	-	-	-	0	0	0		
Petit and / or Grand Mal ... with Post-Epileptic states...	1	0	1	-	-	2	1	3	-	-	6	5	11		
Petit and / or Grand Mal ... with psychic equivalents ..	1	0	1	-	-	1	0	1	5	0	7	0	7		
Petit and / or Grand Mal with hysteroid	-	-	-	-	-	-	-	-	-	-	0	0	0		
Jacksonian	-	-	-	-	-	-	-	-	-	-	0	0	0		
Psychic Equivalent	-	-	-	-	-	-	-	-	-	-	0	0	0		
Not Epileptic; Hysteroid and Unclassified..	-	-	-	-	-	-	-	-	-	-	2	1	3		
TOTAL	2	0	2	0	1	1	12	6	18	30	19	49	46	27	73

TABLE C.
FIRST ADMISSIONS BY DURATION OF EPILEPSY
BEFORE ADMISSION AND BY EPILEPTIC GROUPS

DURATION OF EPILEPSY BEFORE ADMISSION	Symptomatic									Idiopathic	Not Epileptic and Un- classified	TOTAL						
	Toxaemic						Due Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.						M.	F.	T.	
Under 1 year..	1	0	1	-	-	-	-	-	-	1	0	1	-	-	-	2	0	2
1 year	-	-	-	-	-	-	1	0	1	-	-	-	-	-	-	1	0	1
2 years	-	-	-	-	-	-	-	-	-	2	0	2	-	-	-	2	0	2
3 - 4 years ...	-	-	-	-	-	-	1	0	1	2	1	3	-	-	-	3	1	4
5 - 9 years ...	-	-	-	-	-	-	2	1	3	12	4	16	-	-	-	14	5	19
10 years & over	1	0	1	●	1	1	8	5	13	13	14	27	-	-	-	22	20	42
Unascertained .	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	2	1	3
TOTAL	2	0	2	0	1	1	12	6	18	30	19	49	2	1	3	46	27	73

TABLE D

ETIOLOGICAL FACTORS* AMONG FIRST ADMISSIONS BY EPILEPTIC GROUPS

ETIOLOGICAL FACTORS	Symptomatic									Idiopathic	Not Epileptic and Un- classified			TOTAL				
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.
Head injury at birth	-	-	-	-	-	-	2	3	5	-	-	-	-	-	-	2	3	5
Trauma since birth	1	0	1	-	-	-	9	2	11	-	-	-	-	-	-	10	2	12
Developmental defects	-	-	-	-	-	-	-	-	-	1	0	1	-	-	-	1	0	1
Meningo-encephalitic complicating in- fections x ..	-	-	-	-	-	-	0	1	1	-	-	-	-	-	-	0	1	1
Gastro - intes- tinal dis- orders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
Other infectious diseases ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
Cerebro - vas- cular sclerosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
acquired	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
Syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
hereditary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
Alcoholism ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
Endocrinopathy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
Pregnancy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
Family history of convulsions	1	0	1	-	-	-	1	0	1	9	7	16	-	-	-	11	7	18
Other specified causes	1	0	1	0	1	1	2	2	4	6	10	16	-	-	-	9	13	22
Cause unascertained	-	-	-	-	-	-	-	-	-	16	4	20	-	-	-	16	4	20
Not epileptic..	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	2	1	3
TOTAL	3	0	3	0	1	1	14	8	22	32	21	53	2	1	3	51	31	82

*If more than one etiological factor is found, all are reported in table.

x Includes all cases due to lesions resulting from non-syphilitic meningitis or encephalitis; e.g., scarlet fever, measles, influenza, typhoid fever, encephalitis lethargica, etc.

TABLE E
DISCHARGES BY EPILEPTIC GROUPS AND CONDITION ON DISCHARGE

CONDITION ON DISCHARGE	Symptomatic									Idiopathic	Not Epileptic and Un- classified			TOTAL				
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.		M.	F.	T.	M.	F.	T.		
Recovered	-	-	-	0	1	1	5	3	8	11	8	19	-	-	-	16	12	28
Improved	-	-	-	0	1	1	3	1	4	11	10	21	-	-	-	14	12	26
Unimproved ..	-	-	-	-	-	-	6	1	7	8	10	18	-	-	-	14	11	25
Not epileptic ..	-	-	-	-	-	-	-	-	-	-	-	-	6	1	7	6	1	7
TOTAL ...	0	0	0	0	2	2	14	5	19	30	28	58	6	1	7	50	36	86

TABLE F
CENSUS OF PATIENT POPULATION AT END OF YEAR

DIAGNOSIS	Remaining in Residence*			On Probation & Eloped		
	Male	Female	Total	Male	Female	Total
Epileptics not insane or feeble-minded	52	44	96	9	6	15
Epileptics who are feeble-minded	91	129	220	10	6	16
Insane epileptics	154	148	302	14	7	21
Feeble-minded, not epileptic	38	39	67	3	2	5
All other cases.....	290	239	529	10	2	12
TOTAL	625	589	1,214	46	23	69

*Includes patients in boarding homes.



MENTAL HEALTH CLINIC

L. S. PENROSE, M.D., CONSULTANT PSYCHOLOGIST

This year the returns from the Ontario Mental Health Clinics have shown a fairly consistent trend towards a reduction in the numbers of patients attending clinics. In the year ending March 31, 1941, 4034 new cases were seen whereas, in the year ending March 31, 1942 there were only 3701 new cases.

The total number of case contacts has also diminished slightly at 3 out of 4 centres reporting these figures. The drop in new cases is quite possibly due to the depletion of clinic staffs in some centres in consequence of the war and to increased difficulty of travelling. Some services, especially to outlying places have unavoidably had to be curtailed. x

As compared with the previous year, Table 2 shows one marked change, in that a much larger number of new cases have been referred to the clinics by the courts, chiefly the juvenile courts, i.e. 250 cases in 1942 as compared with 110 in 1941 or 16.94 per cent of all new cases as compared with the previous figure of 8.9 per cent of all new cases.

Tables 3 and 4 indicate no substantial change from previous years with respect to sex and age distributions of new cases. The number of male cases still preponderates somewhat over that of female cases.

Table 5 shows the specific problems of different types presented by the clinic cases and Table 6 shows their intelligence grades.

The proportion of cases with subnormal intelligence continues to be large. This year 18 per cent were rated mentally defective as compared with last year's 15 per cent. As shown in Table 7, mental defect is the commonest specific psychiatric condition met with, neuroses being only the second most frequent diagnosis in new cases.

In table 8 the treatments recommended are shown.

x The figures for attendances at the various clinics in 1942 are given in Table 1.

TABLE No. 1
CASE LOAD — YEAR ENDING MARCH 31, 1942

CLINICS	Current Year		
	No. of New Cases	No. of Case Contacts x	All Years
Brockville	776	3,675	5,776
Hamilton	675	3,972	6,963
Kingston	417	2,182	4,122
London	755	2,018	7,288
New Toronto	—	—	1,720*
Orillia	—	—	1,568*
Whitby	411	Not Available	4,156
Toronto Psychiatric	667	Not Available	7,830
TOTAL	3,701	11,847	39,423

* New Toronto Clinic figures are for 1931-1937.

Orillia, Clinic figures are for 1931-1940.

x Any contact made by any ONE member of the clinic staff and includes all the new cases.

In the tables No. 2 to No. 8 all cases examined at the Toronto Psychiatric Out Patient Clinic and the Whitby Clinic are excluded. Only 549 (cases seen only at Clinic Centres and Local Clinic) of the 675 new cases seen by the Hamilton Clinic are included in the following tables.

TABLE No. 2
NEW CASES BY REFERRING AGENCY

REFERRING AGENCY	Number of Cases	Cent Per
Welfare Agencies	736	29.48
Relief Agencies	14	0.56
Mothers' Allowance Commission	60	2.40
Children's Aid Society	582	23.31
Other Agencies	80	3.21
Medical Agencies	1,094	43.81
Family Physician	660	20.43
School Medical Services	62	2.48
General Hospitals	120	4.81
Mental Hospitals	92	3.68
Other Health Agencies	160	6.41
Educational Agencies	162	6.49
Courts	423	16.94
Adult	173	6.93
Juvenile	250	10.01
Family	41	1.64
Self	28	1.12
Other	13	0.52
TOTAL	2,497	100.00

TABLE No. 3
NEW CASES BY SEX

SEX	Number	Per Cent
Male	1,357	54.35
Female	1,140	45.65
Both Sexes	2,497	100.00

TABLE No. 4
NEW CASES BY AGE

AGE GROUPS (Years)	Number of Cases	Per Cent
0 - 5	261	10.45
6 - 13	681	27.27
14 - 21	576	23.07
22 and over	962	38.53
Not Stated	17	0.68
TOTAL	2,497	100.00

TABLE No. 5
 FREQUENCY OF CERTAIN SPECIFIC PROBLEMS

PROBLEM	Number of Cases	Per Cent
Suspected Mental Illness	704	28.19
Suspected Mental Defect*	366	14.66
Convulsive Disorders	88	3.52
Probation Supervision	105	4.21
Boarding Home Supervision	9	0.36
Juvenile Delinquency	331	13.26
Child Training‡	239	9.57
Adult Adjustment	146	5.85
Estimation of Intelligence	259	10.37
Vocational Advice	11	0.44
Other Problems	239	9.57
TOTAL	2,497	100.00

* Includes school retardation

‡ Other than delinquency

TABLE No. 6
NEW CASES BY INTELLIGENCE GRADE

INTELLIGENCE GRADE	Number of Cases	Per Cent
Superior	130	5.21
Normal	505	20.22
Undiagnosed	839	33.60
Dull Normal	309	12.37
Borderline	259	10.37
Moron	330	13.22
Imbecile	86	3.44
Idiot	25	1.00
Defective Unspecified	14	0.56
TOTAL	2,497	100.00

TABLE No. 7
FREQUENCY OF CERTAIN SPECIFIC PSYCHIATRIC CONDITIONS

PSYCHIATRIC CONDITIONS	Number of Cases	Per Cent
Neuroses	266	10.65
Schizophrenia	147	5.89
Manic Depressive	60	2.40
Senile Dementia	43	1.72
Psychosis with Arteriosclerosis	28	1.12
General Paresis	15	0.60
Involutional Melancholia	10	0.40
Other Psychoses	93	3.72
Psychopathic Personality	14	0.56
Epilepsy	76	3.04
Alcoholism	14	0.56
Drug Addiction	2	0.08
Mental Defect	469	19.78
Miscellaneous	1,260	50.46
TOTAL	2,497	100.00

TABLE No. 8
FREQUENCY OF CERTAIN TREATMENTS RECOMMENDED

TREATMENTS RECOMMENDED	No. Receiving Treatments
Individual Psychotherapy	304
School Adjustment	164
Habit Training	209
Home Adjustment Other than habit training	248
Vocational Adjustment	93
Foster Home Care	266
Physical Care	325
Medication	143
Other	182
Institutional Care	377
Ontario Hospital Orillia	40
Other Ontario Hospitals	265
Bowmanville Boys Training School	4
Other Training Schools	58
Other Institutions	70
No Treatment Specified	529

SUPPLEMENTARY STATISTICAL TABLES ON THE TUBERCULOSIS UNIT, ONTARIO HOSPITAL, WOODSTOCK

TABLE A.
WOODSTOCK T. B. UNIT
MOVEMENT OF PATIENT POPULATION

POPULATION	Male	Female	TOTAL
1. Patients on the Books at the beginning of the year.....			
In Residence	321	274	595
In Boarding Homes	0	0	0
On Probation	5	2	7
On Elopement (not discharged)	0	0	0
Total on the Books	326	276	602
2. Patients Admitted during the year			
First Admissions	7	3	10
Readmissions	0	2	2
Transfers received	51	34	85
Total Patients Admitted ..	58	39	97
3. Total Patients under care during the year	384	315	699
4. Patients Discharged from Books during year			
Discharged	11	5	16
Deported	0	0	0
Elopers discharged	0	0	0
Died‡	33	24	57
Transferred	13	5	18
Total Patients Discharged from books	57	34	91
5. Patients on Books at End of Year			
In Residence	317	277	594
In Boarding Homes	0	0	0
On Probation	10	4	14
On Elopement (not discharged)	0	0	0
Total on Books	327	281	608
6. Daily Average Population in Residence	320.408	274.386	594.794
7. Daily Average Population on Books	327.435	279.323	606.758

‡ Does not include deaths on probation or elopement. These are to be classed as discharged.

TABLE No. B—(Concluded)
PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP											Unascertained									
	40-44		45-49		50-54		55-59		60-64		65-69		70 and Over								
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.		F.	M.	F.	T.					
01. With Syphilitic Meningo-Encephalitis	2	0	2	2	0	2	2	0	2	4	0	4	1	0	1						
02. With other forms of Syphilis						1	0	1													
03. With Epidemic Encephalitis			1	0	1																
04. With other Infectious Diseases	1	0	1																		
05. Alcoholic Psychoses																					
06a. Due to Opium and Other Drugs																					
06b. Due to other Exogenous Toxins																					
07. Traumatic Psychoses										2	1	3	1	0	1	1	4	5	9	1	10
08. With Cerebral Arteriosclerosis																					
09. With other Disturbances of Circulation	1	1	2			1	0	1	2	1	3	1	0	1							
10. With Convulsive Disorders (Epilepsy)	1	0	1	0	1	1	0	1	0	2	2	1	3	4							
11. Senile Psychoses																					
12. Involutional Psychoses																					
13. Due to other Metabolic, etc. Diseases																					
14. Due to New Growth																					
15. With Organic Changes of Nervous System																					
16. Psychoneuroses																					
17. Manic-Depressive Psychoses	1	1	2	1	0	1	0	1	1	0	3	3									
18. Dementia Praecox (Schizophrenia)	28	23	51	19	28	47	25	28	53	23	16	39	16	15	31	2	3	5	1	2	3
19. Paranoia and Paranoid Conditions																15	21	36	16	17	33
20. With Psychopathic Personality				0	1	1										0	2	2	0	1	1
21. With Mental Deficiency	0	1	1				0	2	2	0	1	1				1	1	2	0	2	2
22. Undiagnosed Psychoses																					
231a. Epileptics not Psychotic or Feeble-minded																1	0	1			
231b. Epileptics who are Feeble-minded																					
232. Alcoholism																					
233. Drug Addiction																					
234. Mental Deficiency	1	5	6	5	2	7	1	1	2	1	1	2	2	3	5	1	0	1	1	1	2
235. Disorders of Personality																					
236. Psychopathic Personality	1	0	1																		
237. Other Non-Psychotic Conditions																					
24. Primary Behaviour Disorders																					
Total 1-22	34	26	60	23	30	53	32	32	64	31	24	55	19	18	37	23	31	54	28	27	55
Total 23-24	2	5	7	5	2	7	1	1	2	1	1	2	2	3	5	2	0	2	1	1	2
GRAND TOTAL	36	31	67	28	32	60	33	33	66	32	25	57	21	21	42	25	31	56	29	28	57

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE C.
PATIENTS IN RESIDENCE BY PRESENT AGE AND TUBERCULOSIS STATUS

PRESENT AGE	TUBERCULOSIS STATUS														
	Minimal		Mod. Advanced		Far Advanced		Quiescent Or Arrested		Non-Pulmonary		For Observation Only		TOTAL		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
Under 10.....															
10-14.....															
15-19.....	0	2	2			1	0	1							3
20-24.....	0	4	4	4	1	5									14
25-29.....	7	5	12	13	6	19	2	3	5	4	0	4	3	2	45
30-34.....	11	6	17	12	4	16	6	1	7	3	1	4	5	5	54
35-39.....	11	7	18	16	10	26	4	3	7	5	2	7	4	10	73
40-44.....	13	7	20	14	11	25	2	1	3	2	5	7	5	7	67
45-49.....	9	9	18	7	5	12	3	0	3	6	15	21	3	3	60
50-54.....	5	10	15	9	5	14	5	1	6	7	12	19	0	1	66
55-59.....	3	6	9	9	4	13	6	2	8	7	9	16	2	1	57
60-64.....	4	5	9	11	5	16	0	2	2	1	5	6	5	4	42
65-69.....	6	8	14	6	7	13	1	0	1	4	8	12	8	8	56
70 and Over.....	3	6	9	15	2	17	0	1	1	4	9	13	1	0	57
Not Stated.....															
All Ages.....	72	75	147	116	60	176	30	16	46	43	66	109	4	3	594

TABLE No. D
PATIENTS IN RESIDENCE BY TUBERCULOSIS STATUS AND DIAGNOSIS

DIAGNOSIS	TUBERCULOSIS STATUS																	
	TOTAL		Minimal		Mod. Advanced		Far Advanced		Quiescent and Arrested		Non-Pulmonary		For Observation Only					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.			
01. With Syphilitic Meningo-Encephalitis	13	3	16	2	0	2	4	1	5	1	0	1	3	0	3	3	2	5
02. With Other forms of Syphilis	1	0	1							1	0	1	1	0	1	0	1	1
03. With Epidemic Encephalitis	1	1	2	0	1	1												
04. With Other Infectious Diseases	1	0	1				1	0	1									
05. Alcoholio Psychoses																		
06a. Due to Opium and Other Drugs																		
06b. Due to Other Exogenous Toxins																		
07. Traumatic Psychoses																		
08. With Cerebral Arteriosclerosis	12	6	18	2	2	4	5	1	6	1	0	1	0	2	2	1	0	1
09. With Other Disturbances of Circulation	1	0	1				1	0	1									
10. With Convulsive Disorders (Epilepsy)	5	6	11	1	2	3	1	2	3	1	1	2	1	0	1	1	0	1
11. Semile Psychoses	3	2	5	2	1	3	1	0	1									
12. Involutional Psychoses	6	7	13	4	6	10	1	0	1	1	1	2						
13. Due to other Metabolic, etc. Diseases																		
14. Due to New Growth																		
15. With Organic Changes of Nervous System																		
16. Psychoneuroses	1	3	4				1	0	1	0	2	2						
17. Manic-Depressive Psychoses	9	13	22	1	5	6	3	4	7	2	1	3	2	0	2	0	1	1
18. Dementia Praecox (Schizophrenia)	225	191	416	48	43	91	84	45	129	19	6	25	34	56	90	1	2	3
19. Paranoia and Paranoid Conditions	0	3	3	0	1	1							0	2	2			
20. With Psychopathic Personality	0	1	1										0	1	1			
21. With Mental Deficiency	3	8	11	1	3	4	1	2	3				0	2	2			
22. Undiagnosed Psychoses																		
231a. Epileptics not Psychotic or Feeble-minded	2	1	3				1	0	1									
231b. Epileptics who are Feeble-minded	1	3	4	1	2	3												
232. Alcoholism																		
233. Drug Addiction																		
234. Mental Deficiency	30	28	58	9	9	18	11	5	16	3	5	8	3	3	6	1	0	1
235. Disorders of Personality	1	0	1				1	0	1									
236. Psychopathic Personality	1	0	1	1	0	1												
237. Other Non-Psychotic Conditions	1	0	1							1	0	1						
24. Primary Behaviour Disorders																		
TOTAL 1-22	281	245	526	61	64	125	103	55	158	26	11	37	40	63	103	3	3	6
TOTAL 23-24	36	32	68	11	11	22	13	5	18	4	5	9	3	3	6	1	0	1
GRAND TOTAL	317	277	594	72	75	147	116	60	176	30	16	46	43	66	109	4	3	7

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. E (1)
TRANSFERS RECEIVED FROM ONTARIO HOSPITALS BY TUBERCULOSIS STATUS AND DIAGNOSIS

DIAGNOSIS	TUBERCULOSIS STATUS													
	TOTAL		Minimal		Mod. Advanced		Far Advanced		Quiescent and Arrested		Non-Pulmonary		For Observation Only	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
01. With Syphilitic Meningo-Encephalitis.	1	0	1		1	0	1							
02. With other forms of Syphilis.														
03. With Epidemic Encephalitis.														
04. With other Infectious Diseases.														
05. Alcoholic Psychoses.														
06a. Due to Opium and Other Drugs.														
06b. Due to other Exogenous Toxins.														
07. Traumatic Psychoses.	3	2	5	1	0	1	1	1	2	0	1	1	0	1
08. With Cerebral Arteriosclerosis.														
09. With other Disturbances of Circulation.	2	1	3				0	1	1	1	1			
10. With Convulsive Disorders (Epilepsy).	1	0	1				1	0	1					
11. Senile Psychoses.	3	2	5	2	2	4	1	0	1			1	0	1
12. Involutional Psychoses.														
13. Due to other Metabolic, etc. Diseases.														
14. Due to New Growth.														
15. With Organic Changes of Nervous System.	0	1	1	0	1	1								
16. Psychoneuroses.	1	1	2											
17. Manic-Depressive Psychoses.	1	2	3	1	1	2	0	1	1			1	0	1
18. Dementia Praecox (Schizophrenia).	31	18	49	14	6	20	13	9	22	2	1	3	1	0
19. Paranoia and Paranoid Conditions.														
20. With Psychopathic Personality.														
21. With Mental Deficiency.	1	3	4	0	2	2	0	1	1					
22. Undiagnosed Psychoses.														
231a. Epileptics not Psychotic or Feeble-minded.														
231b. Epileptics who are Feeble-minded.	2	1	3	1	0	1								
232. Alcoholism.														
233. Drug Addiction.														
234. Mental Deficiency.	4	3	7	2	0	2	2	1	3	0	2	2		
235. Disorders of Personality.														
236. Psychopathic Personality.	1	0	1	1	0	1								
237. Other Non-Psychotic Conditions.														
24. Primary Behaviour Disorders.														
Total 1-22	44	30	74	18	12	30	17	13	30	3	1	4	1	1
Total 23-24	7	4	11	4	0	4	2	1	3	0	2	2	0	0
GRAND TOTAL	51	34	85	22	12	34	19	14	33	3	3	6	1	1
										2	0	2	2	0
										0	0	0	0	0
										1	1	2	4	4
										3	3	6	1	1
										2	0	2	2	0
										3	3	6	4	4
										1	1	2	4	8

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. E (2)
FIRST AND RE-ADMISSIONS RECEIVED FROM SOURCES OTHER THAN ONTARIO HOSPITALS BY TUBERCULOSIS STATUS AND DIAGNOSIS

DIAGNOSIS	TUBERCULOSIS STATUS							TOTAL							
	Minimal	Mod. Advanced	Far Advanced	Quiescent and Arrested	Non-Pulmonary	For Observation Only	M. F. T.								
01. With Syphilitic Meningo-Encephalitis	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.							
02. With Other forms of Syphilis															
03. With Epidemic Encephalitis															
04. With Other Infectious Diseases	1	0	1				1	0							
05. Alcoholic Psychoses															
06a. Due to Opium and Other Drugs															
06b. Due to Other Exogenous Toxins															
07. Traumatic Psychoses															
08. With Cerebral Arteriosclerosis															
09. With Other Disturbances of Circulation															
10. With Convulsive Disorders (Epilepsy)	0	1	1				0	1							
11. Senile Psychoses	1	0	1				1	0							
12. Involutional Psychoses															
13. Due to other Metabolic, etc. Diseases	1	0	1				1	0							
14. Due to New Growth															
15. With Organic Changes of Nervous System															
16. Psychoneuroses	0	1	1	1	0	1	1	1							
17. Manic-Depressive Psychoses				1	0	1	1	0							
18. Dementia Praecox (Schizophrenia)	0	1	1	1	0	1	2	3							
19. Paranoia and Paranoid Conditions															
20. With Psychopathic Personality															
21. With Mental Deficiency															
22. Undiagnosed Psychoses															
231a. Epileptics not Psychotic or Feebleminded															
231b. Epileptics who are Feebleminded															
232. Alcoholism															
233. Drug Addiction															
234. Mental Deficiency															
235. Disorders of Personality															
236. Psychopathic Personality															
237. Other Non-Psychotic Conditions															
24. Primary Behaviour Disorders															
TOTAL 1-22	0	1	1	2	1	3	2	3	5	3	0	3	7	5	12
TOTAL 23-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	0	1	1	2	1	3	2	3	5	3	0	3	7	5	12

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. F
TRANSFERS RECEIVED DURING THE YEAR BY DIAGNOSIS AND HOSPITAL

DIAGNOSIS	TRANSFERS RECEIVED FROM ONTARIO HOSPITAL AT									
	TOTAL	Brookville	Cobourg	Fort William	Hamilton	Kingston	Langstaff	London		
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.		
01. With Syphilitic Meningo-Encephalitis.	1 0 1									
02. With other forms of Syphilis.										
03. With Epidemic Encephalitis.	1 0 1									
04. With other Infectious Diseases.										
05. Alcoholic Psychoses.										
06a. Due to Opium and Other Drugs.										
06b. Due to other Exogenous Toxins.										
07. Traumatic Psychoses.	3 2 5	1 1 2			0 1 1	1 0 1				
08. With Cerebral Arteriosclerosis.										
09. With other Disturbances of Circulation.	2 2 4	0 1 1				1 0 1				
10. With Convulsive Disorders (Epilepsy)	2 0 2									
11. Senile Psychoses.	3 2 5				2 0 2					
12. Involutional Psychoses.	1 0 1									
13. Due to other Metabolic, etc. Diseases.										
14. Due to New Growth.	0 1 1		0 1 1							
15. With Organic Changes of Nervous System.	2 2 4									
16. Psychoneuroses.	33 21 54	1 5 6			3 2 5	0 1 1	1 0 1	5 3 8		
17. Manic-Depressive Psychoses.										
18. Dementia Praecox (Schizophrenia).										
19. Paranoia and Paranoid Conditions.										
20. With Psychopathic Personality.										
21. With Mental Deficiency.	1 3 4	0 1 1				0 1 1				
22. Undiagnosed Psychoses.										
231a. Epileptics not Psychotic or Feeble-minded	2 1 3									
231b. Epileptics who are Feeble-minded										
232. Alcoholism.										
233. Drug Addiction.	4 3 7					1 0 1	1 0 1			
234. Mental Deficiency.										
235. Disorders of Personality.	1 0 1	1 0 1								
236. Psychopathic Personality.										
237. Other Non-Psychotic Conditions.										
24. Primary Behaviour Disorders.										
Total 1-22	51 35 86	2 8 10	0 1 1		5 3 8	7 4 11	1 0 1	6 4 10		
Total 23-24	7 4 11	1 0 1	0 0 0		0 0 0	1 0 1	1 0 1	0 0 0		
GRAND TOTAL	58 39 97	3 8 11	0 1 1		5 3 8	8 4 12	2 0 2	6 4 10		

With Psychosis

Without Psychosis

TABLE No. F—(Continued)
TRANSFERS RECEIVED DURING THE YEAR BY DIAGNOSIS AND HOSPITAL

DIAGNOSIS		TRANSFERS RECEIVED FROM ONTARIO HOSPITAL AT										First and Re-Admissions from Other Sources										
		New Toronto	Orillia		Penetang		Toronto		Whitby		Woodstock (Epileptic Unit)											
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.						
With Psychosis																						
01.	With Syphilitic Meningo-Encephalitis.																					
02.	With other forms of Syphilis.									1	0	1										
03.	With Epidemic Encephalitis.																					
04.	With other Infectious Diseases.																					
05.	Alcoholic Psychoses.																					
06a.	Due to Opium and Other Drugs.																					
06b.	Due to other Exogenous Toxins.																					
07.	Traumatic Psychoses.																					
08.	With Cerebral Arteriosclerosis.	1	0	1																		
09.	With other Disturbances of Circulation.																					
10.	With Convulsive Disorders (Epilepsy)																					
11.	Senile Psychoses.																					
12.	Involutional Psychoses.																					
13.	Due to other Metabolic, etc. Diseases.																					
14.	Due to New Growth.																					
15.	With Organic Changes of Nervous System																					
16.	Psychoneuroses.	0	1	1																		
17.	Manic-Depressive Psychoses	1	0	1																		
18.	Dementia Praecox (Schizophrenia)	6	3	9																		
19.	Paranoia and Paranoid Conditions				1	0	1															
20.	With Psychopathic Personality																					
21.	With Mental Deficiency.																					
22.	Undiagnosed Psychosis				1	1	2															
WITHOUT PSYCHOSES																						
231a.	Epileptics not Psychotic or Feeble-minded																					
231b.	Epileptics who are Feeble-minded																					
232.	Alcoholism.																					
233.	Drug Addiction.																					
234.	Mental Deficiency.																					
235.	Disorders of Personality.	1	1	2																		
236.	Psychopathic Personality																					
237.	Other Non-Psychotic Conditions																					
24.	Primary Behaviour Disorders																					
Total 1-22		8	4	12	0	0	0	1	0	1	7	6	13	6	0	6	1	0	1	7	5	12
Total 23-24		0	0	0	1	1	2	1	1	2	0	1	1	0	0	0	2	1	3	0	0	0
GRAND TOTAL		8	4	12	1	1	2	2	1	3	7	7	14	6	0	6	3	1	4	7	5	12

TABLE G
DISCHARGES BY DIAGNOSIS AND TUBERCULOSIS STATUS ON ADMISSION

DIAGNOSIS	TUBERCULOSIS STATUS														
	Minimal		Mod. Advanced		Far Advanced		Quiescent and Arrested		Non-Pulmonary		For Observation Only		TOTAL		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
01. With Syphilitic Meningo-Encephalitis															
02. With Other forms of Syphilis															
03. With Epidemic Encephalitis															
04. With Other Infectious Diseases															
05. Alcoholic Psychoses															
06a. Due to Opium and Other Drugs															
06b. Due to Other Exogenous Toxins															
06c. Traumatic Psychoses															
07. With Cerebral Arteriosclerosis															
08. With Other Disturbances of Circulation															
09. With Convulsive Disorders (Epilepsy)															
10. Senile Psychoses															
11. Evolutional Psychoses															
12. Due to Her Alcoholism, etc. Diseases															
13. Due to New Growth															
14. With Organic Changes of Nervous System															
15. Psychoneuroses															
16. Manic-Depressive Psychoses															
17. Dementia Praecox (Schizophrenia)															
18. Paranoia and Paranoid Conditions															
19. With Psychopathic Personality															
20. With Mental Deficiency															
21. Undiagnosed Psychoses															
22. Epileptics not Psychotic or Feeble-minded															
23a. Epileptics who are Feeble-minded															
23b. Epileptics who are Feeble-minded															
23c. Alcoholism															
23d. Drug Addiction															
23e. Mental Deficiency															
23f. Disorders of Personality															
23g. Psychopathic Personality															
23h. Other Non-psychotic Conditions															
24. Primary Behaviour Disorders															
TOTAL 1-22	0	0	0	4	2	6	1	2	3	0	1	1	1	0	2
TOTAL 23-24	1	0	1	0	0	0	2	0	2	1	0	1	1	0	1
GRAND TOTAL	1	0	1	4	2	6	3	2	5	1	1	2	2	0	2

With Psychosis

Without Psychosis

TABLE No. H
DISCHARGES BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP															
	TOTAL		Under 10	10-14	15-19	20-24	25-29	30-34	35-39							
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.				
01. With Syphilitic Meningo-Encephalitis	1	0	1													
02. With Other forms of Syphilis																
03. With Epidemic Encephalitis																
04. With Other Infectious Diseases																
05. Alcoholie Psychoses																
06a. Due to Opium and Other Drugs																
06b. Due to Other Exogenous Toxins																
07. Traumatic Psychoses																
08. With Cerebral Arteriosclerosis	0	1	1													
09. With other Disturbances of Circulation																
10. With Convulsive Disorders (Epilepsy)																
11. Senile Psychoses	0	2	2													
12. Involutional Psychoses																
13. Due to Other Metabolic, etc. Diseases																
14. Due to New Growth																
15. With Organic Changes of Nervous System	1	1	2				0	1	1							
16. Psychoneuroses	1	0	1													
17. Manic-Depressive Psychoses	3	1	4													
18. Dementia Praecox (Schizophrenia)																
19. Paranoia and Paranoid Conditions																
20. With Psychopathic Personality																
21. With Mental Deficiency																
22. Undiagnosed Psychoses																
231a. Epileptics not Psychotic or Feeble-minded	2	0	2							1	0	1				
231b. Epileptics who are Feeble-minded																
232. Alcoholism																
233. Drug Addiction	1	0	1							1	0	1				
234. Mental Deficiency																
235. Disorders of Personality																
236. Psychopathic Personality																
237. Other Non-Psychotic Conditions	2	0	2							1	0	1				
24. Primary Behaviour Disorders																
TOTAL 1-22	6	5	11				0	1	1	0	0	0	0	1	1	
TOTAL 23-24	5	0	5				0	0	0	2	0	2	1	0	1	
GRAND TOTAL	11	5	16				0	1	1	2	0	2	1	0	1	2

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. II—(Concluded)
DISCHARGES BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP												Unascertained					
	40-44		45-49		50-		55-59		60-64		65-69			70 and Over				
	M.	F.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.		F.	T.	M.	F.	T.
01. With Syphilitic Meningo-encephalitis.....	1	0	1															
02. With Other forms of Syphilis.....																		
03. With Epidemic Encephalitis.....																		
04. With Other Infectious Diseases.....																		
05. Alcoholic Psychoses.....																		
06a. Due to Opium and Other Drugs.....																		
06b. Due to Other Exogenous Toxins.....																		
07. Traumatic Psychoses.....																		
08. With Cerebral Arteriosclerosis.....																		
09. With other Disturbances of Circulation.....																		
10. With Convulsive Disorders (Epilepsy).....																		
11. Senile Psychoses.....																		
12. Involutional Psychoses.....																		
13. Due to Other Metabolic, etc. Diseases.....																		
14. Due to New Growth.....																		
15. With Organic Changes of Nervous System.....																		
16. Psychoneuroses.....	1	0	1															
17. Manic-Depressive Psychoses.....	1	0	1															
18. Dementia Praecox (Schizophrenia).....	1	0	1															
19. Paranoia and Paranoid Conditions.....																		
20. With Psychopathic Personality.....																		
21. With Mental Deficiency.....																		
22. Undiagnosed Psychoses.....																		
231a. Epileptics not Psychotic or Feeble-minded.....						1	0	1										
231b. Epileptics who are Feeble-minded.....																		
232. Alcoholism.....																		
233. Drug Addiction.....																		
234. Mental Deficiency.....																		
235. Disorders of Personality.....																		
236. Psychopathic Personality.....																		
237. Other Non-Psychotic Conditions.....																		
24. Primary Behaviour Disorders.....																		
TOTAL 1-22.....	4	0	4	1	0	1	0	0	0	1	1	2	0	1	1	0	1	1
TOTAL 23-24.....	0	0	0	0	0	0	1	0	1				0	0	0	0	0	0
GRAND TOTAL.....	4	0	4	1	0	1	1	0	1	1	2	0	1	1	0	1	1	1

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE I
DEATHS BY AGE, SEX AND DIAGNOSIS

DIAGNOSIS	AGE GROUP																
	TOTAL		Under 10		10-14		15-19		20-24		25-29		30-34		35-39		
	M.	F.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
01. With Syphilitic Meningo-Encephalitis.....	2	0	2														
02. With Other forms of Syphilis.....																	
03. With Epidemic Encephalitis.....	2	1	3														
04. With Other Infectious Diseases.....																	
05. Alcoholic Psychoses.....						0	1	1									
06a. Due to Opium and Other Drugs.....																	
06b. Due to Other Exogenous Toxins.....																	
07. Traumatic Psychoses.....	0	1	1														
08. With Cerebral Arteriosclerosis.....	0	1	1														
09. With Other Disturbances of Circulation.....	2	0	2														
10. With Convulsive Disorders (Epilepsy).....																	
11. Senile Psychoses.....	0	1	1														
12. Involutional Psychoses.....																	
13. Due to other Metabolic, etc. Diseases.....																	
14. Due to New Growth.....																	
15. With Organic Changes of Nervous System.....	0	1	1														
16. Psychoneuroses.....	1	5	6														
17. Manic-Depressive Psychoses.....	22	12	34														
18. Dementia Praecox (Schizophrenia).....																	
19. Paranoia and Paranoid Conditions.....																	
20. With Psychopathic Personality.....																	
21. With Mental Deficiency.....	1	0	1														
22. Undiagnosed Psychoses.....																	
231a. Epileptics not Psychotic or Feeble-minded.....																	
231b. Epileptics who are Feeble-minded.....																	
232. Alcoholism.....																	
233. Drug Addiction.....																	
234. Mental Deficiency.....	3	3	6														
235. Disorders of Personality.....						0	1	1									
236. Psychopathic Personality.....																	
237. Other Non-Psychotic Conditions.....																	
24. Primary Behaviour Disorders.....																	
TOTAL 1-22.....	30	21	51			0	0	0				1	2	3	1	1	2
TOTAL 23-24.....	3	3	6			0	1	1				0	0	0	0	0	0
GRAND TOTAL.....	33	24	57			0	1	1				1	2	3	1	1	2

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE 1—(Concluded)
DEATHS BY AGE, SEX AND DIAGNOSIS

DIAGNOSIS	AGE GROUP												Unascertained			
	40-44		45-49		50-54		55-59		60-64		65-69			70 and Over		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	T.
01. With Syphilitic Meningo-Encephalitis																
02. With Other forms of Syphilis																
03. With Epidemic Encephalitis																
04. With Other Infectious Diseases																
05. Alcoholic Psychoses																
06a. Due to Opium and Other Drugs																
06b. Due to Other Exogenous Toxins																
07. Traumatic Psychoses																
08. With Cerebral Arteriosclerosis																
09. With Other Disturbances of Circulation																
10. With Convulsive Disorders (Epilepsy)																
11. Senile Psychoses																
12. Involutional Psychoses																
13. Due to other Metabolic, etc. Diseases																
14. Due to New Growth																
15. With Organic Changes of Nervous System																
16. Psychoneuroses	0	1	1													
17. Manic-Depressive Psychoses	0	1	1			0	1	1								
18. Dementia Praecox (Schizophrenia)	5	2	7	1	2	3	3	2	5	0	1	1	0	1	1	0
19. Paranoia and Paranoid Conditions																
20. With Psychopathic Personality																
21. With Mental Deficiency																
22. Undiagnosed Psychoses																
23a. Epileptics not Psychotic or Feeble-minded																
23b. Epileptics who are Feeble-minded																
23c. Alcoholism																
23d. Drug Addiction																
23e. Mental Deficiency																
23f. Disorders of Personality																
23g. Psychopathic Personality																
23h. Other Non-Psychotic Conditions																
24. Primary Behaviour Disorders																
TOTAL 1-22	5	4	9	1	2	3	3	3	6	0	1	1	2	2	4	4
TOTAL 23-24	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	1
GRAND TOTAL	5	4	9	1	2	3	4	3	7	0	1	1	3	2	5	4

WITH PSYCHOSES

WITHOUT PSYCHOSES

CAUSE OF DEATH BY DIAGNOSIS

PSYCHOSIS

CAUSE OF DEATH	General Parestis		With Cerebral Arteriosclerosis		With Convulsive Disorders (Epile.)		Senile		Manic-Depressive						
	M.	F.	M.	T.	M.	F.	M.	F.	M.	F.	T.				
	Tuberculosis of the Respiratory System . . .	1	0	0	1	1	-	2	0	2	1	4	5		
Other Forms of Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-			
Cancer and Other Malignant Tumours	-	-	-	-	-	-	-	-	-	-	-	-			
General Paralysis of the Insane	1	0	-	-	-	-	-	-	-	-	-	-			
Other Diseases of the Nervous System	-	-	-	-	-	-	-	-	-	-	-	-			
Diseases of the Myocardium	-	-	-	-	-	-	-	-	-	0	1	1			
Pneumonias (lobar, broncho and unspecified)	-	-	-	-	0	1	-	-	-	-	-	-			
Nephritis	-	-	-	-	-	-	-	-	-	-	-	-			
Accidents	-	-	-	-	-	-	-	-	-	-	-	-			
TOTAL	2	0	2	0	1	1	0	1	1	2	0	2	1	5	6

TABLE J (Continued)

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	PSYCHOSIS						Without Psychosis and Primary Behaviour Disorders			TOTAL					
	Dementia Praecox (Schizophrenia)		With Mental Deficiency		All Other		Without Psychosis and Primary Behaviour Disorders			TOTAL					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
Tuberculosis of the Respiratory System . . .	17	11	28	1	0	1	2	2	4	2	1	3	26	19	45
Other Forms of Tuberculosis	1	0	1	-	-	-	-	-	-	0	1	1	1	1	2
Cancer and Other Malignant Tumours	1	0	1	-	-	-	-	-	-	-	-	-	1	0	1
General Paralysis of the Insane	-	-	-	-	-	-	-	-	-	-	-	-	1	0	1
Other Diseases of the Nervous System	1	1	2	-	-	-	-	-	-	-	-	-	1	1	2
Diseases of the Myocardium	1	0	1	-	-	-	-	-	-	0	1	1	1	2	3
Pneumonias (lobar, broncho and unspecified)	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
Nephritis	-	-	-	-	-	-	-	-	-	1	0	1	1	0	1
Accidents	1	0	1	-	-	-	-	-	-	-	-	-	1	0	1
TOTAL	22	12	34	1	0	1	2	2	4	3	3	6	33	24	57



ONTARIO

DEPARTMENT OF HEALTH

SEVENTY-THIRD ANNUAL REPORT

UPON THE

Public Hospitals, Private Hospitals
Hospitals for Incurables
Convalescent Hospitals

AND

Sanatoria for Consumptives

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR WHICH ENDED 31st DECEMBER

1942

PRINTED BY ORDER OF
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TORONTO

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

1943

Parliament Buildings,
Toronto, March 24, 1943

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit to Your Honour the Seventy-third Annual Report on the Hospitals and Sanatoria of the Province of Ontario, for the year which ended December 31, 1942.

Respectfully submitted,

HAROLD J. KIRBY,
Minister of Health

Parliament Buildings,
Toronto, March 24, 1943

THE HONOURABLE HAROLD J. KIRBY, K.C.,
Minister of Health.

SIR:

I have the honour to submit to you the Seventy-third Annual Report on the Hospitals and Sanatoria of the Province of Ontario, for the year which ended December 31, 1942.

I have the honour to be, Sir,

Your obedient servant,

C. J. TELFER,

Inspector of Hospitals

Hospitals

Herein is presented a detailed report on General, Red Cross and Convalescent Hospitals, Hospitals for Incurables and Sanatoria for Consumptives, operating in the Province of Ontario, as compiled from the Financial and Statistical Statements submitted for the year which ended December 31, 1942.

There were 172 institutions in operation and participating in Provincial grants during the year. These are classified as follows:

117 General Hospitals	3 Convalescent Hospitals
28 Red Cross Hospitals	3 Convalescent Summer Camps for Children
8 Hospitals for Incurables	13 Sanatoria for Consumptives

The number of patients, together with the number of days' treatment, is indicated in the summary on the opposite page. In Public General Hospitals, exclusive of Red Cross Outposts, there was an increase in the number of patients treated of 26,687 over the previous year, and an increase of 214,648 days' treatment. The average number of patients in hospital daily was 11,533, or 588 more than the previous year.

Operating costs in General Hospitals only increased by \$1,356,407.41 over the previous year. The following revenue increases and decreases are noted:

From patients, increased.....	\$1,886,875.74
From investments, increased.....	17,282.38
From donations, increased.....	13,300.75
From municipalities, decreased.....	379,681.17
From Provincial Government, decreased.....	13,735.67
(Statutory per diem grants)	

The net increase in revenue for the year amounted to \$1,524,042.03.

Executives and officers of the several institutions reported herein are requested to study the various tables, comparing their hospitals with those of similar size and capacity.

On pages 30-31 of this report will be found information concerning the 62 private hospitals licensed during the year under report.

C. J. TELFER,
Inspector of Hospitals

CONSOLIDATED STATEMENT GIVING CERTAIN STATISTICAL AND FINANCIAL INFORMATION

For the Year Ended December 31, 1942

	General Hospitals	Red Cross Outposts	Hospitals for Incurables	Convalescent Hospitals	TOTALS
Bed Capacity, Adults and Children	13,446	364	1,429	336	15,575
Nursery Bassinets	2,022	77	.....	.....	2,099
Percentage of Bed Occupancy for year	75.1	50.4	96.3	.....	.....
Number of live births during year	51,575	1,504	.....	.....	53,079
Number of deaths, including still-births, during year	15,200	315	575	2	16,092
Total number of patients treated during year	365,446	9,450	2,258	1,484	378,638
Total collective days' stay of all patients	4,242,046	81,141	502,313	64,360	4,889,860
Number of Staff and Employees:					
Graduate Nurses	2,560	92	143	17	2,812
Pupil Nurses	3,140	.....	.....	.....	3,140
Probationer Nurses	820	.....	25	.....	845
Other Graduate and Professional Staff	504	1	19	13	537
Orderlies	375	16	41	2	434
All Other Employees	6,036	91	468	92	6,687
TOTAL STAFF AND EMPLOYEES	13,435	200	696	124	14,455
OPERATING REVENUE	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Income from Patients for Maintenance and Treatment ..	12,581,556.44	228,065.20	231,858.88	47,809.05	13,089,289.57
Income from Municipalities for Maintenance and Treatment of Patients	2,124,598.13	14,989.33	542,825.27	48,633.85	2,731,046.58
Grants from Government for Maintenance and Treatment of Patients	876,065.83	21,800.53	187,892.80	21,661.10	1,107,420.26
Grants from Government for Special Clinics, Radio-therapy, etc.	103,485.85	.....	.....	.....	103,485.85
TOTAL OPERATING REVENUE	15,685,706.25	264,855.06	962,576.95	118,104.00	17,031,242.26
NON-OPERATING REVENUE					
Income from Property, Investments, Endowments, etc., and Miscellaneous	462,289.97	2,482.39	21,640.37	22,603.66	509,016.39
Income from Donations, Bequests and Other Gratuitous Sources	766,813.90	17,373.27	46,229.39	18,357.03	848,773.59
Grants from Municipalities for Building, Debentures, Capital, etc.	230,543.38	.....	.....	.....	230,543.38
TOTAL NON-OPERATING REVENUE	1,459,647.25	19,855.66	67,869.76	40,960.69	1,588,333.36
Total Revenue	17,145,353.50	284,710.72	1,030,446.71	159,064.69	18,619,575.62
OPERATING EXPENSE					
Total Cost of Dietaries	3,092,849.15	58,344.48	212,362.61	44,791.15	3,408,347.39
Total Cost of Salaries and Wages	7,369,053.23	158,456.20	472,342.96	72,928.17	8,072,780.56
Other Operating Expense	4,750,348.67	108,029.82	231,331.28	35,134.91	5,124,844.68
TOTAL OPERATING EXPENSE	15,212,251.05	324,830.50	916,036.85	152,854.23	16,605,972.63
Interest and Sinking Fund Charges	515,832.67	.....	4,429.03	.....	520,261.70
Total Cost	15,728,083.72	324,830.50	920,465.88	152,854.23	17,126,234.33
Average Per Capita Cost (Exclusive of Depreciation, Doubtful Accounts, Interest and Sinking Fund Chgs.)	3.60	4.00	1.82	2.37	.....

NOTE.—Lockwood Clinic and Smith's Falls Public total days 23,923 deleted in figuring per capita cost, as financial statements were not submitted.

PUBLIC HOSPITALS

TABLE No. I.—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, Jan. 1, 1942	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Stillbirths during year	Patients in residence, Dec. 31, 1942
		Adults and children	Nursery								
GROUP 1											
Capacity, 1 to 25 Beds											
Bowmanville Hospital...	Bowmanville....	18	5	18	611	189	818	767	28	6	23
Haldimand War Memorial	Dunnville.....	15	9	18	541	154	713	662	31	1	20
Red Cross Memorial....	Durham.....	17	5	8	186	51	245	216	18	3	11
Hanover Memorial.....	Hanover.....	17	5	9	220	77	306	284	13	2	9
Notre Dame.....	Hawkesbury....	18	3	8	641	61	710	669	25	5	16
Rosedale War Memorial.	Matheson.....	10	5	.....	99	21	120	111	4	1	5
Louise Marshall.....	Mount Forest..	16	5	5	198	75	278	263	8	2	7
Niagara Cottage.....	Niagara-on-Lake	11	4	4	245	72	321	289	19	1	13
Palmerston General....	Palmerston.....	10	4	11	391	51	453	426	15	4	12
General.....	Penetanguishene.	16	5	7	336	79	422	388	22	3	12
Sioux Lookout General..	Sioux Lookout..	16	4	24	576	62	662	638	14	.....	10
Wingham General.....	Wingham.....	20	5	12	337	98	447	416	23	4	8
TOTALS.....		184	59	124	4,381	990	5,495	5,129	220	32	146
GROUP 2											
Capacity, 26 to 50 Beds											
Stevenson Memorial....	Alliston.....	32	4	13	500	129	642	594	27	9	21
Rosamond Memorial....	Almonte.....	20	6	25	486	154	665	612	26	9	27
St. Joseph's.....	Blind River....	38	5	12	419	54	485	440	17	2	25
Lady Minto.....	Chapleau.....	26	7	25	426	68	519	473	24	2	22
Clinton Public.....	Clinton.....	24	7	13	381	98	492	460	19	4	13
Groves Memorial.....	Fergus.....	28	5	15	407	104	526	495	18	6	13
Douglas Memorial....	Fort Erie.....	35	15	19	1,094	257	1,370	1,287	62	9	31
La Verendrye.....	Fort Frances..	44	6	42	1,360	170	1,572	1,487	52	7	23
Alexandra Marine & Gen.	Goderich.....	42	8	23	625	160	808	738	42	4	28
Misericordia.....	Haileybury....	30	5	16	782	56	854	788	30	2	36
Alexandra.....	Ingersoll.....	32	10	40	779	154	973	907	36	7	30
Anson General.....	Iroquois Falls.	37	6	18	744	103	865	830	16	.....	19
Kincairdine General..	Kincairdine....	37	8	15	547	143	705	650	42	3	13
Memorial.....	Listowel.....	30	7	11	679	148	838	787	29	10	22
General.....	Mattawa.....	44	6	27	424	61	512	448	26	3	38
St. Andrew's.....	Midland.....	42	8	40	1,113	228	1,381	1,292	51	9	38
York County.....	North Bay....	32	8	27	1,037	265	1,329	1,243	60	14	26
Queen Victoria Memorial	Orangeville....	26	3	36	930	137	1,103	1,046	35	6	19
Lord Dufferin.....	Paris.....	37	3	12	771	133	916	835	36	4	22
Willet.....	Parry Sound..	26	8	26	410	109	545	487	36	4	25
Parry Sound General..	Petrolia.....	29	7	36	900	168	1,104	1,031	48	6	22
Charlotte E. Englehart.	Seaford.....	29	6	20	637	186	843	768	50	5	25
Scott Memorial.....	Smith's Falls..	21	6	19	519	109	647	592	38	2	17
St. Francis General..	South Porcupine.	35	5	23	445	67	535	482	25	2	28
Porcupine General....	Strathroy.....	30	12	26	867	206	1,099	1,099	19	5	14
Strathroy General....	Sturgeon Falls..	41	6	30	577	150	750	659	63	2	28
St. Jean de Brebeuf..	Tillsonburg....	33	7	30	613	67	710	641	39	3	30
Soldiers' Memorial....	Toronto.....	32	9	36	1,214	280	1,530	1,442	58	8	30
Lockwood Clinic.....	Toronto.....	40	.....	16	988	.....	1,004	972	16	.....	16
Mothercraft Centre...	Toronto.....	17	30	8	277	.....	285	263	.....	.....	22
County of Bruce Gen...	Walkerton.....	31	6	16	744	136	896	830	39	6	27
TOTALS.....		1,007	233	708	21,695	4,100	26,503	24,645	1,105	155	753
GROUP 3											
Capacity, 51 to 100 Beds											
Royal Victoria.....	Barrie.....	65	14	59	1,832	409	2,300	2,164	75	16	61
Peel Memorial.....	Brampton.....	43	9	34	1,069	317	1,420	1,344	49	7	27
St. Vincent de Paul....	Brockville....	69	5	28	1,184	195	1,407	1,310	56	9	41
Cobourg General.....	Cobourg.....	42	16	25	596	162	783	718	44	6	21
Lady Minto.....	Cochrane.....	62	8	42	568	101	711	616	44	4	51
General and Marine....	Collingwood..	51	9	38	1,242	248	1,528	1,415	62	5	51
Cornwall General....	Cornwall.....	71	16	67	1,613	221	1,901	1,785	66	6	50
Galt Hospital.....	Galt.....	75	16	67	1,942	395	2,404	2,262	94	7	48
St. Paul's.....	Hearst.....	67	6	62	1,402	125	1,589	1,522	34	5	33
Kenora General.....	Kenora.....	52	5	21	824	119	964	896	33	8	35
St. Joseph's.....	Kenora.....	52	12	25	694	122	841	785	32	5	24
The Ross Memorial....	Lindsay.....	52	8	36	1,433	372	1,841	1,694	89	26	58
Orillia Soldiers' Memorial	Orillia.....	69	11	51	1,867	296	2,214	2,067	85	10	62
Protestant Children's..	Ottawa.....	55	.....	25	1,047	.....	1,072	1,025	26	.....	21
Salvation Army Grace..	Ottawa.....	57	40	93	2,418	1,671	4,182	4,041	44	49	97
St. Joseph's General..	Parry Sound..	56	8	51	1,171	268	1,490	1,423	42	6	25
Pembroke Cottage....	Pembroke.....	50	8	38	1,227	191	1,456	1,373	47	3	36
Great War Memorial....	Perth.....	44	8	49	1,063	197	1,309	1,193	55	6	61
Prince Edward County..	Pierson.....	43	11	24	898	211	1,133	1,049	51	10	33

PUBLIC HOSPITALS (Cont'd)

TABLE No. I.—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, Jan. 1, 1942	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Still-births during year	Patients in residence, Dec. 31, 1942
		Adults and children	Nursery								
Group 3 (Cont'd)											
The Port Hope Hospital.	Port Hope.....	45	6	33	665	137	835	787	35	9	13
Victoria.....	Renfrew.....	72	8	29	927	183	1,139	1,045	54	7	40
Plummer Memorial.....	Sault Ste. Marie.....	52	12	48	1,613	322	1,983	1,875	56	9	52
Norfolk General.....	Simcoe.....	50	22	60	1,320	423	2,003	1,854	100	15	49
Smith's Falls Public.....	Smith's Falls.....	60	8	39	880	139	1,058	979	48	7	31
Salvation Army Grace.....	Toronto.....	54	37	62	2,075	1,381	3,518	3,391	27	51	100
Woodstock General.....	Woodstock.....	85	15	55	1,943	374	2,372	2,219	93	9	60
TOTALS.....		1,493	318	1,161	33,713	8,579	43,453	40,832	1,441	295	1,180
GROUP 4 Capacity, 101 to 200 Beds											
Brockville General.....	Brockville.....	103	11	67	1,930	262	2,259	2,096	90	5	73
Public General.....	Chatham.....	107	16	84	2,807	411	3,302	3,087	130	13	85
St. Joseph's.....	Chatham.....	122	17	85	2,685	545	3,315	3,115	122	18	78
Hotel Dieu.....	Cornwall.....	124	14	72	3,182	406	3,660	3,445	131	16	84
McKellar General.....	Fort William.....	189	9	168	4,890	611	5,669	5,368	141	7	160
Guelph General.....	Guelph.....	82	18	70	1,952	292	2,314	2,136	102	11	76
St. Joseph's.....	Guelph.....	86	17	71	1,776	358	2,205	2,047	78	9	80
Hotel Dieu.....	Kingston.....	184	16	125	3,677	523	4,325	4,071	130	15	124
Kitchener-Waterloo.....	Kitchener.....	113	27	104	3,080	590	3,774	3,541	124	19	109
St. Mary's.....	Kitchener.....	106	18	79	2,578	547	3,204	2,997	125	15	82
Niagara Falls General.....	Niagara Falls.....	120	18	89	3,325	707	4,121	3,863	172	23	86
St. Joseph's General.....	North Bay.....	113	12	95	1,856	229	2,180	2,065	57	9	58
Oshawa General.....	Oshawa.....	128	31	89	3,908	699	4,696	4,455	125	28	116
General and Marine.....	Owen Sound.....	85	16	56	2,008	390	2,454	2,278	107	16	69
General.....	Pembroke.....	115	10	54	1,756	236	2,046	1,889	94	12	63
Nicholl's.....	Peterborough.....	122	19	92	2,532	502	3,126	2,920	111	11	95
St. Joseph's.....	Peterborough.....	95	22	62	2,335	492	2,889	2,715	102	15	72
General.....	Port Arthur.....	135	16	72	2,714	430	3,216	3,038	77	9	101
St. Catharines General†.....	St. Catharines.....	157	18	111	4,967	848	5,926	5,602	185	20	139
Memorial.....	St. Thomas.....	111	27	90	2,844	641	3,575	3,314	177	18	84
Sarnia General.....	Sarnia.....	112	18	85	2,608	578	3,271	3,014	149	19	108
General.....	Sault Ste. Marie.....	97	15	49	2,122	406	2,577	2,394	120	14	63
Stratford General.....	Stratford.....	118	21	67	2,194	440	2,701	2,477	144	25	80
St. Mary's.....	Timmins.....	130	26	80	3,579	501	4,160	3,989	93	20	78
Mount Sinai.....	Toronto.....	82	20	89	3,157	826	4,072	3,878	100	18	94
Toronto East General.....	Toronto.....	150	32	168	4,252	1,142	5,562	5,184	226	42	152
Wellesley.....	Toronto.....	98	17	72	2,944	391	3,407	3,251	68	19	88
Women's College.....	Toronto.....	140	45	147	4,259	1,285	5,691	5,493	74	32	124
Welland County General.....	Welland.....	100	25	74	2,916	682	3,672	3,433	145	18	94
Metropolitan General.....	Windsor.....	116	26	100	4,821	775	5,696	5,395	172	17	129
Salvation Army Grace.....	Windsor.....	105	15	110	4,312	771	5,193	4,918	129	23	146
TOTALS.....		3,655	612	2,776	93,966	17,516	114,258	107,468	3,800	536	2,990
GROUP 5 Capacity, 201 Beds and Over											
Belleville General*.....	Belleville.....	180	33	147	4,873	904	5,924	5,596	216	29	112
Brantford General**.....	Brantford.....	234	20	158	4,191	845	5,194	4,748	268	32	178
Hamilton General†.....	Hamilton.....	824	117	585	15,505	2,843	18,933	17,533	850	89	550
St. Joseph's Hospital.....	Hamilton.....	175	30	140	5,011	953	6,104	5,727	225	40	152
Kingston General‡.....	Kingston.....	328	25	184	7,730	640	8,554	8,088	245	21	221
St. Joseph's.....	London.....	258	34	159	4,959	830	5,948	5,579	187	23	182
Victoria††.....	London.....	543	50	330	8,426	891	9,647	8,887	429	36	331
Ottawa Civic.....	Ottawa.....	540	60	479	14,052	1,539	16,070	14,855	602	53	613
Ottawa General.....	Ottawa.....	370	25	245	6,979	698	7,922	7,372	317	23	233
St. Joseph's General.....	Port Arthur.....	200	26	115	3,464	445	4,024	3,787	120	14	117
St. Joseph's.....	Sudbury.....	198	41	142	5,955	1,254	7,351	7,032	180	25	139
Hosp. for Sick Children.....	Toronto.....	432	.....	260	8,785	.....	9,045	8,439	313	.....	293
St. Joseph's.....	Toronto.....	315	26	254	7,676	1,164	9,094	8,469	349	39	276
St. Michael's.....	Toronto.....	643	45	440	12,309	1,532	14,281	13,056	685	47	540
Toronto General.....	Toronto.....	1,144	175	902	21,936	2,449	25,287	23,102	1,253	72	932
Toronto Western.....	Toronto.....	518	72	446	11,893	2,116	14,455	13,427	522	44	506
Hotel Dieu.....	Windsor.....	205	21	177	6,440	1,287	7,904	7,521	232	36	151
TOTALS.....		7,107	800	5,163	150,184	20,390	175,737	163,218	6,993	623	5,526
GRAND TOTALS:											
Public General Hospitals.....		13,446	2,022	9,932	303,939	51,575	365,446	341,292	13,559	1,641	10,595
Red Cross Outposts.....		364	77	206	7,740	1,504	9,450	9,000	261	54	189
GRAND TOTALS incl. Red Cross.....		13,810	2,099	10,138	311,679	53,079	374,896	350,292	13,820	1,695	10,784

¶Includes 10 isolation beds with 15 patients.
*Includes 10 isolation beds with 83 patients.
**Includes 28 isolation beds with 290 patients.

†Includes 70 isolation beds with 313 patients.
‡Includes 20 isolation beds with 221 patients.
††Includes 18 isolation beds with 147 patients.

PUBLIC HOSPITALS (Cont'd)

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days, adults and children, for year	Total days, infants born, for year	Total patient days, all patients, for year	Average number of patients in hospital daily	Number of graduate nurses	Number of other employees, includ. nurses-in-training	Percentage of adult beds occupied during year	Percentage of beds occupied during year, includ. bassinets
GROUP 1 Capacity, 1 to 25 Beds									%	%
Bowmanville Hospital	Bowmanville	818	6,384	1,977	8,361	23	15	9	97.1	99.6
Haldimand War Memorial	Dunnville	713	4,683	1,515	6,198	17	7	4	85.5	70.8
Red Cross Memorial	Durham	243	3,359	500	3,919	11	5	3	54.1	48.8
Hanover Memorial	Hanover	306	3,187	580	3,767	10	5	3	51.3	46.9
Notre Dame	Hawkesbury	710	5,456	562	6,018	16	2	18	83.0	78.5
Rosedale War Memorial	Matheson	120	639	186	825	2	3	4	17.5	15.0
Nuisse Marshall	Mount Forest	278	2,935	824	3,759	10	3	4	50.2	49.0
Niagara Cottage	Niagara-on-Lake	321	2,535	634	3,169	9	3	4	63.1	57.9
Palmerston General	Palmerston	453	3,188	539	3,727	10	4	3	87.3	72.9
General	Penetanguishene	422	3,414	788	4,202	12	5	4	58.4	54.8
Sioux Lookout General	Sioux Lookout	662	5,422	559	5,981	16	6	8	92.8	81.9
Wingham General	Wingham	447	3,651	981	4,632	13	4	9	50.0	50.8
TOTALS		5,495	44,853	9,705	54,558	149	62	73	66.8	61.5
GROUP 2 Capacity, 26 to 50 Beds										
Stevenson Memorial	Alliston	642	6,451	1,319	7,770	21	10	7	55.2	59.1
Rosamond Memorial	Almonte	665	4,900	1,670	6,570	18	7	5	67.1	69.2
St. Joseph's	Blind River	485	6,221	1,101	7,322	20	3	11	44.9	46.7
Lady Minto	Chapleau	519	7,826	611	8,437	23	6	8	82.5	70.0
Clinton Public	Clinton	492	4,488	967	5,455	15	4	12	51.2	48.2
Groves Memorial	Fergus	526	5,266	960	6,226	17	4	9	51.5	51.7
Douglas Memorial	Fort Erie	1,370	9,758	2,318	12,076	33	13	12	76.4	66.2
La Verendrye	Fort Frances	1,572	12,707	1,655	14,362	39	6	29	79.1	78.7
Alexandra Marine & Gen.	Goderich	808	8,118	1,660	9,778	27	13	10	53.0	53.6
Misericordia	Haileybury	854	7,544	449	7,993	22	4	16	68.9	62.6
Alexandra	Ingersoll	973	8,765	1,681	10,446	29	13	7	75.0	68.1
Anson General	Iroquois Falls	865	7,336	1,075	8,411	23	7	7	62.8	60.6
Kincardine General	Kincardine	705	5,302	1,246	6,548	18	6	5	39.3	39.9
Memorial	Listowel	838	6,170	1,521	7,691	21	11	7	56.3	56.9
General	Listowel	512	10,330	605	10,935	30	2	20	64.3	59.9
St. Andrew's	Midland	1,381	12,967	2,004	14,971	41	4	29	84.6	82.0
York County	Newmarket	1,329	10,170	2,568	12,738	35	13	11	87.0	87.2
Queen Victoria Memorial	North Bay	1,103	9,247	1,511	10,758	29	16	13	58.9	58.9
Lord Dufferin	Orangeville	916	7,382	1,392	8,774	24	10	10	77.8	82.9
Willett	Paris	545	6,877	1,099	7,976	22	8	7	50.9	48.6
Parry Sound General	Parry Sound	1,104	10,466	1,781	12,247	34	7	11	119.4	108.2
Charlotte E. Englehart	Petrolia	843	8,302	1,803	10,105	28	16	10	78.4	79.1
Scott Memorial	Seaforth	647	5,833	1,252	7,085	19	7	13	76.1	71.9
St. Francis General	Smith's Falls	535	8,249	871	9,120	25	11	14	64.6	62.5
Porcupine General	South Porcupine	1,099	6,381	1,987	8,368	23	10	12	58.3	54.6
Strathroy General	Strathroy	750	8,542	1,443	9,985	27	4	24	57.1	58.2
St. Jean de Brebeuf	Sturgeon Falls	710	9,806	719	10,525	29	8	10	81.4	72.1
Soldiers' Memorial	Tilsonburg	1,530	11,708	2,474	14,182	39	17	10	100.2	94.8
Lockwood Clinic	Toronto	1,004	8,155	.....	8,155	22	13	34	55.9	.....
Mothercraft Centre	Toronto	285	4,783	.....	4,783	13	5	36	.....	27.9
County of Bruce Gen.	Walkerton	896	7,160	1,132	8,292	23	9	8	63.3	61.4
TOTALS		26,503	247,210	40,874	288,084	789	267	417	67.2	63.6
GROUP 3 Capacity, 51 to 100 Beds										
Royal Victoria	Barrie	2,300	18,131	4,448	22,579	62	21	65	76.4	78.3
Peel Memorial	Brampton	1,420	11,254	3,237	14,491	40	17	12	71.7	76.3
St. Vincent de Paul	Brookville	1,407	14,944	2,109	17,053	47	25	28	59.3	63.1
Cobourg General	Cobourg	783	6,224	1,496	7,720	21	8	13	40.6	36.5
Lady Minto	Cochrane	711	14,420	1,271	15,691	43	13	15	63.7	61.4
General and Marine	Collingwood	1,528	14,935	2,713	17,648	48	12	43	80.2	80.6
Cornwall General	Cornwall	1,901	22,243	2,668	24,911	68	11	61	85.8	78.4
Galt Hospital	Galt	2,404	19,728	3,968	23,696	65	33	31	72.0	71.3
St. Paul's	Hearst	1,589	17,876	1,409	19,285	53	8	21	73.0	72.3
Kenora General	Kenora	964	9,551	1,144	10,695	29	5	24	50.3	51.4
St. Joseph's	Kenora	841	9,143	1,137	10,280	28	7	18	48.1	44.0
The Ross Memorial	Lindsay	1,841	15,696	3,646	19,342	53	12	40	82.7	88.3
Orillia Soldiers' Memorial	Orillia	2,214	23,660	3,916	27,576	76	10	59	93.9	94.4
Protestant Children's	Ottawa	1,072	10,055	.....	10,055	28	10	16	50.0	.....
Salvation Army Grace	Ottawa	4,182	22,914	19,617	42,531	117	13	55	110.1	120.1
St. Joseph's General	Parry Sound	1,490	11,255	2,624	13,879	38	7	11	55.0	59.4
Pembroke Cottage	Pembroke	1,456	12,600	2,158	14,851	41	16	17	69.4	70.0
Great War Memorial	Perth	1,309	15,117	2,218	17,335	47	21	17	94.1	91.3
Prince Edward County	Pictou	1,133	9,676	2,253	11,929	33	7	18	61.7	60.5

PUBLIC HOSPITALS (Cont'd)

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days, adults and children, for year	Total days, infants born, for year	Total patient days, all patients, for year	Average number of patients in hospital daily	Number of graduate nurses	Number of other employees, includ. nurses-in-training	Percentage of adult beds occupied during year	Percentage of beds occupied during year, includ. bassinets
Group 3 (Cont'd)										
The Port Hope Hospital..	Port Hope.....	835	6,575	1,346	7,921	21	9	10	40.0	42.6
Victoria.....	Renfrew.....	1,139	12,647	1,820	14,467	40	5	28	48.0	49.5
Plummer Memorial.....	Sault Ste. Marie.	1,983	15,951	3,191	19,142	52	15	42	84.0	81.9
Norfolk General.....	Simcoe.....	2,003	16,975	4,610	21,585	59	29	33	93.0	82.0
Smith's Falls Public.....	Smith's Falls....	1,058	14,350	1,418	15,768	43	23	14	65.5	63.5
Salvation Army Grace.....	Toronto.....	3,518	18,747	14,529	33,276	91	12	50	95.1	100.1
Woodstock General.....	Woodstock.....	2,372	21,493	4,100	25,593	70	16	76	69.3	70.1
TOTALS.....		43,453	386,233	93,046	479,279	1,313	365	816	70.9	72.5
GROUP 4										
Capacity, 101 to 200 Beds										
Brockville General.....	Brockville.....	2,259	27,790	2,933	30,723	84	9	95	73.9	73.8
Public General.....	Chatham.....	3,302	26,614	4,293	30,907	85	15	92	68.1	68.8
St. Joseph's.....	Chatham.....	3,315	27,963	5,390	33,353	91	14	108	62.8	65.7
Hotel Dieu.....	Cornwall.....	3,660	34,909	4,231	39,140	107	30	71	77.1	77.7
McKellar General.....	Fort William....	5,669	56,043	6,227	62,270	170	41	105	81.2	86.2
Guelph General.....	Guelph.....	2,314	24,514	3,149	27,663	76	11	94	70.8	68.9
St. Joseph's.....	Guelph.....	2,205	22,153	3,970	26,123	72	6	74	70.6	69.5
Hotel Dieu.....	Kingston.....	4,325	46,290	5,285	51,575	141	36	133	69.0	70.7
Kitchener-Waterloo.....	Kitchener.....	3,774	29,788	6,032	35,820	98	19	112	72.2	70.1
St. Mary's.....	Kitchener.....	3,204	29,299	5,850	35,149	96	28	89	75.7	77.7
Niagara Falls General.....	Niagara Falls...	4,121	33,428	6,635	40,063	110	14	84	76.3	79.5
St. Joseph's General.....	North Bay.....	2,180	20,454	2,332	22,786	62	14	65	49.6	49.9
Oshawa General.....	Oshawa.....	4,696	32,944	6,454	39,398	108	32	107	70.5	67.9
General and Marine.....	Owen Sound.....	2,454	21,966	3,797	25,763	71	20	74	70.8	69.9
General.....	Pembroke.....	2,046	21,535	2,563	24,098	66	12	72	51.3	52.8
Nicholl's.....	Peterborough...	3,126	33,116	5,515	38,631	106	28	95	74.4	75.1
St. Joseph's.....	Peterborough...	2,889	23,230	5,251	28,481	78	15	57	67.0	66.7
General.....	Port Arthur.....	3,216	30,962	4,406	35,368	97	23	95	62.8	64.1
St. Catharines General	St. Catharines...	5,926	43,528	8,104	51,632	141	32	140	76.0	80.8
Memorial.....	St. Thomas.....	3,575	33,243	6,628	39,871	109	22	110	82.0	79.2
Sarnia General.....	Sarnia.....	3,271	29,802	5,903	35,705	98	12	121	72.9	75.2
General.....	Sault Ste. Marie.	2,577	21,756	3,852	25,608	70	13	55	61.4	62.6
Stratford General.....	Stratford.....	2,701	26,126	4,356	30,482	84	9	96	60.7	60.1
St. Mary's.....	Timmins.....	4,160	19,256	5,080	24,336	67	24	101	40.6	42.9
Mount Sinai.....	Toronto.....	4,072	30,413	7,242	37,655	103	41	54	101.6	101.1
Toronto East General.....	Toronto.....	5,562	54,622	11,784	66,406	182	32	171	99.8	99.9
Wellesley.....	Toronto.....	3,407	30,784	4,613	35,397	97	15	168	86.0	84.3
Women's College.....	Toronto.....	5,691	44,067	14,865	58,932	161	43	181	86.4	87.3
Welland County General.....	Welland.....	3,672	26,862	6,417	33,279	91	43	9	72.9	72.9
Metropolitan General.....	Windsor.....	5,696	39,223	7,989	47,212	129	46	113	92.6	91.1
Salvation Army Grace.....	Windsor.....	5,193	41,851	8,067	49,918	137	14	135	109.2	114.0
TOTALS.....		114,258	984,531	179,213	1,163,744	3,188	713	3,076	73.8	74.7
GROUP 5										
Capacity, 201 Beds and Over										
Belleville General*.....	Belleville.....	5,924	49,188	8,591	57,779	158	27	142	74.9	74.3
Brantford General**.....	Brantford.....	5,194	59,031	9,393	68,424	188	32	171	69.1	73.8
Hamilton General†.....	Hamilton.....	18,933	209,548	30,362	239,910	657	129	722	69.7	69.8
St. Joseph's Hospital.....	Hamilton.....	6,104	51,801	9,892	61,693	168	30	171	80.8	82.2
Kingston General‡.....	Kingston.....	8,554	84,641	6,731	91,372	250	42	316	70.7	70.9
St. Joseph's.....	London.....	5,948	62,678	9,377	72,055	197	35	224	66.6	67.6
Victoria††.....	London.....	9,647	134,504	8,655	143,159	392	74	398	67.9	66.1
Ottawa Civic.....	Ottawa.....	16,070	203,454	19,968	223,422	612	88	532	103.2	102.0
Ottawa General.....	Ottawa.....	7,922	98,676	7,600	106,276	291	112	233	73.0	73.7
St. Joseph's General.....	Port Arthur.....	4,024	41,689	5,344	47,033	129	17	108	57.1	57.0
St. Joseph's.....	Sudbury.....	7,351	49,942	10,825	60,767	167	27	142	69.1	69.7
Hosp. for Sick Children.....	Toronto.....	9,045	132,836	.....	132,836	364	86	474	84.2	.....
St. Joseph's.....	Toronto.....	9,094	92,045	11,782	103,827	284	52	330	80.0	83.4
St. Michael's.....	Toronto.....	14,281	183,275	18,434	201,709	553	78	616	78.1	80.3
Toronto General.....	Toronto.....	25,287	359,774	31,020	390,794	1,071	210	1,184	86.2	81.2
Toronto Western.....	Toronto.....	14,455	161,707	24,215	185,922	509	96	540	85.5	86.3
Hotel Dieu.....	Windsor.....	7,904	55,776	13,827	69,603	191	18	170	74.5	84.4
TOTALS.....		175,737	2,030,365	226,016	2,256,381	6,181	1,153	6,473	78.3	78.2
GRAND TOTALS:										
Public General Hos pitals.....		365,446	3,693,192	548,854	4,242,046	11,622	2,560	10,855	75.3	75.1
Red Cross Outposts.....		9,450	66,366	14,775	81,141	222	92	108	.....	50.4
GRAND TOTALS incl. Red Cross.....		374,896	3,759,558	563,629	4,323,187	11,844	2,652	10,963	74.6	74.5

*Includes 15 isolation patients with 291 days.

**Includes 83 isolation patients with 1,196 days.

††Includes 290 isolation patients with 7,246 days.

†Includes 313 isolation patients with 7,636 days.

‡Includes 221 isolation patients with 2,877 days.

‡‡Includes 147 isolation patients with 2,913 days.

PUBLIC HOSPITALS (Cont'd)

TABLE No. III.—Showing the cost of operating the hospitals; also the average daily cost of each patient.

Name of Hospital	Location	Total patient days, all patients for year	Cost of dietary supplies	Other operating costs	Total operating cost, excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
GROUP 1							
Capacity, 1 to 25 Beds							
Bowmanville Hospital.....	Bowmanville.....	8,361	4,484.17	18,972.99	23,457.16	2.81	.....
Haldimand War Memorial.....	Dunnville.....	6,198	4,185.98	14,158.43	18,344.41	2.95	.....
Red Cross Memorial.....	Durham.....	3,919	1,780.13	8,933.81	10,713.94	2.73	366.70
Hanover Memorial.....	Hanover.....	3,767	1,840.63	9,563.17	11,403.80	3.03	150.00
Notre Dame.....	Hawkesbury.....	6,018	3,119.45	15,897.07	19,016.52	3.16	.....
Rosedale War Memorial.....	Mt. Hesperon.....	825	754.89	4,655.52	5,410.41	6.56	.....
Louise Marshall.....	Mount Forest.....	3,759	1,384.98	6,904.95	8,289.93	2.21	.....
Niagara Cottage.....	Niagara-on-the-Lake.....	3,169	2,068.91	8,021.14	10,090.05	3.18	.....
Palmerston General.....	Palmerston.....	3,727	2,246.28	10,631.15	12,877.43	3.46	.....
General.....	Penetanguishene.....	4,202	2,030.30	10,552.42	12,582.72	2.99	.....
Sioux Lookout General.....	Sioux Lookout.....	5,981	3,358.32	14,717.95	18,076.27	3.02	.....
Wingham General.....	Wingham.....	4,632	2,279.99	13,008.05	15,288.04	3.30	.....
TOTALS.....		54,558	29,534.03	136,016.65	165,550.68	3.03	516.70
GROUP 2							
Capacity, 26 to 50 Beds							
Stevenson Memorial.....	Alliston.....	7,770	4,741.78	22,164.83	26,906.61	3.46	.....
Rosamond Memorial.....	Almonte.....	6,570	3,288.90	15,152.00	18,440.90	2.81	.....
St. Joseph's.....	Blind River.....	7,322	3,399.26	9,682.07	13,081.33	1.79	608.96
Lady Minto.....	Chapleau.....	8,437	4,253.94	19,027.84	23,281.78	2.76	.....
Clinton Public.....	Clinton.....	5,455	3,680.93	12,787.59	16,468.52	3.02	80.02
Groves Memorial.....	Fergus.....	6,226	4,966.51	18,109.19	23,075.70	3.71	.....
Douglas Memorial.....	Fort Erie.....	12,076	7,429.02	37,050.11	44,479.13	3.68	.....
La Verendrye.....	Fort Frances.....	14,362	5,596.21	25,557.97	31,154.18	2.17	6,205.40
Alexandra Marine & Gen.....	Goderich.....	9,778	6,863.21	22,538.54	29,401.75	3.01	.....
Misericordia.....	Haileybury.....	7,993	5,079.18	20,861.31	25,940.49	3.25	4,686.32
Alexandra.....	Ingersoll.....	10,446	5,880.61	27,522.54	33,403.15	3.20	.....
Anson General.....	Iroquois Falls.....	8,411	7,685.27	38,486.91	46,172.18	5.49	.....
Kincardine General.....	Kincardine.....	6,548	3,334.80	15,403.75	18,738.55	2.86	.....
Memorial.....	Listowel.....	7,691	4,100.49	20,549.03	24,649.52	3.20	475.07
General.....	Mattawa.....	10,935	5,226.25	17,438.70	22,664.95	2.07	.....
St. Andrew's.....	Midland.....	14,971	5,766.36	21,384.81	27,151.17	1.81	.....
York County.....	Newmarket.....	12,738	7,288.07	32,931.54	40,219.61	3.16	243.00
Queen Victoria Memorial.....	North Bay.....	10,758	9,819.11	39,826.54	49,645.65	4.61	.....
Lord Dufferin.....	Orangeville.....	8,774	5,442.09	24,240.67	29,682.76	3.38	.....
Willett.....	Paris.....	7,976	4,444.98	20,115.90	24,560.88	3.08	.....
Parry Sound General.....	Parry Sound.....	12,247	5,729.90	15,360.71	21,090.61	1.72	.....
Charlotte E. Englehart.....	Petrolia.....	10,105	5,774.95	30,142.55	35,917.50	3.55	.....
Scott Memorial.....	Seaforth.....	7,085	3,945.49	16,102.37	20,047.86	2.83	.....
St. Francis General.....	Smith's Falls.....	9,120	9,082.06	20,058.52	29,140.58	3.20	332.00
Porcupine General.....	South Porcupine.....	8,368	6,590.60	30,210.71	36,801.31	4.40	.....
Strathroy General.....	Strathroy.....	9,985	4,876.20	20,677.79	25,553.99	2.56	.....
St. Jean de Brebeuf.....	Sturgeon Falls.....	10,525	4,898.21	21,619.09	26,517.30	2.52	.....
Soldiers' Memorial.....	Tillsonburg.....	14,182	8,088.29	33,735.60	41,823.89	2.95	.....
Lockwood Clinic.....	Toronto.....			Financ	not submitted.		
Mothercraft Centre.....	Toronto.....	4,783	4,725.72	18,699.75	23,695.47	4.95	.....
County of Bruce General.....	Walkerton.....	8,292	3,862.08	19,327.44	23,189.52	2.80	.....
TOTALS.....		279,929	165,860.47	687,036.37	852,896.84	3.05	12,630.77
GROUP 3							
Capacity, 51 to 100 Beds							
Royal Victoria.....	Barrie.....	22,579	18,610.02	52,485.36	71,095.38	3.15	.....
Peel Memorial.....	Brampton.....	14,491	9,159.77	34,807.21	43,966.98	3.03	440.00
St. Vincent de Paul.....	Brockville.....	17,053	18,497.96	47,434.08	65,932.04	3.87	.....
Cobourg General.....	Cobourg.....	7,720	3,890.04	21,819.49	25,715.53	3.33	.....
Lady Minto.....	Cochrane.....	15,691	11,850.86	28,573.15	40,424.01	2.58	.....
General and Marine.....	Collingwood.....	17,648	11,401.58	37,019.78	48,421.36	2.74	.....
Cornwall General.....	Cornwall.....	24,911	18,217.99	61,289.09	79,507.08	3.19	114.05
Galt Hospital.....	Galt.....	23,696	20,797.93	79,744.09	100,542.02	4.24	.....
St. Paul's.....	Hearst.....	19,285	10,183.27	30,786.45	40,970.41	2.12	.....
Kenora General.....	Kenora.....	10,695	8,813.27	26,186.05	34,999.32	3.27	648.00
St. Joseph's.....	Kenora.....	10,280	7,973.98	20,637.96	28,611.94	2.78	4,600.50
The Ross Memorial.....	Lindsay.....	19,342	11,573.60	43,953.80	55,529.40	2.87	.....
Orillia Soldiers' Memorial.....	Orillia.....	27,576	19,118.64	51,007.37	70,126.01	2.54	24.87
Protestant Children's.....	Ottawa.....	10,055	4,754.22	28,121.94	32,876.16	3.27	690.00
Salvation Army Grace.....	Ottawa.....	42,531	16,752.86	57,253.46	74,006.32	1.74	373.21
St. Joseph's General.....	Parry Sound.....	13,879	8,019.81	22,077.38	30,097.19	2.17	1,083.20
Pembroke Cottage.....	Pembroke.....	14,831	11,300.45	41,592.41	55,892.86	3.77	.....
Great War Memorial.....	Perth.....	17,335	10,848.37	38,934.03	49,782.40	2.87	.....
Prince Edward County.....	Pictou.....	11,929	7,079.67	20,822.07	27,901.74	2.34	.....

PUBLIC HOSPITALS (Cont'd)

TABLE No. III.—Showing the cost of operating the hospitals; also the average daily cost of each patient.

Name of Hospital	Location	Total patient days, all patients for year	Cost of dietary supplies	Other operating costs	Total operating cost, excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
Group 3 (Cont'd)			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
The Port Hope Hospital....	Port Hope.....	7,921	5,079.25	25,603.15	30,682.40	3.87	.....
Victoria.....	Renfrew.....	14,467	8,698.29	26,186.74	34,885.03	2.41	3,666.97
Plummer Memorial.....	Sault Ste. Marie....	19,142	12,868.92	45,157.99	58,026.91	3.03	1,600.00
Norfolk General.....	Simcoe.....	21,585	11,486.21	67,837.86	79,324.07	3.67	.....
Smith's Falls Public.....	Smith's Falls.....			Financial statement not submitted.			
Salvation Army Grace.....	Toronto.....	33,276	17,268.83	63,495.28	80,764.11	2.43	.....
Woodstock General.....	Woodstock.....	25,593	20,143.30	76,100.01	96,243.31	3.76	200.00
TOTALS.....		463,511	304,397.78	1,051,926.20	1,356,323.98	2.93	13,440.60
GROUP 4							
Capacity, 101 to 200 Beds							
Brockville General.....	Brockville.....	30,723	24,688.71	66,785.23	91,473.94	2.98	.....
Public General.....	Chatham.....	30,907	23,202.77	69,779.80	92,982.57	3.01	1,282.66
St. Joseph's.....	Chatham.....	33,353	27,890.61	76,016.40	103,907.01	3.12	1,484.84
Hotel Dieu.....	Cornwall.....	39,140	24,042.92	61,381.62	85,424.54	2.18	10,667.92
McKellar General.....	Fort William.....	62,270	37,001.40	166,557.85	203,559.25	3.27	13,705.00
Guelph General.....	Guelph.....	27,663	24,960.01	81,383.24	106,343.25	3.84	.....
St. Joseph's.....	Guelph.....	26,123	27,585.93	61,456.34	89,042.27	3.40	.....
Hotel Dieu.....	Kingston.....	51,575	45,358.22	104,368.50	149,726.72	2.90	10,910.54
Kitchener-Waterloo.....	Kitchener.....	35,820	28,614.96	118,711.33	147,326.29	4.11	1,108.17
St. Mary's.....	Kitchener.....	35,149	26,246.02	77,188.10	103,434.12	2.94	7,194.14
Niagara Falls General.....	Niagara Falls.....	40,063	24,406.91	91,552.66	115,959.57	2.89	.....
St. Joseph's General.....	North Bay.....	22,786	14,899.37	50,908.94	65,808.31	2.89	11,904.69
Oshawa General.....	Oshawa.....	39,398	33,977.83	137,504.52	171,482.35	4.35	.....
General and Marine.....	Owen Sound.....	25,763	17,928.26	80,731.81	98,660.07	3.83	1,376.67
General.....	Pembroke.....	24,098	18,020.88	48,639.04	66,659.92	2.77	.....
Nicholl's.....	Peterborough.....	38,631	28,872.59	112,017.66	140,890.25	3.65	.....
St. Joseph's.....	Peterborough.....	28,481	17,585.43	57,707.48	75,292.91	2.64	.....
General.....	Port Arthur.....	35,368	23,716.22	93,687.78	117,404.00	3.32	18,194.61
St. Catharines General.....	St. Catharines.....	51,632	37,166.83	173,278.61	210,445.44	4.08	1,030.27
Memorial.....	St. Thomas.....	39,871	31,107.05	112,263.93	143,370.98	3.60	.....
Sarnia General.....	Sarnia.....	35,705	31,454.27	90,562.40	122,016.67	3.42	.....
General.....	Sault Ste. Marie....	25,608	17,421.54	56,693.60	74,115.14	2.89	.....
Stratford General.....	Stratford.....	30,482	23,741.53	77,000.45	100,741.98	3.30	.....
St. Mary's.....	Timmins.....	24,336	29,693.13	104,890.64	134,583.77	5.53	.....
Mount Sinai.....	Toronto.....	37,655	24,451.08	123,118.81	147,569.89	3.92	631.36
Toronto East General.....	Toronto.....	66,406	44,676.71	187,141.30	231,818.01	3.49	.....
Wellesley.....	Toronto.....	35,397	45,913.70	139,534.69	185,448.39	5.24	2,765.04
Women's College.....	Toronto.....	58,932	37,644.50	191,897.28	229,541.78	3.90	4,656.04
Welland County General.....	Welland.....	33,279	20,424.48	92,927.69	113,352.17	3.41	.....
Metropolitan General.....	Windsor.....	47,212	31,724.83	220,590.38	252,315.21	5.34	.....
Salvation Army Grace.....	Windsor.....	49,918	34,843.31	135,300.36	170,143.67	3.41	60.95
TOTALS.....		1,163,744	879,262.00	3,261,578.44	4,140,840.44	3.56	86,962.90
GROUP 5							
Capacity, 201 Beds and Over							
Belleville General.....	Belleville.....	57,779	39,332.37	137,824.72	177,157.09	3.07	5,250.78
Brantford General.....	Brantford.....	68,424	43,223.24	195,703.29	238,926.53	3.49	.....
Hamilton General.....	Hamilton.....	239,910	163,331.98	744,676.88	908,008.86	3.78	34,498.55
St. Joseph's.....	Hamilton.....	61,493	51,455.52	131,984.26	183,439.78	2.98	.....
Kingston General.....	Kingston.....	91,372	88,441.21	278,357.82	366,799.03	4.01	5,400.00
St. Joseph's.....	London.....	72,055	52,211.96	164,808.70	217,020.66	3.01	17,711.93
Victoria.....	London.....	143,159	115,174.97	467,571.01	582,745.98	4.07	90,023.16
Ottawa Civic.....	Ottawa.....	223,422	167,068.64	596,613.52	763,682.16	3.42	108,720.22
Ottawa General.....	Ottawa.....	106,276	63,516.52	274,107.65	337,624.17	3.18	33,400.94
St. Joseph's General.....	Port Arthur.....	47,033	30,525.60	111,115.92	141,641.52	3.01	.....
St. Joseph's.....	Sudbury.....	60,767	35,724.01	162,958.91	198,682.92	3.27	15,841.25
Hospital for Sick Children.....	Toronto.....	132,836	118,915.03	517,484.73	636,399.76	4.79	.....
St. Joseph's.....	Toronto.....	103,827	84,260.23	244,507.83	328,768.06	3.17	19,934.40
St. Michael's.....	Toronto.....	201,709	150,380.17	562,837.97	713,218.14	3.54	45,653.47
Toronto General.....	Toronto.....	390,794	290,487.06	1,538,076.73	1,828,563.79	4.68	.....
Toronto Western.....	Toronto.....	185,922	159,983.01	668,471.84	828,454.85	4.46	15,500.00
Hotel Dieu.....	Windsor.....	69,603	59,763.35	185,742.46	245,505.81	3.53	10,407.00
TOTALS.....		2,256,381	1,713,794.87	6,982,844.24	8,696,639.11	3.85	402,281.70
GRAND TOTALS:							
Public General Hospitals.....		4,218,123	3,092,849.15	12,119,401.90	15,212,251.05	3.60	515,832.67
Red Cross Outposts.....		81,141	58,344.48	266,486.02	324,830.50	4.00	.....
GRAND TOTALS incl. Red Cross.....		4,299,264	3,151,193.63	12,385,887.92	15,537,081.55	3.61	515,832.67

NOTE.—Total operating cost includes expense of operating Out-Patient Department.

PUBLIC HOSPITALS (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building, debentures, etc.	Total income from all sources other than Government grants
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
GROUP 1							
Capacity, 1 to 25 Beds							
Bowmanville Hospital.....	Bowmanville.....	17,979.48	4,283.60	1,564.54	10,015.00		33,842.62
Haldimand War Memorial.....	Dunnville.....	15,483.61	2,680.85	1,050.60	428.32		18,698.38
Red Cross Memorial.....	Durham.....	8,056.42	1,560.09	292.62			9,909.13
Hanover Memorial.....	Hanover.....	8,284.01	1,966.27		5,307.65		15,557.93
Notre Dame.....	Hawkesbury.....	11,063.58	3,584.65	101.38	25.50		14,775.11
Rosedale War Memorial.....	Matheson.....	1,915.40		2,627.50	2.50		4,545.40
Louise Marshall.....	Mount Forest.....	8,927.73	200.00	191.29	25.00		9,344.02
Niagara Cottage.....	Niagara-on-Lake.....	6,517.30	1,938.75	588.87	609.00		9,653.92
Palmerston General.....	Palmerston.....	12,264.79	1,338.50	6.46			13,609.75
General.....	Penetanguishene.....	9,806.45	1,414.97		885.70		12,107.12
Sioux Lookout General.....	Sioux Lookout.....	16,933.27	558.50	694.54	1,925.35		20,111.66
Wingham General.....	Wingham.....	12,613.53	1,100.00	487.63			14,201.16
TOTALS.....		129,845.57	20,626.18	6,660.43	19,224.02		176,356.20
GROUP 2							
Capacity, 26 to 50 Beds							
Stevenson Memorial.....	Alliston.....	20,512.73	1,571.50	15,104.31			37,188.54
Rosamond Memorial.....	Almonte.....	13,222.65	1,085.90	2,015.94	957.62		17,282.11
St. Joseph's.....	Blind River.....	12,200.05	2,018.80	45.00	1,212.44		15,476.29
Lady Minto.....	Chapleau.....	18,895.81		1,041.26			20,537.07
Clinton Public.....	Clinton.....	16,977.41	1,595.50	496.26			19,069.17
Groves Memorial.....	Fergus.....	20,157.47	2,854.58		446.72		23,458.77
Douglas Memorial.....	Fort Erie.....	40,931.61	5,115.55	6,777.76	710.54		53,535.46
La Verendrye.....	Fort Frances.....	43,951.43	5,386.15	35.00	5,450.76		54,823.34
Alexandra Marine & Gen.....	Goderich.....	21,525.66	4,897.95	2,386.55	3,936.36		32,746.52
Misericordia.....	Haileybury.....	18,831.76	2,700.20	4,131.67	4,993.19		30,656.82
Alexandra.....	Ingersoll.....	27,271.31	2,465.05	1,447.00	76.37		31,259.73
Anson General.....	Iroquois Falls.....	24,375.33	3,301.43	5.00			27,681.76
Kincardine General.....	Kincardine.....	20,212.58	4,700.00	467.89	502.82		25,883.29
Memorial.....	Listowel.....	25,638.54	2,400.00	1,291.35			29,329.89
General.....	Mattawa.....	9,437.28	6,084.85	3,115.80	3,785.20		22,423.13
St. Andrew's.....	Midland.....	25,780.31	7,474.05	741.46	971.90		34,967.72
York County.....	Newmarket.....	29,785.91	8,524.70	1,568.68	50.00		39,929.29
Queen Victoria Memorial.....	North Bay.....	40,271.69	7,362.05		757.92		48,391.66
Lord Dufferin.....	Orangeville.....	23,472.44	3,493.60	263.98	208.33		27,438.35
Willett.....	Paris.....	20,342.40	730.01	595.13	1,349.54		23,017.08
Parry Sound General.....	Parry Sound.....	23,425.63	2,367.47	647.00	4,500.00		30,940.10
Charlotte E. Englehart.....	Petrolia.....	26,309.01	1,728.20	5,167.87			33,205.08
Scott Memorial.....	Seaforth.....	18,701.83	1,548.45	495.04			20,745.32
St. Francis General.....	Smith's Falls.....	23,906.20	3,311.00	2,387.29	11,390.48		40,994.97
Porcupine General.....	South Porcupine.....	33,305.32	848.50	1,309.76	243.99		35,707.57
Strathroy General.....	Strathroy.....	22,749.49	4,867.77	648.15	340.88		28,606.29
St. Jean de Brebeuf.....	Sturgeon Falls.....	13,564.25	8,009.40	139.65	150.00		21,863.30
Soldiers' Memorial.....	Tillsonburg.....	34,527.12	5,921.87	4,734.44	1,069.64		46,253.07
Lockwood Clinic.....	Toronto.....	6,866.95	2,026.50	576.00	2,090.34		11,559.79
Mothercraft Centre.....	Toronto.....	22,768.48	4,800.00	577.10	1,003.05		29,148.63
County of Bruce General.....	Walkerton.....						
TOTALS.....		699,918.65	109,191.03	58,812.34	46,198.09		914,120.11
GROUP 3							
Capacity, 51 to 100 Beds							
Royal Victoria.....	Barrie.....	56,854.72	6,609.63	1,660.76	1,100.48		66,225.59
Peel Memorial.....	Brampton.....	44,135.67	4,036.50	635.45	2,351.70		51,159.32
St. Vincent de Paul.....	Brockville.....	51,002.10	3,071.60	1,452.84	22,965.98		78,492.52
Cobourg General.....	Cobourg.....	19,777.17	3,111.35	929.00	240.00		24,057.52
Lady Minto.....	Cochrane.....	20,250.10	3,770.35	778.78	131.75		24,930.98
General and Marine.....	Collingwood.....	42,658.78	3,208.36	951.24	7,359.90		54,178.28
Cornwall General.....	Cornwall.....	72,958.78	12,108.20	4,297.42	12,607.24		102,301.64
Galt Hospital.....	Galt.....	75,537.28	4,703.35	8,082.18	5,862.33		94,205.14
St. Paul's.....	Hearst.....	21,215.23	1,543.53	346.30	6,590.59		29,695.65
Kenora General.....	Kenora.....	23,890.45	8,145.10	25.00	2,342.59		34,403.14
St. Joseph's.....	Kenora.....	17,708.14	4,978.16	1,196.71	5,275.84		29,158.85
The Ross Memorial.....	Lindsay.....	52,510.25	5,369.65	2,329.58			60,209.48
Orillia Soldiers' Memorial.....	Orillia.....	67,835.96	6,305.30	1,107.44			75,248.70
Protestant Children's.....	Ottawa.....	12,089.93	8,968.25	15.90	12,698.11		33,772.19
Salvation Army Grace.....	Ottawa.....	72,104.62	1,215.75	91.79	138.00		73,550.16
St. Joseph's General.....	Parry Sound.....	32,063.69	1,942.20	6,055.81	7,058.90		47,120.60
Pembroke Cottage.....	Pembroke.....	43,926.86	1,547.50	4,700.87			50,175.23
Great War Memorial.....	Perth.....	50,818.21	2,228.75	2,412.12	500.00		55,959.08
Prince Edward County.....	Pictou.....	26,367.55	4,513.80	995.33	1,259.64		33,136.32

PUBLIC HOSPITALS (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building, debentures, etc.	Total income from all sources other than Government grants
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Group 3 (Cont'd)							
The Port Hope Hospital...	Port Hope.....	25,266.74	1,350.00	1,485.08	430.00		28,531.82
Victoria.....	Renfrew.....	29,600.21	7,749.05	17.53			37,366.79
Plummer Memorial.....	Sault Ste. Marie.	56,741.10	3,086.10	30.00	445.00		60,302.20
Norfolk General.....	Simcoe.....	57,700.68	11,825.62	1,120.88	1,453.10		72,100.28
Smith's Falls Public.....	Smith's Falls....		Financial	statement not	submitted.		
Salvation Army Grace.....	Toronto.....	87,577.03	2,187.55	498.06	944.40		91,207.04
Woodstock General.....	Woodstock.....	88,226.27	5,265.31	1,651.38	1,908.37		97,051.33
TOTALS.....		1,148,867.52	118,840.96	42,861.35	93,963.92		1,404,533.75
GROUP 4							
Capacity, 101 to 200 Beds							
Brockville General.....	Brockville.....	87,533.50	13,125.09	4,605.24	1,476.75		106,740.58
Public General.....	Chatham.....	106,757.93	7,878.75	1,367.56	1,749.40	6,500.00	124,253.64
St. Joseph's.....	Chatham.....	106,708.99	8,623.35	8,186.55	13,947.76		137,466.65
Hotel Dieu.....	Cornwall.....	58,648.02	35,673.20	415.79	550.00		95,287.01
McKellar General.....	Fort William....	190,431.29	50,700.49	285.00	612.29		242,029.07
Guelph General.....	Guelph.....	90,938.88	16,246.30	3,848.37	459.50		111,493.05
St. Joseph's.....	Guelph.....	74,951.14	7,828.84	857.74	58.00		83,695.72
Hotel Dieu.....	Kingston.....	137,136.83	20,655.65	6,949.35	23,438.85		188,180.68
Kitchener-Waterloo.....	Kitchener.....	140,616.66	26,777.26	6,317.62	125.00	16,300.00	190,136.54
St. Mary's.....	Kitchener.....	111,784.08	12,688.35	6,050.50	14,705.43		145,228.36
Niagara Falls General.....	Niagara Falls..	140,062.80	8,594.60	741.87	745.00		150,144.27
St. Joseph's General.....	North Bay.....	60,351.40	10,384.15	1,894.33	8,887.81		81,517.69
Oshawa General.....	Oshawa.....	155,956.43	4,122.17	6,174.97	1,813.96		168,067.53
General and Marine.....	Owen Sound....	93,965.31	6,308.03	2,038.52	10,898.52	3,000.00	116,210.38
General.....	Pembroke.....	55,725.79	5,542.05	1,371.96	10,200.00		72,839.80
Nicholl's.....	Peterborough..	109,465.84	14,916.55	10,472.51			134,854.90
St. Joseph's.....	Peterborough..	78,986.50	4,822.55	1,014.49	62,359.53		147,183.07
General.....	Port Arthur....	109,321.62	13,589.00	1,293.74	1,326.68		125,531.04
St. Catharines General.....	St. Catharines..	204,106.96	14,007.80	3,791.30	980.95		222,887.01
Memorial.....	St. Thomas.....	143,441.77	25,148.75	2,818.05			171,408.57
Sarnia General.....	Sarnia.....	116,997.48	15,566.22	3,086.20	359.39		136,009.29
General.....	Sault Ste. Marie.	76,182.08	5,516.65	1,002.43	10,778.46		93,479.62
Stratford General.....	Stratford.....	98,532.46	10,638.63	1,499.10			110,670.19
St. Mary's.....	Timmins.....	132,842.98	10,319.20	14,774.24	17,089.50		175,025.92
Mount Sinai.....	Toronto.....	123,372.48	14,749.99	7,760.00	21,479.34		167,361.81
Toronto East General.....	Toronto.....	225,290.57	28,092.55	8,548.93	2,577.46		264,509.51
Wellesley.....	Toronto.....	199,900.23	1,226.75	1,009.28			202,136.26
Women's College.....	Toronto.....	194,046.47	27,638.52	202.45			221,887.44
Welland County General.....	Welland.....	115,257.59	6,028.30	813.79	9,890.00		131,989.68
Metropolitan General.....	Windsor.....	196,497.75	8,750.35	4,019.50	481.20		209,748.80
Salvation Army Grace.....	Windsor.....	185,911.87	5,172.47		564.89	6,000.00	197,649.23
TOTALS.....		3,921,723.70	441,332.56	113,211.38	217,555.67	31,800.00	4,725,623.31
GROUP 5							
Capacity, 201 Beds and Over							
Belleville General.....	Belleville.....	170,716.23	39,022.31	23.10	3,622.35		213,383.99
Brantford General.....	Brantford.....	186,805.49	37,723.88	703.13	1,011.54		226,244.04
Hamilton General.....	Hamilton.....	566,096.15	117,180.01				683,276.16
St. Joseph's.....	Hamilton.....	188,720.61	11,238.85	955.24	11,666.61		212,581.31
Kingston General.....	Kingston.....	305,998.71	44,582.12	25,664.18	4,125.45		380,370.46
St. Joseph's.....	London.....	248,183.79	20,884.90	7,600.38	34,753.85		311,422.92
Victoria.....	London.....	376,921.46	190,154.48	1,646.08		90,023.16	658,745.18
Ottawa Civic.....	Ottawa.....	646,845.96	102,256.00	4,746.67		108,720.22	862,568.85
Ottawa General.....	Ottawa.....	271,673.40	60,390.08	1,791.87	51,070.61		384,925.96
St. Joseph's General.....	Port Arthur....	140,824.96	13,500.00	8,695.12	9,224.10		172,244.18
St. Joseph's.....	Sudbury.....	199,511.60	12,521.80	1,182.16	28,453.25		241,668.81
Hosp. for Sick Children.....	Toronto.....	214,344.29	150,658.44	79,986.30	78,038.66		523,027.69
St. Joseph's.....	Toronto.....	299,194.05	53,921.70	775.27	28,791.63		382,682.65
St. Michael's.....	Toronto.....	520,535.82	177,113.63	4,486.73	101,067.00		803,203.18
Toronto General.....	Toronto.....	1,384,197.81	281,631.14	93,466.46	10,076.89		1,769,372.30
Toronto Western.....	Toronto.....	707,295.59	112,881.21	2,498.02			822,674.82
Hotel Dieu.....	Windsor.....	253,335.08	8,946.85	6,523.76	27,970.26		296,775.95
TOTALS.....		6,681,201.00	1,434,607.40	240,744.47	389,872.20	198,743.38	8,945,168.45
GRAND TOTALS:							
Public General Hosp	itals.....	12,581,556.44	2,124,598.13	462,289.97	766,813.90	230,543.38	16,165,801.82
Red Cross Outposts.....		228,065.20	14,989.33	2,482.39	17,373.27		262,910.19
GRAND TOTALS Incl. R	ed Cross.....	12,809,621.64	2,139,587.46	464,772.36	784,187.17	230,543.38	16,428,712.01

PUBLIC HOSPITALS (Cont'd)

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Days at 10c.	Days at 40c.	Infants born, days at 30c.	Amount	Grant for indigents from unorganized territory		Adjustments		Total Government grant
							\$ c.	\$ c.	\$ c.	\$ c.	
GROUP 1											
Capacity, 1 to 25 Beds											
Bowmanville Hospital.....	Bowmanville.....	1,851	661	48	281	1,280.20			9.00		1,271.20
Haldimand War Memorial.....	Dunnville.....	818	45		77	518.40			3.90		514.50
Red Cross Memorial.....	Durham.....	485	384		38	340.80					340.80
Hanover Memorial.....	Hanover.....	1,175	841		151	834.40			3.00		831.40
Notre Dame.....	Hawkesbury.....	2,941			46	1,778.40				9.60	1,788.00
Rosedale War Memorial.....	Matheson.....	100			11	63.30	78.25				141.55
Louise Marshall.....	Mount Forest.....	530			233	387.90					387.90
Niagara Cottage.....	Niagara-on-Lake.....	1,287			166	822.00				6.00	828.00
Palmerston General.....	Palmerston.....	500			32	309.60			3.00		306.60
General.....	Penetanguishene.....	1,203	148		303	827.50			13.80		813.70
Sioux Lookout General.....	Sioux Lookout.....	659			17	400.50	1,083.45				1,483.95
Wingham General.....	Wingham.....	310	48			190.80			2.40		188.40
TOTALS.....		11,859	2,127	48	1,355	7,753.80	1,161.70		35.10	15.60	8,896.00
GROUP 2											
Capacity, 26 to 50 Beds											
Stevenson Memorial.....	Alliston.....	615	414		37	421.50			10.20		411.30
Rosedale Memorial.....	Almonte.....	1,695			442	1,149.60			21.90		1,127.70
St. Joseph's.....	Blind River.....	2,292	1,156		221	1,557.10	3,417.05				4,974.15
Lady Minto Hospital.....	Chapleau.....	2,081	42		166	1,302.60	3,389.05	143.65			4,548.00
Clinton Public.....	Clinton.....	489	16		61	313.30			7.20		306.10
Groves Memorial.....	Fergus.....	1,097	1,023	48	12	783.30				20.70	804.00
Douglas Memorial.....	Fort Erie.....	714	127	60	10	468.10				48.00	516.10
La Verendrye.....	Fort Frances.....	4,992	503	120	519	3,249.20	878.50	5.40			4,122.30
Alexandra Marine & Gen.....	Goderich.....	3,190	572		358	2,078.60		30.90			2,047.70
Misericordia.....	Haileybury.....	2,729	741	60	58	1,752.90	2,566.85	17.40			4,302.35
Alexandra.....	Ingersoll.....	2,211	232	26	170	1,411.20			9.30		1,401.90
Anson General.....	Iroquois Falls.....	1,750	211		227	1,139.20	1,624.00	7.90			2,755.30
Kincardine General.....	Kincardine.....	805	770		44	573.20			22.80		550.40
Memorial.....	Listowel.....	727			68	456.60					456.60
General.....	Mattawa.....	4,269	875	40	294	2,753.10	8,115.25	43.80			10,824.55
St. Andrew's.....	Midland.....	3,605	3,179	120	258	2,606.30	101.00	16.50			2,690.80
York County.....	Newmarket.....	2,519	390		150	1,593.40			30.60		1,563.80
Queen Victoria Memorial.....	North Bay.....	1,157			6	696.00	241.00	.90			936.10
Lord Dufferin.....	Orangeville.....	1,446	84		77	899.10			66.60		832.50
Willett.....	Paris.....	1,712	506	47	117	1,131.70		119.10			1,012.60
Parry Sound General.....	Parry Sound.....	4,156	596		439	2,684.90	974.35	27.45			3,631.80
Charlotte E. Englehart.....	Petrolia.....	1,030	121		22	636.70				3.40	640.10
Scott Memorial.....	Seaforth.....	763	205			478.30			20.40		457.90
St. Francis General.....	Smith's Falls.....	1,249	2,497		65	1,018.60					1,018.60
Porcupine General.....	South Porcupine.....	447				268.20	12.25		6.60		287.05
Strathroy General.....	Strathroy.....	2,388	498	35	63	1,515.50		1.20			1,514.30
St. Jean de Brebeuf.....	Sturgeon Falls.....	7,222	63		275	4,422.00	2,369.60	5.40			6,786.20
Soldiers' Memorial.....	Tillsonburg.....	2,097	1,188	48	42	1,408.80			3.60		1,405.20
Lockwood Clinic.....	Toronto.....	235	19			142.90				6.00	148.90
Mothercraft.....	Toronto.....	3,083	122			1,862.00			7.20		1,854.80
County of Bruce Gen.....	Walkerton.....	2,656	807	72	107	1,735.20			97.80		1,637.40
TOTALS.....		65,421	16,957	676	4,308	42,511.10	23,688.90		717.20	84.70	65,567.50
GROUP 3											
Capacity, 51 to 100 Beds											
Royal Victoria.....	Barrie.....	4,465	510		117	2,765.10			44.40		2,720.70
Peel Memorial.....	Brampton.....	715	626		25	499.10			16.80		482.30
St. Vincent de Paul.....	Brockville.....	3,005	1,719		177	2,028.00			42.00		1,986.00
Cobourg General.....	Cobourg.....	2,131	5	120	467	1,467.20			70.50		1,396.70
Lady Minto.....	Cochrane.....	6,532			351	4,242.80	11,246.96	83.90			15,405.86
General and Marine.....	Collingwood.....	4,630	878		278	2,949.20			152.60		2,796.60
Cornwall General.....	Cornwall.....	7,240	1,021	60	510	4,623.10			338.70		4,284.40
Galt Hospital.....	Galt.....	3,121	310	60	94	1,955.80				36.90	1,992.70
St. Paul's.....	Hearst.....	12,068	570		834	7,548.00	18,560.27	126.10			25,982.17
Kenora General.....	Kenora.....	3,336	1,341	120	279	2,267.40	1,010.35				3,277.75
St. Joseph's.....	Kenora.....	2,338	1,549		338	1,659.10	1,779.45	24.60			3,413.95
The Ross Memorial.....	Lindsay.....	6,231	244		905	4,034.50			50.10		3,984.40
Orillia Soldiers' Memorial.....	Orillia.....	9,040	1,545		975	5,871.00			72.00		5,799.00
Protestant Children's.....	Ottawa.....	8,512	549			5,162.10			1.80		5,160.30
Salvation Army Grace.....	Ottawa.....	5,127			4,159	4,323.90		116.10			4,207.80
St. Joseph's General.....	Parry Sound.....	4,431	459		843	2,957.40	2,064.40	162.20			4,859.60
Pembroke Cottage.....	Pembroke.....	3,015	560		293	1,952.90	24.50		4.80		1,972.60
Great War Memorial.....	Perth.....	2,605	467	120	83	1,682.60			110.40		1,572.20
Prince Edward County.....	Picton.....	3,015	174		287	1,912.50			86.40		1,826.10

PUBLIC HOSPITALS (Cont'd)

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 60c.	Days at 10c.	Days at 40c.	Infants born, days at 30c.	Amount	Grant for indigents from unorganized territory	Adjustments		Total Government grant
								Debit	Credit	
						\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Group 3 (Cont'd)										
The Port Hope Hospital..	Port Hope.....	1,945	75		371	1,285.80				1,285.80
Victoria.....	Renfrew.....	3,552	1,917	144	40	2,392.50	122.50	21.90		2,493.10
Plummer Memorial.....	Sault Ste. Marie	2,037	516		32	1,283.40	1,757.95	3.00		3,038.35
Norfolk General.....	Simcoe.....	5,732	87		462	3,586.50		11.70		3,574.80
Smith's Falls Public.....	Smith's Falls...	4,199	3,185		440	2,969.90			2.10	2,972.00
Salvation Army Grace.....	Toronto.....	1,427			928	1,134.60		11.70		1,122.90
Woodstock General.....	Woodstock.....	4,157	732	24	273	2,658.90		148.70		2,510.20
TOTALS.....		114,606	21,222	648	13,561	75,213.30	36,566.38	1,700.40	39.00	110,118.28
GROUP 4										
Capacity, 101 to 200 Beds										
Brockville General.....	Brockville.....	6,781	2,602		398	4,448.20		28.20		4,420.00
Public General.....	Chatham.....	5,119	431		631	3,303.80		40.20		3,263.60
St. Joseph's.....	Chatham.....	4,947	517		214	3,084.10		179.40		2,904.70
Hotel Dieu.....	Cornwall.....	21,600	1,075	25	2,000	13,677.50		63.90		13,613.60
McKellar General.....	Fort William...	22,399	8,001		1,889	14,806.20	6,945.05	279.35		*22,162.62
Guelph General.....	Guelph.....	5,818	1,576	120	108	3,728.80		167.40		3,561.40
St. Joseph's.....	Guelph.....	6,461	621		327	4,036.80		36.00		4,000.80
Hotel Dieu.....	Kingston.....	15,646	538		1,403	9,862.30		131.50		9,730.80
Kitchener-Waterloo.....	Kitchener.....	3,952	350	120	75	2,476.70			80.40	*9,730.85
St. Mary's.....	Kitchener.....	5,768	1,648	60	151	3,694.90			85.50	3,780.40
Niagara Falls General.....	Niagara Falls...	3,776	1,011	116	65	2,432.60			91.80	2,524.40
St. Joseph's General.....	North Bay.....	9,502	431		698	5,953.70	2,520.95	54.00		8,420.65
Oshawa General.....	Oshawa.....	3,039	201	60	25	1,875.00			5.40	1,869.60
General and Marine.....	Owen Sound...	4,372	1,057		140	2,770.90		70.20		2,700.70
General.....	Pembroke.....	7,344	2,161		776	4,855.30	29.75		28.20	4,913.25
Nicholl's.....	Peterborough...	5,075	2,004	60	53	3,285.30			10.50	3,295.80
St. Joseph's.....	Peterborough...	5,738	1,011	120	1,452	4,027.50				4,027.50
General.....	Port Arthur....	13,140	980	56	1,482	8,449.00	1,979.45	1,027.10		9,401.35
St. Catharines General.....	St. Catharines...	7,543	670		177	4,645.90			81.60	*8,742.50
Memorial.....	St. Thomas....	4,373	973	211	110	2,838.50		7.20		2,831.30
Sarnia General.....	Sarnia.....	5,969	713	33	412	3,789.50		305.90		3,483.60
General.....	Sault Ste. Marie	4,405	592		225	2,769.70	2,894.25			5,663.95
Stratford General.....	Stratford.....	5,724	708		401	3,625.50		27.60		3,597.90
St. Mary's.....	Timmins.....	4,743	816		235	2,997.90	3,259.70	11.40		6,246.20
Mount Sinai.....	Toronto.....	8,203	355		264	5,036.50	116.25	106.20		5,046.55
Toronto East General.....	Toronto.....	17,247	257		483	10,518.80		153.00		*10,937.55
Wellesley.....	Toronto.....	1,086	125			664.10			2.40	666.50
Women's College.....	Toronto.....	9,510	150		1,827	6,269.10		57.30		*7,611.80
Welland County General.....	Welland.....	2,804	337		58	1,733.50		3.00		1,730.50
Metropolitan General.....	Windsor.....	5,729	254	48	91	3,509.30		129.90		*9,373.38
Salvation Army Grace.....	Windsor.....	5,024	399		339	3,174.00			7.50	3,181.50
TOTALS.....		232,867	32,564	1,029	16,509	148,340.90	17,745.40	2,884.15	387.90	176,683.25
GROUP 5										
Capacity, 201 Beds and Over										
Belleville General.....	Belleville.....	14,588	2,044	67	538	9,145.40		435.30		*12,420.10
Brantford General.....	Brantford.....	18,269	608	47	2,291	11,728.30		402.60		*11,825.70
Hamilton General.....	Hamilton.....	84,056	12,703	701	4,084	53,209.50		684.60		*63,286.90
St. Joseph's.....	Hamilton.....	7,765	680		124	4,764.20		12.60		4,751.60
Kingston General.....	Kingston.....	28,481	2,816	359	1,789	18,050.50		1,249.50		*25,980.50
St. Joseph's.....	London.....	17,053	42	740		10,532.00		31.20		10,500.80
Victoria.....	London.....	65,895	7,964	1,159	4,159	40,757.50		389.50		*50,833.50
Ottawa Civic.....	Ottawa.....	75,705	2,115	331	4,337	47,068.00	395.50	460.50		*55,003.00
Ottawa General.....	Ottawa.....	45,840	802	266	1,538	28,152.00	280.50	123.00		*32,809.50
St. Joseph's General.....	Port Arthur....	16,895	4,149	129	1,292	10,991.10	6,760.70	1,382.67		16,369.13
St. Joseph's.....	Sudbury.....	12,230	1,039	142	296	7,587.50	5,464.95	55.75		*13,365.20
Hosp. for Sick Children.....	Toronto.....	92,493	10,885	33		56,597.50	6,228.00	693.00		*68,504.90
St. Joseph's.....	Toronto.....	33,342	1,257	57	1,126	20,491.50	10.50	360.30		20,141.70
St. Michael's.....	Toronto.....	89,423	2,733	66	4,306	55,245.30	891.50	923.10		*60,106.95
Toronto General.....	Toronto.....	161,506	4,234	606	6,963	99,658.30	4,848.82	886.50		*130,928.37
Toronto Western.....	Toronto.....	55,406	1,524	145	2,520	34,210.00	423.85	629.70		*38,337.90
Hotel Dieu.....	Windsor.....	5,218	156		15	3,150.90		30.00		3,120.90
TOTALS.....		824,165	55,751	3,880	32,378	511,339.50	25,304.32	8,749.82		618,286.65
GRAND TOTALS:										
Public General Hos	pitals.....	1,248,918	128,621	6,281	68,111	785,158.60	104,466.70	14,086.67	527.20	979,551.68
Red Cross Outposts		20,037	2,818		3,589	13,380.70	9,014.31	594.48		21,800.53
GRAND TOTALS incl.	Red Cross....	1,268,955	131,439	6,281	71,700	798,539.30	113,481.01	14,681.15	527.20	1,001,352.21

*Includes grants from Province for special clinics and radiotherapy

PUBLIC HOSPITALS (Cont'd)

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 \$2.35	* Days at \$2.00	Less		Amount	No. of infants	Days at \$1.00	Less		TOTAL FOR INDIGENTS
					Days at 60c.	Days at 10c.				Days at 30c.	Amount	
GROUP 1												
Capacity, 1 to 25 Beds							c.					\$ c. \$ c.
Bowmanville Hosp.	Bowmanville											
Haldimand War M.	Dunnville											
Red Cross Mem.	Durham											
Hanover Memorial	Hanover											
Notre Dame	Hawkesbury											
Rosedale War Mem.	Matheson	2	43		38		78.25					78.25
Louise Marshall	Mount Forest											
Niagara Cottage	Niagara-on-Lake											
Palmerston General	Palmerston											
General	Penetanguishene											
Sioux Lookout Gen.	Sioux Lookout	40	601		568		1,071.55	2	17	17	11.90	1,083.45
Wingham General	Wingham											
TOTALS		42	644		606		1,149.80	2	17	17	11.90	1,161.70
GROUP 2												
Capacity, 26 to 50 Beds												
Stevenson Memorial	Alliston											
Rosamond Memorial	Almonte											
St. Joseph's	Blind River	54	822	1,124	1,318	611	3,327.80	12	121	106	89.20	3,417.05
Lady Minto	Chapleau	77	1,871		1,829	42	3,295.25	14	134	134	93.80	3,389.05
Clinton Public	Clinton											
Groves Memorial	Fergus											
Douglas Memorial	Fort Erie											
La Verendrye	Fort Frances	32	502		502		878.50					878.50
Alexandra Mar. & G.	Goderich											
Misericordia	Haileybury	57	872	573	1,057	358	2,525.20	6	59	58	41.60	2,566.85
Alexandra	Ingersoll											
Anson General	Iroquois Falls	56	866		864	2	1516.50	17	154	155	107.50	1,624.00
Kincardine General	Kincardine											
Memorial	Listowel											
General	Mattawa	28	1,666	2,198	317	203	8,100.60	2	21	21	14.70	8,115.25
St. Andrew's	Midland	5	54		53		95.10	1	8	7	5.90	101.00
York County	Newmarket											
Queen Victoria Mem.	North Bay	13	136		131		241.00					241.00
Lord Dufferin	Orangeville											
Willett	Paris											
Parry Sound Gen.	Parry Sound	26	533		528		935.75	4	53	48	38.60	974.35
Charlotte E. Engleh't	Petrolia											
Scott Memorial	Seaforth											
St. Francis General	Smith's Falls											
Porcupine General	South Porcupine	1	7		7		12.25					12.25
Strathroy General	Strathroy											
St. Jean de Brebeuf	Sturgeon Falls	59	1,234		973		2,316.10	7	76	75	53.50	2,369.60
Soldiers' Memorial	Tillsonburg											
Lockwood Clinic	Toronto											
Mothercraft	Toronto											
County of Bruce Gen.	Walkerton											
TOTALS		407	8,563	3,895	7,579	1,216	23,244.05	63	626	604	444.80	23,688.85
GROUP 3												
Capacity, 51 to 100 Beds												
Royal Victoria	Barrie											
Peel Memorial	Brampton											
St. Vincent de Paul	Brockville											
Cobourg General	Cobourg											
Lady Minto	Cochrane	159	5,986		4,864	1,065	11,042.20	29	292	291	204.70	11,246.96
General and Marine	Collingwood											
Cornwall General	Cornwall											
Galt Hospital	Galt											
St. Paul's	Heartst	649	10,134		9,627	397	17,999.00	80	780	729	561.30	18,560.27
Kenora General	Kenora	15	556		484	58	1,010.40					1,010.35
St. Joseph's	Kenora	8	794		156	41	1,768.20	2	14	9	11.30	1,779.45
The Ross Memorial	Lindsay											
Orillia Soldiers' Mem.	Orillia											
Protestant Children's	Ottawa											
Salvation A. Grace	Ottawa											
St. Joseph's Gen.	Parry Sound	32	1,019		642		2,009.45	7	76	70	55.00	2,064.40
Pembroke Cottage	Pembroke	1	14		14		24.50					24.50
Great War Memorial	Perth											
Prince Edward Co.	Pictou											

*Incurable patients.

PUBLIC HOSPITALS (Cont'd)

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 Hospita	Location	No. of patients	Days at \$2.35	* Days at \$2.00	Less		Amount	No. of infants	Days at \$1.00	Less	Amount	TOTAL FOR INDIGENTS		
					Days at 60c.	Days at 10c.				Days at 30c.				
Group 3 (Cont'd)												\$ c.	\$ c.	\$ c.
The Port Hope Hosp.	Port Hope													
Victoria	Renfrew	5	70		70		122.50					122.50		
Plummer Memorial	Sault Ste. Marie	19	919		633	282	1,751.65	1	9	9	6.30	1,757.95		
Norfolk General	Simcoe													
Smith's Falls Public	Smith's Falls													
Salvation A. Grace	Toronto													
Woodstock General	Woodstock													
TOTALS		888	19,492		16,490	1,843	35,727.90	119	1,171	1,108	838.60	36,566.38		
GROUP 4														
Capacity, 101 to 200 Beds														
Brockville General	Brockville													
Public General	Chatham													
St. Joseph's	Chatham													
Hotel Dieu	Cornwall													
McKellar General	Port William	102	3,387		1,804	351	6,841.95	15	143	133	103.10	6,945.05		
Guelph General	Guelph													
St. Joseph's	Guelph													
Hotel Dieu	Kingston													
Kitchener-Waterloo	Kitchener													
St. Mary's	Kitchener													
Niagara Falls Gen.	Niagara Falls													
St. Joseph's Gen.	North Bay	59	1,412		1,357	33	2,500.70	3	29	29	20.30	2,520.95		
Oshawa General	Oshawa													
General and Marine	Owen Sound													
General	Pembroke	1	17		17		29.75					29.75		
Nicholl's	Peterborough													
St. Joseph's	Peterborough													
General	Port Arthur	37	1,071		919	147	1,950.75	4	41	41	28.70	1,979.45		
St. Catharines Gen.	St. Catharines													
Memorial	St. Thomas													
Sarnia General	Sarnia													
General	Sault Ste. Marie	31	1,506		989	515	2,894.20					2,894.25		
Stratford General	Stratford													
St. Mary's	Timmins	67	1,798		1,712	91	3,189.00	10	101	101	70.70	3,259.70		
Mount Sinai	Toronto	2	63		53		116.25					116.25		
Toronto East Gen.	Toronto													
Wellesley	Toronto													
Women's College	Toronto													
Welland County Gen.	Welland													
Metropolitan Gen.	Windsor													
Salvation A. Grace	Windsor													
TOTALS		299	9,254		6,851	1,137	17,522.60	32	314	304	222.80	17,745.40		
GROUP 5														
Capacity, 201 Beds and Over														
Belleville General	Belleville													
Brantford General	Brantford													
Hamilton General	Hamilton													
St. Joseph's Hosp.	Hamilton													
Kingston General	Kingston													
St. Joseph's	London													
Victoria	London													
Ottawa Civic	Ottawa	3	216		181	35	395.50					395.50		
Ottawa General	Ottawa	3	155		136	21	280.55					280.50		
St. Joseph's Gen.	Port Arthur	125	3,503		2,495	978	6,637.25	17	170	155	123.50	6,760.70		
St. Joseph's	Sudbury	140	2,982		2,606	296	5,414.50	7	72	72	50.40	5,464.95		
Hosp. for Sick Child	Toronto	25	3,130		1,702	1,063	6,228.00					6,228.00		
St. Joseph's	Toronto	1	6		6		10.50					10.50		
St. Michael's	Toronto	12	458		314	139	874.00	2	25	25	17.50	891.50		
Toronto General	Toronto	89	2,762		2,736	3	4,848.80					4,848.82		
Toronto Western	Toronto	5	235		214		423.85					423.85		
Hotel Dieu	Windsor													
TOTALS		403	13,447		10,390	2,535	25,112.95	26	267	252	191.40	25,304.32		
GRAND TOTALS:														
Public General Hospitals		2,039	51,400	3,895	41,916	6,731	102,757.30	242	2,395	2,285	1,709.50	104,466.65		
Red Cross Outposts		223	4,754		3,833	737	8,798.40	27	291	250	216.00	9,014.40		
GRAND TOTALS incl. Red Cross		2,262	56,154	3,895	45,749	7,468	111,555.70	269	2,686	2,535	1,925.50	113,481.05		

NOTE.—Small differences are due to odd amounts paid on account by patients.

*Incurable patients.

SUMMARIZED STATEMENT OF PROVINCIAL GRANT

For the Year Ended December 31, 1942

	Public Hospitals	Red Cross Outposts	Hospitals for Incurables	Conva- lescent Hospitals	TOTALS
STATUTORY PER DIEM GRANTS					
Days at 60c.....	1,248,918	20,037	.....	.....	1,268,955
Days at 10c.....	128,621	2,818	.....	9,524	140,963
Days at 30c. (Infant).....	68,111	3,589	.....	.....	71,700
Days at 40c.....	6,281	.....	442,445	47,664	496,390
AMOUNT.....	\$785,158.60	\$13,380.70	\$176,978.00	\$20,018.00	\$995,535.30
INDIGENTS FROM UNORGANIZED TERRITORY					
Number of patients.....	2,039	223	27	9	2,298
Days at \$2.00.....	3,895	.....	7,061	.....	10,956
Days at \$2.35.....	51,400	4,754	.....	.....	56,154
Days at \$1.65.....	.....	.....	.....	1,188	1,188
Number of Infants Born.....	242	27	.....	.....	269
Days at \$1.00.....	2,395	291	.....	.....	2,686
TOTAL INDIGENT GRANT.....	\$104,466.65	\$9,014.40	\$10,918.80	\$1,653.90	\$126,053.75
TOTAL GRANT EARNED FOR YEAR.....	\$889,625.25	\$22,395.10	\$187,896.80	\$21,671.90	\$1,121,589.05
Deductions for Audit Adjustments, etc.....	13,559.47	594.48	4.00	10.80	14,168.75
Total Net Grant.....	\$876,065.78	\$21,800.62	\$187,892.80	\$21,661.10	\$1,107,420.30

RED CROSS OUTPOST HOSPITALS

TABLE No. I.—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, Jan. 1, 1942	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Still-births during year	Patient in residence, Dec. 31, 1942
		Adults and children	Nursery								
Red Cross Outpost	Apsley	6	2	1	49	11	61	59	1		1
Red Cross Outpost	Atikokan	3	1		12	4	16	14	1		1
Red Cross Outpost	Bancroft	9	3	1	306	83	390	375	4	6	11
Red Cross Outpost	Bracebridge	31	4	16	714	121	851	788	39	5	24
Red Cross Outpost	Coe Hill	6	1		22	8	30	29		1	1
Red Cross Outpost	Dryden	32	6	18	636	121	775	721	29	2	25
Red Cross Outpost	Emo	9	3	7	264	49	320	309	6	4	5
Red Cross Outpost	Englehart	12	3	9	240	53	302	286	10	1	6
Red Cross Outpost	Espanola	15	3	14	309	43	366	339	24	1	3
Red Cross Outpost	Haliburton	11	5	1	242	82	325	323	2	2	
Red Cross Outpost	Hawk Junction	9	2	3	87	13	103	102	1		
Red Cross Outpost	Hornepayne	8	2	6	77	18	101	86	6	1	9
Red Cross Outpost	Jellicoe	7	1	5	94	12	111	106	3		2
Red Cross Outpost	Kakabeka Falls	4	2		19	11	30	30			
Kirkland District Hosp.	Kirkland Lake	93	10	85	3,066	540	3,691	3,558	72	15	61
Red Cross Outpost	Lion's Head	6	2		56	19	75	73		2	2
Red Cross Outpost	Mindemoya	16	4	10	258	49	317	302	9	2	6
Red Cross Outpost	Nakina	8	2	1	68	6	75	75		1	
Lady Minto Hospital	New Liskeard	24	5	10	372	86	468	439	17	5	12
Red Cross Outpost	Port Loring	6	3	1	56	29	86	84			2
Red Cross Outpost	Quibell	3	1		3	2	5	5			
Red Cross Outpost	Rainy River	10	4	8	195	49	252	228	17	4	7
Red Cross Outpost	Redditt	4	1		18	3	21	21			
Red Cross Outpost	Richard's Landing	9	3	3	219	27	249	242	4		3
Red Cross Outpost	Thessalon	11	3	6	248	47	301	280	14	2	7
Red Cross Outpost	Whitney	4	1		49	8	57	55	1		1
Red Cross Outpost	Wilberforce	3			14	1	15	14	1		
Red Cross Car		5		1	47	9	57	57			
TOTALS		364	77	206	7,740	1,504	9,450	9,000	261	54	189

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days, adults and children, for year	Total days, infants born, for year	Total patient days, all patients, for year	Average number of patients in hospital daily	Number of graduate nurses	Number of other employees, includ. nurses-in-training	Percentage of beds occupied during year
Red Cross Outpost	Apsley	61	318	95	413	1	1	1	14.1
Red Cross Outpost	Atikokan	16	61	29	90		1	1	6.2
Red Cross Outpost	Bancroft	390	1,858	810	2,668	7	3	2	60.9
Red Cross Outpost	Bracebridge	851	6,444	1,152	7,596	21	8	9	59.5
Red Cross Outpost	Coe Hill	30	142	74	216		1	1	8.5
Red Cross Outpost	Dryden	775	5,962	1,192	7,154	20	6	5	51.6
Red Cross Outpost	Emo	320	2,078	515	2,593	7	4	3	59.2
Red Cross Outpost	Englehart	302	2,095	520	2,615	7	3	3	47.8
Red Cross Outpost	Espanola	366	3,052	425	3,477	10	4	4	52.9
Red Cross Outpost	Haliburton	325	1,469	757	2,226	6	3	2	38.1
Red Cross Outpost	Hawk Junction	103	1,316	162	1,478	4	1	2	36.8
Red Cross Outpost	Hornepayne	101	840	171	1,011	3	2	1	27.7
Red Cross Outpost	Jellicoe	111	1,170	112	1,282	3	1	1	43.9
Red Cross Outpost	Kakabeka Falls	30	133	96	229		1	1	10.5
Kirkland District Hospital	Kirkland Lake	3,691	25,964	5,657	31,621	87	28	47	84.1
Red Cross Outpost	Lion's Head	75	308	171	479	1	1	1	16.4
Red Cross Outpost	Mindemoya	317	2,446	470	2,916	8	3	3	39.9
Red Cross Outpost	Nakina	75	346	52	398	1	2	2	10.9
Lady Minto Hospital	New Liskeard	468	3,379	739	4,118	11	5	4	38.4
Red Cross Outpost	Port Loring	86	415	250	665	2	1	1	20.2
Red Cross Outpost	Quibell	5	22	17	39		1	1	2.7
Red Cross Outpost	Rainy River	252	1,920	459	2,379	6	3	3	46.6
Red Cross Outpost	Redditt	21	89	23	112		1	1	6.1
Red Cross Outpost	Richard's Landing	249	1,654	246	1,900	5	2	3	43.4
Red Cross Outpost	Thessalon	301	2,376	424	2,800	8	3	3	54.8
Red Cross Outpost	Whitney	57	154	71	225		1	1	12.3
Red Cross Outpost	Wilberforce	15	27	12	39		1	2	3.6
Red Cross Car		57	328	74	402	1	1	1	22.0
TOTALS		9,450	66,366	14,775	81,141	222	92	108	50.4

RED CROSS OUTPOST HOSPITALS (Cont'd)

TABLE No. III.—Showing the cost of operating the hospitals; also the average daily cost of each patient.

Name of Hospital	Location	Total patient days, all patients, for year	Percentage of service devoted to hospital	Cost of dietary supplies		Other operating costs	Total operating cost		Average daily per capita cost*	
				\$	c.		\$	c.		
Red Cross Outpost.....	Bancroft.....	2,668	100	1,125.70	6,156.79		\$	c.	\$	c.
Red Cross Outpost.....	Bracebridge.....	7,596	100	4,929.67	19,987.39				7,282.49	2.73
Red Cross Outpost.....	Dryden.....	7,154	100	4,118.48	17,161.22				21,279.70	3.28
Red Cross Outpost.....	Emo.....	2,593	100	1,453.15	8,195.07				9,648.22	3.72
Red Cross Outpost.....	Englehart.....	2,615	100	1,665.15	7,388.48				9,053.63	3.46
Red Cross Outpost.....	Espanola.....	3,477	100	2,476.81	12,436.38				14,913.19	4.26
Red Cross Outpost.....	Haliburton.....	2,226	100	1,177.68	6,167.84				7,345.52	3.29
Red Cross Outpost.....	Hawk Junction.....	1,478	100	1,207.60	5,233.37				6,442.97	4.36
Red Cross Outpost.....	Jellicoe.....	1,282	100	1,236.27	5,817.64				7,053.91	5.50
Kirkland District Hospital.....	Kirkland Lake.....	31,621	100	23,383.79	101,109.51				124,493.30	3.94
Red Cross Outpost.....	Mindemoya.....	2,916	100	1,446.43	9,658.24				11,104.67	3.80
Lady Minto Hospital.....	New Liskeard.....	4,118	100	3,166.03	10,493.95				13,659.98	3.31
Red Cross Outpost.....	Rainy River.....	2,379	100	1,391.90	6,327.42				7,719.32	3.24
Red Cross Outpost.....	Richard's Landing.....	1,899	100	1,215.92	5,737.27				6,953.19	3.66
Red Cross Outpost.....	Thessalon.....	2,860	100	1,370.88	7,730.42				9,101.30	3.25
TOTALS.....		76,823	100	51,365.46	229,602.99				280,968.45	3.66
The following Outposts maintain Public Health and Visiting Services throughout the District. The total costs shown include these services.										
Red Cross Outpost.....	Apsley.....	413	65	457.55	2,457.29				2,914.84	4.59
Red Cross Outpost.....	Atikokan.....	90	20	401.16	2,430.63				2,831.79	6.29
Red Cross Outpost.....	Coe Hill.....	216	40	350.76	2,765.59				3,116.35	5.77
Red Cross Outpost.....	Hornepayne.....	1,011	71	1,017.78	3,761.09				4,778.87	3.36
Red Cross Outpost.....	Kakabeka Falls.....	229	22	464.17	3,065.28				3,529.45	3.39
Red Cross Outpost.....	Lion's Head.....	479	54	535.30	3,201.41				3,736.71	4.22
Red Cross Outpost.....	Nakina.....	398	43	574.26	3,679.14				4,253.40	4.59
Red Cross Outpost.....	Port Loring.....	665	80	717.03	2,974.93				3,691.96	4.44
Red Cross Outpost.....	Quibell.....	39	14	293.08	2,122.93				2,416.01	8.67
Red Cross Outpost.....	Redditt.....	112	15	523.18	2,730.55				3,253.73	4.36
Red Cross Outpost.....	Whitney.....	225	34	649.63	2,920.01				3,569.64	5.39
Red Cross Outpost.....	Wilberforce.....	39	17	391.17	2,233.70				2,624.87	11.44
Red Cross Car.....		402	82	603.95	2,540.48				3,144.43	6.41
TOTALS.....		4,318	44	6,979.02	36,883.03				43,862.05	4.47
Grand Totals.....		81,141	89	58,344.48	266,486.02				324,830.50	3.56

*Hospital service only.

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment		Income from miscellaneous sources	Income from donations, bequests and other gratuitous sources		Total income from all sources other than Government grants
			\$	c.		\$	c.	
Red Cross Outpost.....	Apsley.....	1,005.70			17.50		231.53	1,254.73
Red Cross Outpost.....	Atikokan.....	365.10			649.67			1,014.77
Red Cross Outpost.....	Bancroft.....	4,698.62		386.75			683.36	5,768.73
Red Cross Outpost.....	Bracebridge.....	22,579.30		1,782.43			1,304.77	25,666.50
Red Cross Outpost.....	Coe Hill.....	1,069.92		22.25				1,092.17
Red Cross Outpost.....	Dryden.....	11,347.90		3,791.85			2,053.84	17,193.59
Red Cross Outpost.....	Emo.....	6,474.30		277.70				6,752.00
Red Cross Outpost.....	Englehart.....	5,244.18		234.05				5,478.23
Red Cross Outpost.....	Espanola.....	11,527.56		134.75				11,662.31
Red Cross Outpost.....	Haliburton.....	3,989.64		73.65	1,278.04			5,341.33
Red Cross Outpost.....	Hawk Junction.....	4,082.76			537.18			4,619.94
Red Cross Outpost.....	Hornepayne.....	1,990.55		53.25			582.05	2,625.85
Red Cross Outpost.....	Jellicoe.....	3,134.56					275.73	3,410.29
Red Cross Outpost.....	Kakabeka Falls.....	553.00					378.42	931.42
Kirkland District Hospital.....	Kirkland Lake.....	111,849.29		6,472.60			4,971.71	123,293.60
Red Cross Outpost.....	Lion's Head.....	1,135.00					538.09	1,673.09
Red Cross Outpost.....	Mindemoya.....	5,896.91		159.25			999.85	7,056.01
Red Cross Outpost.....	Nakina.....	1,081.35					514.24	1,595.59
Lady Minto Hospital.....	New Liskeard.....	11,354.56		1,200.00			1,086.15	13,640.21
Red Cross Outpost.....	Port Loring.....	1,248.80					268.86	1,517.66
Red Cross Outpost.....	Quibell.....	162.31					277.35	439.66
Red Cross Outpost.....	Rainy River.....	3,767.05		386.80			779.11	4,932.99
Red Cross Outpost.....	Redditt.....	333.75					226.48	560.23
Red Cross Outpost.....	Richard's Landing.....	4,856.00					867.83	5,723.83
Red Cross Outpost.....	Thessalon.....	6,308.35		14.00			329.22	6,651.57
Red Cross Outpost.....	Whitney.....	782.28					531.01	1,313.29
Red Cross Outpost.....	Wilberforce.....	236.21					370.76	606.97
Red Cross Car.....		990.75					102.88	1,093.63
TOTALS.....		228,065.20		14,989.33	2,482.39		17,373.27	262,910.19

RED CROSS OUTPOST HOSPITALS (Cont'd)

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.	Grant for indigents from unorganized territory		Adjustments Debit	Total Government grant
					Amount			
					\$ c.	\$ c.	\$ c.	\$ c.
Red Cross Outpost	Apsley	123		44	\$ 87.00			\$ 87.00
Red Cross Outpost	Atikokan	4		4	3.60			3.60
Red Cross Outpost	Bancroft	863		429	646.50		11.40	635.10
Red Cross Outpost	Bracebridge	2,167	27	239	1,374.60	178.00		1,552.60
Red Cross Outpost	Coe Hill	63		34	48.00			48.00
Red Cross Outpost	Dryden	2,439	946	604	1,739.20	2,547.96	85.75	4,201.41
Red Cross Outpost	Emo	586		78	375.00	10.50		385.50
Red Cross Outpost	Englehart	571	165	47	373.20	627.35	28.10	972.45
Red Cross Outpost	Espanola	948	277	121	632.80	1,142.50	13.60	1,761.70
Red Cross Outpost	Haliburton	633		341	482.10			482.10
Red Cross Outpost	Hawk Junction	220	147	37	157.80			157.80
Red Cross Outpost	Hornepayne	192	102	17	130.50	439.50		570.00
Red Cross Outpost	Jellicoe	409		9	248.10	435.80	1.80	682.10
Red Cross Outpost	Kakabeka Falls	47		36	39.00			39.00
Kirkland District Hospital	Kirkland Lake	5,593	1,043	485	3,605.60	2,785.10	360.00	6,030.70
Red Cross Outpost	Lion's Head	128		76	99.60			99.60
Red Cross Outpost	Mindemoya	1,044		208	688.80	120.75	51.20	758.35
Red Cross Outpost	Nakina							
Lady Minto Hospital	New Liskeard	1,076	21	210	710.70	359.40	18.18	1,051.92
Red Cross Outpost	Port Loring	128		74	99.00	32.55	1.80	129.75
Red Cross Outpost	Quibell	3		3	2.70			2.70
Red Cross Outpost	Rainy River	1,041		212	688.20	237.50	10.50	915.20
Red Cross Outpost	Redditt	23		6	15.60	13.40		29.00
Red Cross Outpost	Richard's Landing	544		72	348.00			348.00
Red Cross Outpost	Thessalon	1,107	90	151	718.50	68.25		786.75
Red Cross Outpost	Whitney	50		35	40.50	15.75	12.15	44.10
Red Cross Outpost	Wilberforce	7		7	6.30			6.30
Red Cross Car		28		10	19.80			19.80
TOTALS		20,037	2,818	3,589	13,380.70	9,014.31	594.48	21,800.53

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 December 31, 1942; (2) 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	LESS			TOTAL FOR INDIGENTS
			Days at \$2.35	Days at 60c.	Days at 10c.			Days at \$1.00	Days at 30c.	Amount	
						\$ c.				\$ c.	\$ c.
Red Cross Outpost	Apsley										
Red Cross Outpost	Atikokan										
Red Cross Outpost	Bancroft										
Red Cross Outpost	Bracebridge	2	94	67	27	178.00					178.00
Red Cross Outpost	Coe Hill										
Red Cross Outpost	Dryden	65	1,312	1,000	277	2,455.50	13	132	132	92.40	2,547.96
Red Cross Outpost	Emo	1	6	6		10.50					10.50
Red Cross Outpost	Englehart	21	333	308		597.75	4	38	28	29.60	627.35
Red Cross Outpost	Espanola	12	572	290	277	1,142.50					1,142.50
Red Cross Outpost	Haliburton										
Red Cross Outpost	Hawk Junction										
Red Cross Outpost	Hornepayne	1	222	120	102	439.50					439.50
Red Cross Outpost	Jellicoe	10	242	221	3	435.80					435.80
Red Cross Outpost	Kakabeka Falls										
Kirkland District Hosp.	Kirkland Lake	80	1,521	1,403	51	2,727.45	6	75	58	57.60	2,785.10
Red Cross Outpost	Lion's Head										
Red Cross Outpost	Mindemoya	3	69	69		120.75					120.75
Red Cross Outpost	Nakina										
Lady Minto Hospital	New Liskeard	9	196	185		349.60	1	14	14	9.80	359.40
Red Cross Outpost	Port Loring	3	15	15		26.25	1	9	9	6.30	32.55
Red Cross Outpost	Quibell										
Red Cross Outpost	Rainy River	10	116	92		217.40	2	23	9	20.30	237.50
Red Cross Outpost	Redditt	1	8	9		13.40					13.40
Red Cross Outpost	Richard's Landing										
Red Cross Outpost	Thessalon	3	39	39		68.25					68.25
Red Cross Outpost	Whitney	2	9	9		15.75					15.75
Red Cross Outpost	Wilberforce										
Red Cross Car											
TOTALS		223	4,754	3,833	737	8,798.40	27	291	250	216.00	9,014.31

CONVALESCENT HOSPITALS

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed capacity	Patients in residence, Jan. 1, 1942	Patients admitted during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1942
Children's Convalescent Hospital*	Burlington	33		59	59	59		
Blue Mountain Camp for Crippled Children*	Collingwood	45		169	169	169		
St. John's Convalescent Hospital	Newtonbrook	64	56	500	556	504	1	51
Civitan Convalescent Camp*	Toronto	30		33	33	33		
Hillcrest Convalescent Hospital	Toronto	44	30	318	348	319	1	28
Daughters of the Empire Hospital for Convalescent Children	Toronto	120	67	252	319	236		83
TOTALS		336	153	1,331	1,484	1,320	2	162

TABLE No. II.—Showing the collective stay in days of the patients admitted to the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days for year	Average number of patients in hospital daily	Number of graduate staff	Number of other employees
Children's Convalescent Hospital	Burlington	59	1,574	29	4	2
Blue Mountain Camp for Crippled Children	Collingwood	169	3,684	42	3	12
St. John's Convalescent Hospital	Newtonbrook	556	21,361	59	6	27
Civitan Convalescent Camp	Toronto	33	721	16	1	3
Hillcrest Convalescent Hospital	Toronto	348	11,463	31	7	8
Daughters of the Empire Hospital for Convalescent Children	Toronto	319	25,557	70	7	45
TOTALS		1,484	64,360	176	28	97

TABLE No. III.—Showing the cost of operating the hospitals; also the average daily cost of each patient.

Name of Hospital	Location	Total patient days, all patients, for year	Cost of dietary supplies	Other operating costs	Total operating cost, excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Children's Convalescent Hospital	Burlington	1,574	569.87	1,143.09	1,712.96	1.09	
Blue Mountain Camp for Crippled Children	Collingwood	3,684	1,389.10	4,151.09	5,540.19	1.50	
St. John's Convalescent Hospital	Newtonbrook	21,361	14,216.61	42,115.50	56,332.11	2.64	
Civitan Convalescent Camp	Toronto	721	470.40	114.27	584.67	.81	
Hillcrest Convalescent Hospital	Toronto	11,463	14,950.98	6,544.65	21,495.63	1.88	
Daughters of the Empire Hospital for Convalescent Children	Toronto	25,557	13,194.19	53,994.48	67,188.67	2.63	
TOTALS		64,360	44,791.15	108,063.08	152,851.23	2.37	

*These camps operate in summer months only.

CONVALESCENT HOSPITALS (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Total income from all sources other than Government grant
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Children's Convalescent Hospital.....	Burlington.....			165.98	1,147.05	1,313.03
Blue Mountain Camp for Crippled Children.....	Collingwood.....		105.00	11.85	6,342.50	6,459.35
St. John's Convalescent Hospital.....	Newtonbrook.....	33,133.92	13,445.00	1,435.58	6,316.76	54,331.26
Civitan Convalescent Camp.....	Toronto.....		296.10			296.10
Hillcrest Convalescent Hospital.....	Toronto.....	10,591.53	8,339.00	848.13	150.00	19,928.66
Daughters of the Empire Hospital for Convalescent Children.....	Toronto.....	4,083.60	26,448.75	20,142.12	4,400.72	55,075.19
TOTALS.....		47,809.05	48,633.85	22,603.66	18,357.03	137,403.59

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 40c.	Days at 10c.	Amount	Grant for indigents from unorganized territory	Adjustments Debit	Total Government grant
				\$ c.	\$ c.	\$ c.	\$ c.
Children's Convalescent Hospital....	Burlington.....	1,574		629.60			629.60
Blue Mountain Camp for Crippled Children.....	Collingwood.....	3,684		1,473.60			1,473.60
St. John's Convalescent Hospital.....	Newtonbrook.....	12,849	103	5,149.90	150.00	5.20	5,294.70
Civitan Convalescent Camp.....	Toronto.....	720		288.00			288.00
Hillcrest Convalescent Hospital.....	Toronto.....	7,559	57	3,029.30		1.20	3,028.10
Daughters of the Empire Hospital for Convalescent Children.....	Toronto.....	21,278	9,364	9,447.60	1,503.90	4.40	10,947.10
TOTALS.....		47,664	9,524	20,018.00	1,653.90	10.80	21,661.10

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	Number of patients	Days at \$1.65	Less		Amount
				Days at 40c.	Days at 10c.	
Children's Convalescent Hospital.....	Burlington.....					\$ c.
Blue Mountain Camp for Crippled Children.....	Collingwood.....					
St. John's Convalescent Hospital.....	Newtonbrook.....	3	120	120		150.00
Civitan Convalescent Camp.....	Toronto.....					
Hillcrest Convalescent Hospital.....	Toronto.....					
Daughters of the Empire Hospital for Convalescent Children.....	Toronto.....	6	1,068	505	563	1,503.90
TOTALS.....		9	1,188	625	563	1,653.90

HOSPITALS FOR INCURABLES

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed capacity	Patients in residence, Jan. 1, 1942	Patients admitted during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1942
St. Peter's Infirmary	Hamilton	100	104	75	179	16	58	105
Parkwood Hospital for Incurables	London	143	143	51	194	18	34	142
Perley Home for Incurables	Ottawa	102	98	44	142	13	30	99
St. Vincent Hospital for Incurables	Ottawa	209	206	119	325	40	88	197
Home for Incurable Children	Toronto	40	37	5	42	5	1	36
Our Lady of Mercy Hospital	Toronto	273	265	176	444	41	134	269
Queen Elizabeth Hospital for Incurables	Toronto	386	386	176	562	44	131	387
East Windsor Hospital	Windsor	176	98	272	370	106	99	165
TOTALS		1,429	1,340	918	2,258	283	575	1,400

TABLE No. II.—Showing the collective stay in days of the patients admitted to the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days, for year	Average number of patients in hospital daily	Number of graduate nurses	Number of other employees, includ. nurses-in-training	Percentage of beds occupied during year
							%
St. Peter's Infirmary	Hamilton	179	38,673	106	7	42	106.0
Parkwood Hospital for Incurables	London	194	51,971	142	9	57	99.6
Perley Home for Incurables	Ottawa	142	36,253	99	10	54	97.4
St. Vincent Hospital for Incurables	Ottawa	325	73,694	202	7	101	96.6
Home for Incurable Children	Toronto	42	13,057	36	3	23	89.4
Our Lady of Mercy Hospital for Incurables	Toronto	444	98,364	269	45	66	98.7
Queen Elizabeth Hospital for Incurables	Toronto	562	140,572	385	56	162	99.8
East Windsor Hospital for Incurables	Windsor	370	49,729	136	6	48	77.4
TOTALS		2,258	502,313	1,376	143	553	96.3

TABLE No. III.—Showing the cost of operating the hospitals; also the average daily cost of each patient.

Name of Hospital	Location	Total patient days, all patients, for year	Cost of dietary supplies	Other operating costs	Total operating cost, excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
St. Peter's Infirmary	Hamilton	38,673	14,573.67	48,444.64	63,018.31	1.63	600.00
Parkwood Hospital for Incurables	London	51,971	20,028.25	64,777.13	84,805.38	1.63	
Perley Home for Incurables	Ottawa	36,253	12,011.22	50,936.63	62,947.85	1.74	2,325.40
St. Vincent Hospital for Incurables	Ottawa	73,694	32,690.78	102,358.67	135,049.45	1.83	
Home for Incurable Children	Toronto	13,057	6,130.24	21,816.43	27,946.67	2.14	
Our Lady of Mercy Hospital	Toronto	98,364	37,187.83	129,175.07	166,362.90	1.69	
Queen Elizabeth Hospital for Incurables	Toronto	140,572	71,318.42	216,043.98	287,362.40	2.04	
East Windsor Hosp. for Incurables	Windsor	49,729	18,422.20	70,121.69	88,543.89	1.78	1,503.63
TOTALS		502,313	212,362.61	703,674.24	916,036.85	1.82	4,429.03

HOSPITALS FOR INCURABLES (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Total income from all sources other than Government grant
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
St. Peter's Infirmary.....	Hamilton.....	41,545.28	26,478.00	785.13	354.62	69,163.03
Parkwood Hospital for Incurables..	London.....	38,638.68	41,807.08	6,955.48	273.83	87,675.07
Perley Home for Incurables.....	Ottawa.....	26,748.94	31,559.91	595.88	415.00	59,319.73
St. Vincent Hospital for Incurables.	Ottawa.....	29,011.16	80,871.26	633.27	246.50	110,762.19
Home for Incurable Children.....	Toronto.....	1,254.55	4,731.70	10,612.17	31,769.62	48,368.04
Our Lady of Mercy Hospital.....	Toronto.....	28,228.95	123,153.24	1,301.88	12,400.00	165,084.07
Queen Elizabeth Hospital for Incurables.....	Toronto.....	52,382.61	172,866.50	332.91	769.82	226,351.84
East Windsor Hosp. for Incurables.	Windsor.....	14,048.71	61,357.58	423.65	.....	75,829.94
TOTALS.....		231,858.88	542,825.27	21,640.37	46,229.39	842,553.91

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Hospital	Location	Days at 40c.	Amount	Grant for indigents from unorganized territory	Adjustments		Total Government grant
					Debit	Credit	
			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
St. Peter's Infirmary.....	Hamilton.....	28,428	11,371.20	414.40	.....	.....	11,785.60
Parkwood Hospital for Incurables.....	London.....	42,149	16,859.60	.....	51.20	.....	16,808.40
Perley Home for Incurables.....	Ottawa.....	30,019	12,007.60	1,180.30	.....	.....	13,187.90
St. Vincent Hospital for Incurables.....	Ottawa.....	70,350	28,140.00	2,424.00	.....	36.00	30,600.00
Home for Incurable Children.....	Toronto.....	13,057	5,222.80	182.50	.....	.....	5,405.30
Our Lady of Mercy Hosp. for Incurables..	Toronto.....	89,304	35,721.60	3,492.80	.....	.....	39,214.40
Queen Elizabeth Hospital for Incurables.	Toronto.....	120,915	48,366.00	3,108.80	.....	11.20	51,486.00
East Windsor Hospital for Incurables....	Windsor.....	48,223	19,289.20	116.00	.....	.....	19,405.20
TOTALS.....		442,445	176,978.00	10,918.80	51.20	47.20	187,892.80

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	Number of patients	Days at \$2.00	Less	Amount
				Days at 40c.	
					\$ c.
St. Peter's Infirmary.....	Hamilton.....	1	259	259	414.40
Parkwood Hospital for Incurables.....	London.....	.....	.....	.....	.....
Perley Home for Incurables.....	Ottawa.....	4	738	739	1,180.30
St. Vincent Hospital for Incurables.....	Ottawa.....	5	1,515	1,515	2,424.00
Home for Incurable Children.....	Toronto.....	1	*365	.....	182.50
Our Lady of Mercy Hospital for Incurables..	Toronto.....	7	2,183	2,183	3,492.80
Queen Elizabeth Hospital for Incurables.....	Toronto.....	8	1,943	1,943	3,108.80
East Windsor Hospital for Incurables.....	Windsor.....	1	58	.....	116.00
TOTALS.....		27	7,061	6,639	10,918.80

*A rate of 50c. a day has been arranged.

SANATORIA FOR CONSUMPTIVES

TABLE No. I.—Showing the bed complement, together with the movement of patients in each institution separately.

Name of Sanatorium	Location	Bed Complement		Patients in residence, Jan. 1, 1942	* Patients admitted during year	Live births during year	Total patients treated during year	† Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1942
		Adults' beds	Children's beds							
Brant Sanatorium	Brantford	109		95	111		206	94	21	91
St. Lawrence Sanatorium	Cornwall	112		104	70		174	51	14	109
Fort William Sanatorium	Fort William	193	1	190	222		412	175	50	187
Muskoka Hosp. for Consumptives	Gravenhurst	440		409	288		697	240	57	400
St. Mary's-on-the-Lake Sanatorium	Haileybury	106		93	113		207	80	28	99
Mountain Sanatorium	Hamilton	698	22	682	700	7	1,389	574	125	690
Kingston Sanatorium	Kingston	47		46	52		98	44	7	47
Freeport Sanatorium	Kitchener	150		142	140		282	123	14	145
Queen Alexandra Sanatorium	London	577	34	548	486		1,034	423	79	532
Royal Ottawa Sanatorium	Ottawa	203	9	197	174		371	147	38	186
Niagara Peninsula Sanatorium	St. Catharines	88		89	120		209	109	13	87
Toronto Hosp. for Consumptives and Queen Mary H. for Con. Children	Weston	595	60	606	479	5	1,090	392	120	578
Essex County Sanatorium	Windsor	165	15	172	188		360	160	34	166
TOTALS		3,483	141	3,373	3,143	13	6,529	2,612	600	3,317

*Does not include patients returning from temporary leaves of absence or temporary transfers to public hospitals.

†Does not include patients going on temporary leaves of absence or temporarily transferred to public hospitals.

TABLE No. II.—Showing the collective stay in days of the patients admitted to and infants born in the institutions; also the average stay in days each patient was under treatment.

Name of Sanatorium	Location	Total patients treated during year	Total collective days' stay of patients for year	Average days' stay of each patient for year	Average number of patients in sanatoria daily	Number of graduate and professional staff		Number of all other employees	Percentage of beds occupied during year
						Full time	Part time		
Brant Sanatorium	Brantford	206	37,247	180.8	102	11		39	93.6
St. Lawrence Sanatorium	Cornwall	174	39,947	229.6	109	16		28	97.7
Fort William Sanatorium	Fort William	412	69,075	167.7	189	19	1	40	97.5
Muskoka Hosp. for Consumptives	Gravenhurst	697	150,844	216.4	413	45		176	93.9
St. Mary's-on-the-Lake Sanatorium	Haileybury	207	36,052	174.1	99	12	1	44	93.2
Mountain Sanatorium	Hamilton	1,389	257,980	185.7	707	78	2	265	98.2
Kingston Sanatorium	Kingston	98	16,458	167.9	45	10		15	95.9
Freeport Sanatorium	Kitchener	282	54,033	191.6	148	19	1	39	98.7
Queen Alexandra Sanatorium	London	1,034	196,992	190.5	540	63	1	230	88.3
Royal Ottawa Sanatorium	Ottawa	371	71,151	191.8	195	27	1	61	92.0
Niagara Peninsula Sanatorium	St. Catharines	209	32,105	153.6	88	13		29	100.0
Toronto Hospital for Consumptives and Queen Mary H. for Con. Children	Weston	1,090	216,795	198.9	594	81	2	184	90.7
Essex County Sanatorium	Windsor	360	61,954	172.1	170	26	1	65	94.3
TOTALS		6,529	1,240,633	190.0	3,399	420	13	1,215	93.8

TABLE No. III.—Showing the cost of operating the sanatoria; also the average daily cost of each patient.

Name of Sanatorium	Location	Total collective days' stay of all patients	Cost of dietary supplies	Other operating costs, excluding provision for bad debts and depreciation	Total operating cost, excluding provision for bad debts and depreciation	Average daily per capita cost, excluding provision for bad debts and depreciation	Interest and exchange on long-term loans
Brant Sanatorium	Brantford	37,247	25,523.12	57,222.31	82,745.43	2.22	
St. Lawrence Sanatorium	Cornwall	39,947	28,073.30	63,530.54	91,603.84	2.29	
Fort William Sanatorium	Fort William	69,075	38,534.07	81,081.72	119,615.79	1.73	8,111.16
Muskoka Hosp. for Consumptives	Gravenhurst	150,844	100,571.13	279,280.97	379,852.10	2.52	
St. Mary's-on-the-Lake Sanatorium	Haileybury	36,052	21,174.06	47,883.53	69,057.59	1.92	18,745.30
Mountain Sanatorium	Hamilton	257,980	159,706.11	407,347.07	567,053.18	2.20	
Kingston Sanatorium	Kingston	16,458	10,754.15	28,958.32	39,712.47	2.41	
Freeport Sanatorium	Kitchener	54,033	32,224.04	77,224.29	109,448.33	2.03	
Queen Alexandra Sanatorium	London	196,992	133,519.63	348,511.99	482,031.62	2.45	
Royal Ottawa Sanatorium	Ottawa	71,151	35,748.63	141,714.44	177,463.07	2.49	8,809.66
Niagara Peninsula Sanatorium	St. Catharines	32,105	20,161.25	76,140.11	96,301.36	3.00	
Toronto H. for Consumptives and Queen Mary H. for Con. Child.	Weston	216,795	123,311.18	404,752.08	528,063.26	2.44	
Essex County Sanatorium	Windsor	61,954	36,141.52	104,833.86	140,975.38	2.28	
TOTALS		1,240,633	765,442.19	2,118,481.23	2,883,923.42	2.32	35,666.12

SANATORIA FOR CONSUMPTIVES (Cont'd)

TABLE No. IV.—Showing the sources of income of sanatoria.

Name of Sanatorium	Location	Income from patients and their agencies for maintenance in Sanatorium	Income from municipalities	Sundry income, including Christmas seals	Income from out-patient service	Income from earnings on investments, endowments, etc.	Total income from all sources other than Governm't grant and contributed funds	* Contributed funds
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\ \$ c.	\$ c.
Brant Sanatorium.....	Brantford...	36,616.26		1,500.42	3,401.00	376.72	41,894.40	1,627.18
St. Lawrence Sanatorium.....	Cornwall...	3,209.17	1,546.63	2,102.93	2,658.80	53.06	9,570.59	10,018.00
Fort William Sanatorium.....	Fort William.....	23,681.05		3,238.23	3,654.50	2,202.09	32,775.87	13.25
Muskoka Hosp. for Con.....	Gravenhurst.....							
Toronto Hosp. for Con.....	Weston.....	96,997.94		48,718.60	6,233.28	106,163.54	258,113.36	43,705.52
St. Mary's-on-the-Lake San.....	Haileybury.....	10,191.50		9,481.43	1,302.50		20,975.43	148.35
Mountain Sanatorium.....	Hamilton.....	74,256.04		30,942.34	9,485.00	8,754.09	123,437.47	20,728.37
Kingston Sanatorium.....	Kingston.....	12,120.00					12,120.00	
Freeport Sanatorium.....	Kitchener.....	15,450.00		5,768.68	7,601.00	1,168.04	29,987.72	4,273.86
Queen Alexandra Sanatorium.....	London.....	90,869.03		15,539.26	3,751.50	18,387.27	128,547.06	
Royal Ottawa Sanatorium.....	Ottawa.....	14,566.61	14,531.31	1,832.10	6,624.00	75.00	37,629.02	
Niagara Peninsula Sanatorium.....	St. Catharines.....	8,991.59	5,400.00	13,983.05	9,955.39	2,530.31	40,860.34	2,307.14
Essex County Sanatorium.....	Windsor.....	14,663.61		7,153.47	4,377.50		26,194.58	2,878.00
TOTALS.....		401,612.80	21,477.94	140,260.51	59,044.47	139,710.12	762,105.84	85,699.67

*NOTE.—Contributed funds represent legacies, bequests, donations, etc., which may be used for capital purposes, invested as semi-permanent investments or used for general purposes at the discretion of the board of directors.

TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Sanatorium	Location	Days at \$2.00	Infant days at \$1.00	Amount	Adjustments		Total Government grant
					Credit	Debit	
				\$ c.	\$ c.	\$ c.	\$ c.
Brant Sanatorium.....	Brantford...	24,774		49,548.00		178.00	49,370.00
St. Lawrence Sanatorium.....	Cornwall.....	39,038		78,076.00			78,076.00
Fort William Sanatorium.....	Fort William.....	60,879		121,758.00		6.00	121,752.00
Muskoka Hospital.....	Gravenhurst.....	141,970		283,940.00			283,940.00
St. Mary's-on-the-Lake Sanatorium.....	Haileybury.....	32,281	9	64,571.00			64,571.00
Mountain Sanatorium.....	Hamilton.....	238,503	472	*477,094.00		76.67	477,017.33
Kingston Sanatorium.....	Kingston.....	13,173		26,346.00		544.00	25,802.00
Freeport Sanatorium.....	Kitchener.....	50,067		100,134.00		28.00	100,106.00
Queen Alexandra Sanatorium.....	London.....	172,274		344,548.00		12.00	344,536.00
Royal Ottawa Sanatorium.....	Ottawa.....	69,740		139,480.00			139,480.00
Niagara Peninsula Sanatorium.....	St. Catharines.....	31,282		62,564.00			62,564.00
Toronto Hospital for Consumptives and Queen Mary H. for Con. Children.....	Weston.....	206,678	273	413,629.00		972.20	412,656.80
Essex County Sanatorium.....	Windsor.....	60,267		120,534.00		8.00	120,526.00
TOTALS.....		1,140,926	754	2,282,222.00		1,824.87	2,280,397.13

*A special rate of 50c. per day for 256 days arranged.

INFORMATION CONCERNING PRIVATE HOSPITALS, REST HOMES, CONVALESCENT HOSPITALS, ETC., LICENSED DURING THE YEAR UNDER REPORT

Location	Name of Hospital	Licensee	Type	Bed Capacity
PRIVATE HOSPITALS				
Ajax	Pickering Works General Hospital	Defence Industries Ltd.	Medical and Surgical	32
Brantford	Brantford Private Hospital	Mrs. E. Marie Easterbrook	Medical	11
Cambridgeford	Cambridgeford Private Hospital	Dr. F. A. Stuart	Medical, Surgical and Maternity	12
Chesley	Anne Buckland Private Hospital	Mrs. A. Buckland, Reg. N.	Medical, Surgical and Maternity	10
Connaught Station	Connaught Private Hospital	Dr. J. H. A. Macdonald	Medical, Minor Surgical and Maternity	5
Copper Cliff	International Nickel Co. Private Hospital	International Nickel Co.	Medical and Surgical	33
Elmira	Turner Private Hospital	Mrs. Emma Turner	Medical	12
Favourable Lake	Berens River Mines Hospital	Dr. L. C. Bartlett	Medical and Surgical	4
Fort William	Margaret Jane Dewar Private Hospital	Dr. R. Kerr Dewar	Medical, Surgical and Maternity	6
Hamilton	Salvation Army Maternity Hospital	Salvation Army	Maternity	22
Havelock	Havelock Private Hospital	Mrs. Lucinda Cummins	Medical, Surgical and Maternity	7
Hawkesbury	Hawkesbury Private Hospital	Dr. T. W. Smith	Medical, Surgical and Maternity	12
Hawkesbury	Hospital of the Asylum of the Good Shepherd of Quebec	Asylum of the Good Shepherd	Medical	27
Hawkesbury	Dr. Kelly's Private Hospital	Dr. E. P. Kelly	Medical, Surgical and Maternity	12
Karuskasung	Sensenbrenner Private Hospital	Spruce Falls Power & Paper Co.	Medical, Surgical and Maternity	50
Leamington	Hopewell Private Hospital	Miss Mary Dinning, Reg. N.	Medical, Surgical and Maternity	26
Little Long Lac	Little Long Lac Private Hospital	Little Long Lac Hospital Association	Medical, Surgical and Maternity	33
London	Mason Villa Private Hospital	Mrs. Hazel A. Mason, Reg. N.	Medical	30
London	Rogers Private Hospital	Mrs. E. M. Rogers	Medical and Maternity	21
London	Salvation Army Bethesda Hospital	Salvation Army	Maternity	21
Markdale	Markdale Private Hospital	Dr. R. L. Carefoot	Medical, Surgical and Maternity	21
Moose Factory	Newnham Cottage Hospital	Missionary Society of the Church of England in Canada	Medical	10
Moosonee	Moosonee Private Hospital	The Roman Catholic Episcopal Corporation of James Bay	Medical, Surgical and Maternity	8
McKenzie Island	McKenzie Island Hospital	McKenzie Red Lake Gold Mines Ltd.	Medical, Surgical and Maternity	5
Nobel	Nobel Works General Hospital	Defence Industries Ltd.	Medical and Surgical	10
Oakville	Oakville Private Hospital	Miss Lillian Bezzeo, Reg. N.	Medical, Minor Surgical and Maternity	10
Orillia	Hillcrest Private Hospital	Misses Josie E. Brailey and Frances M. Dean, Reg. N.	Medical	15
Ottawa	Duke-Fingard Inhalation Hospital	Mrs. Agnes Wharrey-Smith, Reg. N.	Medical	71 up-bds.
Ottawa	Rideau Terrace Private Hospital	Mrs. A. E. Levesque, Reg. N.	Maternity	15
Ottawa	Hartington Nursing Home	Mrs. Mabel D. Thomas, Reg. N.	Medical	20
Port Perry	Port Perry Private Hospital	Mrs. Nellie Whitmore, Reg. N.	Medical, Surgical and Maternity	12
Preston	Preston Springs Sanatorium	Dr. L. G. and J. E. Hagmeier	Medical, Surgical and Maternity	57
Pickle Crow	Pickle Crow Gold Mines Private Hospital	Pickle Crow Gold Mines Ltd.	Medical, Surgical and Maternity	5
St. Mary's	Beth Haven Private Hospital	Mrs. Howard Deeks, Reg. N.	Medical, Minor Surgical and Maternity	13
Smooth Rock Falls	Smooth Rock Falls Private Hospital	Mr. and Mrs. E. R. Good	Medical, Surgical and Maternity	26
Stouffville	Brierbush Private Hospital	Miss Elsie V. King	Medical, Surgical and Maternity	10
Sutton West	Sutton Private Hospital	Miss Florence I. Stevenson, Reg. N.	Medical, Surgical and Maternity	23
Thorold	Maplehurst Private Hospital	Mrs. Elizabeth McCulloch	Medical, Minor Surgical and Maternity	18
Toronto	Albany Private Hospital	Mr. Wm. P. Murphy	Medical	14
Toronto	Clifton Memorial Nursing Home	Miss Alice M. Jeffrey	Medical	11
Toronto	Dewson Lodge	Mrs. Jean Cunningham	Medical	15
Toronto	Duke-Fingard Inhalation Hospital	Miss Eileen Whitford, Reg. N.	Medical	10
Isabella St.*	Isabella Private Hospital	Mrs. Jessie Urquhart	Medical, Surgical and Maternity	10
869 College St.	Mayfair Private Hospital	Miss Bess Newsome, Reg. N.	Medical	10
429 Walmer Rd.	Metcalfe Nursing Home	Mrs. Marjorie Metcalfe, Reg. N.	Medical	12
880 St. Clair Ave. W	Oakwood Clinic Private Hospital	Dr. W. S. Grunshaw	Medical, Surgical and Maternity	10
53 Harvie Ave.	St. Clair Private Hospital	Dr. Harold E. Baker	Maternity	4
550 Jarvis St.	St. Mary's Private Hospital	Sisters of Misericorde	Medical, Surgical and Maternity	25
432 Sherbourne St.†	Strirling Private Hospital	Mrs. Catherine Strirling, Reg. N.	Medical	14
32 Gothic Ave.	Strathcona Private Hospital	Mrs. Jean I. Nesbitt, Reg. N.	Maternity	41
56 Isabella St.**	Victoria Memorial Hospital	Miss Grace E. Plumbridge, Reg. N.	Medical, Surgical and Maternity	25
Vankleek Hill	Vankleek Hill Private Hospital	Dr. A. Macdonald	Medical, Surgical and Maternity	10
Waterford	Waterford Private Hospital	Mr. E. K. Willis	Medical	16
Warton	Porter Private Hospital	Mrs. Eva Porter	Medical, Surgical and Maternity	9

CONVALESCENT HOSPITALS

Cobourg.....
 Toronto—10 Homewood Place.....

REST HOMES

Markham.....
 Pendleton.....
 Toronto— 58 Huntley St.....
 626 Church St.**.....

HOSPITALS FOR ALCOHOLIC PATIENTS

Toronto—43 Wellesley St.....

Brookhurst Convalescent Home..... Homewood Rest Home.....	Miss Effie C. Bolster..... Miss Rosa Middleton, Reg. N.....	Convalescent..... Convalescent.....	5 8
Glen Rouge Rest Home..... Henry Moffatt Memorial Rest Home..... Huntley Street Nursing Home..... Stewart Rest Home.....	Miss A. Elsie Mayhew..... Miss Irene Tucker, Reg. N..... Dr. F. F. Carp-Harris..... Mrs. Esther C. Stewart.....	Rest Home..... Rest Home..... Rest Home..... Rest Home.....	4 10 11 4
Wood Sanatorium.....	Messrs. G. R. Wood and J. J. Woolnough.....	Alcoholics.....	14

*Closed February 7, 1942.
 †Closed December 21, 1942.
 **Closed November 4, 1942.
 ††Closed October 7, 1942.
 ***Closed February 14, 1942.

REPORT
OF THE
MINISTER OF PUBLIC
WELFARE

PROVINCE OF ONTARIO

FOR THE FISCAL YEAR

1941 - 1942

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
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ONTARIO

TORONTO

Printed and Published by T. E. Bowman,
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1943

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario,
in Council.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit herewith the Eleventh Annual Report of the Department of Public Welfare, for the fiscal year 1941-42.

I have the honour to be, sir,

Your obedient servant,

HAROLD J. KIRBY,
Minister

Toronto,
April 8, 1943

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REPORT OF THE DEPUTY MINISTER

TO THE HONOURABLE HAROLD J. KIRBY,
Minister of Public Welfare.

I beg to submit herewith a report covering the activities of the Department of Public Welfare for the fiscal year commencing April 1, 1941, and ending March 31, 1942.

During the year under review, public assistance has declined to the lowest level in a decade. The numbers receiving general relief, Mothers' Allowances, Old Age and Blind Pensions have decreased to the point where only 122,205 persons, or 3.37 per cent of the population of Ontario, were in receipt of such services during March, 1942. At the depth of the depression, the peak number receiving assistance from these sources equalled approximately 16.5 per cent of the population. The largest change took place in the unemployment relief load, with beneficiaries of Mothers' Allowances showing the next most substantial decrease. Old Age pensioners, the group least likely to decrease in numbers, remained approximately the same throughout the year.

The following table sets out the numbers assisted in Ontario during March, 1942, according to types of aid, together with percentage of distribution:

	NUMBERS ON AID	PERCENTAGE OF TOTAL
Old Age Pensions.....	58,099	47.51%
Blind Pensions.....	1,496	1.23
Unemployment Relief.....	32,668	26.73
Mothers' Allowances.....	29,943	24.50
TOTALS.....	<u>122,205</u>	<u>100.00%</u>

Persons who, because of physical handicap, age, infirmity, etc., had little hope of obtaining employment, are today filling jobs, due to the depleted labour market. Some mothers who previously were receiving public assistance have now taken advantage of increased opportunities for employment, having made satisfactory arrangements for the care of their children during working hours, and have become self-supporting.

Unemployment Relief is non-existent today for persons classified as employable or, in other words, persons readily available for employment. The downward trend in the numbers receiving this assistance is continuing and can be accounted for, in part, by marginal cases obtaining employment. Supplementary income from dependents has also contributed considerably toward improving the standard of living of many remaining in receipt of aid.

Appropriations on a percentage basis from the Treasury of Ontario directed toward assistance of needy cases were considerably higher during the year under review than in any previous year, although the gross expenditures decreased substantially. The municipalities of Ontario derived the direct financial benefits of the Government's greater absorption of expenditures on behalf of needy cases. The Dominion authorities contributed only toward

Old Age and Blind Pensions. The table following indicates the percentage of contribution, according to type of aid, as between the governments and the municipalities:

	PROVINCIAL	DOMINION	MUNICIPAL
Mothers' Allowances.....	100%	.....	.....
Unemployment Relief.....	75	.....	25%
Old Age Pensions.....	25	75%	.....
Blind Pensions.....	25	75	.....

The plan of the Government of Ontario to extend assistance to Mothers' Allowances beneficiaries, Old Age pensioners and Blind pensioners in the form of medical services, commencing April 1, 1942, is to be highly commended. The arrangement permits any person on aid to obtain free medical services and drugs from the doctor of his or her choice. This plan culminated from discussion with the Ontario Medical Association, which administers all details on the basis of a per capita monthly grant from the Province.

The Government of Ontario is the only known authority on the Continent to render medical assistance in the interest of needy persons on the progressive and unlimited basis provided in this Province. Not only do the recipients derive considerable financial benefits from unrestricted medical treatment, but the demands on municipal taxation for hospitalization costs are reduced because of the free medical assistance made available. The plan is simple in its operation and contributes the maximum in treatment.

The work of the Children's Aid Branch, together with that of the local Children's Aid Societies, has continued to show a marked increase during the year. Continued assistance has been rendered to the Dependents' Allowance Board in the investigation of cases, as well as the assumption of additional responsibilities when the Dependents' Board of Trustees was inaugurated. The care of children who came to Canada under the auspices of the Children's Overseas Reception Board is being supervised by our societies. Many children who came under private auspices have been included in the scheme. In the Statistical Report of the Children's Aid Branch, it is noted that 6,518 visits were made during the year to homes where these British Child Guests are located.

The Soldiers' Aid Commission has helped many ex-servicemen and their dependents during the year, both by means of financial grants and assistance in an advisory capacity relative to pension claims, employment, etc.

Our Inspector of Houses of Refuge and Homes for the Aged has visited all institutions under our jurisdiction during the year, reporting to the Department and assisting Boards of Management in their endeavour to improve the environment and living conditions of the residents. His reports indicate that many boards have made alterations and additions to their property, which have added greatly to the well-being and safety of the residents.

All of which is respectfully submitted.

G. S. TATTLE,

Deputy Minister of Public Welfare

PART I

REPORT OF THE UNEMPLOYMENT RELIEF BRANCH

April 1, 1941, to March 31, 1942

Further substantial reduction in persons requiring direct relief in Ontario during the fiscal year 1941-42 is once again the prominent feature in Unemployment Relief administration. The major problem of unemployment has rapidly disappeared, to be replaced by governmental maintenance of persons deprived of support due to age, infirmity and misfortune. The economic depression has been replaced by a vastly stepped-up system operating under wartime circumstances where man power is at a premium. The armed forces have accepted large numbers of former recipients, with the balance being absorbed readily by industry.

Commencing with the onslaught of the depression in 1930, the Province of Ontario was one of the first governments on the continent to recognize the inability of municipalities to cope with the financial problem that mass unemployment presented. Since that period a total expenditure involving approximately \$230,000,000 has been disbursed for direct relief by the Province, Municipalities and Dominion authorities. Of this amount, over \$100,000,000 or approximately 46 per cent was appropriated by the Government of Ontario. This does not include monies expended in extensive works programs.

This program alleviated the distress of thousands of its citizens. In fact, the peak month shows close to half a million persons were provided aid from public relief funds. Governmental assistance only could cope with the problems faced in the catastrophe of mass unemployment. However, unemployment in itself was not the sole cause of additions to the relief rolls. There is factual evidence that a sizeable percentage of the relief case-load comprised persons who were unemployable. This group included persons suffering from chronic illness, the aged, the injured, and women and children who suffered from some marital discord.

Persons comprising the latter classification are almost entirely the object of Unemployment Relief funds now being provided. With the possible exception of one other province, the Government of Ontario is the only one recognizing a direct financial responsibility in maintaining these cases. Commencing the fiscal year April 1, 1941, the Province of Ontario contributed toward care on the basis of 75 per cent and the municipalities provided 25 per cent. The Dominion Government terminated financial aid March 31, 1941.

Following are expenditures and percentage of contribution for the fiscal year 1941-42 and comparative figures for the two preceding years:

UNEMPLOYMENT RELIEF IN ONTARIO

DIRECT RELIEF EXPENDITURES AND PERCENTAGE OF CONTRIBUTION

BY FISCAL YEAR

	1939-40		1940-41		1941-42	
Province.....	\$8,467,108	43.28%	\$4,146,416	42.89%	\$3,136,699	76.13%
Dominion.....	7,441,274	38.04	3,678,132	38.04	.....	.....
Municipalities..	3,655,356	18.68	1,843,804	19.07	983,741	23.87
TOTALS..	\$19,563,648		\$9,668,352		\$4,120,440	

The measure of assistance rendered in each relief case is determined by the municipality, following consideration given to the necessary expenditures

and resources of the family, in keeping with contributions shared in by the Province. The policy to assist and co-operate with municipalities has permitted the local authorities to maintain much higher standards of care and material aid than would otherwise be available to cases.

A total of 583 municipalities plus unorganized areas in judicial districts submitted accounts for March, 1942. This represents 65 per cent of the 903 Ontario municipalities.

The necessity of providing for and maintaining needy persons remains an urban problem. The 27 Ontario cities accounted for 60 per cent of all persons requiring relief in March, 1942. By adding other municipalities of urban complexion a further 18 per cent of the total persons are noted. The residue, or approximately 22 per cent of the persons in receipt of relief, obtained aid in rural municipalities.

Following are the gross monthly direct relief expenditures on a comparative basis covering the three-year period:

PROVINCE OF ONTARIO			
GROSS MONTHLY DIRECT RELIEF EXPENDITURES			
	1939-40	1940-41	1941-42
April.....	\$2,170,987	\$1,628,604	\$ 476,629
May.....	1,854,953	1,241,233	396,808
June.....	1,585,468	957,891	338,377
July.....	1,416,560	807,431	307,223
August.....	1,454,678	673,440	287,847
September.....	1,417,803	543,715	289,985
October.....	1,359,089	572,947	296,419
November.....	1,422,117	582,340	324,281
December.....	1,559,609	626,929	361,076
January.....	1,737,235	651,856	337,839
February.....	1,772,973	656,595	347,356
March.....	1,812,176	725,371	356,600
TOTALS.....	<u>\$19,563,648</u>	<u>\$9,668,352</u>	<u>\$4,120,440</u>

As indicated previously, relief assistance is the only aid available for the sick and incapacitated, persons who are not old enough to qualify for Old Age Pensions or who have no children available for aid as a Mothers' Allowance beneficiary.

The fact that only 0.9 per cent of the population of Ontario required Unemployment Relief assistance during March, 1942 points to the satisfactory manner in which marginally employable persons, or cases requiring selective employment, have accepted prevailing opportunities for placement in gainful occupation as a result of the efforts of the relief staff in seeking out suitable employment. A statement is appended covering percentages of population for March, 1942, by counties and districts.

From recent figures noted in other provinces and states, Ontario is favourably situated in the relatively small number of persons requiring relief. The distinction between employable and so-called unemployable persons, for practical purposes, is proving to show less reliability as the war progresses. Self-support on an adequate basis is being obtained by a very large number of persons who formerly were considered as unessential and of little value to employers of labour. It is true that selective work is required to maintain many of these cases, but it is also true that their services are necessary and satisfactory in fulfilling duties that otherwise would remain unfilled. The

ability of a person to provide the service an employer requires, with adequate remuneration, is the standard being adopted in municipalities under war-time conditions.

While persons considered as appropriate for positions were influenced in certain cases to accept the means to maintain themselves, there is every indication that municipalities are showing discretion and judgment in the physical capacity, age, home-making duties, etc., of the cases in carrying out the work.

The following table shows the marked changes in persons requiring aid as between March, 1939 and 1942:

UNEMPLOYMENT RELIEF IN ONTARIO

TOTAL FAMILY AND SINGLE CASES, MARCH, 1939 AND MARCH, 1942

	TOTAL No. CASES	TOTAL No. PERSONS	PERCENTAGE OF POPULATION RECEIVING RELIEF
March, 1939	87,571	313,359	8.64%
March, 1942	15,011	32,704	.90
Decrease.....	<u>72,560</u>	<u>280,655</u>	<u>7.74%</u>
Percentage of Decrease.....	<u>82.97%</u>	<u>89.56%</u>	<u>.....</u>

The prevailing strain on manpower due to industrial activity under wartime conditions can be appreciated by noting the Dominion Bureau of Statistics Employment Index for Ontario, which shows March 1, 1942, equal 174.4 against a low of 84.1 on December 1, 1932.

The understanding and resourceful manner in which welfare administrators sought out selective employment for recipients has been one of the main factors in the accelerated case-load decline. They not only influenced employers of labour to provide suitable gainful employment, but convinced many recipients of their ability to once more become self-supporting. However, the larger number of recipients gained the advantage of work from their own initiative.

The table hereunder indicates the trend of cases receiving relief for the fiscal year commencing April 1, 1941:

UNEMPLOYMENT RELIEF IN ONTARIO

DETAIL OF FAMILY AND SINGLE CASES, APRIL 1, 1941, TO MARCH 31, 1942, INCL.

	FAMILIES		No. OF SINGLE PERSONS	PERCENTAGE OF SINGLE PERSONS TO CASE LOAD
	TOTAL CASES	TOTAL PERSONS		
1941—April.....	15,190	56,259	9,065	37.4%
May.....	11,976	44,230	9,203	43.5
June.....	9,709	35,510	8,682	47.2
July.....	8,496	29,559	8,220	49.2
August.....	7,867	26,849	8,040	50.5
September.....	7,353	25,386	7,991	52.1
October.....	7,107	24,468	7,942	52.8
November.....	7,136	24,504	7,908	52.6
December.....	7,269	25,038	7,845	51.9
1942—January.....	7,375	25,710	7,909	51.7
February.....	7,510	26,096	7,812	51.0
March.....	7,238	24,931	7,773	51.8

One of the changing characteristics of the relief case-load is observed in the increasing ratio of single persons to family cases. During the period that relief numbers were at the peak, single persons comprised only 12 to 15 per cent of the total cases, while better than half the cases are now single persons. To a large degree these single persons are aged and incapacitated and include a large proportion of widows and widowers. In addition, spouses of Old Age pensioners who are not themselves in receipt of pension qualify for assistance, and are classified as a single person for relief purposes. Further, the sex of single persons is predominantly female, who have less opportunity to accept suitable employment.

Some interesting detail relating to age of heads of families and single persons is set out in the table hereunder. This data was obtained from a large sample of relief cases taken in 84 Ontario municipalities during October, 1941. The sample included approximately 50 per cent of the case-load in receipt of relief during that month, and shows that 53 per cent of the cases were 60 years of age or over, and 72.1 per cent were 50 years of age or over. Succeeding months will indicate a further upward trend relating to age of relief cases.

UNEMPLOYMENT RELIEF IN ONTARIO

AGE CLASSIFICATION OF RELIEF RECIPIENTS

HEADS OF FAMILIES AND SINGLE PERSONS

Based on Samples Obtained in 84 Municipalities, October 1941

TOTAL CASES	70 YRS. AND OVER	65 TO 69	60 TO 64	50 TO 59	40 TO 49	30 TO 39	20 TO 29	UNDER 20
6,729.....	519	1,894	1,180	1,261	837	696	300	42
Percentage ..	7.7%	28.2%	17.5%	18.7%	12.4%	10.4%	4.5%	0.6%

The downward trend in numbers requiring assistance is provided below. Comparative gross numbers monthly are included to furnish relative diminishment in numbers with the advent of war.

UNEMPLOYMENT RELIEF IN ONTARIO

GROSS NUMBERS ON AID MONTHLY

	1939-40	1940-41	1941-42
April.....	301,061	212,546	63,324
May.....	264,787	177,889	53,433
June	225,423	140,527	44,192
July	209,318	115,507	37,779
August	201,488	91,565	34,889
September ..	195,044	72,976	33,377
October	183,273	65,844	32,410
November	177,838	65,836	32,412
December	189,613	70,048	32,883
January	212,459	75,195	33,619
February	220,423	76,448	33,908
March	220,453	73,530	32,704

One factor assisting in maintenance of favourable health conditions has been the excellent medical relief scheme operating in the Province, instituted in 1935 by the Ontario Government in co-operation with the Ontario Medical Association. It is doubtful whether more satisfactory medical services have been rendered any economic group of persons, other than the wealthy, in this

well-designed and operating plan. All recipients of relief are entitled to the services of the doctor of their choice. The arrangement with the Medical Association has also proven satisfactory to the majority of medical practitioners.

In closing it might be stated that municipal officers generally have rendered assistance with the viewpoint of extending the initiative and resourcefulness of the individual in a not unsympathetic manner.

The appreciation of this Branch is extended at this time to all persons assisting in the administration of relief.

JAS. S. BAND,

Assistant Director

UNEMPLOYMENT RELIEF IN ONTARIO

PERCENTAGE OF POPULATION AND NUMBERS IN RECEIPT OF RELIEF, ACCORDING TO COUNTIES AND DISTRICTS, MARCH, 1942

POPULATION		PERCENTAGE OF POPULATION	TOTAL NUMBERS RECEIVING RELIEF	NO. OF MUNICI- PALITIES	NO. OF MUNICI- PALITIES SUBMITTING ACCOUNTS
3,626,078	Province of Ontario...	0.9%	32,668	903	576
3,136,734	Counties (43).....	0.9%	27,298	700	443
489,344	Districts (11).....	1.1	5,370	203	133
1,637,775	Cities	1.2%	19,547	27	27
655,666	Towns and Villages...	0.7	4,909	305	295
1,216,856	Townships.....	0.5	6,218	571	254
115,781	Unorganized Areas....	1.7	1,994	.....	.....

COUNTIES

24,742	Prescott.....	2.6%	646	10	7
18,137	Russell.....	1.5	263	6	6
16,790	Glengarry.....	1.5	246	7	5
927,498	York.....	1.3	12,404	27	24
197,123	Carleton.....	1.0	1,874	14	6
172,734	Essex.....	1.0	1,646	27	20
80,263	Simcoe.....	1.0	773	30	22
16,916	Lennox & Addington.	1.0	166	13	8
120,747	Middlesex.....	0.9	1,080	23	15
61,621	Lincoln.....	0.9	531	14	14
5,914	Haliburton.....	0.9	52	10	8
196,797	Wentworth.....	0.8	1,539	13	11
37,469	Stormont.....	0.8	318	6	6
88,853	Welland.....	0.7	628	17	16
47,025	Frontenac.....	0.7	317	17	10
52,826	Lambton.....	0.6	308	21	12
52,601	Brant.....	0.6	294	7	6
14,832	Prince Edward.....	0.5	93	10	6
57,009	Wellington.....	0.5	303	22	12
57,736	Hastings.....	0.5	284	28	17
50,748	Renfrew.....	0.5	238	33	13
48,745	Perth.....	0.5	233	16	10
45,001	Peterborough.....	0.5	226	16	8
44,479	Elgin.....	0.5	207	15	9
42,719	Huron.....	0.5	196	24	16

POPULATION		PERCENTAGE OF POPULATION	TOTAL NUMBERS RECEIVING RELIEF	NO. OF MUNICI- PALITIES	NO. OF MUNICI- PALITIES SUBMITTING ACCOUNTS
COUNTIES (Cont'd)					
33,339	Norfolk.....	0.5	162	13	11
32,033	Lanark.....	0.5	147	18	7
31,854	Leeds.....	0.5	147	16	7
95,376	Waterloo.....	0.4	370	13	10
60,529	Ontario.....	0.4	272	17	7
64,401	Kent.....	0.4	246	22	12
56,366	Grey.....	0.4	207	27	17
48,656	Oxford.....	0.4	195	17	12
27,281	Northumberland.....	0.4	111	14	9
15,081	Grenville.....	0.4	53	9	6
39,109	Bruce.....	0.3	119	31	19
27,518	Haldimand.....	0.3	93	9	9
24,125	Victoria.....	0.3	80	17	7
15,757	Dundas.....	0.3	53	8	6
28,173	Peel.....	0.2	52	9	4
20,516	Haldimand.....	0.2	51	15	5
23,531	Durham.....	0.2	42	10	6
13,764	Dufferin.....	0.2	32	9	2
DISTRICTS					
42,168	Nipissing.....	1.8%	774	17	16
20,382	Rainy River.....	1.6	326	14	11
25,556	Kenora.....	1.4	370	8	6
80,764	Cochrane.....	1.3	1,066	14	10
50,075	Algoma.....	1.2	622	21	8
76,783	Sudbury.....	1.0	777	28	20
50,584	Temiskaming.....	1.0	525	24	10
83,781	Thunder Bay.....	0.7	573	12	9
20,619	Muskoka.....	0.7	151	25	18
27,466	Parry Sound.....	0.6	153	27	18
11,166	Manitoulin.....	0.3	33	13	7

NOTE.—Since above figures were compiled, 7 additional municipalities have submitted statements, showing 36 persons in receipt of aid.

REPORT OF THE OLD AGE PENSIONS COMMISSION

April 1, 1941, to March 31, 1942

In the period under review, the Old Age Pensions Commission granted awards to 6,870 new pensioners. Increases, reinstatements, reductions, etc., brought the total number of cases dealt with by the Commission during the fiscal year to 19,936. The numbers in receipt of this form of assistance have remained fairly constant and, in fact, have changed very slightly in the last three years, as is shown in the table which follows. It is apparent that the chief reason for this is the generally improved financial condition of a large number of the citizens of the Province. Undoubtedly there are many persons now able to earn their living who, under previous conditions, would be applying for pension.

	1939-40	1940-41	1941-42
April.....	58,791	59,620	59,113
May.....	58,573	59,486	59,178
June.....	58,249	59,342	59,266
July.....	58,587	59,087	59,344
August.....	58,744	59,212	59,318
September.....	58,926	59,336	59,525
October.....	59,488	59,593	59,755
November.....	59,407	59,655	59,688
December.....	59,895	60,127	59,778
January.....	59,753	59,821	59,613
February.....	59,704	59,290	59,640
March.....	59,717	59,224	59,232

In order to qualify for Old Age Pension under The Dominion Old Age Pensions Act, an applicant must be a British subject, seventy years of age, and a resident of Canada for twenty years immediately preceding the date of the proposed commencement of pension. The applicant is restricted to an income of \$365 yearly, including pension, and must not have made a voluntary assignment or transfer of property.

Applications for Old Age Pension are accepted by all municipal clerks throughout the Province, as well as by secretaries of local Pension Boards which have been appointed in all municipalities of the Province. All applications are referred to these Boards, for their recommendation and transmittal to the Provincial Commission. The Provincial Old Age Pensions Commission is required to give final approval of the amount for which the applicant is eligible.

A field staff of trained investigators serves throughout the Province, obtaining and verifying information in connection with qualifications of applicants. In addition, they submit yearly reports (in accordance with the Dominion regulations) relating to changes in the circumstances of pensioners. Need for assistance is, of course, the basic principle guiding any authority. Consequently, only by maintaining trained personnel is it possible to determine whether persons require full or partial aid, or whether assistance is necessary at all. All resources of the applicant must be considered in the granting of a pension, and, to a very large extent, adjustments in pensions depend on the quality of the investigation staff maintained.

The Old Age Pensions Commission is also charged with the responsibility of administering pensions in respect of blindness. This was made possible by an amendment to The Old Age Pensions Act in 1937. An agreement was entered into with the Federal authorities under date of September 1, 1937, and we have 1,506 Blind pensioners as of March 31, 1942.

The qualifications of an applicant for pension in respect of blindness are the same as those of an applicant for Old Age Pension, with the exception of the age, which is reduced from seventy to forty. The maximum pension payable to a blind person, whether married or unmarried, is \$240 per annum. However, if a blind person marries another blind person after March 31, 1937, the maximum pension is reduced to \$120 per annum.

Application for this form of assistance is made in the same manner as for Old Age Pension. The same staff of investigators is utilized, and examination to determine the degree of blindness is not the responsibility of the pension authority, but is that of the Department of Pensions and National Health of the Dominion Government.

As there is still a certain percentage of applications for Blind Pension refused on the grounds that the applicant has too much vision, we would respectfully draw to the attention of the general public, as well as the local authorities, the fact that it costs a considerable amount to investigate each application and have the necessary examination made. On this ground alone, applicants who are clearly ineligible should be discouraged from making application. There are also persons who apply for Blind Pension who can qualify for Old Age Pension as far as age is concerned, and whose financial condition would not interfere with the granting of a full pension. These persons also should be discouraged from making application for Blind Pension, as the maximum pension payable in both cases is the same.

The Old Age Pensions Commission was gratified to learn that the Dominion regulations were being amended to permit the Commission to disregard the amount of pay assigned by a person in the armed forces when computing income of an applicant. This will mean that the assigned pay will only have to be considered when there is dependents' allowance in issue as well. The Commission has hoped for this amendment for some time, and it will bring relief to many scores of pensioners.

The announcement that, commencing the first of the next fiscal year, the Government of the Province of Ontario has entered into an agreement with the Ontario Medical Association to provide to all our pensioners free medical services, including medication, cannot be praised too highly. Thousands of these pensioners will now be relieved of anxiety when they become ill and a doctor's services are required. They are to have the privilege of obtaining necessary attention from a doctor of their own choice, without the dread of creating a financial obligation which would have to be met from their pension allowance.

In conclusion, the Commission wishes to express appreciation of the co-operation received from local pension authorities and all others who have assisted in any way in the administration of The Old Age Pensions Act.

DR. J. A. FAULKNER,
Chairman

G. S. TATTLE,
Vice-Chairman

C. H. GREEN,
Commissioner

REPORT OF THE MOTHERS' ALLOWANCES COMMISSION

April 1, 1941, to March 31, 1942

The Mothers' Allowances Commission is pleased to submit, herewith, the annual report for the fiscal year 1941-42. The work of the Mothers' Allowances Commission during the year under review has not eased up to any great extent.

In order to keep the administration up to date, it is necessary to review cases from time to time, and during the period to which this report refers the Commission dealt with 2,010 new applications; 1,149 were accepted; 193 renewal applications were accepted; 207 were reinstated (the latter cases were suspended during the year for various reasons and, in view of changes which occurred, the Commission saw fit to reinstate them as beneficiaries). There were 640 applications refused because they did not qualify under the Act, 277 renewals were refused, and 2,615 allowances were cancelled. Increases were made in 828 cases, and reductions in 2,582. And 1,166 cases reviewed were not changed, making the total number dealt with, 9,657.

It is encouraging to the Commission to note that a comparatively small percentage of cancellation was on account of unsatisfactory conditions. Out of a total of 2,615 cancelled, only 180 were cancelled for this reason. These latter cases were referred to the Children's Aid Society, in order that they would be under the supervision of an appropriate organization.

A number of cases were cancelled because the financial situation had improved considerably, due to the fact that the mother was able to find part-time work and children of wage-earning age were able to find employment and contribute an amount sufficient to maintain the home without public assistance. In a number of cases allowances were reduced because one of the children reached his or her sixteenth birthday. The rest were reduced because of improved conditions in the home.

We commenced the fiscal year 1941-42 with 11,151 on the pay-list. During the year the number of beneficiaries decreased by 1,065, leaving 10,086 as of March 31, 1942. There were, however, on the pay list for part of the year 2,352 cases now cancelled, making the total number of families assisted during the year 12,438. Children in these homes numbered 24,706. The larger number of beneficiaries continued to live in urban centres.

The Commission continues to receive close co-operation from the social service organizations, as well as service groups, for which it is very grateful.

Co-operation and assistance received from all those who are directly or indirectly connected with the Commission is also very much appreciated.

DR. J. A. FAULKNER,
Chairman

H. BENTLEY,
Vice-Chairman

E. V. McKECHNIE,
Commissioner

REPORT OF THE CHILDREN'S AID BRANCH

April 1, 1941, to March 31, 1942

During the year under review the Children's Aid Branch and the several local Children's Aid Societies were asked to undertake new responsibilities having to do with the war effort. In January, 1942, the Dependents' Board of Trustees was created. This Board requested and received co-operation from the Children's Aid Societies in investigating applications for assistance. It also requested the assistance of the Department of Public Welfare, and a representative of the Department was appointed *ex-officio* member of the several Advisory Committees. By the end of the year under review, the number of applications for assistance were just beginning to be received.

The Department and the Societies continued to assist the Dependents' Allowance Board, and were called upon during the year to investigate 1,606 applications for allowances. Advice and assistance was given to soldiers' families on the expenditure of the allowance in 429 cases, and direct supervision was given to 1,619 families.

Special investigations have been made in cases where soldiers requested release from the Army on compassionate grounds and also in certain instances requests were received to investigate applications to defer time of call for service.

The Societies and the Department continued the active supervision of British children. During the year there were 777 children from Great Britain under government supervision. Six hundred and ten had come to this country under the direct government scheme, and 167 were transferred for purposes of supervision from those who came privately. Also 6,518 supervisory visits were made to the homes in which British children were placed.

The liaison maintained through the Children's Overseas Reception Board with the parents has continued to work very smoothly, and the understanding, help and encouragement given by the Board to the Societies has been of inestimable value. Through the Board's representatives in Great Britain many problems arising in the minds of the parents have been easily adjusted.

The tension under which all persons are living has been reflected in the complaints of neglect registered with the Societies. There has been a certain increase in the number of such cases being brought to the attention of the Societies, although no marked variation in the number of children involved.

New complaints investigated totalled 6,659. These involved 17,374 children. Among the largest factors entered as problems appear to be separation of parents, marital discord, delinquency, moral and physical neglect. Out of the number of children involved in complaints it was necessary for the courts to commit 1,270 children as wards of the various Societies.

General housing conditions, plus the opportunities for people to rent an extra room for an appreciable amount of money, have to a degree hampered certain of the Societies in their placement of children in foster homes. Notwithstanding this, the Societies ended the year with 11,710 children in care. This represents an increase over the previous year. The number of children in free, wage, and adoption probation homes at the end of the year was 5,951. This figure indicates a slight increase over the previous year, notwithstanding the difficulty portrayed above in procuring new foster homes. Such placements

release municipalities from liability for maintaining the children. The children in care have been visited regularly, although limited staff and increased pressure have made this responsibility more difficult. During the year 93,721 visits to the children placed in foster homes were reported.

The number of adoptions completed during the year total 1,369. This was slightly less than the previous year, but remains at a very high level. Very careful inquiry has been made to assure that all adoptions were *bona fide*, and to limit, in so far as possible, any suggestion that adoptions were being consummated to procure such assistance as Dependents' Allowance irregularly.

An increase is noted in the number of unmarried parents' cases reported. This increase, however, cannot be attributed to any one cause, and must be viewed in relationship to total births and total population in order to appear in its proper perspective.

The collections for maintenance under The Unmarried Parents Act have continued to increase. For the year ending March 31, 1941, they totalled \$102,341.39. For the year ending March 31, 1942, the total was \$120,120.05.

The organization of Children's Aid Societies is unique in that it is a group of privately incorporated societies, receiving, by statutory provision, certain payment of funds from municipalities and under the supervision of a Provincial Department. This unique arrangement provides three sources of income—governmental, municipal and private. The total income from all sources for the year was \$1,682,276.40.

During the year the Children's Aid Societies have shown a desire to lend every assistance, where they have been called upon to further the war effort as it applies to the "home front." Their contribution has been greater than any statistics could show.

B. W. HEISE,
Provincial Superintendent

DIRECTORY, CHILDREN'S AID OFFICIALS

ONTARIO

Algoma.....	W. H. Bury.....	Sault Ste. Marie
Brant.....	J. P. Temple.....	Brantford
Bruce.....	D. W. Cameron.....	Walkerton
Cochrane.....	A. G. Carson.....	Timmins
Dufferin.....	Mrs. I. MacDonald.....	Orangeville
Elgin.....	J. H. Dawson.....	St. Thomas
Fort William.....	Frank Blain.....	Fort William
Frontenac.....	Miss Veronica Franck.....	Kingston
Grey.....	D. W. Hanna.....	Owen Sound
Haldimand.....	C. R. Bilger.....	Dunnville
Halton and Peel.....	G. F. Thompson.....	Milton
Hamilton.....	B. Beaumont, 47 King St. E.....	Hamilton
Hastings.....	T. D. Ruston.....	Belleville
Huron.....	H. T. Edwards.....	Goderich
Kenora.....	Miss Florence Humble.....	Kenora
Kent.....	F. Appleyard.....	Chatham
Lambton.....	Miss V. McLean.....	Sarnia

ONTARIO (Cont'd)

Lanark.....	Miss Jessie MacPherson.....	Perth
Leeds and Grenville.....	C. A. Winters.....	Brockville
Lennox and Addington.....	W. F. Barrett.....	Napanee
Lincoln.....	L. S. Richardson.....	St. Catharines
London and Middlesex.....	F. Cristall, City Hall.....	London
Manitoulin.....	O. D. Cadotte.....	Silver Water
Muskoka.....	W. D. Forrest.....	Huntsville
Nipissing.....	Ernest Majury.....	North Bay
Norfolk.....	F. V. Miller.....	Simcoe
Northumberland and Durham.....	K. J. Hodgert.....	Port Hope
Ontario.....	D. G. Stevenson.....	Oshawa
Ottawa and Carleton.....	Mrs. M. J. Henshaw, 412 MacLaren.....	Ottawa
Oxford.....	R. G. Clowes.....	Woodstock
Parry Sound.....	John Hartill.....	Burk's Falls
Perth.....	Hugh Ferguson.....	Stratford
Peterborough.....	Miss R. A. D. Young.....	Peterborough
Port Arthur.....	Miss A. G. Collier, Court House.....	Port Arthur
Prescott and Russell.....	J. Lacasse.....	Wendover
Prince Edward.....	R. W. Hubbs.....	Picton
Rainy River.....	Mrs. Florence Tibbetts.....	Fort Frances
Renfrew.....	J. C. Simpson.....	Renfrew
Simcoe.....	G. R. Foster.....	Barrie
Stormont, Dundas, Glengarry.....	Miss Marion Cabeldu.....	Cornwall
Sudbury.....	J. S. Davidson.....	Sudbury
Temiskaming.....	K. S. Armstrong.....	Haileybury
Toronto.....	R. E. Mills, 32 Isabella St.....	Toronto
Victoria and Haliburton.....	Allan Blewett.....	Lindsay
Waterloo.....	D. W. Hanna.....	Kitchener
Welland and Niagara Falls.....	Mrs. D. E. Young.....	Welland
Wellington.....	Miss B. Dauphinee.....	Guelph
Windsor and Essex (Prot.).....	F. R. Mills, 737 Louis Ave.....	Windsor
Windsor and Essex (R.C.).....	R. J. Bondy, 669 Tuscarora.....	Windsor
Wentworth.....	C. M. Flatt, Court House.....	Hamilton
York.....	Mrs. J. S. Driscoll, 73 St. Clair Ave. E.....	Toronto
R.C. Children's Aid of St. Vincent de Paul.....	Miss Irene Allen (Act'g), 469 Sherbourne St.....	Toronto
Provincial Superintendent.....	B. W. Heise, Box 246B, Parliament Buildings (ADelaide 1211).....	Toronto

REPORT ON CHILDREN'S INSTITUTIONS

April 1, 1941, to March 31, 1942

Several institutions have been called upon to readjust their program to fit in with changed conditions resulting from the war effort. At least two institutions are now being utilized, in one instance as a hospital and in the other as barracks. In one case children in residence were transferred to other care, and in the other the children were housed in smaller quarters. While certain institutions have been called upon to increase the care they are providing, there has been no great change in the institutional population as a whole. These children's institutions provided a total of 843,201 days' care, at a total cost of \$665,902.27.

Each institution under departmental supervision has been accepted within the requirements of The Charitable Institutions Act and thereby receives a grant of 5c. or 10c. per day, per inmate, depending upon the age of such inmate. Such grant is paid twice yearly by the Province of Ontario, and for the year under review a total of \$60,453.30 was paid in grants.

Certain institutions which have been in the habit of caring for their children in boarding homes, under supervision of a qualified staff, have found considerable difficulty in locating an adequate number of homes during the year. In suburban centres, where housing conditions have become acute and where numerous war industries have created an increased demand for rooms to rent, the persons who ordinarily would board children have found a more lucrative income. In the face of this difficulty these institutions have been challenged to find alternative solutions. They have, however, been able to maintain a high standard of child care.

Institutions have been regularly visited by Department representatives, and, while some have found it difficult to maintain adequate staff for purposes of supervising the children and housekeeping, the care of the children has generally been adequate.

B. W. HEISE,

Provincial Superintendent

REPORT ON REFUGES AND HOMES FOR THE AGED

January 1 to December 31, 1941

There has been a steady increase in the number of aged and infirm persons residing in Refuges. The largest to date was this year, which showed an increase of 898 persons in all Refuges over the year 1940. There were 378 pensioners included in this total.

Practically all the Refuges are filled to over capacity. Alterations and additions are being made in many of the Refuges in an attempt to provide for the new applicants.

There was an increase in cost of operation of all the Refuges of \$276,813.71. This is the largest increase for many years.

There are approximately 500 so-called "incurables" now resident in Refuges who should be in "incurable" hospitals. If these afflicted persons could be placed in hospitals, the crowded situation in Refuges would be greatly alleviated.

This Department is sincerely grateful to all Superintendents, Matrons, and Boards of Management for their continued kind and considerate co-operation.

Below you will please find for your consideration a *résumé* of the statistical figures covering the year 1941:

STATISTICAL SUMMARY—1941

	NUMBER ADMITTED	NUMBER DISCHARGED	NUMBER DEATHS	TOTAL MALE	TOTAL FEMALE
County.....	602	369	286	1,984	1,020
City.....	3,239	2,814	374	2,991	3,718
District.....	40	43	17	180	47
	<u>3,881</u>	<u>3,226</u>	<u>677</u>	<u>5,155</u>	<u>4,785</u>

	AVERAGE RESIDENTS	TOTAL PENSIONERS	TOTAL NON- PENSIONERS	TOTAL FREE RESIDENTS	ALL PERSONS
County.....	2,378	761	2,243	1,751	3,004
City.....	3,441	1,701	5,008	2,790	6,709
District.....	156	66	161	138	227
	<u>5,975</u>	<u>2,528</u>	<u>7,412</u>	<u>4,679</u>	<u>9,940</u>

	TOTAL DAYS' STAY	AVERAGE DAYS' STAY	TOTAL COST	AVERAGE COST PER DIEM PER RESIDENT
County.....	866,711	288.50	\$ 575,667.37	\$.67
City.....	1,254,064	186.91	1,330,205.08	1.10
District.....	56,732	249.92	53,955.55	.88
	<u>2,177,507</u>	<u>241.73</u>	<u>\$1,959,828.00</u>	<u>\$.90</u>

S. L. CHARLTON,
Inspector of Refuges

REPORT OF THE SUPERVISOR OF INVESTIGATORS, OLD AGE PENSIONS AND MOTHERS' ALLOWANCES COMMISSIONS

April 1, 1941, to March 31, 1942

Since the outbreak of war, the economic status of many Old Age pensioners and Mothers' Allowances beneficiaries has changed. Consequently, many adjustments have been found necessary in the work of the investigators' staff, which has been increased accordingly. A revision of districts was made in May and June of the fiscal year under review, and the staff of investigators was increased from 56 to 67, including the four district supervisors.

During the period under review, over 126,000 calls were made on applicants, pensioners and Mothers' Allowances beneficiaries by the investigators' staff. This figure includes the yearly call on pensioners and beneficiaries, the first interview following application, and the calls necessary in connection with appeals, increases, reductions, suspensions and cancellations. More frequent calls are necessary on the Mothers' Allowances beneficiaries, owing to the many changes in home conditions.

Much additional work is required in completing records on Old Age Pension cases, as it is necessary to gather information from a variety of sources and also obtain verification of all data submitted to the Commission.

Owing to the changing demands, new forms were introduced and changes made in the investigators' report forms, which have simplified procedure in obtaining sufficient, authentic information, thus enabling the Commission to determine the eligibility of applicants, as well as the eligibility of recipients to have their pensions continued.

While ever grateful to municipal clerks and local boards for their excellent spirit of co-operation, the greater responsibility is imposed upon the investigators as a fact-finding body. The work of the district supervisors is highly commended, and their personal contacts with the field staff are found to be of great value to the workers in keeping them apprised of changes in procedure introduced by the Commissions.

MARY M. POWELL,
Supervisor

REPORT OF THE SOLDIERS' AID COMMISSION

April 1, 1941, to March 31, 1942

Commission Membership

No changes occurred in the membership of the Commission during the fiscal year, April 1, 1941, to March 31, 1942, now under review. It should be noted however that leave granted Commissioner Brigadier Rutherford, now on active service in Great Britain, has continued in force throughout the year.

Commission Meetings

One general and two special meetings were held during the year, all members showing their usual keen interest.

Commission Staff

No staff changes have occurred during the period. Prompt and efficient service has been rendered by all members.

Audit

Following the end of the fiscal year, an audit of the books and accounts was performed by a representative of the Provincial Auditor's Department. All books and accounts were reported to be in order and to correctly reflect the operations and transactions of the Commission throughout the year. Financial statements will be found appended hereto.

Wards

Services to wards in general is covered by a special statistical report appended hereto. It will be noted that during the year the number of wards requiring attention from the Commission has been decreased from 28 to 20. This reduction was due to the coming of age of eight wards.

Wards' welfare investigations and placements also showed a further decrease this year to 50, compared to 69 for previous year. Again this is due to decreasing number of wards and permanent establishment.

Assistance and Advice to Veterans

1. Emergency grants for the year number 1,199, as compared with 1,224 for previous year.
2. General information and advice services rendered to ex-servicemen and dependents totalled 2,781, compared with 2,383 for previous year.
3. Office interviews for this period were 3,316, as compared with 4,185 for previous year.
4. Special information and advice *re* pension claims, War Veterans' Allowance procedure, etc., numbered 655, as compared with 616.

Kathleen Hammond Estate

The assistance from this fund to widows of veterans, widowed by the war, served 274 cases of emergency or special need during the past year, as compared with 164 in the previous year. The corpus of this fund was subject to further increases during the year.

Croft Estate

Continues to show surplus of income over carrying charges. Prospects for vacant real estate in Yonge-Eglinton Avenue area steadily improving.

Present War Ex-Servicemen

Following the outbreak of the present war the Commission gave careful consideration to the whole range of possible service needs which might arise and the extent to which it would be reasonably necessary to make provision. It was recognized that conditions were substantially improved over those existing during and even at the end of the First Great War. It was felt that, with the widespread development of Children's Aid Societies' services throughout the Province, it would seem unnecessary for the Commission to exercise authority granted under the Act in making provision for the children of ex-servicemen of this war; also the Commission recognized the broader acceptance of responsibility by Dominion Government authorities in respect to a wide range of services for ex-servicemen and their dependents of this war.

It was finally concluded that, unless some type of service obviously reasonably necessary for those serving in this war and their dependents was *not* available under Dominion Government authority, the Commission would not be warranted in increasing its present service program.

The Commission, however, felt that it should have authority to extend advice and emergency assistance service to the ex-servicemen of this war and their dependents as for those rendered eligible through service in the First Great War. This was a subject of discussion with the Honourable the Minister, and led to an amendment to The Soldiers' Aid Commission Act of Ontario, passed at the Sixth Session, Twentieth Legislature, Ontario, under which the Commission has been given necessary authority.

Garden Land Settlement

Early during the year under review it became apparent that the drainage problem at the Settlement was growing worse. The highway ditch along the south frontage became even more choked than before, until finally only two settlers were able to carry on. The remaining cottages (seven) were rented to tenants who were seeking habitation in the area.

Consideration was given to an application under The Ditches and Watercourses Act for a proper main drain which, with necessary subsidiary drains in the settlement, would obviate flooding and provide more definite control of the water table.

In view of wartime conditions, shortage of labour, supplies, etc., it was decided that ditching action might appropriately be postponed. The Commission is satisfied that the settlement represents a tangible asset which, with

reasonable drainage provision, will serve a most useful purpose in the settlement of men of this war who desire market garden settlement opportunities.

General

In reporting on the year under review, we must again express our thanks to the Honourable the Minister, Department of Welfare, for the interest he has shown in the general activities of the Commission and for his helpful co-operation.

The Commission also desires again to gratefully acknowledge the co-operation of the Veterans' Organizations, the Canadian Red Cross Society, I.O.D.E., the Last Post Fund, and all other organizations and individuals who have in numerous ways been helpful during the year.

Respectfully submitted,

E. A. BAKER,
Chairman

PART II

FINANCIAL

AND STATISTICAL REPORTS



DEPARTMENT OF PUBLIC WELFARE FINANCIAL REPORT

For Fiscal Year 1941-42

SUMMARY

DEPARTMENT OF PUBLIC WELFARE
Year Ended March 31, 1942

	ORDINARY EXPENDITURE	CAPITAL PAYMENTS
Main Office.....	\$ 229,936.70	\$
Children's Aid.....	172,858.69	.....
Mothers' Allowances.....	4,413,559.67	.....
Old Age Pensions.....	3,449,331.42	10,125,138.23
Unemployment Relief.....	3,274,489.24	.....
	\$11,540,175.72	\$10,125,138.23

MAIN OFFICE

Minister's Salary.....	\$ 5,333.36	\$
Permanent Salaries.....	17,929.17	.....
Temporary Salaries.....	538.33	.....
Cost-of-Living Bonus (All Branches).....	20,125.16	.....
Travelling Expenses.....	1,949.04	.....
Purchase of Equipment.....	.....	.....
Stationery and Printing.....	3,386.01	.....
Telegraph and Telephone.....	158.58	.....
Miscellaneous.....	249.15	.....
Maintenance of Indigents.....	13,190.10	.....
Burial of Indigents.....	1,290.10	.....
Transportation of Indigents.....	177.70	.....
Grants:		
Refuges.....	83,325.25	.....
Orphanages.....	60,033.20	.....
Soldiers' Aid Commission.....	19,929.30	.....
Memorial Wreaths.....	2,322.25	.....
	\$ 229,936.70	\$

CHILDREN'S AID

Permanent Salaries.....	\$ 34,959.36	\$
Temporary Salaries.....	1,460.68	.....
Travelling Expenses.....	3,240.95	.....
Purchase of Equipment.....	.....	.....
Stationery and Printing.....	2,665.62	.....
Telegraph and Telephone.....	67.10	.....
Miscellaneous.....	155.93	.....
C.U.P.A. Travelling Expenses.....	13,577.46	.....
C.U.P.A. Maintenance.....	54,509.35	.....
C.U.P.A. Legal.....	691.04	.....
C.U.P.A. Miscellaneous.....	31.20	.....
Grants:		
Salaries of Local Superintendents.....	61,500.00	.....
	\$ 172,858.69	\$

MOTHERS' ALLOWANCES COMMISSION	ORDINARY EXPENDITURE	CAPITAL PAYMENTS
Permanent Salaries.....	\$ 53,932.90	\$
Temporary Salaries.....	11,200.64	.....
Travelling Expenses.....	23,329.89	.....
Purchase of Equipment.....	1,652.01	.....
Stationery and Printing.....	3,991.08	.....
Telephone and Telegraph	32.42	.....
Local Board Expenses.....	2,468.94	.....
Sundry Administration	1,358.93	.....
Miscellaneous.....	53.65	.....
Allowances, M.A. Act	4,318,536.21	.....
	<u>\$ 4,413,559.67</u>	<u>\$</u>

OLD AGE PENSIONS COMMISSION		
Permanent Salaries.....	\$ 85,332.71	\$
Temporary Salaries.....	20,914.36	.....
Travelling Expenses.....	24,880.11	.....
Purchase of Equipment.....	3,257.81	.....
Stationery and Printing.....	11,588.92	.....
Telephone and Telegraph	70.21	.....
Registration Fees.....	860.73	.....
Sundry Administration.....	1,184.21	.....
Miscellaneous.....	28.25	.....
Old Age Pensions.....	3,213,811.44	9,859,004.55
Pensions for the Blind	87,402.67	266,133.68
	<u>\$ 3,449,331.42</u>	<u>\$10,125,138.23</u>

UNEMPLOYMENT RELIEF BRANCH

	GROSS EXPENDITURE	REFUNDS	NET EXPENDITURE
Direct Relief	\$ 3,192,320.36	\$ 50,712.88	\$ 3,141,607.48
Farm Rehabilitation.....	6,109.54	14,131.76	*8,022.22
Vacant Land Cultivation.....	915.27	831.96	83.31
Mothers' Allowances Fuel.....	15,589.92	.....	15,589.92
Farm Placement.....	.....	313.57	*313.57
Transportation.....	.....	267.56	*267.56
Enemy Alien Dependents.....	23,694.04	27,013.63	*3,319.59
	<u>\$ 3,238,629.13</u>	<u>\$ 93,271.36</u>	<u>\$ 3,145,357.77</u>
Administration:			
Main Office.....	\$ 70,076.64	\$ 372.16	\$ 69,704.48
District.....	60,051.99	625.00	59,426.99
	<u>\$ 130,128.63</u>	<u>\$ 997.16</u>	<u>\$ 129,131.47</u>
TOTALS.....	<u>\$ 3,368,757.76</u>	<u>\$ 91,268.52</u>	<u>\$ 3,274,489.24</u>

*Credit.

RECEIPTS

MAIN OFFICE	ORDINARY REVENUE	CAPITAL RECEIPTS
Miscellaneous.....	\$ 10.00	\$
Dominion—British Child Guests	9,000.11	.....
CHILDREN'S AID		
Miscellaneous.....	8.15	.....
OLD AGE PENSIONS COMMISSION		
Dominion—Old Age Pensions.....	.....	9,772,690.43
Dominion—Pensions for the Blind .....	.....	261,006.67
Other Provinces—Old Age Pensions.....	.....	87,153.79
Other Provinces—Pensions for the Blind .....	.....	2,186.04
	<u>\$ 9,018.26</u>	<u>\$10,126,036.93</u>

OLD AGE PENSIONS AND PENSIONS FOR THE BLIND

Disbursements and Receipts

Fiscal Year 1941-42

DISBURSEMENTS

TOTAL CHEQUES ISSUED	OLD AGE PENSIONS	PENSIONS FOR THE BLIND	TOTAL
Dominion.....	\$10,070,201.22	\$ 266,931.43	\$10,337,132.65
Ontario.....	3,315,685.47	88,377.55	3,404,063.02
Other Provinces.....	86,314.12	2,127.01	88,441.13
	<u>\$13,472,200.81</u>	<u>\$ 357,435.99</u>	<u>\$13,829,636.80</u>
CANCELLED CHEQUES			
Dominion.....	\$ 125,112.80	\$ 1,255.07	\$ 126,367.87
Ontario.....	41,704.26	418.33	42,122.59
Other Provinces.....			
	<u>\$ 166,817.06</u>	<u>\$ 1,673.40</u>	<u>\$ 168,490.46</u>
CASH REFUNDS			
Dominion.....	\$ 172,397.99	\$ 1,669.69	\$ 174,067.68
Ontario.....	60,169.77	556.55	60,726.32
Other Provinces.....			
	<u>\$ 232,567.76</u>	<u>\$ 2,226.24</u>	<u>\$ 234,794.00</u>
NET TOTAL PAYABLE BY			
Dominion.....	\$ 9,772,690.43	\$ 264,006.67	\$10,036,697.10
Ontario.....	3,213,811.44	87,402.67	3,301,214.11
Other Provinces.....	86,314.12	2,127.01	88,441.13
	<u>\$13,072,815.99</u>	<u>\$ 353,536.35</u>	<u>\$13,426,352.34</u>

RECEIPTS

	OLD AGE PENSIONS		PENSIONS FOR THE BLIND	
	1940-41	1941-42	1940-41	1941-42
Dominion of Canada.....	\$	\$9,772,690.43	\$	\$264,006.67
OTHER PROVINCES				
Alberta.....	10,266.39	10,397.73	173.50	227.81
Manitoba.....	18,987.90	15,895.53	282.25	86.50
British Columbia.....	6,019.92	4,538.03	57.25	224.50
New Brunswick.....	2,129.55	1,642.49	33.75	60.00
Nova Scotia.....	4,004.27	3,363.33	57.50	27.00
Prince Edward Island.....	97.99	47.44		
Quebec.....	33,069.13	27,452.13	995.50	1,019.12
Saskatchewan.....	29,047.92	23,817.11	760.50	541.11
	<u>\$103,623.07</u>	<u>\$9,859,844.22</u>	<u>\$2,360.25</u>	<u>\$266,192.71</u>
TOTAL RECEIPTS.....			<u>\$10,126,036.93</u>	

EXPENDITURES ACCORDING TO LOCAL BOARDS

COUNTIES	OLD AGE PENSIONS	PENSIONS FOR THE BLIND	TOTAL
Brant.....	\$ 84,519.28	\$ 2,057.25	
Bruce.....	147,295.44	4,300.00	
Carleton.....	150,069.92	5,140.00	
Dufferin.....	61,742.59	1,420.00	
Dundas.....	68,500.97	1,680.00	
Elgin.....	139,810.80	4,708.00	
Essex.....	201,149.78	5,369.96	
Frontenac.....	106,315.96	2,276.20	
Glengarry.....	100,423.11	3,400.00	
Grey.....	180,877.85	3,899.92	
Haldimand.....	65,191.08	1,740.00	
Halton.....	92,447.07	2,280.00	
Hastings.....	222,012.17	8,540.00	
Huron.....	171,304.49	4,330.28	
Kent.....	165,097.14	4,740.00	
Lambton.....	134,067.85	3,814.92	
Lanark.....	116,852.65	2,957.33	
Leeds and Grenville.....	181,656.49	4,832.92	
Lennox and Addington.....	104,270.45	1,540.00	
Lincoln.....	100,489.37	3,171.00	
Middlesex.....	157,593.66	4,300.00	
Norfolk.....	126,076.81	4,220.00	
Northumberland and Durham.....	255,057.06	5,915.58	
Ontario.....	157,303.28	3,687.11	
Oxford.....	105,135.12	1,448.71	
Peel.....	100,496.04	2,107.48	
Perth.....	78,641.08	1,068.26	
Peterborough.....	95,231.68	1,360.00	
Prescott and Russell.....	109,225.34	6,740.00	
Prince Edward.....	97,533.61	1,930.00	
Renfrew.....	217,288.04	10,210.48	
Russell.....	83,039.56	2,720.00	
Simcoe.....	388,939.94	9,334.89	
Stormont.....	131,316.46	6,820.00	
Victoria.....	112,495.37	3,900.00	
Waterloo.....	120,515.62	2,420.00	
Welland.....	146,011.12	1,600.00	
Wellington.....	125,830.26	3,065.00	
Wentworth.....	119,938.50	1,610.00	
York.....	687,187.98	12,714.50	
	<u>\$6,014,006.18</u>	<u>\$159,469.82</u>	
Less Interprovincial Accounts Receivable.....	70,381.78	2,508.25	
	<u>\$5,943,624.40</u>	<u>\$156,961.57</u>	<u>\$6,100,585.97</u>

TOWNS

Brockville.....	\$ 40,155.71	\$ 520.00	
Gananoque.....	19,663.00	1,140.00	
Ingersoll.....	23,652.37	320.00	
Prescott.....	11,241.60	240.00	
St. Mary's.....	16,341.13	63.23	
Smith's Falls.....	26,185.74	2,020.00	
Timmins.....	18,156.69	480.00	
Trenton.....	33,076.79	720.00	
	<u>\$ 188,373.03</u>	<u>\$ 5,503.23</u>	
Less Interprovincial Accounts Receivable.....	3,247.20	156.00	
	<u>\$ 185,225.83</u>	<u>\$ 5,347.23</u>	<u>\$ 190,573.06</u>

CITIES	OLD AGE PENSIONS	PENSIONS FOR THE BLIND	TOTAL
Belleville.....	\$ 55,740.91	\$ 3,120.00	
Brantford.....	153,820.93	5,265.00	
Chatham.....	61,881.59	1,080.00	
Fort William.....	45,634.93	1,660.00	
Galt.....	62,720.46	1,660.00	
Guelph.....	79,776.03	2,001.91	
Hamilton.....	543,594.83	19,566.55	
Kingston.....	92,977.95	2,963.00	
Kitchener.....	87,325.95	1,440.00	
London.....	300,011.26	8,925.38	
Niagara Falls.....	47,944.46	1,590.00	
North Bay.....	46,286.43	860.00	
Oshawa.....	70,060.12	1,377.70	
Ottawa.....	454,567.96	15,621.55	
Owen Sound.....	72,035.14	1,534.84	
Peterborough.....	88,162.43	2,160.00	
Port Arthur.....	48,502.23	1,364.33	
St. Catharines.....	83,701.89	2,159.33	
St. Thomas.....	63,590.83	1,240.00	
Sarnia.....	53,861.54	220.00	
Sault Ste. Marie.....	59,285.77	1,656.00	
Stratford.....	73,140.59	3,577.16	
Sudbury.....	42,084.24	1,734.84	
Toronto.....	2,548,103.43	62,995.18	
Welland.....	16,720.04	240.00	
Windsor.....	299,047.47	6,734.77	
Woodstock.....	46,298.53	960.00	
	<u>\$5,596,877.99</u>	<u>\$153,712.54</u>	
Less Interprovincial Accounts Receivable.....	85,722.15	2,322.13	
	<u>\$5,511,155.84</u>	<u>\$151,390.41</u>	<u>\$5,662,546.2</u>
DISTRICTS			
Algoma.....	\$ 123,920.62	\$ 3,420.00	
Cochrane.....	97,577.29	2,815.61	
Dryden.....	3,686.95	.....
Haliburton.....	36,468.24	480.00	
Kenora.....	52,298.46	1,255.80	
Manitoulin.....	33,095.18	1,030.00	
Muskoka.....	103,719.43	2,144.21	
Nipissing.....	125,143.49	3,493.55	
Parry Sound.....	125,319.40	4,190.00	
Pelee Island.....	(Cr.) 206.49	.....
Rainy River.....	74,389.33	1,400.00	
Sioux Lookout.....	1,585.00	.....
Sturgeon Falls.....	7,472.43	293.93	
Sudbury.....	117,049.73	5,480.00	
Temiskaming.....	109,474.74	3,927.31	
Thunder Bay.....	44,105.74	1,120.00	
	<u>\$1,055,099.54</u>	<u>\$ 31,100.41</u>	
Less Interprovincial Accounts Receivable.....	28,904.46	1,365.61	
	<u>\$1,026,195.08</u>	<u>\$ 29,734.80</u>	<u>\$1,055,929.</u>
OTHER PROVINCES			
Alberta.....	\$ 19,345.09	\$ 240.00	
British Columbia.....	12,929.37	.....
Manitoba.....	33,615.12	.....
Saskatchewan.....	56,202.49	360.00	
Nova Scotia.....	4,396.30	.....
New Brunswick.....	1,207.60	.....
Prince Edward Island.....	27.30	.....
Quebec.....	45,370.10	1,622.91	
	<u>\$ 173,093.37</u>	<u>\$ 2,222.91</u>	
Less Interprovincial Accounts Receivable.....	157,000.71	2,156.07	
	<u>\$ 16,092.66</u>	<u>\$ 66.84</u>	<u>\$ 16,159.50</u>

OTHER PROVINCES—ACCOUNTS PAYABLE	OLD AGE PENSIONS	PENSIONS FOR THE BLIND	TOTAL
Alberta.....	\$ 5,226.18	\$ 153.00	
British Columbia.....	9,846.52	147.00	
Manitoba.....	6,638.16	163.55	
Saskatchewan.....	5,976.85	103.65	
New Brunswick.....	410.56	84.00	
Nova Scotia.....	1,022.75	41.00	
Prince Edward Island.....	1.41		
Quebec.....	16,143.45	835.24	
	<u>\$ 45,265.88</u>	<u>\$ 1,527.44</u>	<u>\$ 46,793.32</u>

OTHER PROVINCES—ACCOUNTS RECEIVABLE

Alberta.....	\$ 33,417.73	\$ 751.25	
British Columbia.....	18,032.44	333.00	
Manitoba.....	64,735.55	847.00	
Saskatchewan.....	96,963.93	2,119.45	
New Brunswick.....	6,716.48	108.00	
Nova Scotia.....	13,512.01	240.00	
Prince Edward Island.....	192.30		
Quebec.....	111,685.86	4,109.36	
	<u>\$ 345,256.30</u>	<u>\$ 8,508.06</u>	<u>\$ 353,764.36</u>

GRAND TOTALS.....\$13,072,815.99 \$353,536.35 \$13,426,352.34

ACCOUNTS RECEIVABLE

Old Age Pensions and Pensions for the Blind

	OUTSTDG. Mar. 31, '41	CHARGED 1941-42	RECEIPTS 1941-42	OUTSTDG. Mar. 31, '42
DOMINION OF CANADA				
Old Age Pensions.....	\$	\$ 9,772,690.43	\$ 9,772,690.43	\$
Pensions for the Blind.....	.....	264,006.67	264,006.67	.....
OTHER PROVINCES				
Old Age Pensions.....	20,890.99	86,314.12	87,153.79	20,051.32
Pensions for the Blind.....	543.00	2,127.01	2,186.04	483.97
	<u>\$ 21,433.99</u>	<u>\$10,125,138.23</u>	<u>\$10,126,036.93</u>	<u>\$ 20,535.29</u>

	OLD AGE PENSIONS	PENSIONS FOR THE BLIND	TOTAL
Alberta.....	\$	\$	
British Columbia.....	1,117.79	21.00	
Manitoba.....	4,182.23	45.00	
New Brunswick.....	433.95	6.75	
Nova Scotia.....	839.25	15.00	
Prince Edward Island.....	15.08		
Quebec.....	7,175.78	260.47	
Saskatchewan.....	6,287.24	135.75	
	<u>\$ 20,051.32</u>	<u>\$ 483.97</u>	<u>\$ 20,535.29</u>

MOTHERS' ALLOWANCES COMMISSION

Disbursements and Receipts

Fiscal Year 1941-42

DISBURSEMENTS

Total Cheques Issued.....	\$4,355,924.90	
Less Cancelled Cheques.....	34,064.00	
		\$4,321,860.90
Less Cash Refund.....		\$ 3,324.69
		<u>\$4,318,536.21</u>

EXPENDITURES ACCORDING TO LOCAL BOARDS

COUNTIES

Brant.....	\$ 12,450.00
Bruce.....	34,385.00
Carleton.....	39,540.00
Dufferin.....	11,950.00
Dundas.....	15,455.00
Durham.....	18,445.00
Elgin.....	23,640.00
Essex.....	48,195.00
Frontenac.....	19,935.00
Glengarry.....	28,685.00
Grenville.....	11,995.00
Grey.....	39,736.00
Haldimand.....	21,125.00
Haliburton.....	8,425.00
Halton.....	14,725.00
Hastings.....	49,940.00
Huron.....	30,254.00
Kent.....	36,045.00
Lambton.....	18,820.00
Lanark.....	23,300.00
Leeds.....	22,135.00
Lennox and Addington.....	18,054.90
Lincoln.....	17,195.00
Middlesex.....	25,403.00
Norfolk.....	35,159.00
Northumberland.....	31,430.00
Ontario.....	26,875.00
Oxford.....	16,035.00
Peel.....	17,990.00
Perth.....	13,365.00
Peterborough.....	22,315.00
Prescott.....	42,295.00
Prince Edward.....	12,650.00
Renfrew.....	73,864.00
Russell.....	24,220.00
Simcoe.....	111,704.00
Stormont.....	74,604.00
Victoria.....	24,110.00
Waterloo.....	25,185.00
Welland.....	43,375.00
Wellington.....	24,170.00
Wentworth.....	17,765.00
York.....	313,563.50

\$1,540,512.40

CITIES

Belleville.....	\$ 33,880.00
Brantford.....	51,600.00
Chatham.....	29,025.00
Fort William.....	49,370.00
Galt.....	16,760.00
Guelph.....	31,700.00
Hamilton.....	217,280.00
Kingston.....	43,370.00
Kitchener.....	44,625.00
London.....	90,552.59
Niagara Falls.....	27,575.00
North Bay.....	35,130.00
Oshawa.....	31,873.00
Ottawa.....	234,167.97
Owen Sound.....	26,975.00
Peterborough.....	41,112.00
Port Arthur.....	33,150.00
St. Catharines.....	29,755.00
St. Thomas.....	25,475.25
Sarnia.....	14,910.00
Sault Ste. Marie.....	36,420.00
Stratford.....	20,990.00
Sudbury.....	46,505.00
Toronto.....	936,632.00
Welland.....	16,880.00
Windsor.....	126,556.00
Woodstock.....	16,375.00
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	2,308,643.81

TOWNS

Brockville.....	\$ 10,865.00
Gananoque.....	5,010.00
Ingersoll.....	12,710.00
Prescott.....	5,150.00
St. Mary's.....	7,120.00
Smith's Falls.....	4,705.00
Trenton.....	10,565.00
	<hr/>
	56,125.00

DISTRICTS

Algoma.....	\$ 33,510.00
Cochrane.....	88,450.00
Kenora.....	21,010.00
Manitoulin.....	11,375.00
Muskoka.....	30,595.00
Nipissing.....	47,625.00
Parry Sound.....	37,330.00
Rainy River.....	23,725.00
Sudbury.....	50,430.00
Temiskaming.....	14,750.00
Thunder Bay.....	54,455.00
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	413,255.00

\$4,318,536.21

S. J. GADSBY,

Chief Accountant

OLD AGE PENSIONS

April 1, 1941, to March 31, 1942

SUMMARY

	NO. ON PAY LIST 1940-41	NO. ON PAY LIST 1941-42	GRANTED (NEW)	REINSTATE- MENTS	TRANS- FERS	CANCEL- LATIONS
Counties.....	27,768	27,745	3,210	280	23	3,536
Cities.....	25,098	24,979	2,955	329	14	3,417
Towns.....	851	832	97	6	.....	122
Districts.....	4,763	4,844	608	36	9	572
Other Provinces.....	744	832	.....	7	241	160
TOTALS.....	59,224	59,232	6,870	658	287	7,807

	GRANTED (NEW) 1940-41	REIN- STATE- MENTS AND TRANSFERS	NUMBER OF CASES DEALT WITH IN FISCAL YEAR 1941-42 = 19,936						
			GRANTED (NEW) 1941-42	REIN- STATE- MENTS AND TRANSFERS	INELI- GIBLE	CAN- CELLED	RECONSIDERED		
							REDUC- TIONS	IN- CREASES	FORMER DECISION SUSTAINED
Counties..	3,048	215	3,210	303	705	3,536	357	1,176	116
Cities.....	3,135	256	2,955	343	522	3,417	305	580	48
Towns..	79	11	97	6	16	122	10	21	6
Districts.....	575	30	608	45	122	572	74	208	18
Other Provinces.. .....	.....	231	.....	248	.....	160	8	22	.....
TOTALS.. ..	6,837	743	6,870	945	1,365	7,807	754	2,007	188

7,580 - Increase 235 - 7,815

STATISTICAL REPORT

CITIES	NEW CASES					NATIONALITY				OLD CASES					CASE LOAD		CASES INELICIBLE																	
	DECISIONS		SEX	AGE		Civil Status	Age		Nationality	RECONSIDERED					As At		By Reason of																	
	Granted—Full	Granted—Part		Refused	Pending		70-75	76-80		81-85	86 and Over	Canadian-Born	British-Born	Foreign-Born	Cancelled, Death, etc.	Reductions	Increases	Reinstatements	Transfers	Granted	Former Decision Sustained	Assets Under than Property	Transfer of Property	Earnings	Not 70 Years of Age	Parents' Maintenance Act	Residence	Not a British Subject	Other Reasons					
	Total Pensions Granted		Male	Female	Single	Married	Widow or Widower	Separated	70-75	76-80	81-85	86 and Over	Canadian-Born	British-Born	Foreign-Born	Cancelled, Death, etc.	Reductions	Increases	Reinstatements	Transfers	Granted	Former Decision Sustained	March 31, 1941	March 31, 1942	Property	Earnings	Not 70 Years of Age	Parents' Maintenance Act	Residence	Not a British Subject	Other Reasons			
Belleville	26	3	4	3	7	12	7	2	22	3	1		17	7	2	34	1	8	2	2	2	2	255	241	3	1	3				3			
Brantford	75	60	15	10	37	37	20	2	64	8	3		32	1	1	124	15	18	2	1	1	704	67	3	1	3				3				
Chatham	32	29	3	4	10	17	3	1	27	1	3		19	1	1	35	1	2	1	1	1	278	27	3	1	3				1				
Fort William	24	21	3	3	7	7	12	1	22	6	2	2	13	6	6	50	6	4	4	4	1	204	20	3	1	1	1			2				
Galt	23	18	5	2	8	15	3	4	17	6	2	3	16			21	2	1	1	1	1	296	27	3	1	1	1			2				
Guelph	49	38	11	20	27	22	18	1	43	4	4	4	33	16	3	36	4	7	6	2	1	357	353	3	1	3	1	1	1	2				
Hamilton	275	207	68	75	44	109	166	23	227	33	12	3	138	129	17	364	51	76	40	2	10	2,496	2,444	8	1	10	2	5	21	2				
Kingston	46	39	7	13	19	18	32	8	40	5	3	1	33	12	1	70	1	5	6	2	2	423	403	3	1	1	1	1	1	4				
Kitchener	50	36	14	13	13	18	32	8	40	6	3	1	38	7	5	41	4	10	5	3	3	398	41	3	1	1	1	1	1	1				
London	175	139	36	32	62	113	33	47	145	14	13	3	110	60	5	174	20	38	17	7	7	1,340	1,358	4	2	4	6	3	11	1				
Niagara Falls	22	18	4	6	5	8	14	2	20	2	2	2	18	9	2	32	5	5	2	1	1	217	20	1	1	1	1			3				
North Bay	31	27	4	11	7	12	9	4	23	3	2	1	18	9	1	30	1	7	2	1	1	205	207	3	2	1	1	1		3				
Ottawa	260	219	41	53	46	115	145	5	234	16	5	1	187	52	21	311	25	45	41	2	1	2,041	2,033	1	3	2	1	4	3	24	4			
Owen Sound	36	25	11	13	7	15	21	5	30	3	2	1	27	9	3	35	4	10	8	2	2	307	311	3	2	1	3	7	4	3	2			
Peterborough	45	35	10	9	18	17	4	3	37	6	2	2	27	16	2	68	9	8	3	1	2	402	381	1	3	2	1	1	1	1	2			
Peterborough	32	25	7	10	9	16	15	10	30	3	2	1	27	14	6	35	2	3	3	1	2	218	21	1	1	1	1	1	1	1	2			
Peterborough	42	25	7	10	15	17	6	15	30	3	2	1	19	20	2	56	5	9	6	2	2	389	381	1	1	1	1	1	1	1	3			
St. Catharines	41	30	11	2	10	10	13	15	37	3	3	1	19	9	2	51	3	7	7	2	2	300	285	1	1	1	1	1	1	1	3			
St. Thomas	28	20	8	6	7	11	17	13	13	3	4	1	17	8	2	37	1	5	4	4	1	238	241	1	1	1	1	1	1	1	2			
Sarnia	30	20	10	4	8	10	20	3	15	11	1	1	16	12	2	31	5	5	4	2	2	336	356	5	2	3	3	1	1	1	2			
Sault Ste. Marie	27	21	6	6	4	8	19	1	22	1	1	1	28	16	4	34	1	1	4	4	1	277	263	3	2	1	1	1	1	1	1			
Stratford	44	28	16	14	8	22	22	5	37	6	1	1	26	16	2	37	7	10	2	2	2	277	263	3	2	1	1	1	1	1	1			
Sudbury	22	18	4	5	7	10	10	2	19	2	1	1	16	2	4	12	1	5	1	1	1	189	181	2	2	1	1	1	1	1	1			
Toronto	1,345	1,421	224	165	209	506	833	190	1,156	132	46	11	591	625	129	1,437	112	253	123	6	4	11,310	11,347	20	2	9	17	16	33	3	4	61		
Welland	8	7	1	3	1	2	4	2	8	3	1	1	6	1	1	13	3	1	4	4	1	80	71	6	4	1	1	1	1	1	1			
Windsor	152	135	17	29	29	64	9	64	130	18	3	1	89	44	19	173	22	20	10	2	2	1,317	1,308	6	4	2	3	6	2	2	10			
Woodstock	29	25	4	10	8	13	16	7	23	3	1	2	17	11	1	32	2	3	3	2	2	207	204	4	2	2	2	1	1	1	1			
TOTALS	2,955	2,404	531	522	521	1,140	1,815	402	2,555	292	107	31	1,565	1,154	236	3,417	305	580	329	14	2	25,098	24,971	46	12	25	47	55	91	28	10	168		
TOWNS																																		
Belleville	22	16	6	7	9	10	12	2	18	3	1	1	18	4	1	28	2	3	1	2	2	185	180	1	1	1	2	2	1	2	1	1		
Gananoque	10	10				3	7	3	5	2	2	1	8	1	1	9	1	2	1	1	1	80	88	1	1	1	1	1	1	1	1	1	1	
Ingersoll	22	15	7	3		13	7	1	17	4	1	1	15	7	1	10	2	4	4	1	1	94	100	1	1	1	1	1	1	1	1	1	1	
Prescott	7	7				4	1	5	5	1	1	1	5	1	1	8	1	1	1	2	1	43	48	1	1	1	1	1	1	1	1	1	1	
St. Mary's	10	7	3	4	2	7	7	2	7	2	1	1	8	3	2	22	1	1	2	1	3	68	73	1	1	1	1	1	1	1	1	1	1	
Smith's Falls	11	11				4	7	8	8	2	1	1	8	3	2	16	3	6	6	1	1	121	112	1	1	1	1	1	1	1	1	1	1	1
Timmins	15	13	2	1	1	9	8	2	13	1	1	1	13	2	2	22	1	3	3	2	2	158	151	1	1	1	1	1	1	1	1	1	1	
Trenton	97	79	18	16	17	51	46	9	73	13	8	3	75	20	2	122	10	21	6	6	6	851	832	3	1	2	3	2	3	2	2	5		

PENSIONS FOR THE BLIND

April 1, 1941, to March 31, 1942

SUMMARY

	No. ON PAY LIST MAR. 31, 1941	No. ON PAY LIST MAR. 31, 1942	GRANTED (NEW)	REINSTATE- MENTS	TRANS- FERS	CANCEL- LATIONS
Counties.....	641	684	84	2	.....	43
Cities.....	642	656	62	7	1	56
Towns.....	24	23	2	.....	.....	3
Districts.....	131	133	15	.....	.....	13
Other Provinces.....	10	10	.....	.....	1	1
TOTALS.....	1,448	1,506	163	9	2	116

NUMBER OF CASES DEALT WITH, 1941-42

ELIGIBLE	INELIGIBLE	CANCELLATIONS	REDUCTIONS	INCREASES	TOTAL
174	75	116	6	9	380

New Cases—1940-41.....	202
1941-42.....	163
Decrease.....	39

MOTHERS' ALLOWANCES
 April 1, 1941, to March 31, 1942
 STATISTICAL REPORT

	DECISIONS										No. on Pay List, Mar. 31, 1942		No. on Pay List Part of Year but Later Cancelled		NO. OF FAMILIES WITH										CANCELLATIONS					INELIGIBLE												
	Applications Received	Applications Granted	Renewals Granted	Reinstated	Ineligible and Deferred	Renewals Refused	Cancelled and Suspended	Continued	Increased	Reduced	Total	No. on Pay List, Mar. 31, 1942	No. on Pay List Part of Year but Later Cancelled	1 Child	2 Children	3 Children	4 Children	5 Children	6 Children	7 Children	8 Children	9 Children	10 Children	Total	No Children Under 16 Yrs.	Remarried	Income	Unsatisfactory	Man Not Perm. Unemployable	Other Reasons	Total	No Children Under 16 Yrs.	Remarried	Income	Unsatisfactory	Man Not Perm. Unemployable	Other Reasons	Total				
Widow.....	910	664	97	117	191	87	1,591	633	540	1,779	5,689	6,878	1,431	4,301	2,108	1,043	501	207	88	38	15	4	4	8,309	790	264	284	128	.....	125	1,591	20	3	81	34	.....	140	278		
Incapacitation.....	750	340	66	67	325	132	668	430	217	550	2,795	2,124	619	1,091	651	428	262	154	83	39	32	2	1	2,743	172	.....	74	30	341	51	668	10	.....	18	12	353	64	457		
Mental.....	68	43	3	16	12	10	81	30	19	52	269	287	76	134	91	65	36	22	3	8	4	.....	363	23	.....	14	9	32	6	84	.....	.....	.....	3	7	6	6	22
Desertion.....	152	32	21	5	83	39	145	43	35	122	525	515	143	406	154	56	29	8	3	2	658	73	4	28	8	32	145	2	2	13	105	122			
F.M. Dead.....	73	48	4	1	15	5	95	28	17	76	289	282	83	253	76	22	5	4	365	57	4	4	30	95	1	6	1	12	20		
F.M. Incapacitat'n.	40	22	3	22	2	1	50	Included in incapacitation cases.	3	1	6	12	22	1	1	1	3		
F.M. Mental.....	2	4	1	1	1	7	Included in mental cases.	
F.M. Desertion.....	15	2	1	7	3	9	1	23	Included in desertion cases.
TOTALS.....	2,010	1,149	193	207	640	277	2,615	1,166	823	2,582	9,657	10,086	2,352	6,185	3,080	1,614	833	396	181	87	51	6	5,12,438	1,127	268	404	180	379	257	2,615	93	3	113	68	359	341	917					

STATISTICAL REPORT (Cont'd)

No. of Beneficiaries on Pay List—March 31, 1941.....	11,151	
March 31, 1942.....	10,086	
Decrease During Fiscal Year.....	<u>1,065</u>	
No. of Beneficiaries on Pay List—March 31, 1942.....	10,086	NO. OF CHILDREN
Part of Year, but Later Cancelled.....	<u>2,352</u>	21,018 3,688
TOTALS.....	<u>12,438</u>	<u>24,706</u>

Average number of children per family..... 1.99

No. of Families in—Cities— Active.....	4,936	NO. OF CHILDREN
Cancelled.....	1,247	9,332
Towns— Active.....	150	1,796
Cancelled.....	39	333
Districts—Active.....	1,040	57
Cancelled.....	218	2,560
Counties—Active.....	3,960	423
Cancelled.....	848	8,793
TOTALS.....	<u>12,438</u>	<u>1,412</u>
		<u>24,706</u>

COUNTRY OF BIRTH	ACTIVE	CANCELLED	TOTAL
Canada.....	6,618	1,476	8,094
British.....	2,281	573	2,854
Others Naturalized.....	1,187	303	1,490
TOTALS.....	<u>10,086</u>	<u>2,352</u>	<u>12,438</u>

Percentage:			
Canada.....	65.62%	62.76%	65.18%
British.....	22.61	24.36	22.94
Others Naturalized.....	11.77	12.88	11.98
TOTALS.....	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>

CAUSE OF DEATH	ACTIVE	CANCELLED	TOTAL
Tuberculosis.....	554	116	670
Cancer.....	725	145	870
Others.....	5,599	1,170	6,769
TOTALS.....	<u>6,878</u>	<u>1,431</u>	<u>8,309</u>

CAUSE OF INCAPACITATION	ACTIVE	CANCELLED	TOTAL
Tuberculosis.....	540	206	746
Cancer.....	10	13	23
Mental.....	287	76	363
Epilepsy.....	34	19	53
Others.....	1,540	381	1,921
TOTALS.....	<u>2,411</u>	<u>695</u>	<u>3,106</u>

CHILDREN'S AID

April 1, 1941, to March 31, 1942

INVESTIGATION REPORT

STATISTICS

Total Cases Open at the Beginning of the Year.....	6,037
New Cases.....	6,659
Cases Reopened	1,613
Cases Closed.....	7,147
Total Cases Open at the End of the Year	7,162

FIELD WORK

Children Involved in Above Investigated Cases.....	17,374
Visits <i>re</i> All Cases.....	66,543
Office Interviews <i>re</i> All Cases.....	39,002
Attendances on Above Cases—Mental Health.....	419
Medical	1,270
Dental	120
Court Cases Attended (Including All Attendances on Every Case).....	6,701

FACTORS (Count All Factors Involved in Above Cases)

Abuse or Ill Treatment.....	329
Death of Only Parent or Guardian.....	202
Delinquency of Child.....	1,454
Desertion.....	513
Divorce.....	88
Drunkenness.....	884
Illness of Parent or Guardian.....	670
Imprisonment.....	132
Marital Discord.....	1,133
Mental Defect—Suspected.....	321
Diagnosed	218
Mental Illness—Suspected.....	110
Diagnosed.....	66
Neglect—Medical.....	195
Moral.....	1,389
Physical.....	1,739
Non-support.....	663
One Parent Deceased.....	494
Personality Problem.....	298
Separation of Parents.....	1,643
Sex Offences—Adults with Children.....	79
Children with Children.....	39
Specific Disease.....	79
Truancy.....	295
Unwarranted Complaint.....	204
Sundry.....	2,679

CHILDREN MADE WARDS (Including Children Born Out of Wedlock)

Permanent:	
New Commitments.....	431
From Previous Temporary Wardship.....	248
Temporary:	
New Commitments.....	939
From Previous Temporary Wardship.....	1,014

REPORT *re* CHILDREN IN CARE

STATISTICS	WARDS	OTHER SOCIETIES'	
		WARDS	NON-WARDS
Total Children in Care at First of Year.....	7,889	771	2,367
Children Admitted to Care During Year.....	1,611	264	3,405
Children Discharged During Year.....	1,306	331	2,960
Total Children in Care at End of Year.....	8,194	704	2,812

TYPE OF CARE	WARDS	END OF YEAR	
		OTHER SOCIETIES'	NON-WARDS
Shelter.....	382	.....	96
Boarding Home.....	3,494	62	800
Adoption Probation.....	437	110	1,349
Wage Home.....	706	71	17
Free Home.....	2,426	440	395
Other Institutions:			
Placed for Specific Care Under			
Direct Supervision.....	321	16	139
Mental Hospital.....	242	.....	4
Correctional Institution.....	186	5	12
TOTALS.....	8,194	704	2,812

FIELD WORK

Visits <i>re</i> All Children in Care.....	93,721
Office Interviews <i>re</i> All Children in Care.....	39,635
Attendances on Children—Mental Health.....	1,930
Medical.....	9,887
Dental.....	2,856
Children in Care Contacted in Office or on Visit During Year.....	25,461
First Placements of Children.....	2,910
Replacements of Children (One Home to Another Home).....	2,390
Children Returned to the Shelter.....	866
Foster Home Investigations (Involving 8,210 Visits).....	4,002
Replacements, Shelter to Foster Home.....	1,124
Visits in Search of Foster Homes.....	2,499

INDUSTRIAL SCHOOLS

Investigations for Industrial Schools—Before Commitment.....	194
Before Parole.....	210

ADOPTION

Investigations for Final Adoption.....	1,229
Final Adoption Orders Obtained.....	1,338

BRITISH CHILD GUEST STATISTICS

C.O.R.B. Children Under Supervision.....	610
Children Under Supervision (Transferred from Private).....	167
Visits to: C.O.R.B., 5,619; Private, 899. Total Visits.....	6,518
Total Interviews.....	2,978
Letters to Parents.....	2,060
Replacements.....	211

DEPENDENTS' ALLOWANCE BOARD STATISTICS

Cases Investigated for Board.....	1,606
Administering Dependents' Allowance Cheques.....	429
Soldiers' Families Under Supervision.....	1,619

DEPENDENTS' BOARD OF TRUSTEES

Cases Investigated.....	84
Cases Under Follow-up Supervision.....	29

Investigations Where Soldier Requests Release from Army on Compassionate Grounds.....	62
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Cases Investigated for War Services on Request for Extension of Time of Call for Service.....	23
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Investigations for Transfer on Compassionate Grounds to Another District.	3
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STATISTICAL REPORT

THE CHILDREN OF UNMARRIED PARENTS' ACT

COMPARATIVE REPORT SHOWING NUMBER OF CASES DEALT WITH
FROM JULY, 1921 TO MARCH 31, 1942

1921—July 1, 1921, to October 31, 1921.....	102 cases
1921-1922—October 31, 1921, to October 31, 1922.....	672 "
1922-1923—October 31, 1922, to October 31, 1923.....	1,162 "
1923-1924—October 31, 1923, to October 31, 1924.....	1,205 "
1924-1925—October 31, 1924, to October 31, 1925.....	1,347 "
1925-1926—October 31, 1926, to October 31, 1926.....	1,705 "
1926-1927—October 31, 1926, to October 31, 1927.....	1,724 "
1927-1928—October 31, 1927, to October 31, 1928.....	1,865 "
1928-1929—October 31, 1928, to October 31, 1929.....	1,886 "
1929-1930—October 31, 1929, to October 31, 1930.....	2,180 "
1930-1931—October 31, 1930, to October 31, 1931.....	2,250 "
1931-1932—October 31, 1931, to October 31, 1932.....	2,148 "
1932-1933—October 31, 1932, to October 31, 1933.....	2,248 "
1933-1934—October 31, 1933, to October 31, 1934.....	1,954 "
1934-1935—October 31, 1934, to March 31, 1935.....	798 "
1935-1936—March 31, 1935, to March 31, 1936.....	2,166 "
1936-1937—March 31, 1936, to March 31, 1937.....	2,203 "
1937-1938—March 31, 1937, to March 31, 1938.....	2,401 "
1938-1939—March 31, 1938, to March 31, 1939.....	2,371 "
1939-1940—March 31, 1939, to March 31, 1940.....	2,356 "
1940-1941—April 1, 1940, to March 31, 1941.....	2,441 "
1941-1942—April 1, 1941, to March 31, 1942.....	2,800 "

 39,984 cases

STATISTICAL REPORT (Cont'd)

NEW CASES FOR THE YEAR

From April 1, 1941, to March 31, 1942 (Including 878 Cases from the Toronto District).....	2,800 cases
Of These— 200 Were Pending. 447 Have Been Settled. 2,153 Have Been Closed.	
Of the Cases Settled— 355 Were by Agreements with the Provincial Officer. 86 by Court Orders. 6 by Private Agreements Approved by the Judge.	
Of the Cases Closed— 987 No Action Was Desired. 1 Was Dismissed by the Court for Lack of Sufficient Corroborative Evidence. 516 Were Closed for Lack of Sufficient Corroboration. 115 There Was No Data. 81 Couples Married. 127 Man Unknown. 221 Man's Whereabouts Unknown. 67 Man Outside Jurisdiction. 11 Man Dead. 20 Man Worthless. 7 Criminal Action Taken.	
There Were— 6 Varied Agreements. 33 Varied Orders. 73 Applications for Orders on Agreements, of Which 62 were Granted. 35 Summons Issued.	

ADOPTION STATISTICS

NUMBER OF ADOPTIONS BY MONTHS

1941—April.....	108	1941—November.....	106
May.....	113	December.....	102
June.....	89	1942—January.....	162
July.....	87	February.....	136
August.....	71	March.....	150
September.....	126		
October.....	119		
		TOTAL ADOPTIONS.....	<u>1,369</u>

AGES OF CHILDREN LEGALLY ADOPTED

Born—1941.....	19	Born—1928.....	26	Born—1915.....	4
1940.....	53	1927.....	23	1914.....	5
1939.....	322	1926.....	33	1913.....	2
1938.....	216	1925.....	31	1912.....	5
1937.....	123	1924.....	15	1911.....	3
1936.....	88	1923.....	16	1909.....	3
1935.....	67	1922.....	9	1908.....	1
1934.....	53	1921.....	17	1905.....	2
1933.....	41	1920.....	13	1899.....	1
1932.....	50	1919.....	15	1882.....	1
1931.....	32	1918.....	6		
1930.....	33	1917.....	12		
1929.....	27	1916.....	2		
				TOTAL.....	<u>1,369</u>

CLASSIFICATIONS

Children's Aid Wards.....	179	Stepfather Adopts (Legitimate)....	91
Soldiers' Aid Commission Wards.....		Parents Divorced.....	64
Wards of Other Organizations.....		Child Adopted Second Time.....	3
Children of Unmarried Parents.....	1,039	Relatives Adopting.....	206
Abandoned Children, Foundlings.....	2	One Person Adoption.....	66
Orphaned Children.....	14	Child Over 21 Years.....	70
One Parent Living.....	116	Born Out of Wedlock, Not Under Ontario Laws.....	35
Both Parents Living.....	174	Married.....	7
Husband Adopts Wife's Child (Illeg.)....	252		

NOTE.—Many children are included in more than one of the above classifications.

FINANCIAL STATEMENT—RECEIPTS

	MUNICIPAL PAYMENTS			PROVINCIAL PAYMENTS			PRIVATE			SUNDY	TOTAL RECEIPTS FROM ALL SOURCES		
	MAINT'ANCE FROM MUNICIPALITY		GRANT FROM MUNICIPALITY	MAINT'ANCE FROM OUTSIDE PARLITIES		GRANT	MILEAGE		PAYMENT FOR WAHDS			DONATIONS, MEMBER-SHIPTS, ETC.	INTEREST FROM REQUESTS
	\$	c.	\$	\$	c.	\$	c.	\$	c.			\$	c.
Algoma.....	12,427.85		1,810.61	1,138.99		1,375.00	528.02	5,542.34	1,417.07	147.50	321.61	24,909.58	
Brant.....	9,752.85		685.32	1,990.33		916.65	78.00		1,410.07	1,126.26	111.77	16,674.25	
Bruce.....			630.00	607.96		1,000.00	225.96		29.15	432.21	10.27	7,083.15	
Cochrane.....	3,435.75		5,300.00	1,838.00		1,500.00	18.10	12,621.30	2,400.75		85.82	24,679.35	
Dufferin.....	19,218.02		7,250.00	1,711.25		458.33	14.16	273.75	36.25	1,050.37		5,882.89	
Eglin.....	6,058.00		500.00	1,091.57		1,375.00	237.06	1,869.75	101.00	14.00		26,615.98	
Fort William.....	13,363.02		2,986.00	49.85		500.00	72.75	749.25	2,058.50	212.00		12,428.46	
Frontenac.....	6,242.30		285.93	685.04		1,000.00	244.91		125.00	362.73		22,901.31	
Grey.....	9,853.53		300.00	633.75		916.65	109.75		359.32		67.00	18,405.45	
Haldimand.....	11,436.75		1,400.00	30.00		916.65	216.37	10.00	10.00	800.00		10,539.72	
Halton and Peel.....	56,311.51			4,511.51		1,833.30	319.91		431.35			84,732.57	
Hastings.....	23,083.36		1,526.71	5,341.23		1,375.00	236.55	4,811.75	228.60	95.00		32,814.15	
Huron.....	4,176.31		174.70	273.90		1,000.00	81.14		2,367.79			6,133.01	
Kenora.....	1,109.00		8,630.00	688.31		916.65	81.59		3,210.00			8,138.88	
Kent.....	5,938.50		13,500.00	3,004.67		1,000.00	27.35	262.50	883.11	159.20		21,277.81	
Lambton.....	829.45		600.00	2,238.82		1,000.00	54.12		15.00			19,236.32	
Leeds and Grenville.....	24,153.55		1,220.60	4,270.10		1,500.00	181.77		2,126.81			36,758.52	
Lennox and Addington.....	7,381.11		1,268.50	130.50		1,375.00	40.27		3,051.47			13,742.25	
Lincoln.....	17,613.92		2,588.27	3,025.75		1,000.00	81.14		58.80			20,073.83	
London and Middlesex.....	48,699.88		1,375.00	3,832.96		1,375.00	46.98	159.00	2,367.79	3,051.47		61,913.08	
Manitowish.....	1,515.98		580.00	285.00		500.01	582.16		58.80			2,355.77	
Muskoka.....	555.07		265.00	115.00		1,000.00	45.92	555.07	1,133.08	30.00		5,087.00	
Nipissing.....	8,611.02		469.90	1,811.25		916.65	277.76	4,053.50	1,678.79			17,917.22	
Norfolk.....	17,027.48		1,998.34	3,346.69		1,375.00	102.35		1,361.45	1,155.30		23,883.11	
Northumberland and Durham.....	10,229.00		2,761.31	1,530.22		916.65	216.19		1,658.86	899.20		16,960.96	
Ontario.....	72,345.31		1,167.57	3,832.91		1,500.00	127.59	60.00	946.03	270.08		121,478.07	
Ottawa and Carleton.....	10,344.78		2,250.00	33,520.34		1,500.00	358.11		350.10			135,634.35	
Oxford.....	1,279.65		1,406.25	1,130.01		1,500.00	526.48	2,126.55	38.00			25,741.84	
Perry Sound.....	2,871.25		1,144.25	1,364.15		1,500.00	34.98		38.00			7,066.08	
Peterborough.....	10,403.17		4,305.55	4,902.28		1,500.00	56.24	2,201.25	1,125.75	26.59		38,686.59	
Port Arthur.....	4,305.55		400.00	789.65		1,000.00	154.51		18.00			16,395.23	
Prescott and Russell.....	14,418.00		649.00	204.00		1,000.00	25.10	5,492.50	84.89	31.00		21,454.95	
Prince Edward.....	7,916.58		881.25	1,453.41		1,000.00	472.16		23.00			22,397.83	
Rainy River.....	3,445.87		610.22	3,970.57		1,000.00	506.18	144.75	45.00			24,574.70	
Renfrew.....	9,999.23		250.00	513.00		1,375.00	301.75		1,536.33			361.00	
Simcoe.....	25,085.16		1,000.00	1,282.66		1,500.00	738.66		4,203.06			7,996.14	
Stornont, Dundas and Glengarry.....	18,167.25		1,000.00	3,004.25		1,500.00	50.91	8,434.23	1,566.33			2,680.65	
Sudbury.....	3,138.49		1,500.00	237.00		1,000.00	377.49	20.00	9.00			2,680.65	
Temiskaming.....	7,699.45		1,500.00	16,346.99		1,500.00		307.13	39.00	32.50		23,870.01	
Toronto and H. Huron.....	13,743.61		1,673.49	1,689.70		1,500.00	50.91		1,644.04	251.74		23,705.18	
Waterloo.....	18,225.05		1,546.50	2,412.84		1,000.00	37.49		35.00			33,051.60	
Welland.....	22,509.09		910.35	1,803.86		1,500.00	32.15		35.00			8,161.26	
Wellington.....	27,534.78		1,062.20	2,011.88		1,500.00	44.85		1,093.63	5.41		47,549.61	
Wentworth.....	34,481.03		4,247.54	1,102.50		1,500.00	251.01	66.75	1,492.78			49,249.01	
Windsor (Protestant).....	44,583.89		9,568.33	1,712.50		1,500.00			1,452.78			81,957.94	
Windsor (Roman Catholic).....	8,976.49		59,820.00	194.00		1,500.00			1,492.78			81,957.94	
York.....	69,283.18		9,052.43	12,512.64		1,500.00		1,332.00	4,522.00			94,444.74	
R.C. St. Vincent de Paul.....				9,656.91		1,500.00							
TOTALS.....	972,106.15		138,911.76	78,330.98	146,201.75	58,929.64	8,718.40	62,271.02	133,834.81	19,720.31		1,682,276.40	

FINANCIAL STATEMENT (Cont'd)
EXPENDITURES

	SHELTER		BOARDING HOMES		ALL OTHER		TOTAL	DAYS' CARE		COST PER DAY	
	\$	c.	\$	c.	\$	c.		SHELTER	BOARDING HOMES	SHELTER	BOARDING HOMES
Algoma.....	8,139.39		10,628.30		6,169.79		24,937.45	11,316	16,562	0.72	0.00
Brian.....	2,746.35		7,122.00		6,902.27		16,770.65	3,839	9,516	0.72	0.00
Bottle.....	3,284.49		7,066.37		3,457.35		17,828.21	3,544	2,608	0.95	0.53
Carleton.....	3,350.29		15,095.02		3,985.10		22,430.41	2,293	2,608	1.46	0.70
Dufferin.....			4,941.56		1,490.31		6,431.87		20,155		0.89
Egert William.....	4,075.61		20,041.06		9,992.02		30,033.00	4,322	25,297	0.91	0.80
Fontenac.....	3,490.68		15,190.17		3,096.70		25,380.25	2,976	15,187	1.18	0.99
Grey.....			17,377.23		5,093.05		22,470.28		18,219		0.75
Haldimand.....			6,178.30		3,783.53		9,961.83		15,367		0.74
Halton and Peel.....			11,206.53		2,112.20		13,318.74		15,367		0.72
Hamilton.....	5,034.49		10,984.71		5,798.00		16,782.80		67,597		0.81
Hastings.....			54,772.02		20,625.21		80,431.72	5,617	44,151		0.67
Huron.....			29,660.84		3,370.15		33,030.99		5,564.61		0.57
Kenora.....			523.07		5,041.43		5,564.50		9,013		0.77
Kent.....	9,314.72		6,033.88		1,262.73		7,296.61		10,512		0.77
Lambton.....			3,046.69		5,923.02		8,970.71	13,306	4,234	0.70	0.72
Lanark.....			9,686.09		9,340.60		19,026.78		10,780		0.96
Leeds and Grenville.....	8,954.30		11,452.47		2,717.88		14,170.35		21,578		0.99
Lennox and Addington.....			23,705.15		7,139.89		30,845.04	8,294	35,807	1.15	0.72
Lincoln and Middlesex.....			8,893.63		2,556.10		11,449.73		12,367		0.68
London.....	10,804.72		16,459.26		5,421.08		21,880.34		24,056		0.73
Manitowlin.....			47,970.76		7,429.95		55,400.71	13,289	60,281	0.81	0.68
Muskoka.....			839.56		566.16		1,405.72		1,415		0.45
Nipissing.....	4,280.93		1,037.27		3,019.70		4,056.97		2,160		0.69
Norfolk.....	4,730.10		8,650.03		4,900.94		17,831.90	6,139	17,624	0.70	0.83
Northumberland and Durham.....	7,057.00		19,796.50		4,265.84		24,062.34		23,464		0.70
Ontario.....			10,035.38		8,291.54		17,587.02	4,430	14,878	1.07	0.83
Oxford.....			9,035.29		4,362.68		12,455.90	5,277	12,983	1.10	0.70
Perth.....			104,459.67		35,772.51		140,232.18		129,204		0.81
Peterborough.....	550.78		8,083.86		6,341.21		14,975.85		15,495		0.51
Prince Edward.....	2,273.48		1,114.28		3,613.12		7,000.88	2,859	2,454	0.80	0.45
Rainy River.....	2,666.47		1,459.30		4,370.13		8,495.90	2,057	1,502	0.88	0.61
Simcoe.....	3,482.66		6,909.97		5,430.47		15,823.10	3,193	12,923	1.09	0.51
St. Catharines.....	4,787.68		4,976.46		7,192.54		16,956.68	6,175	7,625	0.78	0.55
St. Lawrence.....			10,566.31		7,001.49		17,567.80		19,221		0.50
St. Mary.....			7,119.68		2,408.51		9,528.19		12,654		0.50
St. Patrick.....	2,986.20		7,669.40		4,586.33		12,255.87	3,221	16,445	0.92	0.60
St. Thomas.....	8,009.70		7,390.66		5,250.62		15,627.57	10,385	11,926	0.77	0.50
St. Vincent and Glengarry.....			13,665.06		7,604.62		21,400.80		23,458		0.60
Sudbury.....	10,152.68		7,342.02		6,734.01		24,228.71	11,010	9,475	0.94	0.78
Temiskaming.....	1,675.23		15,215.62		4,729.91		21,563.76	1,823	30,537	0.92	0.78
Toronto.....	14,668.00		282,333.00		48,376.00		345,377.00	7,720	326,907	1.90	0.83
Victoria and Haliburton.....			12,681.36		8,586.87		21,268.23		20,251		0.62
Walterloo.....	6,902.47		10,718.58		5,265.77		22,886.82	11,824	15,750	0.58	0.68
Welland.....	6,050.68		9,641.81		11,225.47		26,917.96	5,983	23,069	1.01	0.49
Wellington.....	4,831.56		25,443.77		3,948.78		34,224.11	3,721	35,961	1.30	0.71
Wentworth.....	1,597.70		3,033.13		2,630.43		8,161.26	738	5,653	2.16	0.70
Windsor (Protestant).....	6,309.78		41,977.47		9,269.94		51,247.41		50,934		0.86
Windsor (Roman Catholic).....	6,169.53		29,444.57		8,055.87		46,810.22	6,205	34,006	1.50	0.86
York.....	5,174.17		82,130.21		12,246.50		76,546.33	8,109	78,828	0.76	0.73
R.C. St. Vincent de Paul.....			82,532.16		7,761.49		95,467.82	1,483	99,418	3.49	0.83
TOTALS.....	166,551.93		1,134,855.16		366,889.65		1,670,196.74	171,978	1,521,054	1.10	0.69

ORPHANAGES
COST OF MAINTENANCE

NAME OF ORPHANAGE	LOCATION	TOTAL COLLECTIVE DAYS' STAY OF RESIDENTS	TOTAL COST OF DIETARIES	OTHER MAINTENANCE COST	TOTAL MAINTENANCE COST	AVERAGE COST OF EACH RESIDENT PER DAY
			\$ c.	\$ c.	\$ c.	\$ c.
St. Joseph's Orphanage.....	Cobourg.....	8,187	1,162.67	5,769.83	6,932.50	.85
Nazareth Orphanage.....	Cornwall.....	25,980	6,066.13	6,634.98	13,701.11	.63
St. Joseph's Orphanage.....	Fort William.....	40,607	7,592.53	28,222.91	35,815.44	.88
Boys' Home.....	Hamilton.....	12,747	3,828.75	7,909.07	11,737.82	.92
Girls' Home.....	Hamilton.....	14,962	11,429.72	35,161.85	46,591.57	1.24
Home of the Friendless and Infants' Home.....	Hamilton.....	37,367	14,880.24	19,305.01	34,185.25	1.75
St. Mary's Orphan Asylum.....	Hamilton.....	10,444	4,424.77	9,311.85	13,736.62	.70
Salvation Army Rescue Home.....	Hearst.....	16,984	2,614.31	9,497.37	12,111.68	.88
St. Joseph's Orphanage.....	Kingston.....	8,113	2,925.51	4,129.21	7,054.72	.86
Orphans' Home and Widows' Friend Society.....	Kingston.....	11,415	1,077.15	28,048.36	29,125.48	2.19
St. Mary's of the Lake Orphanage.....	Kingston.....	7,670	9,107.18	7,928.24	17,035.42	2.19
Home of Friendless Women and Infants (now Hedgewood Home).....	London.....	16,904	2,916.38	7,379.01	10,295.39	.66
Mount St. Joseph Orphanage.....	London.....	15,767	3,715.08	19,292.29	23,007.37	1.85
Protestant Orphans' Home.....	London.....	12,668	4,242.68	12,993.68	17,236.36	1.42
Ronald Roy Gray Memorial Home.....	London.....	12,668	3,928.68	31,973.88	35,902.56	2.83
Salvation Army Rescue Home.....	London.....	11,914	17,562.10	7,258.48	24,820.58	2.08
Protestant Children's Village.....	Ottawa.....	11,914	3,928.68	5,232.48	9,161.16	.77
St. Joseph's Orphanage.....	Ottawa.....	86,573	17,562.10	5,232.48	22,794.58	.26
St. Patrick's Home.....	Ottawa.....	20,749	2,025.97	5,232.48	7,258.45	.40
Salvation Army Rescue Home.....	Ottawa.....	18,164	1,229.89	5,232.39	6,462.28	1.14
St. Vincent's Orphanage.....	Ottawa.....	5,648	7,472.05	22,068.57	29,540.62	.70
Loyal True Blue and Orange Home.....	Peterborough.....	41,953	2,389.43	6,317.14	8,706.57	.43
St. Agatha Orphans' Home.....	Richmond Hill.....	20,184	1,696.13	5,966.35	7,662.48	.94
Protestant Orphans' Home.....	St. Catharines.....	8,158	4,124.58	8,559.88	12,684.46	.63
D'Youville Orphanage.....	St. Catharines.....	19,984	27,062.37	14,890.92	41,953.29	1.04
Catholic Welfare Bureau.....	Sudbury.....	40,088	573.48	153,405.33	153,978.81	1.09
St. Joseph's Orphanage.....	Toronto.....	15,237	1,181.92	3,778.31	4,960.23	1.56
Carmelite Orphanage.....	Toronto.....	140,587	1,181.92	77,406.86	78,588.78	.56
Infants' Home and Infirmary.....	Toronto.....	140,587	1,181.92	77,406.86	78,588.78	.56
Jewish Children's Bureau.....	Toronto.....	3,166	4,671.28	7,637.35	12,308.63	.72
Pentecostal Bethel Home for Girls.....	Toronto.....	79,205	2,128.23	7,433.52	9,561.75	.84
Protestant Children's Home.....	Toronto.....	12,686	6,730.76	9,901.10	16,631.86	.73
St. Mary's Infants' Home.....	Toronto.....	17,117	5,424.50	9,851.24	15,275.74	1.51
Sacred Heart Orphanage.....	Toronto.....	11,320	2,430.77	10,960.97	13,391.74	1.91
Salvation Army Children's Home.....	Toronto.....	18,543	152,335.30	575,755.18	728,090.48	3.92
Victor Home for Women.....	Toronto.....	10,175	2,430.77	10,960.97	13,391.74	1.91
Working Boys' Home.....	Toronto.....	14,927	2,430.77	10,960.97	13,391.74	1.91
Kitchener and Waterloo Orphanage.....	Waterloo.....	7,008	2,430.77	10,960.97	13,391.74	1.91
Faith Haven.....	Windsor.....	7,008	2,430.77	10,960.97	13,391.74	1.91
TOTALS.....		845,201	152,335.30	575,755.18	728,090.48	3.92

ORPHANAGES (Cont'd)
RESIDENTS

NAME OF ORPHANAGE	LOCATION	NUMBER OF BEDS	NUMBER OF RESIDENTS ON JAN. 1, 1942	NUMBER ADMITTED DURING YEAR	TOTAL NUMBER UNDER LOREMENT DURING YEAR	TOTAL NUMBER DISCHARGED DURING YEAR	NUMBER OF DEATHS DURING YEAR	NUMBER REMAINING IN DEC. 31, 1942
St. Joseph's Orphanage	Cobourg	28	20	12	32	9	.....	23
Nazareth Orphanage	Cornwall	68	73	86	159	98	.....	61
St. Joseph's Orphanage	Fort William	140	131	46	177	65	.....	112
Boys' Home	Hamilton	60	36	32	68	31	.....	37
Girls' Home	Hamilton	60	35	9	44	11	.....	33
Home of the Friendless and Infants' Home	Hamilton	100	49	97	146	145	1	101
St. Mary's Orphan Asylum	Hamilton	140	99	79	178	77	.....	20
Salvation Army Rescue Home	Hamilton	32	31	143	174	40	1	194
St. Joseph's Orphanage	Hearst	99	122	112	234	153	.....	81
Orphans' Home and Widows' Friend Society	Kingston	20	15	23	38	26	.....	12
St. Mary's of the Lake Orphanage	Kingston	36	36	40	76	47	.....	29
Home of the Friendless Woman and Infants (now Hedgewood Home)	Kingston	24	28	37	65	41	.....	24
Mount St. Joseph Orphanage	London	150	96	60	156	60	.....	96
Protestant Orphans' Home	London	55	37	16	53	11	.....	42
Rev. Roy Gray Memorial Home	London	.....	34	131	165	137	.....	28
Salvation Army Rescue Home	London	25	40	209	249	220	.....	29
Protestant Children's Village	Ottawa	50	243	271	514	266	1	247
St. Joseph's Orphanage	Ottawa	263	243	271	514	266	.....	247
St. Patrick's Home	Ottawa	74	60	96	156	96	.....	60
Salvation Army Rescue Home	Ottawa	61	41	152	193	139	.....	54
St. Vincent's Orphanage	Peterborough	35	15	16	31	12	.....	19
Loyal True Blue and Orange Home	Richmond Hill	200	105	21	126	8	.....	118
St. Aratha Orphans' Home	St. Aratha	86	50	30	80	27	.....	53
Protestant Orphans' Home	St. Catharines	31	19	11	30	8	.....	22
D'Youville Orphanage	Sudbury	60	57	53	110	54	.....	56
Catholic Welfare Bureau	Toronto	145	122	162	267	162	.....	105
Carmelite Orphanage	Toronto	58	39	24	63	19	.....	44
Infants' Home and Infirmary	Toronto	.....	341	628	969	571	2	396
Jewish Children's Bureau	Toronto	.....	7	39	46	40	.....	6
Pentecostal Bethel Home for Girls	Toronto	15	193	507	700	471	.....	229
Protestant Children's Home	Toronto	.....	28	200	228	145	1	92
St. Mary's Infants' Home	Toronto	50	43	22	65	18	.....	47
Sacred Heart Orphanage	Toronto	35	26	13	39	15	.....	24
Salvation Army Children's Home	Toronto	49	56	126	182	127	.....	55
Victor Home for Women	Toronto	55	48	107	155	100	.....	55
Working Boys' Home	Toronto	47	34	40	74	27	.....	47
Kitchener and Waterloo Orphanage	Waterloo	20	39	120	159	121	.....	38
Faith Haven	Windsor	.....	39	120	159	121	.....	38
TOTALS		2,308	2,471	3,730	6,201	3,647	6	2,548

ORPHANAGES (Cont'd)
RECEIPTS

NAME OF ORPHANAGE	LOCATION	RECEIPTS FROM PAYING RESIDENTS		RECEIPTS FROM MUNICIPALITIES FOR INDIGENT RESIDENTS		GRANTS FROM MUNICIPALITIES, FEDERAL GOVERNMENT, ETC.		PROVINCIAL GRANT		RECEIPTS, INDEMNITIES, DONATIONS, ETC.		TOTAL RECEIPTS
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	
St. Joseph's Orphanage	Cobourg	154.25		411.00		385.30		410.05		4,840.28		6,200.88
Nazareth Orphanage	Cornwall	4,188.57		1,489.83		14,782.40		1,361.40		8,432.10		13,982.07
St. Joseph's Orphanage	Fort William	886.20		3,098.48		1,452.44		1,940.75		15,403.55		34,502.73
Boys' Home	Hamilton	1,331.62		7,596.22		1,550.95		679.65		6,539.40		11,637.15
Girls' Home	Hamilton	6,742.92		180.00				1,929.60		14,017.49		30,286.23
Home of the Friendless and Infants' Home	Hamilton	11,383.44		1,735.90				845.90		3,512.80		15,742.14
St. Mary's Orphan Asylum	Hamilton	4,530.15						838.40		4,363.96		11,364.95
Salvation Army Rescue Home	Hears	1,637.24								5,854.56		11,903.90
St. Joseph's Orphanage	Kingston	1,054.50				175.00		477.15		3,665.49		5,372.14
Orphan's Home and Widows' Friend Society	Kingston	2,432.23		2,394.70				1,756.70		18,962.22		25,545.85
Home of Friendless Women and Infants (now Hedgewood Home)	London	4,475.25		1,300.00				813.80		7,601.14		14,190.19
Mount St. Joseph Orphanage	London	3,866.62						511.85		905.59		5,284.06
Protestant Orphans' Home	London	8,890.61		500.00				1,503.70		3,223.22		14,117.53
Royal Roy Gray Memorial Home	London	3,459.13		825.60				633.40		12,801.71		17,719.84
Salvation Army Rescue Home	Ottawa	14,020.14		9,966.60				4,579.15		14,256.68		42,822.57
Protestant Children's Village	Ottawa											
St. Joseph's Orphanage	Ottawa											
St. Mary's Home	Ottawa											
St. Patrick's Home	Ottawa											
Salvation Army Rescue Home	Ottawa	3,532.62		546.30				1,563.10		4,348.52		10,010.54
St. Vincent's Orphanage	Ottawa	1,083.13		236.25				280.25		3,880.89		6,780.52
Loyal True Blue and Orange Home	Peterborough	6,455.84				1,300.00		1,932.95		20,041.15		28,429.94
St. Agatha Orphans' Home	Richmond Hill	2,085.50				1,000.00		948.40		4,535.50		8,569.40
Protestant Orphans' Home	St. Catharines	2,012.15						411.90		5,505.87		7,929.92
D'Youville Orphanage	St. Catharines			20.00				998.75		5,372.77		12,441.87
Catholic Welfare Bureau	Sudbury	13,635.56		15,314.64				9,021.65		5,079.67		43,051.52
Infants' Home and Infirmary	Toronto	26,884.17		61,261.58				6,563.65		54,712.01		149,421.41
Jewish Children's Bureau	Toronto	1,600.63						279.35		2,991.46		4,871.44
Pentecostal Bethel Home for Girls	Toronto	26,865.89		13,244.40				3,753.00		29,252.14		74,115.43
Protestant Children's Home	Toronto											
St. Mary's Infants' Home	Toronto											
Sacred Heart Orphanage	Toronto	3,516.70						837.70		8,907.57		13,261.97
Salvation Army Children's Home	Toronto	4,380.50						924.60		1,047.07		6,352.17
Victor Home for Women	Toronto	2,014.94						1,305.40		9,746.59		13,066.93
Working Boys' Home	Toronto	11,447.30		400.00				1,522.15		1,361.32		14,730.77
Kitchener and Waterloo Orphanage	Waterloo	5,992.30		300.00				1,277.70		4,676.21		12,176.21
Faith Haven	Windsor											
TOTALS		186,568.45		121,821.50		20,646.09		51,027.30		285,838.93		665,902.27

HOUSES OF REFUGE AND HOMES FOR THE AGED
 January 1 to December 31, 1941
County Houses of Refuge or Homes for Aged Persons
FINANCIAL STATEMENT
RECEIPTS

NAME	LOCATION	COUNTY	FARM GARDEN STOCK, ETC.	INTEREST, DONATIONS, REQUESTS, LOANS, ETC.		MUNICI- PALITIES	PAYING RESIDENTS		PENSIONERS, BLIND OR O.A.P.	PROVINCIAL GOVERN- MENT	ALL OTHERS		CASH ON HAND, JAN. 1, 1941	TOTAL
				\$	c.		\$	c.			\$	c.			$	c.
Brant	Brantford	6,290.47	555.33		2,012.81				6,630.00				1,605.41	17,024.02
Bruce	Walkerton	8,811.37	2,640.49				305.57		4,312.92					16,077.25
Elgin	St. Thomas	3,244.57	1,747.41				430.75		1,440.00					7,882.76
Essex	Leamington	13,066.15	2,304.55				1,786.44		1,564.57					18,671.66
Grey	Markdale	4,025.15	2,603.59		3,197.19		84.26		4,970.32		358.04			15,835.55
Haldimand	Markdale	7,176.82	1,841.59				718.00		1,729.59					8,456.91
Hastings	Belleville	12,479.43	2,901.17	725.18			908.62		7,279.48					19,351.42
Huron	Clinton	12,393.37	4,005.62	23.54			4,273.78		5,684.00					25,957.85
Kent	Chatham	15,303.37	591.92				338.78		2,290.00		405.03			19,413.08
Lambton	Sarnia	8,310.25	2,096.35				1,117.59		6,798.97		29.43			12,339.20
Lanark	Perth	3,417.47	3,334.62		10,622.52		1,059.70		2,406.84					20,606.97
Leeds and Grenville	Alton	6,964.75	4,098.45	1,962.94			72.50		2,807.71					12,219.95
Lincoln	St. Catharines	8,379.70	1,345.71	3,433.91			312.00		1,893.50		105.25			17,482.57
Midsex	Strathroy	10,550.00	779.88				250.00		4,229.00					20,475.40
Norfolk	Simcoe	14,529.00	324.36		4,417.57		2,269.54		3,941.68		448.95			20,475.40
Northumberland and Durham	Chubb	13,308.72	5,840.24	7.23	2,068.80		1,261.65		9,417.00	1,222.20				20,780.90
Ontario County	Whitby	13,408.13	3,305.30		1,713.94		1,930.36		4,165.00					34,225.84
Oxford	Woodstock	8,000.00	6,642.51				2,443.07		7,078.39		194.14			15,464.97
Peterborough	Brantford	6,805.23	614.75	163.46	1,388.94		908.50		4,162.72					18,955.72
Peterborough	Lakefield	11,927.55	779.30				173.00		1,166.32	192.50				14,135.60
Prince Edward	Orignal	3,213.23	881.38				64.82		3,492.00					5,113.74
Simcoe	Beech	11,500.06	3,349.02				3,177.64		4,565.00		1,014.16			16,558.93
Stromont, Dundas and Glengarry	Corvallis	16,880.83	8,676.66	121.00			285.83		6,166.50		290.33			9,048.40
Victoria	Lindsay	10,183.84	4,528.15		965.01		679.95		4,011.38	608.50				22,972.05
Walter	Kitchener	33,463.80	8,237.41	5,427.49			136.93		8,309.63		86.15			32,216.97
Wellington	Welland	11,102.07	578.14	75.00	1,718.59		1,436.44		3,000.00		75.35			21,076.67
Wentworth	Dundas	9,391.92	37.00		608.35		780.98		5,769.14				300.41	12,052.15
York	Newmarket	13,307.55	2,506.00						4,747.19					15,979.64
TOTALS		286,477.70	73,268.37	8,505.84	33,244.81	27,373.70	137,241.33	2,023.20	5,626.60	1,905.82	575,667.37			

FINANCIAL STATEMENT (Cont'd)
DISBURSEMENTS

NAME	LOCATION	BUILDINGS AND REPAIRS		CLOTHING, SHOES, ETC.		FARM GARDEN SUPPLIES, EQUIPMENT		FARM, FEED, STOCK, ETC.		FOOD AND PROVISIONS		FUEL AND HEATING		FUNERAL EXPENSES, RESIDENTS		HOUSE FURNISHINGS, BEDDING, LAUNDRY, ETC.		INSURANCE PREPAID OR UNEXPIRED		INTEREST, MORTGAGES, OVERDRAFTS, ETC.		LIGHT AND POWER		
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	
Brant	Brantford	654.10		401.56		769.23		4,178.18		1,333.21		212.38		402.41									190.87	
Bruce	Walkerton	972.87		689.07		3,093.50		4,233.85		1,340.19		326.48											322.16	
Elgin	St. Thomas	96.83		567.82		869.12		1,518.16		597.87		505.78											260.64	
Essex	Leamington	2,522.20		1,698.48		706.65		4,104.65		1,266.75		2,030.12											184.30	
Grey	Markdale	954.93		316.65		1,530.89		4,934.32		1,391.26		632.56											239.42	
Haldimand	Dunville	941.11		641.97		650.92		1,844.91		545.87		129.63											245.13	
Hastings	Belleville	800.99		637.53		394.69		6,503.68		1,176.31		2,328.59											204.21	
Huron	Clinton	2,239.66		562.24		1,508.19		6,908.29		1,139.44		585.22											622.61	
Kent	Chatham	1,211.35		342.21		142.84		4,746.94		2,109.25		2,328.59											287.81	
Lambton	Perth	764.25		1,110.89		300.18		4,939.39		910.08		583.99											172.62	
Leeds and Grenville	Athens	964.43		263.24		77.10		6,740.55		2,107.34		162.78											617.30	
Lincoln	St. Catharines	1,293.08		761.73		1,354.70		3,493.25		1,639.85		713.41											131.87	
Middlesex	Strathroy	300.30		315.76		602.90		3,369.21		1,811.32		86.00											400.72	
Norfolk	Simcoe	1,812.49		1,111.02		1,992.36		4,487.57		1,548.36		264.00											252.50	
Northumberland and Durham	Cobourg	1,576.63		1,020.60		526.61		7,234.96		1,275.94		128.00											1,212.66	
Ontario County	Whitby	4,192.68		1,388.92		2,157.55		11,831.63		2,981.96		300.00											450.52	
Oxford	Woodstock	376.00		250.37		2,764.59		4,397.61		1,969.33		249.00											372.49	
Peel and Halton	Brampton	2,025.31		1,601.81		759.41		4,178.23		1,816.94		200.50											315.18	
Peterborough	Stratford	1,325.78		1,399.43		872.50		4,566.00		1,316.38		225.00											464.90	
Prescott and Russell	Lakefield	183.74		109.03		320.07		988.50		860.65		85.56											184.79	
Prince Edward	L'Orignal	1,913.94		381.35		2,577.52		2,052.44		2,141.49		48.00											417.97	
Simcoe	Pictou	96.32		274.96		212.95		1,072.63		781.23		330.00											273.67	
Stormont, Dundas and Glengarry	Beeton	1,308.73		1,167.34		67.00		6,893.60		4,116.80		175.25											685.31	
Victoria	Cornwall	3,441.70		677.02		8.35		9,774.13		1,268.29		210.00											702.14	
Waterloo	Lindsay	1,026.20		511.43		797.17		6,355.74		1,733.21		249.50											455.58	
Welland	Kitchener	5,035.20		1,882.94		6,040.66		11,552.36		3,662.54		161.00											1,484.72	
Wentworth	Welland	1,575.05		808.92		714.09		482.01		2,175.67													608.35	
York	Fergus	559.97		321.66		102.86		756.54		814.95		332.90											205.79	
	Dundas	265.47		355.33		359.34		5,338.89		869.33		505.63											685.31	
	Newmarket	2,418.29		672.16		429.75		4,183.75		2,244.80		360.00											115.38	
	TOTALS	50,000.37		21,671.29		23,921.18		155,471.17		49,897.11		5,744.91		26,580.67		6,358.69		1,245.09						13,755.56

FINANCIAL STATEMENTS (Cont'd)
DISBURSEMENTS (Cont'd)

NAME	LOCATION	PHYSICIAN'S SALARY	DENTIST, DRUGS, SUPPLIES, SURGICAL OR MEDICAL SUPPLIES	PENSION REFUNDS		SALARIES—SUPERINTENDENT AND (OR) MATRON		STATIONERY, OFFICE SUPPLIES	TAXES	TELEPHONE, TELEGRAPH, FREIGHT, ETC.	WAGES—ALL EMPLOYEES, BOARD OF MANAGEMENT		WATER AND ICE	ALL OTHERS		CASH ON HAND, DEC. 31, 1941	TOTAL
				\$	c.	\$	c.				\$	c.		\$	c.		
Brant	Brantford	595.00	173.00			1,951.00		27.23		75.81	3,471.20		91.52	1,286.59		1,209.83	17,024.02
Bruce	Walkerton	227.50	327.17	216.81		1,318.56		77.07	8.83	85.94	1,883.60						16,077.25
Essex	St. Thomas	300.00	303.03	180.00		1,601.83		40.73		101.75	2,624.87		181.80	156.85			7,882.76
Grey	Leamington	300.00	365.61	3.87		1,433.74		37.59		103.02	2,098.04			356.34			18,671.06
Haldimand	Markdale	300.00	834.33	190.00		1,029.96		42.70		65.40	1,764.27		347.40				15,835.55
Hastings	Dunville	400.00	372.37	708.06		660.00		17.75		77.39	2,045.80			234.95			8,436.91
Huron	Bellefleur	360.00	168.80	467.00		1,300.00		12.45		55.74	1,384.20						19,351.42
Kent	Clinton	400.00	213.79	816.94		1,475.04		53.77		22.78	1,195.00						19,413.08
Lambton	Chatham	300.00	498.38	226.00		1,546.50		57.81	133.00	128.36	3,129.79		150.00			783.55	20,606.97
Lanark	Sarnia	400.00	305.45	37.75		1,108.27		10.26		85.61	1,670.65						12,339.20
Leeds and Grenville	Athens	255.00	210.18	184.05		1,000.00		58.15		113.20	3,023.30						12,219.95
Lincoln	St. Catharines	200.00	274.83	31.99		1,400.00				22.64	2,129.79						17,482.57
Middlesex	Strathroy	240.00	278.17			2,708.32				11.16	1,070.65						11,931.00
Norfolk	Simcoe	300.00	1,148.45	42.74		1,500.00		30.60		113.20	3,023.30						20,475.00
Northumberland and Durham	Cobourg	300.00	325.95			1,500.00		10.85		145.79	3,046.46		247.79	69.85			20,780.90
Ontario County	Whitby	611.63	521.50	1,042.89		1,500.00		63.35		90.98	1,737.41						34,225.84
Oxford	Woodstock	300.00	82.58	224.00		1,870.00		63.35	55.44	95.49	1,360.06		305.87	404.73			18,955.72
Peel and Halton	Brampton	400.00	246.34	67.71		1,870.00		27.01		65.20	955.51			8.00			14,195.60
Peterborough	Lakeland	189.32	352.30	106.00		790.00					832.54		36.48	478.61			14,195.60
Prescott and Russell	L'Orignal	200.00	110.15			1,200.00		87.52		76.67	4,453.80			306.23			5,113.74
Prince Edward	Pictou	350.00	177.08			1,500.00				42.08	1,816.88		3.00	60.79			16,538.93
Simcoe	Beeton	270.00	13.40	721.47		1,900.00		7.00	68.95	133.64	1,943.91		342.00	83.49			9,048.40
Stornont, Dundas and Glengarry	Cornwall	225.00	231.21	530.10		1,995.10		58.44		37.80	2,556.52			948.05			22,372.05
Victoria	Lindsay	270.00	258.10			1,200.00		.90		291.47	2,028.46		306.05	2,098.50			32,216.97
Welland	Kirklester	600.00	2,070.07	1,143.00		2,300.00		150.55	588.21	140.76	12,441.84		685.53	594.11		998.05	21,076.67
Wellington	Welland	175.00	260.92	100.00		1,000.00		23.85		158.77	2,740.85		112.48				55,433.27
Wentworth	Pergus	300.00	214.70	341.29		1,200.00		60.60		125.88	3,840.69		453.52				16,610.73
York	Dundas	500.00	230.60			1,200.00				81.92	3,840.69			1,938.44			15,979.64
	Newmarket	500.00	851.48			2,010.84		90.08		189.62	3,834.95						21,316.20
TOTALS		10,199.05	11,716.85	7,471.67	45,409.20	1,124.76	874.43	2,895.49	4,032.71	11,182.84	5,437.32	575,667.37					

STATISTICAL REPORT

NAME	LOCATION	NUMBER RESIDENTS, JAN. 1, 1941	NUMBER OF ADMISSIONS	TOTAL ADMISSIONS INCLUDING JAN. 1	NUMBER DISCHARGED, 1941	NUMBER DEATHS	NUMBER RESIDENTS, DEC. 31, 1941	AVERAGE NUMBER RESIDENTS, 1941	NUMBER RESIDENTS, 1941			NUMBER PAYING RESIDENTS	NUMBER PAID BY MUNICIPALITIES	NUMBER UNDER RESIDENTS	NUMBER PENSIONERS	RESIDENTS' STAY, NON-PERSON-DAYS
									MALE	FEMALE	TOTAL					
Brant	Brantford	84	32	116	20	7	89	86	77	39	2	72	48	42	19,966	
Bruce	Walkerton	58	19	77	6	5	55	55	41	36	3	38	7	26	13,382	
Elgin	St. Thomas	40	6	46	6	8	32	30	31	15	1	38	7	14	10,404	
Essex	Leamington	76	31	107	16	12	79	80	79	28	7	86	80	7	25,259	
Grey	Markdale	81	18	99	13	10	70	75	52	47	9	71	28	20,411		
Haldimand	Dunnville	6	6	43	2	4	37	35	25	18	2	32	9	9	10,167	
Hastings	Belleville	37	24	115	21	15	79	84	77	43	4	75	69	36	21,062	
Huron	Clinton	95	12	107	1	12	74	83	80	40	14	90	90	26	26,269	
Kent	Chatham	78	13	117	21	18	84	84	81	37	2	52	52	10	23,728	
Lambton	Sarnia	57	7	64	5	3	59	66	47	42	9	43	34	40	23,359	
Lanark	Perth	94	32	126	15	13	98	94	94	42	17	64	64	19	9,317	
Leeds and Grenville	Athens	41	14	55	5	7	43	39	41	14	1	55	47	20	15,851	
Lincoln	St. Catharines	56	24	80	18	7	71	70	56	27	2	13	82	7	25,748	
Middlesex	Strathroy	76	15	91	6	7	78	70	64	30	2	69	69	21	19,174	
Norfolk	Simcoe	68	24	92	18	6	68	68	62	30	2	92	92	21	19,174	
Northumberland and Durham	Cobourg	97	31	128	6	16	106	92	66	62	1	101	101	26	26,693	
Ontario County	Whitby	126	40	166	25	23	118	121	119	47	4	107	107	50	30,899	
Oxford	Woodstock	17	17	89	10	11	68	69	60	25	0	5	55	25	18,120	
Peel and Halton	Brampton	102	30	132	12	10	110	132	82	50	12	78	42	42	26,636	
Peterborough	Stratford	73	17	90	8	7	75	77	59	31	5	2	57	26	18,869	
Lakefield	Lakefield	14	12	26	3	5	15	15	20	14	1	2	11	11	3,225	
Prescott and Russell	L'Orignal	60	7	67	10	2	55	55	33	37	67	67	67	15	15,564	
Prince Edward	Pictou	56	13	69	9	11	49	97	42	97	69	69	46	23	13,853	
Simcoe	Beeton	111	27	138	25	14	99	112	107	31	13	106	106	19	35,190	
Stormont, Dundas and Glengarry	Cornwall	92	12	104	7	10	87	99	68	36	104	74	74	29	26,018	
Victoria	Lindsay	69	17	86	10	5	71	72	64	22	86	7	50	26	17,744	
Waterloo	Kitchener	185	34	219	15	23	181	186	154	63	7	7	158	54	51,185	
Welland	Welland	70	14	84	8	4	72	89	63	21	7	10	60	14	20,195	
Wellington	Fergus	83	15	98	11	7	80	88	48	53	4	2	58	31	20,655	
Wentworth	Dundas	58	17	75	8	9	58	58	48	27	75	49	49	22	17,437	
York	Newmarket	76	22	98	15	4	79	83	73	25	2	71	71	25	22,570	
TOTALS		2,376	602	3,004	369	286	2,349	2,378	1,984	1,020	119	350	1,751	761	6,16,308	

STATISTICAL REPORT (Cont'd)

NAME	LOCATION	RESI- DENTS DAYS STAY. PERSON- SERS	TOTAL DAYS STAY	NUMBER BEDS IN DORMI- TORY	NUMBER BEDS MADE UP	NUMBER PROTES- TANTS	NUMBER CATHO- LICS	OTHER RELI- GIONS OR NOT KNOWN	CANA- DIAN	ENGLISH	IRISH	SCOTCH	UNITED STATES	ALL OTHERS	AVERAGE COST PER DIEM PER RESI- DENT
															\$ c.
Brant	Brantford	11,349	31,345	90	89	105	11	.....	80	24	3	1	1	7	0.54
Bruce	Walkerton	6,822	20,204	65	55	67	10	.....	69	6	1	.....	.....	1	0.80
St. Thomas	St. Thomas	1,868	12,272	50	40	46	.....	.....	34	8	.....	2	.....	1	0.64
Essex	Leamington	3,802	23,061	82	82	74	31	2	82	9	3	4	4	8	0.64
Grey	Markdale	8,049	28,160	82	76	90	5	4	80	11	4	2	1	1	0.56
Haldimand	Dunnville	2,631	12,858	44	44	40	3	.....	37	3	.....	.....	1	2	0.65
Hastings	Belleville	9,598	30,660	106	95	98	17	36	110	5	.....	3	2	1	0.63
Huron	Clinton	7,595	33,865	100	99	66	5	10	94	5	2	.....	.....	1	0.77
Kent	Chatham	6,778	30,906	100	78	81	26	3	95	7	2	4	1	8	0.63
Lambton	Sarnia	3,210	20,538	60	60	59	3	2	53	8	.....	.....	4	2	0.61
Lanark	Perth	10,864	34,223	110	98	96	30	1	104	10	3	2	4	2	0.80
Leeds and Grenville	Athens	4,917	14,234	65	63	51	3	31	41	4	5	.....	.....	3	0.60
Lincoln	St. Catharines	5,283	21,134	65	63	44	5	.....	72	17	3	.....	7	3	0.83
Middlesex	Strathroy	2,146	27,894	125	84	91	.....	.....	50	16	.....	.....	3	4	0.43
Norfolk	Simcoe	5,071	23,845	68	68	85	6	1	83	.....	.....	.....	6	6	0.83
Northumberland and Durham	Cobourg	6,804	33,497	90	97	92	5	31	65	26	15	17	.....	5	0.62
Ontario County	Whitby	13,319	44,218	134	130	140	26	.....	125	24	.....	.....	1	12	0.78
Oxford	Woodstock	7,077	23,197	70	68	85	4	.....	59	21	.....	4	1	2	0.62
Peel and Halton	Brampton	12,429	39,065	110	110	119	8	5	75	34	3	6	8	6	0.49
Perth	Stratford	7,665	26,531	70	75	83	7	.....	75	8	.....	.....	1	5	0.53
Peterborough	Lakefield	2,365	5,990	45	45	25	.....	.....	22	2	.....	1	.....	.....	0.94
Prescott and Russell	L'Orignal	4,490	20,054	60	55	3	64	.....	67	.....	.....	.....	.....	.....	0.83
Prince Edward	Pictou	9,927	20,780	64	60	63	6	.....	65	.....	.....	.....	.....	.....	0.44
Simcoe	Bretton	5,619	40,869	113	110	126	12	.....	79	4	13	27	.....	1	0.56
Stormont, Dundas and Glengarry	Cornwall	10,060	36,078	100	94	77	27	.....	94	.....	.....	.....	2	2	0.89
Victoria	Lindsay	7,989	25,433	87	71	78	8	.....	71	13	3	.....	1	1	0.80
Waterloo	Kitchener	10,751	67,936	188	188	154	54	11	166	19	3	3	3	23	0.82
Welland	Welland	4,039	24,234	70	70	68	13	3	51	9	.....	.....	1	18	0.69
Wellington	Perigo	9,557	30,212	65	80	87	11	.....	80	2	.....	2	1	3	0.40
Dundas	Dundas	2,238	24,675	58	58	67	8	.....	37	31	.....	.....	.....	6	0.65
Wentworth	Wentworth	7,730	30,500	100	100	93	5	.....	85	9	.....	.....	2	2	0.65
York	Newmarket	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.71
TOTALS		220,403	866,711	2,038	2,485	2,453	414	137	2,301	365	74	89	38	136	0.67

FINANCIAL STATEMENT (Cont'd)
DISBURSEMENTS

NAME	LOCATION	BUILDINGS AND REPAIRS		CLOTHING, SHOES, ETC.		FARM, GARDEN SUPPLIES, EQUIP-MENT		FARM, FEED, STOCK, ETC.		FOOD AND PROVISIONS		FUEL AND HEATING		FUNERAL EXPENSES, RESIDENTS		HOUSE FURNISHINGS, BEDDING, LAUNDRY, ETC.		INSURANCE, PREPAID OR UN-EXPIRED		MORTGAGES, OVER-DRAFTS		LIGHT AND POWER		PHYSICIAN'S SALARY	
		\$	c	\$	c	\$	c	\$	c	\$	c	\$	c	\$	c	\$	c	\$	c	\$	c	\$	c	\$	c
I.O.O.F. Home	Barrie	2,316.14	16.00							6,152.10		1,788.36		2,013.96		379.83		294.27		71.93		540.00			
Home of the Aged	Belleville	747.83	53.41	4.58						1,133.21		339.40		555.89		61.39		71.93		12.31					
St. Joseph's Villa	Blind River	1,029.66	36.80							1,213.38		186.29		79.52				143.53		17.3					
The Widows' Home	Brantford	2,706.57								7,118.24		390.13		307.36		39.12		187.70							
Home for the Friendless	Charlton	656.68	103.99	29.83						2,264.16		741.39		651.51				101.06							
St. Paul's Home	Charlton	678.54	201.43						51.35	2,044.97		674.15		6.00				60.00							
House of Providence	Dundas	2,580.72	1,040.69						803.20	4,522.06		2,415.18		27.00				963.93							
The Elliott Home	Dundas	356.80								1,438.79		873.48		1,190.03				421.96							
House of Providence	Guelph	2,507.78	151.74	50.77						4,945.73		755.58		46.00				162.31							
Aged Women's Home	Guelph	1,093.05	25.59	2.25						4,262.72		1,656.62		46.00				441.55							
Home for Aged and Infirm	Hamilton	2,941.69	386.72	102.15						6,673.31		5,894.08		345.86				1,146.86							
House of Providence	Kingston	2,937.49	2,041.84	427.34					20.33	25,911.17		4,498.47		783.00				2,142.94							
House of Refuge	Kingston	2,938.84	269.11	84.54						3,428.11		1,044.06		783.00				1,146.86							
House of Providence	London	919.59	181.16	819.75						19,137.84		3,106.36		96.75				506.87							
The McCormick Home	London	1,572.19	154.00	48.11						7,391.96		1,559.16		96.75				625.73							
Bronson Memorial Home	Ottawa	267.00	31.45							2,816.92		1,283.66		96.75				307.51							
May Court Convalescent Home	Ottawa	236.19								110.80		589.95		96.75				317.97							
Good Shepherd Refuge	Ottawa	124,520.12	2,027.73	110.80						7,663.09		3,337.60		556.52				1,005.34							
Protestant Home for Aged	Ottawa	3,419.31	117.84	14.54						1,794.33		6,695.11		100.00				1,439.33							
St. Charles' Home	Ottawa	3,312.55	572.58						1213.62	42,124.45		1,392.98		78.00				2,051.41							
The Anson House	Ottawa	834.20	53.92						210.66	6,141.78		1,252.17		78.00				806.81							
House of Providence	Peterborough	672.96	152.50	18.87						3,541.91		1,980.93		78.00				253.97							
St. Joseph's Manor	Port Arthur	475.34	25.99	59.39						4,718.05		938.62		33.40				262.81							
Thomas Williams Home	St. Thomas	690.12	100.12	16.91						2,141.70		318.00		120.00				258.10							
Good Shepherd Refuge	Sudbury	55,778.44	229.22							796.10		440.70		120.00				1,535.67							
Aged Men's Home (Tweedsmuir)	Toronto	3,069.59	6.00							6,593.57		843.25		2,646.45				388.58							
Aged Women's Home (Belmont)	Toronto	1,410.77	107.53	6.35						12,599.14		1,369.10		751.33				1,306.33							
Church Women's Home (Ewart)	Toronto	1,129.99	238.06							6,404.93		2,398.81		2,673.03				388.58							
Good Shepherd Refuge	Toronto	5,745.71	1,977.56							16,467.32		6,177.81		2,955.00				1,183.10							
House of Providence	Toronto	2,424.81	889.80							3,084.34		6,177.81		2,955.00				3,114.33							
House of Industry	Toronto	3,229.11	3,488.06	10,390.84						60,364.66		11,427.85		2,550.00				332.79							
Jewish Old Folks' Home	Toronto	1,021.57	186.82							6,910.63		1,165.00		666.34				1,723.56							
St. Mary's Rest Home	Toronto	1,084.41								13,821.74		2,702.01		55.00				620.90							
Salvation Army Eventide Home	Toronto	1,545.00								3,285.44		1,106.53		55.00				1,077.69							
Salvation Army Receiving Home	Toronto	1,500.00								8,528.52		1,050.00		331.20				368.14							
Good Shepherd Refuge	Toronto	1,612.50	960.32	2,126.38						1,722.26		1,007.60		978.60				329.11							
The Homestead	Windsor	940.81	95.39							1,701.57		501.70		951.84				90.00							
TOTALS		238,679.70	17,481.18	15,720.33					2,229.16	354,036.71		79,432.99		2,284.92				28,150.51							
Algoma District Refuge	Sault Ste. Marie	945.12	508.64	1,224.19						8,359.70		2,453.06		77.00				897.26							
Nimissing District Refuge	North Bay	157.57	411.28	191.01						3,592.50		960.64		180.00				1,165.59							
Parry Sound District Refuge	Powassan	93.84	239.05	99.58						2,917.47		408.00		425.00				473.65							
TOTALS		1,196.53	1,158.97	1,514.78					206.78	14,869.67		3,821.70		692.00				2,539.51							
TOTALS		2,618,518.43	1,015,118.97	1,015,118.97					1,015,118.97	10,151,189.48		2,618,518.43		1,015,118.97				1,015,118.97							

FINANCIAL STATEMENTS (Cont'd)
DISBURSEMENTS (Cont'd)

NAME	LOCATION	DENTIST, DRUGS, SPIRITS, SURGICAL OR MEDICAL SUPPLIES		PENSION REFUNDS		SALARIES—SUPERINTENDENT AND MAJOR		STATION-OFFICE SUPPLIES		TAXES		TELEPHONE, TELEGRAPH, ETC.		WAGES—ALL EMPLOYEES, BOARD OF MANAGEMENT		WATER AND ICE		ALL OTHERS		DEPRECIATION—BUILDING, UNCOLLECTIBLE ACCOUNTS		CASH ON HAND, DEC. 31, 1941		TOTAL		
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.		\$	c.
I.O.O.F. Home.....	Barrie	1,034.54				1,706.32		158.16		720.51		225.60		7,375.29		232.34		12,710.33		6,359.73				44,092.48		
Home of the Aged.....	Belleville	25.88		223.00		600.00				43.06		47.17		247.72		31.22		17.07					1,330.46	4,202.76		
St. Joseph's Villa.....	Blind River	46.80		18.89		920.00				320.43		16.65		145.00		12.00		29.99		255.52			37.25	5,660.70		
The Widows' Home.....	Brantford	128.62		216.00		600.00		15.45		9.23		44.40		560.34				71.17				1,654.96	8,628.77			
Home for the Friendless.....	Chatham	59.16		219.00		950.00		76.32		47.84		54.60		354.00				210.18		7,759.03			22,920.77			
St. Paul's Home.....	Cornwall	232.00				900.00		23.54				245.30		6,626.34		66.77		1,289.68		6,720.00			44,353.20			
House of Providence.....	Dundas	421.16				1,500.00		177.60				69.34		3,142.21		32.76		94.53		1,574.82			15,739.85			
The Elliott Home.....	Guelph	10.93				1,000.00		42.08						6,316.49				6.95		1,507.50			19,330.64			
House of Providence.....	Guelph	178.06		407.36		1,000.00		10.15				95.40		1,760.44		250.45		158.15		187.69			57,684.89			
Aged Women's Home.....	Hamilton	77.26				900.00		43.05						19,172.47		1,260.60		187.69		2,315.05			66,818.52			
Home for Aged and Infirm.....	Hamilton	107.14		1,305.71		1,678.08		26.56		520.20		168.86		13,167.25		238.60		2,437.47		1,186.79			45,394.60			
House of Providence.....	Kingston	1,283.11		551.98		1,500.00		1,900.38		34.88		49.70		1,150.00		50.50		257.47					105.17	10,203.14		
House of Refuge.....	Kingston	61.90		26.67		1,000.00		4.35		231.52		113.15		11,587.35		38.39		77.32		4,980.19			634.04	9,668.10		
House of Providence.....	London	187.14				1,500.00		120.40						11,428.39		323.73		123.10		744.30				107,058.76		
The McCormick Home.....	London	45.37				1,100.00		153.03		228.30		81.00		1,273.70		73.24		18.20						8,066.67		
Bronson Memorial Home.....	Ottawa	1,463.18				1,200.00		236.15		324.16		120.23		1,525.64				3,343.34		10,886.84			12,166.35			
May Court Convalescent Home.....	Ottawa	16.10		388.26		500.00		163.63		76.10		76.35		1,214.11		60.00		422.38		3,184.95				23,438.75		
Good Shepherd Refuge.....	Ottawa	363.04				2,000.00		172.04				351.13		25,963.08		2,163.97		375.79		970.00				12,835.72		
St. Charles' Home.....	Ottawa	118.21		1,045.50		1,900.00		145.09		392.36		92.73		3,247.76		183.77		360.57					11.32	27,811.71		
The Anson House.....	Ottawa	110.31				1,740.00		32.76				67.20		2,229.76		178.55		730.50					41.82	63,041.30		
St. Patrick's Home.....	Peterborough	257.31		962.60		1,400.00		32.76				223.49		6,383.75		223.56		334.74		1,731.60			1,393.49	22,915.54		
House of Providence.....	Peterborough	60.76		647.80		1,040.00		53.24				77.78		1,022.70		134.12		834.74					326.47	13,811.30		
St. Joseph's Manor Home.....	Port Arthur	265.03		75.00		1,000.00		139.61		2.90		60.00		1,145.11				6.25					856.08	7,147.91		
Good Shepherd Refuge.....	Sudbury	16.89				1,000.00		138.00				111.52		608.50				184.88						63,991.78		
Aged Men's Home (Weedsmuir).....	Toronto	147.95				1,080.00		111.11				130.79		7,363.23		157.54		193.94		10,886.84			23,589.14			
Aged Women's Home (Belmont).....	Toronto	216.32				1,320.00		85.94				154.59		14,823.55		350.59		375.79		3,184.95				8,066.67		
Aged Women's Home (Ewart).....	Toronto	134.05				1,080.00		172.94				135.52		9,093.78		283.40		360.57					11.32	27,811.71		
Church Home for Aged.....	Toronto	91.90				600.00		23.15				189.37		6,513.08		154.91		752.51					41.82	20,304.16		
Good Shepherd Refuge.....	Toronto	767.38				1,200.00		100.14				354.67		16,846.60		1,585.46		730.50		970.00				63,041.30		
The Haven.....	Toronto	74.89				8,201.83		52.62				345.87		17,778.71		106.85		6.25						19,774.45		
House of Providence.....	Toronto	2,042.82				2,500.00		335.80		29.30		349.83		25,278.31		2,165.82		334.74		1,731.60				143,563.59		
House of Industry.....	Toronto	83.82				2,080.00		1,315.89				109.21		4,492.32		429.47		832.87					4,251.54	24,516.11		
Jewish Old Folks' Home.....	Toronto	23.25				1,200.00		22.10		217.06		127.13		12,661.39		96.11		428.47						41,365.09		
Julia Greenshields Home.....	Toronto	25.42				1,118.00		44.05				116.01		3,170.27		76.11		526.54		10,886.84				12,932.97		
St. Mary's Rest Home.....	Toronto	9.16				500.00		48.19				95.43		3,018.63		121.64		193.55		270.30			290.68	10,403.32		
Salvation Army Eventide Home.....	Toronto	54.40				500.00		77.85				125.39		2,019.92		58.67		68.97					3.50	14,019.89		
Salvation Army Receiving Home.....	Toronto	269.97				500.00		8.36				91.25		1,899.40		47.47		461.41						7,119.67		
Good Shepherd Refuge.....	Windsor	44.79				1,116.16		278.81		20.53		60.70		923.30		78.57		215.00		7,841.32				7,964.42		
The Homestead.....	Windsor					3,897.08		278.81		20.53		60.70		923.30		78.57		215.00		7,841.32				287.05	25,793.03	
TOTALS.....		12,281.08		6,027.68		49,805.98		6,506.72		3,666.14		5,693.99		265,018.71		12,402.46		27,800.17		71,245.51				16,294.63	1,330,205.08	
Algoma District Refuge.....	Sault Ste. Marie	883.28		689.00		1,403.25		72.31				45.27		5,409.60				186.37							30,640.37	
Nipissing District Refuge.....	North Bay	152.93		177.00		1,293.83		137.91		20.53		78.79		1,326.44		201.24		239.14		1,534.16					13,127.49	
Parry Sound District Refuge.....	Powassan	279.31		249.56		1,200.00		68.59				43.19		1,703.30				425.51							10,187.49	
TOTALS.....		1,315.52		1,116.16		3,897.08		278.81		20.53		167.25		8,529.34		201.24		425.51		3,688.26						3,618.65

STATISTICAL REPORT

NAME	LOCATION	NO. RESIDENTS, JAN. 1, 1941	NO. ADMIS- SIONS, JAN. 1, 1941	TOTAL ADMIS- SIONS INCLU- DING JAN. 1, 1941	NO. DIS- CHARGED, 1941	NO. DEATHS, DEC. 31, 1941	AVER- AGE NO. RESI- DENTS, 1941	NUMBER RESIDENTS, 1941			NO. PAYING RESI- DENTS	NO. PAID BY MUNICI- PALITIES	NO. FREE RESI- DENTS	NO. PEN- SIONERS	RESI- DENTS' DAYS' NON- PEN- SIONERS
								MALE	FEMALE	TOTAL					
I.O.O.F. Home	Barrie	38	2	40	1	3	38	29	11	40	.....	17	23	5,942
Home of the Aged	Bellefleur	16	1	20	1	2	17	14	6	20	.....	9	11	2,335
St. Joseph's Villa	Blind River	1	32	33	7	4	22	21	12	33	8	7	17	1,914	
The Widows' Home	Brantford	15	3	18	1	2	15	15	18	18	3	7	8	2,998	
Home for the Friendless	Chatham	24	14	38	8	8	30	25	28	38	1	23	14	5,828	
St. Paul's Home	Cornwall	94	44	138	24	18	96	89	74	138	22	57	58	18,877	
House of Providence	Dundas	114	60	174	44	18	112	110	79	174	62	60	52	28,090	
The Elliott Home	Guelph	34	8	32	9	2	36	22	6	32	31	1	1	7,862	
House of Providence	Guelph	39	14	53	15	2	36	35	37	53	11	9	30	5,493	
Aged Women's Home	Hamilton	51	2	53	.....	.....	51	51	53	53	.....	.....	.....	18,726
Home for Aged and Infirm	Hamilton	208	82	290	57	19	214	208	179	290	45	208	59	60,347	
House of Providence	Kingston	185	162	347	136	19	192	188	218	347	93	106	103	48,190	
House of Providence	Kingston	32	19	51	18	1	32	32	23	51	5	17	10	9,288	
House of Providence	London	176	77	253	60	22	171	166	104	253	63	94	93	38,377	
The McCormick Home	London	84	37	121	32	6	83	82	49	121	19	26	1	11,309	
Bronson Memorial Home	Ottawa	26	10	36	7	.....	29	25	.....	36	36	.....	.....	9,115
May Court Convalescent Home	Ottawa	10	157	167	157	.....	10	105	.....	167	125	2	40	3,293
Good Shepherd Refuge	Ottawa	94	128	222	106	.....	116	105	.....	222	5	20	191	37,148
Protestant Home for Aged	Ottawa	35	17	52	16	.....	36	32	52	52	8	6	14	6,368
St. Charles' Home	Ottawa	321	185	506	121	69	316	316	261	506	32	33	240	60,374	
The Anson House	Ottawa	117	33	150	22	15	114	113	78	150	91	4	53	26,359	
St. Patrick's Home	Ottawa	34	34	68	33	1	34	35	15	68	23	4	5	5,959	
House of Providence	Peterborough	67	33	100	12	14	74	70	59	100	19	3	26	12,274	
St. Joseph's Manor	Port Arthur	48	38	86	19	5	62	56	59	86	6	3	27	8,381	
Thomas Williams Home	St. Thomas	23	8	31	5	1	25	25	14	31	4	9	18	3,808	
Good Shepherd Refuge	Sudbury	24	24	48	12	.....	24	6	24	24	.....	7	17	2,061
Aged Men's Home (Tweedsmuir)	Toronto	58	12	70	5	7	58	58	70	70	29	17	34	10,873	
Aged Women's Home (Belmont)	Toronto	119	19	138	7	12	119	119	138	138	54	11	73	20,317	
Church Home for Aged	Toronto	61	16	77	11	7	59	60	77	77	44	1	20	16,162	
Good Shepherd Refuge	Toronto	42	23	65	19	2	44	43	65	65	40	2	23	10,049	
House of Providence	Toronto	159	74	233	84	3	143	153	230	230	.....	.....	.....	52,942
House of Providence	Toronto	67	42	89	33	.....	66	66	89	89	.....	89	.....	17,922
House of Industry	Toronto	168	77	245	66	22	157	160	145	245	17	181	47	47,095	
Jewish Old Folks' Home	Toronto	98	22	120	22	95	98	98	120	120	25	12	45	24,321	
Julia Greenshields Home	Toronto	30	4	34	3	1	30	29	34	34	34	.....	.....	10,305
St. Mary's Rest Home	Toronto	31	30	61	25	.....	36	33	60	60	60	.....	.....	33
Salvation Army Eventide Home	Toronto	61	45	106	44	4	58	56	106	106	45	2	7	10,785	
Salvation Army Receiving Home	Toronto	14	480	494	479	1	15	15	480	480	97	297	.....	5,378
Salvation Army Rescue Home	Toronto	36	134	170	147	.....	22	29	35	170	48	7	.....	10,385
Good Shepherd Refuge	Windsor	28	19	47	13	.....	34	30	47	47	.....	.....	.....	10,937
The Homestead	Windsor	24	13	33	11	.....	22	22	16	33	.....	.....	8	5,959
TOTALS		3,470	3,239	6,709	2,814	374	3,441	2,991	3,718	6,709	1,418	800	1,701	880,143	
Algoma District Refuge	Sault Ste. Marie	99	18	117	27	1	83	92	23	117	1	2	32	24,881	
Nipissing District Refuge	North Bay	39	19	58	7	9	42	38	49	58	4	11	20	8,977	
Parry Sound District Refuge	POWASSAU	39	13	52	9	7	36	35	39	52	3	2	14	9,432	
TOTALS		177	40	227	43	17	156	180	47	227	8	15	138	40,293	

STATISTICAL REPORT (Cont'd)

NAME	LOCATION	RESI- DENTS' DAYS' STAY. PENSION- ERS	TOTAL DAYS' STAY	No. BEDS IN DORMI- TORY	No. BEDS MADE UP	No. PROTES- TANTS	No. CATH- OLICS	OTHER RELI- GIONS OR NOT KNOWN	CANA- DIAN	ENG- LISH	IRISH	SCOTCH	UNITED STATES	ALL OTHERS	AVER. COST PER DIEM PER RESI- DENT
															\$ c.
I.O.F. Home.....	Barrie.....	8,042	13,984	60	38	40	28	7	2	2	1	3.33
Home of the Aged.....	Belleville.....	3,220	5,855	17	17	18	2	.....	26	2	2	1	.....	3.72
St. Joseph's Villa.....	Blind River.....	2,033	3,947	29	15	7	25	1	26	2	2	1	.....	1.42
The Widows' Home.....	Brantford.....	2,399	5,397	16	15	18	.....	.....	15	2	2	1	.....	1.11
Home for the Friendless.....	Chatham.....	3,400	9,228	36	36	31	6	1	68	5	5	1	.....	1.95
St. Paul's Home.....	Charnwall.....	13,685	32,562	100	96	3	135	.....	139	19	46	1	.....	1.71
House of Providence.....	Dundas.....	11,973	40,063	170	145	8	166	.....	28	12	10	1	.....	1.11
The Elliott Home.....	Dundas.....	254	8,116	28	26	32	.....	.....	28	4	.....	.....	.....	1.68
House of Providence.....	Guelph.....	7,165	12,658	43	37	10	43	.....	44	3	1	.....	.....	1.41
Aged Women's Home.....	Hamilton.....	18,726	43,371	51	51	53	.....	.....	25	19	6	2	.....	1.84
Home for Aged and Infirm.....	Hamilton.....	15,464	76,011	220	220	236	50	4	165	7	23	5	30	1.76
House of Providence.....	Kinston.....	20,342	68,532	220	200	103	244	278	29	10	1	7	1.98
House of Refuge.....	Kingston.....	2,286	11,554	48	40	48	3	.....	15	12	13	.....	.....	1.88
House of Providence.....	London.....	22,306	60,883	200	200	7	242	4	248	2	1	.....	.....	1.75
The McCormick Home.....	London.....	18,439	29,748	100	83	117	3	1	75	37	1	.....	.....	1.06
Bronson Memorial Home.....	Ottawa.....	.....	9,115	29	29	36	.....	.....	31	2	1	.....	.....	1.74
May Court Convalescent Home.....	Ottawa.....	.....	3,293	18	18	112	49	.....	6	20	3	.....	.....	2.21
Good Shepherd Refuge.....	Ottawa.....	1,032	3,810	200	84	1	221	6	221	1	.....	.....	.....	1.12
Protestant Home for Aged.....	Ottawa.....	5,458	11,826	44	44	52	.....	.....	23	23	3	.....	.....	1.69
St. Charles' Home.....	Ottawa.....	54,654	115,228	328	13	13	492	1	487	9	2	3	4	1.98
St. Patrick's Home.....	Ottawa.....	14,511	41,070	119	114	2	148	.....	115	13	4	.....	.....	1.57
The Anson House.....	Ottawa.....	6,703	12,662	42	42	68	.....	.....	34	30	2	.....	.....	1.01
House of Providence.....	Peterborough.....	13,298	25,572	74	74	2	98	.....	95	54	2	.....	.....	1.90
St. Joseph's Manor.....	Port Arthur.....	11,918	20,499	76	62	43	43	.....	54	11	6	.....	.....	1.68
Thomas Williams Home.....	St. Thomas.....	5,272	9,080	28	25	31	.....	.....	18	11	1	.....	.....	1.79
Good Shepherd Refuge.....	Sudbury.....	.....	2,061	36	20	1	23	.....	24	.....	.....	.....	.....	2.45
Aged Men's Home (Tweedsmuir).....	Toronto.....	10,268	21,141	58	58	70	.....	.....	28	28	6	.....	.....	1.12
Aged Women's Home (Belmont).....	Toronto.....	22,932	43,349	119	119	138	.....	.....	72	7	11	.....	.....	1.92
Aged Women's Home (B'wart).....	Toronto.....	5,671	21,833	60	59	77	.....	.....	27	9	3	.....	.....	1.27
Church Home for Aged.....	Toronto.....	5,502	15,551	45	45	65	.....	.....	31	17	3	.....	.....	1.30
Good Shepherd Refuge.....	Toronto.....	.....	55,942	170	150	3	227	.....	230	27	5	.....	.....	1.13
The Haven.....	Toronto.....	.....	17,922	58	58	78	10	1	86	.....	.....	.....	.....	1.11
House of Providence.....	Toronto.....	49,038	221,016	661	661	629	994	4	1,123	104	46	27	87	1.65
House of Industry.....	Toronto.....	11,179	58,274	178	170	226	19	.....	118	12	15	.....	.....	1.16
Jewish Old Folks' Home.....	Toronto.....	11,271	35,592	120	120	.....	.....	120	.....	.....	.....	.....	.....	1.22
Julia Greenshields Home.....	Toronto.....	.....	10,505	30	30	34	.....	.....	20	9	4	.....	.....	1.87
St. Mary's Rest Home.....	Toronto.....	1,399	12,194	36	36	53	.....	.....	43	3	3	.....	.....	1.75
Salvation Army Eventide Home.....	Toronto.....	10,921	20,310	66	66	102	4	7	58	28	11	.....	.....	1.30
Salvation Army Receiving Home.....	Toronto.....	5,478	21	21	426	66	2	386	7	29	14	18	1.75
Salvation Army Rescue Home.....	Toronto.....	.....	10,485	38	38	166	2	2	137	9	16	.....	.....	2.36
Good Shepherd Refuge.....	Windsor.....	1,906	10,957	40	40	.....	47	1	45	2	.....	.....	.....	1.64
The Homestead.....	Windsor.....	7,865	29	22	22	26	2	1.10
TOTALS.....		373,921	1,254,064	4,061	3,772	3,181	3,373	155	4,884	850	260	285	76	354	1.10
Algonia District Refuge.....	Sault Ste. Marie.....	8,239	30,123	92	92	61	49	7	93	1.90
Nipissing District Refuge.....	North Bay.....	4,725	13,702	47	47	35	23	4	4	1	1.55
Parry Sound District Refuge.....	Powassan.....	3,475	12,907	36	36	41	11	36	2	2	1.80
TOTALS.....		16,439	56,732	188	175	137	83	7	176	8	2	4	10	27	1.88

SOLDIERS' AID COMMISSION SERVICE

April 1, 1941, to March 31, 1942

STATISTICAL REPORT

MONTH	A	B	C	D	E	F	G	TOTAL
	CHILD WELFARE	No. 2 Acc't	HALES, SCOTT, THOMP- SON, McNAB ESTATES	No. 8 Acc't	CANTEEN FUND	EMPLOY- MENT, PENSION AND SERVICE	MISC.	
1941								
April.....	7	67	6	11	21	51	157	320
May.....	8	57		14	21	54	163	317
June.....	2	77	2	11	21	59	197	369
July.....	1	60	3	20	12	57	150	303
August.....	3	52	1	9	19	54	173	311
September.....	1	55	4	8	22	42	157	289
October.....	11	80	10	21	13	61	150	346
November.....	3	77	9	20	15	50	156	330
December.....	1	77	7	72	21	67	167	412
1942								
January.....	5	98	2	36	27	55	172	395
February.....	5	76	4	23	15	52	115	290
March.....	3	100	1	29	18	53	144	348
TOTALS.....	50	876	49	274	225	655	1,901	4,030

NOTE

- A. Investigations and service on account of wards of the Commission.
- B. Emergency assistance granted.
- C. Emergency assistance from Trust Funds.
- D. Kathleen Hammond Bequest Trust Fund, emergency assistance to pensioned widows of veterans.
- E. Administration of special grants from Canteen Fund, and cases submitted to that Fund for consideration.
- F. Information, advice and assistance in respect to claims for treatment and pensions, also employment by veterans.
- G. General advice given on matters relating to public and private welfare facilities for veterans or their dependents.

Number of Office Interviews	3,316
Number of Letters Received.....	3,203
Number of Letters Mailed.....	4,054

PLACEMENT OF WARDS

Number of Wards Attaining the Age of 21 Years	8
Total Number of Wards Under Commission's Care on April 1, 1941.....	28
NET TOTAL, MARCH 31, 1942	<u>20</u>

FINANCIAL ASSISTANCE GRANTED

MONTH	No. 2 ACCOUNT	HALES, SCOTT, THOMPSON, McNAB ESTATES	No. 8 ACCOUNT	CANTEEN FUND AND OTHER SOURCES	TOTAL
1941	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
April.....	225.20	38.00	266.75	135.00	664.95
May.....	364.80	.....	265.00	.....	629.80
June.....	342.80	13.00	180.00	.....	535.80
July.....	478.07	17.50	325.00	55.55	876.12
August.....	277.50	15.00	150.00	31.00	473.50
September.....	274.50	17.00	186.00	138.00	615.50
October.....	465.48	56.25	513.00	105.00	1,139.73
November.....	434.29	79.05	467.15	.....	980.49
December.....	368.06	49.00	1,719.25	8.00	2,144.31
1942					
January.....	590.89	.....	810.00	116.00	1,516.89
February.....	465.71	48.85	465.00	53.00	1,032.56
March.....	767.94	10.00	638.00	8.00	1,423.94
TOTALS.....	5,055.24	343.65	5,985.15	649.55	12,033.59

ANALYSIS OF ASSISTANCE RENDERED FROM NO. 2 ACCOUNT; KATHLEEN HAMMOND, HALES, SCOTT, THOMPSON AND McNAB ESTATES; ALSO FROM OUTSIDE SOURCES, APRIL 1, 1941, TO MARCH 31, 1942

Hospital, Medical and Surgical Supplies.....	45
Fuel (Emergency).....	22
Men's, Women's and Children's Clothing.....	227
Special Diet and Emergency Grocery Orders.....	85
Transportation.....	37
Truck, Car and Chauffeur Licenses.....	5
Glasses.....	172
Dentures.....	83
Layette.....	6
Special Grants (Material, Supplies, Stock-in-Trade).....	672

STATEMENT OF RECEIPTS AND EXPENDITURES

No. 1 ACCOUNT (OPERATING)

RECEIPTS

March 31, 1942

Provincial Treasurer.....	\$ 19,929.30
Less: Refund to Treasurer.....	1,548.04
	<u>\$ 18,381.26</u>
Provincial Treasurer—Cost-of-Living Bonus.....	1,079.50
Children's Trust Fund Refund <i>re</i> Clothing.....	27.31
	<u>\$ 19,488.07</u>

EXPENDITURES

Office Salaries.....	\$ 10,925.00
Cost-of-Living Bonus.....	1,079.50
Car Tickets.....	90.00
Postages.....	125.00
Stationery.....	200.54
Telegraph and Telephone.....	34.98
Travelling Expenses.....	2,104.45
Miscellaneous.....	58.40
Transfer of Funds to No. 2 Account.....	4,870.20
	<u>\$ 19,488.07</u>

RELIEF, ESTATES AND TRUSTS FUNDS

ACCOUNTS NO. 2, No. 8 (HAMMOND ESTATE), CHILDREN'S (WARDS') TRUST
ACCOUNT, AND ESTATES OF HALES, CROFT, SCOTT AND
THOMPSON (BEQUEST)

RECEIPTS

April 1, 1941

Balance Brought Forward from 1940-41 Statement:

Investments.....	\$211,075.06	
Cash in Bank.....	7,205.67	
		\$218,280.73

LESS:

Sale of Bond (Hammond Estate).....	\$ 1,000.00	
Reduction of Mortgage (Croft Estate).....	200.00	
Reduction of Assessment (Croft Estate).....	1,950.00	
		3,150.00

March 31, 1942

\$215,130.73

No. 2 Account (Emergency Assistance):

Transfer from No. 1 Account.....	\$ 4,870.20	
Other Sources.....	639.55	
		\$ 5,509.75

Hales Estate.....	22.50	
Croft Estate.....	775.79	
McNab Estate.....	6.88	
Scott Estate.....	424.04	
Thompson (Bequest).....	30.90	
		6,769.86

No. 8 Account (Hammond Estate):

Bank Interest.....	\$ 19.54	
National Trust Co. Ltd.....	263.90	
Bond Coupons (Interest).....	8,798.48	
Sale of Bond.....	1,000.00	
		10,081.92

Wards' (Children's) Trust Account—Bond Coupons (Interest) 495.00

\$232,477.51

EXPENDITURES

March 31, 1942

No. 2 Account (Emergency Assistance):

Gratuities.....	\$ 4,870.20	
Other Sources.....	649.55	
		\$ 5,519.75

Hales Estate—Grants.....	70.30	
Croft Taxes—Paid Taxes.....	97.66	
McNab Estate—Grants.....	161.10	
Scott Estate—Grants.....	47.25	
Thompson Bequest—Grants.....	65.00	

Hammond Estate:

Grants.....	\$ 5,985.15	
Legal Fees.....	150.00	
		6,135.15

Wards' (Children's) Trust Account—Payments 1,070.27

\$ 13,166.48

ASSETS

Croft Estate:		
Assessed Value of Real Estate.....	\$ 12,050.00	
Fryer's Mortgage.....	1,450.00	
		\$ 13,500.00

INVESTMENTS

Hammond Estate—Bonds, etc.....	192,425.06	
Wards' Trust Account—Bonds.....	9,000.00	
Balances at Bank.....	4,385.97	
		219,311.03

\$232,477.51

LAND SETTLEMENT ACCOUNT

BARRIE PROPERTY

RECEIPTS

April 1, 1941			
Balance at Bank.....		\$	1,300.81
Assets:			
Barrie Property.....	\$	8,073.02	
Buildings.....		7,065.00	
Equipment.....		295.14	
			15,433.16
			<u>\$ 16,733.97</u>
March 31, 1942			
Receipts:			
Deposits <i>re</i> Hydro.....	\$	20.00	
Rents.....		841.50	
Bank Interest.....		8.36	
			869.86
			<u>\$ 17,603.83</u>

EXPENDITURES

March 31, 1942			
Refund <i>re</i> Hydro Deposit.....	\$	10.00	
Miscellaneous.....		441.75	
			\$ 451.75
Assets as Above.....			15,433.16
Balances at Bank:			
Current Account.....	\$	685.12	
Savings Account.....	\$	1,043.80	
LESS: Hydro Deposit.....		10.00	
		1,033.80	
			1,718.92
			<u>\$ 17,603.83</u>

ASSETS

March 31, 1942			
Barrie Property.....	\$	8,073.02	
Buildings.....		7,065.00	
Equipment.....	\$	304.74	
LESS: Depreciation.....		47.62	
			257.12
			<u>\$ 15,395.14</u>
Balances at Bank:			
Current Account.....	\$	685.12	
Savings Account.....		1,043.80	
			1,728.92
			<u>\$ 17,124.06</u>

SIXTEENTH REPORT
OF THE
LIQUOR CONTROL BOARD
OF
ONTARIO

From April 1st, 1941 to March 31st, 1942

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 20, 1943



ONTARIO

TORONTO

Printed and Published by

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1943

TORONTO, MARCH 12th, 1943.

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit to Your Honour the Sixteenth Report of the Liquor Control Board of Ontario for the year Ending 31st March, 1942.

Respectfully submitted,

G. D. CONANT, K.C.

Prime Minister.

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Liquor Control Board of Ontario

454 UNIVERSITY AVENUE,
TORONTO 2, ONTARIO,
FEBRUARY 9TH, 1943.

TO THE HONOURABLE MITCHELL F. HEPBURN,
Provincial Treasurer of Ontario,
Parliament Buildings, Toronto 5, Ontario.

Sir:—

I have the honour to submit herewith the Sixteenth Report of the Liquor Control Board of Ontario for the twelve months' fiscal period which ended the 31st of March, 1942.

FINANCIAL STATEMENT

The Balance Sheet, certified to by Messrs. Robertson, Robinson, McCannell & Dick, Chartered Accountants, shows the amount of fixed assets to be \$102,177.00. This amount represents the value of the Board's real estate, consisting of the land and buildings situated at 154 Wellington St. W., Toronto, and 201 Victoria Ave., Fort William, and 28 Silver Street, Cobalt, occupied as Warehouses or Stores, and the value of all furniture, equipment and alterations in the various premises of the Board, less depreciation, which, since the commencement of operations in June, 1927, has been provided to an extent of \$1,058,367.02.

Other assets totalled \$6,010,169.97 being comprised of the following items:—

Cash on hand and in transit from branch banks.....	\$ 279,420.94
Accounts Receivable—hospital charge sales, beer levies, duty recoverable items, freight claims, fines, etc.....	376,399.70
Inventories of liquors and supplies	5,328,690.96
Prepaid items	25,658.37

Liabilities amounted to \$2,154,258.67 as follows:—

Accounts Payable—for liquors and supplies, accrued charges, etc.....	\$2,139,813.03
Due Provincial Treasurer—for permit sales and confiscated stock	14,445.64

Sales of Individual and Special Permits during the twelve months amounted to a net figure of \$731,070.58, which, with the amount unpaid from the previous year of \$18,635.20 totalled \$749,705.78, of which \$740,000.00 was remitted to the Provincial Treasurer, in accordance with the requirements of The Liquor Control Act of Ontario, Section 18 (2).

The item of \$4,739.86, which after a payment to the Provincial Treasurer of \$10,000.00, represents a balance due for forfeited liquor, which was purchased by the Board after careful examination, and in accordance with the provisions of Section 132 (2) of the Act.

Contingent liabilities amounted to \$4,850,605.12. These items comprise the value of undelivered orders, and, also, the amount of customs or excise duties which will have to be paid on the goods, which were in bond on our premises March 31st, when the same are cleared. These items are not chargeable against, nor do they affect the operations of the Board for the period under review.

The Profit and Loss Account shows sales for the twelve months from Liquor Control Board Stores of \$33,035,843.66.

The same account shows a gross trading profit of \$10,839,821.00 with total expenses including depreciation and items written off, of \$1,948,642.50, which produced a net trading profit of \$8,891,178.50. This latter sum, together with other revenue derived from fees and taxes on Brewers and Wine Manufacturers and their products, as well as Authority holders and from fines, which amounted to \$5,445,815.82, resulted in a total net income of \$14,336,994.32, which is carried to the Surplus Account.

For the purpose of comparison, the percentage that the cost of stock sold, miscellaneous earnings and expenses, and other revenue bear to the sales are given for the fiscal year of 1941, and the twelve months' period herewith reported upon.

The Surplus Account shows a balance at the commencement of the period of \$2,620,727.24, this being the amount carried forward from previous years' operations, which had not been transferred to the Provincial Treasurer. After adding \$366.74 which represented sundry adjustments and the twelve months' net income of \$14,336,994.32, a total amount is shown of \$16,958,088.30. From this sum \$13,000,000.00 was remitted to the Provincial Treasurer. The total payments to the Provincial Treasurer during the twelve months were, therefore:—

On Account of Profits	\$13,000,000.00
On Account of Permits	740,000.00
On Account of Forfeited Liquor purchased from Provincial Treasurer..	10,000.00
	\$13,750,000.00

Besides the Balance Sheet, Profit and Loss Account, and the Surplus Account, a statement showing the Expenses of Administration and Operation (Schedule I) for the twelve months is also attached. Individual percentages which these expenses bear to the total sales are given for the twelve months and also for the preceding fiscal period. On March 31st, 1942, the staff comprised 943 employees, 121 of these being part-time or seasonally employed as against 916 permanent and 94 part-time employees at the previous year-end.

In addition, all Liquor Control Board stores, brewers' retail stores, breweries and Wineries privileged to sell alcoholic beverages in Ontario, as of March 31st, 1942, are set forth on Schedule II; a classification of permits and licenses issued appears on Schedule III, and a summary of Authorities, Standard Hotel Licenses and Light Beer Permits issued, cancelled, suspended, surrendered and re-instated during the year, with the number operative on March 31st, is set forth on Schedule IV.

SALES

The sale of spirits, beer and wine from liquor stores during the twelve months amounted to \$33,035,843.66. The net value of beer sold from breweries and brewers' retail stores, i.e. exclusive of any charge for containers, totalled \$45,548,177.25. Sales of native wine made direct to customers from Licensed native wine sales offices, and, where permitted, from the winery premises, amounted to \$2,903,584.28.

The following comparative sales statistics are given for the fiscal year under review and also for the preceding twelve months:—

VALUE

	Twelve Months ending March 31, 1941	Twelve Months ending March 31, 1942	Increase or Decrease	Percentage
Domestic Spirits.....	\$17,124,820.62	\$22,003,923.14	\$4,879,102.52	Inc. 28.5
Imported Spirits.....	5,934,703.10	6,916,910.98	982,207.88	Inc. 16.5
Domestic Wines.....	2,000,957.30	2,181,093.66	180,136.36	Inc. 9.0
Imported Wines.....	611,369.83	471,635.75	139,734.08	Dec. 22.9
Domestic Beers.....	1,099,142.97	1,372,421.96	273,278.99	Inc. 24.9
Imported Beers.....	76,963.00	89,858.17	12,895.17	Inc. 16.8
Total Sales from Liquor Stores..	\$26,847,956.82	\$33,035,843.66	\$6,187,886.84	Inc. 23.0
B. & B.R.S. Sales - Domestic Beer (Exclusive of Container Value)	34,599,089.80	45,548,177.25	10,949,087.45	Inc. 31.6
Wineries' Sales (Domestic Wines).....	2,636,513.54	2,903,584.28	267,070.74	Inc. 10.1
Total.....	\$64,083,560.16	\$81,487,605.19	\$17,404,045.03	Inc. 27.1

GALLONAGE

	Twelve Months ending March 31, 1941	Twelve Months ending March 31, 1942	Increase or Decrease	Percentage
Domestic Spirits.....	1,236,128	1,576,144	340,016	Inc. 27.4
Imported Spirits.....	284,584	335,057	50,473	Inc. 17.7
Domestic Wines.....	872,877	820,680	52,197	Dec. 5.9
Imported Wines.....	62,333	49,851	12,482	Dec. 20.0
Domestic Beers.....	677,068	846,566	169,498	Inc. 25.0
Imported Beers.....	21,327	24,290	2,963	Inc. 13.9
Total Sales from Liquor Stores..	3,154,317	3,652,588	498,271	Inc. 15.8
B. & B. R. S. Sales (Domestic Beer).....	30,626,640	37,640,744	7,014,104	Inc. 22.8
Wineries' Sales (Domestic Wines).....	1,101,193	1,054,881	46,312	Dec. 4.3
Total.....	34,882,150	42,348,213	7,466,063	Inc. 21.4

The above statistics show that sales of spirits, wines and beers through the liquor stores increased to an extent of \$6,187,886.84. Operating and administration expenses, including depreciation at \$1,948,642.50, were higher to an extent of \$101,157.55 as compared with the preceding year.

As shown before in this report, the Board paid to the Provincial Treasurer the sum of \$13,000,000.00 on account of Profits, License Fees, etc., \$740,000.00 from sales of Individual Permits, and \$10,000.00 for forfeited liquor. The Board also paid, in accordance with the law, to the various municipalities, 20% of the fees received from Hotel Authorities, such amount totalling \$308,844.21, which was distributed to 317 municipalities.

Additional to the above substantial payments, the Dominion Government received during the course of the year in Customs and Excise Duties and Sales and Excise Taxes on spirits, wines and imported beers purchased by the Board \$12,213,699.94. There also was paid to the Dominion Government for Malt Duties and Taxes on domestic beers and wines sold in Ontario approximately \$13,800,000.00, making a total of about \$26,000,000.00.

It will, therefore, be seen that the grand total of revenue payments received by the respective Municipal, Provincial and Dominion Governments reached a total of \$40,000,000.00 as a result of levies on alcoholic beverages sold in Ontario during the year. This amount was exclusive of Municipal realty and Provincial and Dominion corporation taxes paid by the respective manufacturers.

Since the commencement of operations of the Liquor Control Board of Ontario in June, 1927, until March 31st, 1942, payments to the Provincial Treasurer have reached a grand total of \$138,705,671.00.

STORES

The number of liquor stores in operation on March 31st, was one hundred and thirty; one additional store having been opened on August 26th, 1941, at 131 Erie Street South, Ridgetown.

Three stores were moved to new locations, i.e.—

- No. 76—Cobalt—From Prospect and Silver Street to 28 Silver Street.
- No. 87—Sioux Lookout—From Front Street to Fourth Avenue.
- No. 90—Oshawa—From 68 Simcoe Street North to 90 Simcoe Street North.

BREWERIES AND BREWERS' RETAIL STORES

On March 31st, 1942, there were twenty-two Ontario and four Quebec breweries licensed to sell their products in Ontario, there having been no change from the previous year-end.

The gallonage of domestic beer sold in Ontario during the years 1938 to 1942 inclusive, as computed from the sales records of the Board and with respect to sales to destinations outside Ontario, from the monthly reports of the Ontario brewers, was as follows:

	1938 (12 months) Gallons	1939 (12 months) Gallons	1940 (12 months) Gallons	1941 (12 months) Gallons	1942 (12 months) Gallons
Sales from Liquor Stores' stock Beer orders taken at Liquor Stores for delivery by breweries and brewers' retail stores.....	686,716	562,527	558,962	672,064	839,827
Sales from breweries and brewers' retail stores.....	16,025	11,024	13,512	5,004	6,739
	25,096,435	24,141,817	26,756,549	30,626,640	37,640,744
Total Ontario Sale of Domestic Beer.....	25,799,176	24,715,368	27,329,023	31,303,708	38,487,310
Sales to other Provinces.....	1,905,459	1,882,189	1,914,210	2,344,029	2,923,485
Export Sales.....	3,619	12,996	58,033	133,610	1,394,525
Total.....	1,909,078	1,895,185	1,972,243	2,477,639	4,318,010

The number of Brewers' Retail Stores in operation at the year-end totalled one hundred and thirteen; five stores having been opened during the period at the following locations:

- 61W St. Catherine Street, Ottawa, on August 4th, 1941.
- 102W 591-3 Bayview Avenue, Leaside, on August 15th, 1941.
- 108W 149 West Frederika Street, Fort William, on August 16th, 1941.
- 112W 1373 Main Street East, Hamilton, on October 4th, 1941.
- 113W Main Street, Blenheim, on January 19th, 1942.

From June 12th to September 27th, a Brewers' Retail Store was operated at Jackson's Point.

Two Distributing Warehouses were opened at:—

- 2WD 14 Alexander Street, Toronto, on May 1st, 1941.
- 3WD 271 Ambrose Street, Port Arthur on August 30th, 1941.

During the twelve months under review, six Brewers' Retail Stores were moved to new locations, i.e.:

- 43W Cochrane From Railway Street to 193 Railway Street as of May 1st, 1941.
- 1W Toronto From 14 Alexander Street to 572½ Church Street as of May 1st, 1941.
- 94W Toronto From 1395 Gerrard Street East to 1391-3 Gerrard Street East as of June 5th, 1941.
- 106W Burlington From 15-17 Water Street to 13 Water Street as of July 21st, 1941.
- 76W Toronto From 897 Queen Street East to 1049 Queen Street East as of August 1st, 1941.
- 26W Port Arthur From 271 Ambrose Street to 211 Pearl Street as of August 30th, 1941.

As mentioned in previous reports, the policy of the Liquor Control Board has been to have periodical analyses made by the Chief Provincial Analyst of all brands of beer produced by the Ontario Breweries, as well as the products of the Quebec Breweries, who are licensed to sell in the Province. The analyses last year indicated that all the samples examined conformed to the requirements of the Regulations passed pursuant to The Food and Drugs Act of Canada for ale or beer.

WINERIES

Supervision of the quality of native wine was maintained for the Board by the Provincial Department of Health through periodical analyses.

The Board carried out the usual negotiations with the wine manufacturers and the grape-growers whereby the price stabilization programme, which has been in effect for some years with respect to grapes delivered to the wineries for wine making was maintained. As a matter of record, during the year reviewed herewith the price paid by the wine manufacturer to the grower was raised Ten Dollars per ton to Fifty Dollars.

On March 31st, 1942, there were twenty-one wineries operating in Ontario. Sales were conducted direct from the premises of six wineries and from forty-three branch retail sales offices.

During the year, one winery changed ownership, i.e., The Royal City Winery of Guelph, which was purchased by The London Winery Limited. Operations under the new corporate name commenced on May 3rd, 1941.

The following transfers of Sales Offices to other premises were authorized during the year:—

<i>License</i>	<i>From</i>	<i>To</i>	<i>Opening Date at New Location</i>
London Winery Ltd., London	409 Rideau Street, London	123 Dundas Street, London	April 1, 1941
Parkdale Wines Ltd., Toronto	1165 St. Clair West, Toronto	1157 St. Clair West, Toronto	May 1, 1941
Old Battlefield Wine Co., Hamilton	774 Barton St. East, Hamilton	287 Ottawa St. N., Hamilton	June 19, 1941
London Winery, Ltd., London	32 Wilson Street, Guelph	Carden & Wyndham, Guelph	July 2, 1941
Bright's Wines, Ltd., Niagara Falls	33 Elm Street, Sudbury	31-33 Elm Street, Sudbury	July 12, 1941
Parkdale Wines, Ltd., Toronto	1046 Bloor St. West, Toronto	499 Church Street, Toronto	Aug. 2, 1941
Bright's Wines, Ltd., Niagara Falls	224 Charlotte Street, Peterborough	261 Coxwell Avenue, Toronto	Oct. 1, 1941

On June 18th, 1941, the corporate name of The Canadian Wineries Limited was changed to Chateau Gai Wines Limited.

The following statistics of gallonage of native wine sold have been compiled from the monthly reports submitted to the Board by the respective wineries:—

	1938 (12 months) Gallons	1939 (12 months) Gallons	1940 (12 months) Gallons	1941 (12 months) Gallons	1942 (12 months) Gallons
Sales at Wineries	861,846	934,361	998,100	1,101,193	1,054,881
Sales to the Board	690,635	712,783	764,326	896,801	834,519
Total Ontario Sales	1,552,481	1,647,144	1,762,426	1,997,994	1,889,400
Sales to other Provinces	1,111,769	1,045,997	1,455,432	1,850,008	1,537,579
Export Sales	3,581	1,935	2,136	5,892	4,766
Total	2,667,831	2,695,076	3,219,994	3,853,894	3,431,745

The tonnage of grapes and cherries used by the various wineries in the manufacture of wines during the past three years was as follows:—

	During 12 months ended March 31st, 1940	During 12 months ended March 31st, 1941	During 12 months ended March 31st, 1942
Grapes used for wine	13,679 tons	15,603 tons	13,810 tons
Grapes used for concentrates	2,242 tons	3,748 tons	2,855 tons
Grapes used for brandy	2,370 tons	.....	.....
Cherries used for wine	184 tons	62 tons	236 tons
Total	18,475 tons	19,413 tons	16,907 tons

Last year, 271,680 gallons of native wine were distilled into grape spirit for wine fortification, while during the year under review, 258,617 gallons were used for such purposes.

The sale of Canadian Brandy, a product of Ontario grapes, amounted to 35,629 gallons, as against 23,349 gallons sold during the previous year.

HOME-MADE WINE PERMITS

Since the Regulations which were designed to check the bootlegging of Home-made Wine became effective on January 1st, 1940, and which required that any person manufacturing more than 100 gallons of Home-made Wine must obtain a Permit from the Board, 1,065 Home-made Wine Permits had been issued up to March 31st, 1941.

During the fiscal year herein reviewed a further 89 Home-made Wine Permits have been issued, thus bringing the total to 1,154.

Since January 1st, 1940, 19 Home-made Wine Permits were cancelled for failure on the part of the Permittee to comply with these Regulations or other provisions of The Liquor Control Act.

AUTHORITIES FOR THE SALE OF BEER AND WINE

Complete details by Municipalities of the number of Authorities which were issued, cancelled, suspended or surrendered during the year, together with reinstatements, are set forth on Schedule IV.

On March 31st, 1942, the end of the fiscal year—there were 1,195 Hotel Authorities in operation, 255 Club Authorities, and 216 Military Mess Authorities.

Authorities were issued for six months to 41 Summer Hotels. Of these, one was extended to an annual basis after payment of the required additional fee.

The fee for Hotel, Railway, Social and Labour Club Authorities was continued at seven cents per gallon of beer purchased and five percent of the value of wine bought. For Veterans' Club Authorities the fee was fixed as of November 1st, 1941, at four cents per gallon of beer purchased when only bottled beer is sold. In the event of draught and bottled beer being sold, the fee remained unchanged at seven cents per gallon.

The minimum fee of \$300.00 per annum for full year Hotel and Railway Authorities, \$150.00 for six months Summer Hotel Authorities, \$100.00 for Social Clubs and \$50.00 for Labour and Veterans' Clubs was continued.

The annual fees for Steamship Authorities and Military Mess Authorities were \$50.00 and \$30.00 respectively.

HOTELS

On March 31st, 1942, 1,314 Standard Hotel Licenses were effective, of which 1,195 possessed an Authority to sell beer and wine; 32 were holders of Light Beer Permits and 87 held only the Standard Hotel License. There was no change in fees.

Frequent inspections were made of all hotels and clubs in the Province by the Board's twenty-two Inspectors, who are required to submit monthly conduct reports in respect of each premises visited, and also a more detailed report once per year.

The Hotel Inspection Staff continued to implement the Regulations dealing with sterilization and cleansing of beverage glasses and other utensils in use in hotels and authorized premises throughout the Province, and special attention was given to fire protection and prevention methods in all licensed and authorized premises.

The Board gratefully acknowledge their indebtedness to the Provincial Police Force and Municipal Police Force for continued assistance and co-operation throughout the year.

PERMITS

From April 1st, 1941, to March 31st, 1942, there were 43,098 Individual Annual Liquor Permits issued. The sales of Single Purchase Permits totalled 4,435,802. Individual Permits sold to non-residents, valid for a period not exceeding one month, numbered 19. In addition 2,269 Special Permits were issued to Physicians, Druggists, Hospitals, etc.

In accordance with the requirements of the Act, the Board, after thorough investigation, deemed it advisable during the year to issue 2,974 Prohibitory Orders. Such action followed either notification relative to conviction for violation of the Act, or the receipt of a request or recommendation from some interested party, such as a relative, friend, magistrate, police officer, physician, relief officer, etc. These Prohibitory Orders comprised 646 full Board Orders which precluded the individual concerned from purchasing alcoholic beverages from any source, of which 35 resulted from Judges' Orders of Interdiction.

The remaining 2,328 were Orders which restricted the individual's liquor privileges.

Of these 2,328 cases, 954 were the result of convictions having been registered under the Criminal Code of Canada for intoxication while in charge of a motor vehicle. A further 683 followed the conviction of the individual for violation of The Liquor Control Act, and the premises of 544 of these were declared a "public place" within the meaning of the Act. The other Orders were issued as being in the best interests of all concerned according to the judgment of the Board from the available information at hand.

During the year, after full investigation and consideration, it was decided to fully revoke 379 and partially revoke 75 of the Prohibitory Orders which had been made effective at some prior date.

1,621 Special Permits were issued to Druggists. These Permits allowed the druggist to purchase alcohol in limited quantities for compounding and pharmaceutical purposes and also accorded him the privilege of buying rubbing alcohol for re-sale. The premises of all holders of Druggists' Special Permits were subject to periodical inspection and, in addition, druggists were required to file monthly with the Board a report of all rubbing alcohol sales.

Efforts were continued to prevent the use of rubbing alcohol as a beverage and during the year the names of 79 addicts were posted with all druggists in the larger communities of the Province.

GENERAL

The Board desires to record their appreciation to a loyal and competent staff for the faithful manner in which they have performed their duties.

I have the honour to be, Sir,

Your obedient servant,

A. ST. C. GORDON,

Chief Commissioner.

BALANCE SHEET

As at March 31st, 1942

ASSETS

Land, Buildings, Furniture, Equipment, Fixtures and Alterations to Rented Premises, less amounts written off		\$ 102,177.00
Cash on Hand, in Transit, and in Banks	\$ 279,420.94	
Accounts Receivable	376,399.70	
Inventories of Liquor and Supplies in Warehouses and Stores (Valued at Cost)	5,328,690.96	
	<hr/>	5,984,511.60
Prepaid Charges		25,658.37
		<hr/>
		\$6,112,346.97

LIABILITIES

Accounts Payable, Accrued Charges, Deferred Revenue, etc.		\$ 2,139,813.03
<i>Due Provincial Treasurer, for</i>		
Permit Sales—Balance from March 31st, 1941	\$ 18,635.20	
Permit Sales—April 1st, 1941, to March 31st, 1942 (Net)	731,070.58	
	<hr/>	749,705.78
Less: Paid to Provincial Treasurer	740,000.00	
		9,705.78
Confiscated Liquor Stocks	14,739.86	
Less: Paid to Provincial Treasurer	10,000.00	4,739.86
	<hr/>	\$2,154,258.67
<i>Surplus:</i>		
Balance carried from Surplus Account	16,958,088.30	
Less: Paid to Provincial Treasurer during the year ended March 31st, 1942	13,000,000.00	
	<hr/>	3,958,088.30
<i>Contingent Liabilities:</i>		
Liquors ordered but not delivered (including duty, freight, etc.)	\$2,661,571.82	
Duty on Stocks in Bond	2,189,033.30	
	<hr/>	\$6,112,346.97
		<hr/>

AUDITORS' CERTIFICATE

We hereby certify that, in our opinion the above Balance Sheet exhibits a true and correct view of the affairs of The Liquor Control Board of Ontario as at March 31st, 1942, and that the records and accounts of the same date conform thereto.

ROBERTSON, ROBINSON, McCANNEL & DICK,

Chartered Accountants

Toronto, May 27, 1942.

PROFIT AND LOSS ACCOUNT

For the Year Ended March 31st, 1942

			Percentage to Sales	
			1941-1942	1940-1941
<i>Sales by Vendors</i>				
Store counter and Mail Order				
Sales of Wines, Spirits and Beer	\$33,023,952.56			
Beer Orders taken at Stores for delivery by Breweries and Brewers' Retail Stores	11,891.10			
	<u>\$33,035,843.66</u>		100.00 %	100.00 %
Stock on Hand March 31st, 1941	4,591,532.93			
Purchases	22,902,254.50			
	<u>\$27,493,787.43</u>			
<i>Less: Stock on Hand March 31st, 1942</i>	5,283,038.97			
Cost of Sales by Vendors	22,210,748.46		67.23 %	66.58 %
Gross Profit on Sales		\$10,825,095.20	32.77 %	33.42 %
Miscellaneous Earnings		14,725.80	.04 %	.03 %
		<u>10,839,821.00</u>	32.81 %	33.45 %
<i>Expenses:</i>				
Administration and Operating Expenses, Head Office, Warehouses and Stores—Schedule I Items written off		1,895,017.53		
Depreciation on Buildings, Furniture, Equipment, Fixtures and Alterations to Rented Premises written off and reserved for	54,463.01	3,006.16		
<i>Less: Included as Rental in Administration and Operating Expenses</i>	3,844.20	50,618.81	1,948,642.50	5.90 %
				6.88 %
			<u>8,891,178.50</u>	26.91 %
				26.57 %
<i>Other Revenue:</i>				
Brewers' Retail Stores License Fees		148,512.43		
Brewers' License Fees		94,375.00		
Malt Tax		2,662,373.11		
Gallonage Tax		808,392.07		
Authority Holders' Fees (Net after deducting Municipalities' Share)		1,421,017.82		
Light Beer Licenses, etc.		2,637.00		
Fines (Net)		42,296.10		
Native Wine Tax and Licenses		266,212.29		
			5,445,815.82	16.48 %
				17.06 %
Net Income for Year carried to Surplus Account		\$14,336,994.32	43.39 %	43.63 %

SURPLUS ACCOUNT

For the Year Ended March 31st, 1942

Balance as at March 31st, 1941	\$ 2,620,727.24
Add Sundry Adjustments	366.74
	<u>2,621,093.98</u>
Add Net Income for the year ended March 31st, 1942	14,336,994.32
Balance carried to Balance Sheet	<u>\$16,958,088.30</u>

SCHEDULE I

ADMINISTRATION AND OPERATING EXPENSES
HEAD OFFICE, WAREHOUSES AND STORES

For the Year Ended March 31st, 1942
and

Number of Employees on the Staff at March 31st, 1942

		Percentage to Total Sales	
		1941-1942	1940-1941
Salaries (Less Permit Allowance)	\$1,131,368.46	3.42%	4.05%
Legal and Audit	15,050.33	.04%	.05%
Rents paid, less received	195,229.20	.59%	.73%
Travelling	53,101.02	.16%	.20%
Superannuation	48,470.63	.15%	.17%
Insurance	12,046.27	.04%	.04%
Postage	12,000.23	.04%	.04%
Stationery	35,442.07	.11%	.13%
Telephone and Telegraph	13,014.55	.04%	.04%
Protection Service	5,257.00	.01%	.02%
Breakage	4,079.78	.01%	.01%
Light, Heat and Power	34,281.65	.10%	.13%
Repairs and Maintenance	28,504.51	.09%	.12%
Sundries	15,878.30	.05%	.06%
Freight and Cartage	133,818.65	.40%	.47%
Terminal Warehouse Charges	78,454.39	.24%	.20%
Taxes—Business	25,327.25	.07%	.10%
Discounts to Hospitals, etc.	1,978.46	.01%	.01%
Truck Maintenance	19,281.82	.06%	.07%
Packing Materials	32,432.96	.10%	.11%
	\$1,895,017.53	5.73%	6.75%

NUMBER OF EMPLOYEES ON STAFF

(Including 121 temporary employees whose services are either part time or seasonal.)

Commissioner's Staff	2
Director of Hotels and Personnel	26
Comptroller's Staff	11
Legal Department	2
Accounting Department	61
Beer and Wine Department	30
Permit Department	19
Purchasing and Supply Department	7
Traffic Department	3
Customs Department	4
Stock Supervision Department	14
Brewery Inspection Department	28
Winery Inspection Department	3
Wine Permit Department	3
Store Inspection Department	12
Supervision of Stores and Properties	4
Head Office Maintenance Staff	4
Garage	6
Stores	632
Warehouses	72
	943

SCHEDULE II

LIQUOR STORES, LICENSED BREWERS' RETAIL STORES, BREWERIES
AND WINERIES IN ONTARIO AT 31st MARCH, 1942

LIQUOR STORES

Store No.

1	Church and Lombard Streets	Toronto
2	122 Wellington Street West	Toronto
3	1271 Dundas Street West	Toronto
4	170 Danforth Avenue	Toronto
5	1881 Queen Street East	Toronto
6	1271 Queen Street West	Toronto
7	2223 Dundas Street West	Toronto
8	928 St. Clair Avenue West	Toronto
9	959 Bloor Street West	Toronto
10	1121 Yonge Street	Toronto
11	949 Gerrard Street East	Toronto
12	402 Parliament Street	Toronto
13	1448 Danforth Avenue	Toronto
14	454 Spadina Avenue	Toronto
15	292 Dupont Street	Toronto
16	106 Richmond Street West	Toronto
18	Midland Avenue and Kingston Road	Scarboro Bluffs
19	Rogers Road and Blackthorn Avenue	Toronto
20	802 Lake Shore Road	New Toronto
21	29 Charles Street	Hamilton
22	673 King Street East	Hamilton
23	1057 Barton Street East	Hamilton
24	216 King Street	Port Colborne
25	81 King Street West	Dundas
26	419 Talbot Street	London
27	629 Dundas Street	London
28	12 Canal Street	Dunnville
29	Berford Street	Wiarion
30	82 Durham Street	Walkerton
31	47 Hurontario Street	Collingwood
32	94 Wyandotte Street East	Windsor
33	241 Drouillard Road	Windsor
34	628 Chilver Road	Windsor
35	3236 Sandwich Street West	Windsor
36	272 Queen Street	Ottawa
37	685 Bank Street	Ottawa
38	188 Rideau Street	Ottawa
39	King Street East	Cobourg
40	42-46 Princess Street	Kingston
41	209 Victoria Avenue	Fort William
42	101 King Street West	Brockville
43	137 King Street East	Kitchener
44	69 Dalhousie Street	Brantford
45	408 George Street	Peterborough
46	224 Front Street North	Sarnia
47	23 Ontario Street	St. Catharines
48	937 Victoria Avenue	Niagara Falls
49	66 Pitt Street	Cornwall
50	Cedar and Elgin Streets	Sudbury
51	72 Carden Street	Guelph
52	24-26 Cross Street	Welland
53	66 Cumberland Street South	Port Arthur
54	88 Main Street East	North Bay
55	32 Pembroke St. West	Pembroke
56	King Street	Prescott
57	37 Bridge Street East	Belleville
58	8½ Balsam Street North	Timmins
59	72 Collier Street	Barrie
60	88 Ontario Street	Stratford
61	210 King Street West	Chatham
62	314 Talbot Street	St. Thomas
63	343 Queen Street East	Sault Ste. Marie
64	516 Dundas Street	Woodstock

LIQUOR STORES—Continued

Store No.		
65	Front Street	Trenton
66	6th Avenue North	Cochrane
67	Main and Ferguson Streets	Haileybury
68	214 Main Street South	Kenora
69	Church Street and Mowat Avenue	Fort Frances
70	22 Beckwith Street	Smith's Falls
71	King and Main Streets	Gananoque
72	34 Gore Street	Perth
73	610 King Street	Preston
74	67 Robinson Street	Simcoe
75	226 Devonshire Avenue	Iroquois Falls
76	28 Silver Street	Cobalt
77	121 Main Street	Penetang
78	Wellington Street and Whitewood Ave.	New Liskeard
79	79 Walton Street	Port Hope
80	Parry Sound Road	Parry Sound
81	King and Queen Streets	Sturgeon Falls
82	79 Kent Street	Lindsay
83	31 Main Street West	Hawkesbury
84	Main Street	Picton
85	Daniel and Elgin Streets	Arnprior
86	Queen and White Streets	Dryden
87	Fourth Avenue	Sioux Lookout
88	River Street East	Paris
89	Pembroke and Mattawa Road	Mattawa
90	90 Simcoe Street North	Oshawa
91	4 Kirkland Street	Kirkland Lake
92	Third Street	Englehart
93	Gilmour Road	Fort Erie
94	Bridge Street North	Eganville
95	21 Water Street North	Galt
96	112 Main Street	Deseronto
97	Dundas Street	Napanee
98	22 Main Street	Alexandria
99	Emard Street	Embrun
100	25 Albert Street	Thorold
101	48 Main Street	Grimsby
102	Muskoka Street	Gravenhurst
103	Tudhope Street	Espanola
104	Main Street East	Thessalon
105	Concession Street and Bridge Street	Tamworth
106	Main Street	Huntsville
107	Main Street	Palmerston
108	Woodward Avenue	Blind River
109	Murray and Bathurst Streets	Amherstburg
110	46 Wallace Street	Wallaceburg
111	Bedford Street	Westport
112	37 Government Road	Kapuskasing
113	Opongo Street	Barry's Bay
114	Corner Fourth Street and Broadway	Rainy River
115	43 King Street North	Waterloo
116	26 Arthur Street	Elmira
117	17 Birch Street	Chapleau
118	114 Young Street	Capreol
119	9 Main Street	Merrickville
120	West Dock	Pelee Island
121	1008 Wellington Street West	Ottawa
122	George Street	Hearst
123	Main Street	Lancaster
124	Corner Picton and King Streets	Niagara-on-the-Lake
125	99 Laurier Street	Rockland
126	Queen Street	Tilbury
127	Main Street	Morrisburg
128	Bruce Avenue	South Porcupine
129	Main Street	Geraldton
130	Manitoba Street	Bracebridge
131	Eric Street South	Ridgetown

BREWERS' RETAIL STORES

Store No.

1W	572½ Church Street	Toronto
2W	194 Queen Street East	Toronto
3W	614 Queen Street West	Toronto
4W	398 College Street	Toronto
5W	955 Bloor Street West	Toronto
6W	1257 Queen Street West	Toronto
7W	2160 Dundas Street West	Toronto
8W	1083 St. Clair Avenue West	Toronto
9W	440 Danforth Avenue	Toronto
10W	2149 Danforth Avenue	Toronto
11W	145 John Street North	Hamilton
12W	1080 Barton Street East	Hamilton
13W	83 Carling Street	London
14W	594 Dundas Street	London
15W	413 Hamilton Road	London
16W	1573 McDougall Street	Windsor
17W	1246 Ottawa Street	Windsor
18W	4281 Wyandotte Street East	Windsor
19W	268 Queen West	Ottawa
20W	Broad and Wellington Streets	Ottawa
21W	208 Wellington Street	Kingston
22W	670 Bridge Street	Niagara Falls
23W	78 Niagara Street	St. Catharines
24W	11 College Street	Kitchener
25W	217 Talbot Street	St. Thomas
26W	211 Pearl Street	Port Arthur
27W	269 Water Street	Peterborough
28W	131 Wellington Street	Brantford
29W	113 Quebec Street East	Guelph
30W	594 East Market and Water Streets	Brockville
31W	6 Dover Street	Chatham
32W	221 Sherman Avenue North	Hamilton
33W	155 Front Street	Belleville
34W	68-72 Pitt Street	Cornwall
35W	University and Spring Streets	Cobourg
36W	177 Main Street	Prescott
37W	22 Lorne Street	Sudbury
38W	210 Maxwell Street	Sarnia
39W	107 Oak Street West	North Bay
40W	2 King Street East	Lindsay
41W	193 Railway Street	Cochrane
42W	215 Bay Street	Sault Ste. Marie
43W	16 Victoria Street North	Smiths Falls
44W	Front Street	Trenton
45W	15 Riverbank Street	Welland
46W	36-38 Reeve Street	Woodstock
47W	32 Erie Street	Stratford
48W	Killally Street	Port Colborne
49W	1 Second Street	Timmins
50W	Pond Street	Simcoe
51W	269 Mill Street	Port Hope
52W	19 Main Street	Penetang
53W	182 Victoria Street	Pembroke
54W	553 King Street	Preston
55W	27 Cockburn Street	Perth
56W	Railway Street	Kenora
57W	624 Mowat Street	Fort Frances
58W	187 King Street	Gananoque
59W	5 Gilmour Road	Fort Erie
60W	16 Bayfield Street	Barrie
61W	330 Catherine Street	Ottawa
62W	Brunel and Main Streets	Huntsville
63W	82 Amwell Street	Haileybury
64W	First Avenue and Second Street North	Geraldton
65W	Elgin and Harriett Streets	Arnprior
66W	156 Lake Shore Road	Mimico
67W	Ross Street	Picton
68W	Murray and Bathurst Streets	Amherstburg

BREWERS' RETAIL STORES—Continued

Store No.		
69W	North Cayuga Street	Dunnville
70W	Main Street	Belle River
71W	Main Street	Glencoe
72W	Champagne Street	Parry Sound
73W	Main Street	Ridgetown
74W	Queen Street South	Tilbury
75W	55-57 First Avenue	Schumacher
76W	1049 Queen Street East	Toronto
77W	59 King West	Dundas
78W	499 James Street North	Hamilton
79W	1 Queen's Avenue	Leamington
80W	269 Dalhousie Street	Ottawa
81W	161 King Street West	Oshawa
82W	24 St. Paul Street	St. Catharines
83W	9 Market Street	Thorold
84W	4 Dunn Street	Oakville
85W	Front Street	Sioux Lookout
86W	Berford Street	Warton
87W	35 Prospect Avenue	Kirkland Lake
88W	Durham and Peter Streets	Walkerton
89W	39 Dickson Street	Galt
90W	Muskoka Road and Main Street	Gravenhurst
91W	Mill Street	Napanee
92W	162 Wyandotte Street East	Windsor
93W	Nelson Street	Wallaceburg
94W	1393 Gerrard Street East	Toronto
95W	Goderich and Green Streets	Port Elgin
96W	6 Marlborough Street South	East Cornwall
97W	Locke Street	Morrisburg
98W	2422 Dufferin Street	York Township
99W	1133 Yonge Street	Toronto
100W	Norman Street	Palmerston
101W	Elgin and Simcoe Streets	Collingwood
102W	591-3 Bayview Avenue	Leaside
103W	Government Road	Kapusking
104W	Nation Street	Casselman
105W	325 Simpson Street	Fort William
106W	13 Water Street	Burlington
107W	Broadway and London Streets	Tillsonburg
108W	149 West Frederika Street	West Fort William
109W	Durham Road	Hanover
110W	Market and Mill Streets	Georgetown
111W	Main and Thomas Streets	Bracebridge
112W	1373 Main Street East	Hamilton
113W	Main Street	Blenheim

BREWERIES

Bixel Brewing & Malting Company, Ltd.	Brantford
Blue Top Brewing Company, Limited	Kitchener
Brading Breweries, Limited	Ottawa
British American Brewing Company, Ltd.	Windsor
Canada Bud Breweries, Limited	Toronto
Capital Brewing Company, Limited	Ottawa
Carlings Breweries, Limited	Waterloo
Copland Brewing Company, Limited	Toronto
Cosgrave's Dominion Brewery, Limited	Toronto
Cosgrave's Dominion Brewery (East Toronto) Ltd.	Toronto
Formosa Springs Brewery, Limited	Formosa
Fort Frances Brewing Company, Limited	Fort Frances
Gold Belt Brewery, Limited	Timmins
Kakabeka Falls Brewing Company, Ltd.	Fort William
John Labatt, Limited	London
Lake of the Woods Brewing Company, Limited	Kenora
O'Keefe's Brewing Company, Limited	Toronto
Perth Brewery	Stratford
Port Arthur Beverage Company, Limited	Port Arthur
Soo Falls Brewing Company, Limited	Sault Ste. Marie
Sudbury Brewing & Malting Company, Limited	Sudbury
Walkerville Brewery, Limited	Windsor

LICENSED BREWING COMPANIES LOCATED OUTSIDE THE PROVINCE OF ONTARIO, THE
PRODUCTS OF WHICH ARE SOLD THROUGH ONTARIO BREWERS' RETAIL STORES

Molson's Brewery, Limited	Montreal, Que.
National Breweries, Limited	Montreal, Que.
(Wm. Dow & Co.—Montreal)	
(Dawes Black Horse Breweries—Montreal)	
(Frontenac Breweries, Ltd.—Montreal)	

WINERIES

SALES OFFICES

Acme Wine Co. Ltd.,	708 Danforth Ave., Toronto
889 Queen St. W., Toronto.	
Barnes Wines Ltd.,	703 Yonge St., Toronto
Grantham Twp., St. Catharines.	16 Main St. E., North Bay
	189 Front St., Belleville
Bordeaux Wines Ltd.,	771 Queen St. E., Toronto
R.R. No. 2, Stone Road, Niagara-on-the-Lake.	
Bright's Wines, Limited	513 St. Clair Ave. W., Toronto
Dorchester Road, Niagara Falls,	209 Yonge St., Toronto
Stamford Township.	186 Sparks St., Ottawa
	91 King St. E., Hamilton
	31-33 Elm St., Sudbury
	591 Ouelette Ave., Windsor
	187 Dundas St., London
	520 Bloor St. W., Toronto
	261 Coxwell Ave., Toronto
Chateau Gai Wines Ltd.,	878 Yonge St., Toronto
Stamford and Grantham Twps., Niagara Falls.	378 Talbot St., St. Thomas
	306 St. Paul St., St. Catharines
	940 St. Clair Ave. W., Toronto
Cooksville Wine Vaults	Dundas Highway, Cooksville
Alex. Thomas, Prop.,	
Dundas Highway, Cooksville.	
Danforth Wines Ltd.,	1426 Yonge St., Toronto
1076 Lakeshore Rd., New Toronto.	828 Lakeshore Road, New Toronto
	2091 Danforth Ave., Toronto
	26 Queen St. E., Toronto
Grimsby Wines Ltd.,	427 Spadina Ave., Toronto
164 Main St. W., Grimsby.	
Hamilton, J. S. & Co. Ltd.,	44-46 Dalhousie St., Brantford
44-46 Dalhousie St., Brantford.	
Jordan Wine Co. Ltd.,	169 Sparks St., Ottawa
Jordan and St. Catharines.	1314 Bloor St. W., Toronto
Kitchener Winery,	180 King St. W., Kitchener
Bruno Huehnergard, Prop.	
R.R. No. 3, Kitchener	
London Winery Ltd.,	1548 Bloor St. W., Toronto
Lambeth Highway, Westminster Twp., London.	123 Dundas St., London
	268 Princess St., Kingston
	52 Rideau St., Ottawa
	174 King St. W., Chatham
	Carden & Wyndham, Guelph
Fred Marsh Winery Ltd.,	73 Bank St., Ottawa
749 Park St., Niagara Falls.	31 Second St., Cornwall
National Wine Co. Ltd.,	27 Brock Ave., Toronto
27 Brock Ave., Toronto.	
Old Battlefield Wine Co.,	287 Ottawa St. N., Hamilton
Bertrand Sanderson, Prop.,	
R.R. No. 5, Hamilton.	
The Parkdale Wines Ltd.,	181 Bathurst St., Toronto
181-185 Bathurst St., Toronto.	1157 St. Clair Ave. W., Toronto
	42 Government Rd. W., Kirkland Lake
	499 Church St., Toronto

WINERIES—Continued

Peerless Wine Mfgs. Ltd.,	448 Queen St. E., Toronto
448 Queen St. E., Toronto.	
St. Catharines Wine Co. of Canada Ltd.,	10-10½ Cedar St. S., Timmins
Woodburn Ave., St. Catharines.	497 Parliament St., Toronto
Turner Wine Company,	198 Queen St. W., Toronto
Mrs. H. Padden Robinson, Prop.,	15 King William St., Hamilton
104-106 Front St. E., Toronto.	
Twin City Wine Co.,	287 Bay St., Port Arthur
514 McTavish St., Fort William.	
Welland Winery,	272 King St., Welland
Louis Banko, Prop.,	
268 King St., Welland.	

SCHEDULE III.

STATEMENT SHOWING THE NUMBER OF PERMITS AND LICENSES
WHICH WERE ISSUED DURING THE TWELVE MONTHS' PERIOD
ENDING MARCH 31st, 1942

Permits

Resident	43,098
Temporary	19
Duplicate	1,419
Single Purchase	4,435,802
Hospitals	222
Physician	62
Druggist	1,621
Dentist and Veterinary Surgeons	35
Manufacturers	178
Mechanical and Scientific	151
Duplicate Special	7

Licenses

Brewers'	26
Brewers' Retail Stores	1,538
Native Wine	21
Sacramental Wine Vendorships	7
Non-Potable Alcohol Storage Warehouses	4

Light Beer Permits

Brewers' Light Beer Permits	2
Brewers' Light Beer Warehouse Permits	3
Restaurant Light Beer Permits	30

Woodstock.....	4	1	2	10	105	9	4	10	48	5	1	..	1195	255	216	..	90	37	3	5	..	..	87	32
Woolwich Township.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Yarmouth Township.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
York Township.....	4	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
York East Township.....	2	4	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
York North Township.....	2	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Unorganized Territory.....	74	3	5	..	17	..	..	..	5	..	..	..	62	3	5	..	1	..	..	..	..	..	..	..
TOTALS.....	1252	259	219	10	105	9	4	10	48	5	1	..	1195	255	216	..	90	37	3	5	..	..	87	32

Ontario Department of Agriculture

REPORT

OF THE

Minister of Agriculture

Province of Ontario

FOR THE YEAR ENDING MARCH 31st, 1942

Printed by Order of
THE LEGISLATIVE ASSEMBLY OF ONTARIO
(SESSIONAL NUMBER 21) (1943)



TORONTO

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1942

DEPARTMENT OF AGRICULTURE
PROVINCE OF ONTARIO

TO THE HONOURABLE ALBERT MATTHEWS, LL.D.,
Lieutenant-Governor of Ontario.

MAY IT PLEASE YOUR HONOUR:

I have the honour to submit the Report of the Department of
Agriculture for the year 1941 - 42.

I have the honour to be, Sir,

Your obedient servant,

P. M. DEWAN,
Minister of Agriculture.

Toronto, March 31, 1942.

PRINCIPAL OFFICERS OF THE DEPARTMENT OF AGRICULTURE

THE HONOURABLE P. M. DEWAN, *Minister*

W. R. REEK, *Deputy Minister*

MISS J. M. FRY, *Secretary to the Minister*

MISS M. S. MARTIN, *Accountant*

- G. I. CHRISTIE, B.S.A., D.Sc. *President, Ontario Agricultural College, Guelph.*
- C. D. McGILVRAY, M.D.V., D.V.Sc. *Principal, Ontario Veterinary College, Guelph.*
- M. C. McPHAIL, B.S.A. *Principal, Kemptville Agricultural School.*
- E. F. PALMER, B.S.A. *Director, Horticultural Experiment Station, Vineland.*
- J. C. STECKLEY, B.S.A. *Director, Western Ontario Experimental Farm, Ridgetown.*
- S. H. H. SYMONS, B. Comm. F.S.S. *Principal Clerk, Statistics and Publications Branch.*
- J. A. CARROLL, B.S.A. *Superintendent, Agricultural and Horticultural Societies Branch.*
- L. E. O'NEILL, B.S.A. *Director, Live Stock Branch.*
- MISS MARY A. CLARKE, M.A. *Superintendent, Women's Institutes Branch.*
- P. W. HODGETTS, B.S.A. *Director, Fruit Branch.*
- C. E. LACKNER, B.S.A. *Director, Dairy Branch.*
- R. S. DUNCAN, B.S.A. *Director, Agricultural Representative Branch.*
- CHARLES M. MEEK, B.S.A. *Chairman, Milk Control Board of Ontario.*
- GEO. WILSON, B.S.A. *Director, Co-operation and Markets Branch.
(On leave of absence with W. P. and T. Board)*
- G. F. PERKIN, B.A. *Acting Director, Co-operation and Markets Branch.*
- J. D. MacLEOD *Acting Director, Crops, Seeds and Weeds Branch.*
- R. W. THOMPSON, B.S.A. *Provincial Entomologist.*
- L. STEVENSON, B.V., Sc., M.S. *Provincial Zoologist.*
- T. A. DOUGLAS, B.S.A. *Superintendent, New Liskeard Demonstration Farm.*
- W. A. MONTCALM, B.S.A. *Superintendent, Hearst Demonstration Farm.*

ONTARIO AGRICULTURAL COLLEGE

ATTENDANCE

General Course	356
Poultry Specialists—One-year Course.....	4
Short Courses in Live Stock, Veterinary Science, Farm Crops, Poultry, Horticulture, Apiculture, Farm Mechanics and Co-operation	258
Dairy Course, Three Months.....	28
Special Dairy Courses.....	188
Special Course in Foods	519
Radio Technicians	307
Total	1660

ANALYSIS OF COLLEGE ROLL, 1941-42 (General Course in Agriculture)

FROM ONTARIO

Brant	4	Lambton	7	Prince Edward	1
Bruce	3	Lanark	2	Renfrew	2
Carleton	34	Leeds	3	Simcoe	11
Dundas	3	Lennox & Addington	4	Stormont	1
Durham	3	Lincoln	10	Sudbury	1
Elgin	7	Manitoulin	2	Thunder Bay	4
Essex	16	Middlesex	11	Victoria	3
Frontenac	1	Muskoka	1	Waterloo	12
Glengarry	2	Nipissing	2	Welland	10
Grenville	5	Northumberland	3	Wellington	23
Grey	8	Norfolk	1	Wentworth	10
Haldimand	4	Ontario	8	York	65
Halton	3	Oxford	5	Total from Ontario.....	332
Hastings	2	Peel	12		
Huron	4	Peterborough	4		
Kent	8	Perth	7		

FROM OTHER PROVINCES OF THE DOMINION

Alberta	3	New Brunswick	1		
British Columbia	7	Nova Scotia	3	Total from other	
Manitoba	1	Prince Edward Island	1	Provinces	16

FROM OTHER COUNTRIES

British West Indies	2	Holland	1	Total from other	
China	1	U.S.A.	2	Countries	8
England	1			Grand Total	356
East Africa	1				

WAR SERVICES

The following buildings are occupied by Wireless School No. 4, R. C. A. F. — Watson Hall, Macdonald Institute, Macdonald Hall, Dining Hall, Mills Hall, Maids' Dormitory, Trent Institute, Administration and Students' Dormitory, Gymnasium, Memorial Hall, Skating Rink, Farm Mechanics, Bursar Hall and Laundry.

The date set for the transfer was May 1, 1941. This made it necessary for the students in Agriculture to complete their work in April. The girls of Macdonald Institute were permitted to continue during the month of May.

All buildings used for instruction and research work in Agriculture, with the exception of the Farm Mechanics Building, are retained. This made it possible for the regular work in Agriculture to continue. With the transfer of all dormitory and dining room space, it was necessary for the students in Agriculture to find living and boarding accommodations in the College community and in the City of Guelph.

Trent Institute Assists R. C. A. F.

Trent Institute was taken over by the R. C. A. F. and is now playing an important part in the programme of the School of Cookery. This made it necessary to suspend all regular class work.

Macdonald Institute Courses Adjourned for the Duration

The transfer of the buildings and equipment of Macdonald Institute to the R. C. A. F. made it necessary to suspend all regular courses in Home Economics.

Members of the staff have been assigned to other lines of work. A few members have taken positions in other institutions. To the staff of the School of Cookery, conducted in co-operation with the R. C. A. F., the following were assigned, — Miss J. Lambden, Miss M. Kay, Miss G. Pollard, Miss L. Hanna and Miss K. Beck. Mrs. A. Barber and Miss E. Kidd are assisting the Women's Institute Branch at Toronto.

The following have accepted positions elsewhere,—Miss E. Hunter, University of Toronto; Miss M. Singer, University of Western Ontario; Miss M. McQueen, University of Western Ontario; Miss M. Scott, Sick Children's Hospital, Toronto; Miss H. Pasmore, Institute of Technology and Art, Calgary, Alta.; Dr. Mary Cosens, Department of Public Health, Parliament Buildings, Toronto.

Mrs. G. Doughty, who has served Macdonald Institute for more than 32 years, was retired on September 1, 1941.

The office of the Director was moved to the Dairy Building.

Courses and Attendance

Enlistment of many young men in the armed forces, the demand for men in industry, and the shortage of labour on the farms did much to reduce the enrolment in the freshman class. The adjournment of Macdonald Institute has affected the total attendance.

However, the upper classes in Agriculture returned in large numbers. The Senior class had an enrolment of 94. Of this number, 92 received their degrees. The numbers of the third year and second year class held up well. From these groups, a number left during the year to take a place in the armed services. The total enrolment in the regular courses in Agriculture was 356.

Wartime production needs and a keen interest in farm and community organization brought a large group of interested young men and women to the College for the winter Short Courses held December 29, 1941, to January 3, 1942. Special work was given in the subjects of livestock, veterinary science, farm crops, soils, farm mechanics, co-operation, apiculture and horticulture. The attendance reached 246.

Universities and colleges were requested by the Department of National Defence to co-operate in the training of Radio Technicians. Seventy-five men were assigned to the College on June 9, 1941, for a course of thirteen weeks. Courses were continued throughout the year with a total attendance of 307.

The Department of Physics under the leadership of Professors Blackwood and Moffatt organized the work, secured the equipment and gave the instruction with the assistance of a number of special demonstrators.

The School of Cookery has been developed under the leadership of Dr. H. D. Branion, who was transferred to the Air Force on June 20, 1941, and who was given a commission as Flight Lieutenant.

The food laboratories in Macdonald Institute have been retained for the use of this school. Laboratories and equipment in Trent Institute are also used. The meat laboratory and facilities in the Departments of Poultry Husbandry, Horticulture, Dairying, Bacteriology, and Entomology have also been placed at the disposal of the School. In addition, the College is furnishing the services of a number of instructors.

C. O. T. C.

The C. O. T. C. had an establishment of 362 in all ranks. The work has gone along in a most satisfactory way and has received the hearty approval of the Command at London.

During the year, 22 members received commissions in the Active Army, 5 have been given commissions in the Reserve Army, and 10 have received commissions in the local unit.

In May, 1941, the annual camp was held in the Thames Valley, near London, with an attendance of 187 men. The two weeks' camp required of the Auxiliary Corps was held on the O. A. C. campus immediately following the closing of regular class work.

Auxiliary Battalion

For those students not enrolled in the C. O. T. C., an Auxiliary Unit was organized with a strength of 97 men. Basic training was given three nights per week throughout the College year.

University Air Training Corps

In co-operation with the R. C. A. F., an Air Training Corps was established in September with an enrolment of 23. Flying Officer A. S. Mitchell of the Wireless School gave leadership to this Unit.

Mr. G. F. Townsend is Appointed Head of Department of Apiculture

Mr. G. F. Townsend was appointed head of the Department of Apiculture and Provincial Apiarist, May 1, 1941.

Mr. Townsend graduated from the Ontario Agricultural College in 1938, obtaining the F. Eric Millen Scholarship. Following graduation, he was engaged in special research at the Banting Institute, Toronto. In July, 1939, he returned to the O. A. C. as Research Assistant in the Department of Apiculture. He is Secretary-Treasurer of the Ontario Beekeepers Association and has had several years' practical experience in commercial beekeeping.

O. A. C. Barns Destroyed by Fire

On Friday, March 20, 1942, fire destroyed the beef cattle barns. In addition to the main barn, the east wing known as the sheep barn was burned. The horse barn was saved as a result of excellent work on the part of the firemen; a good supply of water made their work highly effective.

The prompt and able assistance of students and officers of the No. 4 Wireless School resulted in the saving of all of the livestock. On the first floor some farm machinery, about 2,500 bushels of grain and ten tons of hay and a quantity of straw, lumber and other materials were burned. The loss is estimated at \$25,000.

RESEARCH AND SERVICE

The Growth of Bacteria in Creamery Waters

Investigations have shown that ordinary tap and well waters act as selective media for the growth of low temperature, alkali forming, fat splitting, and proteolytic bacteria which are especially harmful to butter and other foods in cold storage. It has been found that even the most satisfactory water supplies, if left standing in pipes, vats and other equipment, develop this characteristic microflora. The addition of chlorine prevents this growth and the amount required was found, in most instances, to be 2-3 p.p.m., or considerably less than would be required to disinfect the water after bacteria had developed.

Soil Surveys

In connection with the problem of land settlement and more effective land utilization in the Northern clay belt, a preliminary soil survey was made of an area of approximately one and one-quarter million acres. Ten land classes were established and a rating given to each class with respect to its potential value for agricultural development.

The systematic soil survey of Peel County was completed and a soil map, scale 1 inch = 1 mile, was prepared for the use of the Peel County Agricultural Representative. Twenty-seven soil types were recognized and the extent and distribution of each shown on the map.

Soil maps for the counties of Haldimand and Welland, at the scale one-half inch = 1 mile, were published during 1941 and are now available for distribution on request.

Japanese Beetle

The Japanese Beetle has been found in the Niagara Falls area, in the vicinity of the city of Windsor, and other places in Ontario. In co-operation with the Federal authorities, the Department of Entomology is assisting in control work and trapping surveys.

Manganese in Soils

A study of the existing procedures for the determination of readily soluble or active manganese has resulted in the development of a more suitable solvent for extracting this constituent from the soil. The method as now used readily distinguishes between soils known to be manganese deficient and those which apparently are adequately supplied for most crops.

Farm Drainage

Some 260 farmers were given assistance with their drainage projects. These varied from individual drains to 400 acre areas. Plans and specifications were prepared for each. A total of 2,666 acres were surveyed and 304,702 feet of drains were profiled.

Boron in Soils

The use of the sun-flower grown in small pot cultures as an indicator plant for boron deficiency in soils was studied in the greenhouse, and plant tissue analyses were made for boron in leaves and stems. So far tissue analyses have been more useful than soil analyses for indicating the available boron content of a soil.

Sugar Substitute for Ice Cream

Investigations of sugar substitutes in ice cream have shown that the normal 15 per cent sugar content may be reduced to a 14 per cent level, of which the sucrose can be further reduced to 10 or 11 per cent and the balance supplied by honey, cerelose, or corn syrup. All experimental mixes in which these sweetening products were used in the proportions recommended gave a very satisfactory ice cream.

Analysis of Water from Farm and School Wells

Nine hundred and sixty-one samples of water from farm and school wells were analysed by the Department of Bacteriology.

Yeast and Mould in Ontario Butter

Yeast and mould analyses of over 2,000 samples of butter, representing 20 per cent of Ontario's creameries, show an improvement in manufacturing and sanitary efficiency as compared with the first year in which this service was in operation.

Legume Cultures

In the furtherance of the campaign for inoculation of seed of legume crops, 4,729 cultures were distributed.

Testing of Poultry Flocks

The co-operative project carried on by the Departments of Poultry and Bacteriology on blood testing of poultry has been continued. A total of 230,162 samples of poultry blood were tested.

In co-operation with private laboratories, arrangements were made to supply 159,750 c.c. of pullorum antigen.

Effect of Rusty Cans on Quality of Butter

The use of rusty cans for collecting and storing cream was found to produce a definite lowering in grade and keeping quality of butter. Conservation and protection of cream cans by careful handling, the use of non-concentrated alkali washing solutions, and prompt cooling of cream to prevent acid development are recommended.

Barley Resistant to Mildew

Several thousand seedling barley plants, the progeny of crosses between a mildew resistant, two-row type and high yielding and good malting strains, were tested in the greenhouse for resistance to mildew, one of the serious barley diseases. Over a thousand resistant hybrids were secured. From these hybrids it is hoped by further selection to secure mildew resistant types of good malting quality and desirable agronomic characters.

Disease Resistant Forage Plants

Several hundred desirable types of Red Clover were selected from thousands of individual plants. These all showed resistance to root rot, mosaic, rust, and mildew. Rust resistant, leafy, and apparently high yielding strains of timothy and Orchard grass were also selected. These desirable disease resistant types are being multiplied for distribution.

Soil Testing Service

Over 4,500 soil samples were tested in the soil advisory laboratory.

Soil testing kits of forty operators at outside points were inspected and serviced with replacements and reagents. Twenty-five samples of limestones and marls were analysed for neutralizing value for use on acid soils. Ninety-two Reacto-soil kits were supplied to persons wishing to make reaction tests in the field.

The Reason Why Hybrid Corn Stands Up

A special investigation was conducted by the Field Husbandry and Botany Departments to determine why hybrid corn stands up better than the common varieties. It was found that it takes almost twice as much pressure to break or crush the internodes of the hybrids, compared with similar portions of the varieties. Cross sections of the internodes show, in the hybrids, almost twice the depth of hard tissue and a greatly increased number of vascular bundles. This increased depth of hard tissue not only results in increased strength of the hybrid stalk but also makes corn borer penetration more difficult.

Beef Pasture Experiment at Ailsa Craig

In the ninth year of operation, in spite of extreme shortage of moisture necessitating removal of the cattle in August, the fertilized pasture produced 50 per cent more carrying capacity and 60 per cent more beef than was produced on the unfertilized area.

Completion of the Initial Oat Nematode Investigations

Five years' investigation of the oat nematode have given consistent results in the following particulars. (a) The nematode is much more widely distributed than was at first thought. (b) Any weather or soil condition which interferes with the normal growth of the oat crop favours increased damage from the nematode. (c) A plentiful, well balanced supply of plant food permits the production of satisfactory oat crops even where the nematodes are plentiful. (d) The use of oats less frequently in the rotation increases the chances of securing a profitable crop.

Chlorine Test Kits

At the request of the Dairy Branch, Ontario Department of Agriculture, the Dairy Chemist devised a test kit suitable for checking the chlorination of butter wash water in creameries. A sufficient number of the kits was prepared to supply the needs of the creamery instruction staff of the Dairy Branch.

Soil Fertility Demonstrations

On seventy-nine farms, in twenty-three counties, demonstration projects were conducted to illustrate the effective use of manure, lime, and fertilizers, for increasing the production of such crops as grain, hay, corn, roots, and potatoes. These projects serve to bring the principles of good soil management in a practical illustration to a large number of farmers in each community where the plots are located.

Tobacco Growers' Service

Through the medium of the local office maintained at Tillsonburg, advisory service on tobacco diseases, seedling bed management, and fertility problems, was provided to a large number of tobacco growers in the new belt. One hundred and two selected farms were under special observation by the fieldman for the purpose of studying the response of the tobacco crop to fertilizer treatments recommended on the basis of soil tests.

New Honey Containers Tested

The tin shortage has seriously affected the packing of honey. Extensive tests on black iron containers with lacquer coatings have shown that ordinary lacquers are not suitable. After testing various kinds of lacquers, we have at last obtained one which at the present stage of the tests appears satisfactory.

Intensive Beekeeping Encouraged

The increased demands for honey accompanied by the restrictions on extensive beekeeping have made it necessary to develop methods of intensive management. The two-queen system was used in the College apiaries last year with such success that this method of management is being investigated further by co-operative experimental work among the beekeepers.

Bee Disease Control

During the season of 1941, 72,994 colonies of bees were inspected. Of the colonies examined, 3.9 per cent were found to be infected with American Foulbrood.

Erban Oats Resistant to Both Loose and Covered Smut

Tests repeated for five years have proved that Erban oats are very resistant to both Loose and Covered Smut.

Ammonium Sulphamate Kills Poison Ivy

In a series of experiments covering two years, it was found that an application of ammonium sulphamate readily killed poison ivy.

Wheat for Bacon Production

In a test to determine the extent to which other cereals may be replaced by wheat in a ration for bacon hogs, it was found that hogs reached market weight in the shortest time when the basal ration contained 50 per cent wheat. In all cases the feed requirement per pound gain was less than four pounds.

Poultry Breeding Stations

During the year 569 flocks containing 226,157 birds were under the supervision of the Department of Poultry Husbandry.

Salt in Chick Rations

A study of toxicity of sodium chloride in poultry rations shows that 1 per cent salt was the maximum to be used.

Feeding Oil Assays

A special laboratory was established in the Department of Animal Nutrition for the assaying of feeding oils. Direct assistance was given to the feed manufacturer and the poultryman.

Vitamin C Survey

In co-operation with the Department of Paediatrics, Sick Children's Hospital, Toronto, the Department of Horticulture has made a survey of Ontario grown fruits and vegetables to determine the Vitamin C content. Special attention was given to the forms of processing and storage.

Soil Analyses for Commercial Vegetable Crops

A study of a large group of vegetable crops grown in the areas near Aldershot, Bradford Marsh, Brantford, Burlington, Humber Bay, and London, was undertaken to determine the economic use of fertilizers in relation to quality production. A special report has been published.

Farm Water Supply and Sewage Disposal

Methods of drilling wells and securing water supply on the farms has received attention from the Department of Agricultural Engineering. In co-operation with the Agricultural Representatives, forms have been provided for the construction of septic tanks.

Professor Drummond Serves on Wartime Committees

At the request of the Wartime Prices and Trade Board, Professor W. M. Drummond, Department of Agricultural Economics, has served on a committee which has taken up the study of the Dairy Price Structure in Canada.

Professor Drummond is now making an investigation of the Packing Industry of Canada as part of the programme of the Reconstruction Committee of the Federal Government.

SCHOLARSHIPS AND GIFTS

Canadian Lakehead Exhibition Scholarship

The Canadian Lakehead Exhibition of Fort William awarded a Scholarship covering all expenses of a five weeks' course at the Ontario Agricultural College. The winner was a young farmer of the Thunder Bay District, Patrick Vaillant. While at the College, he spent his time in the Departments of Dairy and Poultry Husbandry.

Malting Barley Fellowship

A Fellowship in the Department of Field Husbandry has been established through a fund of \$1,500 contributed by the Brewers' Warehousing Co. Ltd. and the Canada Malting Co.

Attention will be given to the developing of a more suitable malting barley. A special study will be made of the smooth awn types.

Year '42 Re-establishment Fund

A Re-establishment Fund has been set up by the graduating class of 1942. The object is to develop a fund which can be used following the war for the re-establishing of common rooms, reading rooms, and other facilities of value to the student body.

The permanent executive of the year will co-operate with members of the staff in making expenditures.

A Canadian Victory Loan Bond of \$500 has been deposited with the College.

Dr. W. R. Graham Prize

The sum of \$300, balance of the Portrait Fund subscribed by staff members, former students, and friends of Dr. W. R. Graham, has been invested in Victory Loan Bonds and turned over to the College. It is understood that the interest from these bonds will be used for a prize to be known as "The Dr. W. R. Graham Prize." The award will be based on class work in Poultry Husbandry, interest and participation in the Poultry Science Club, and activities connected with the College Royal.

CHANGES IN STAFF

Promotions

- Apr. 1, 1941—Dr. M. McNab, Associate Professor of Chemistry.
May 1, 1941—G. F. Townsend, Lecturer and Head of the Department of Apiculture.

Appointments

- Apr. 15, 1941—L. R. Webber, Soil Surveyor, Chemistry Department.
June 1, 1941—R. Goodwin-Wilson, Research Assistant, Department of Horticulture.
July 1, 1941—R. Waghorne, Assistant in Chemistry and Assistant Dean.
July 1, 1941—M. L. Wright, Assistant in Bacteriology.
July 1, 1941—R. H. McNeill, Acting Director, Trent Institute.
July 1, 1941—W. R. Wybrow, Instructor, Trent Institute.
July 14, 1941—Miss Louisa E. Hanna, Instructor, School of Cookery.
July 15, 1941—J. R. Rothwell, Assistant in Chemistry.
Sept. 8, 1941—Miss Louisa E. Brill, Instructor, School of Cookery.
Sept. 8, 1941—Miss Elizabeth Master, Instructor, School of Cookery.
Sept. 11, 1941—Miss E. Dorcas Langdon, Instructor, School of Cookery.
Sept. 28, 1941—R. D. Mackintosh, Senior Demonstrator, Radio Technicians' Course.
Sept. 28, 1941—W. G. L. Flagler, Lecturer, Radio Technicians' Course.
Sept. 28, 1941—D. S. Farquharson, Senior Demonstrator, Radio Technicians' Course.
Oct. 1, 1941—H. W. Kitching, Lecturer, Department of Agricultural Engineering.
Oct. 1, 1941—A. Fulton, Lecturer, Department of Horticulture.
Oct. 3, 1941—A. R. Kemp, Lecturer, Radio Technicians' Course.
Oct. 10, 1941—H. E. Scott, Assistant in Entomology.
Oct. 13, 1941—C. R. A. Day, Lecturer, Radio Technicians' Course.
Oct. 15, 1941—D. C. Hill, Research Specialist, Department of Animal Nutrition.
Oct. 20, 1941—Miss Edna M. Daum, Laboratory Assistant, Bacteriology Department.
Nov. 1, 1941—E. V. Evans, Assistant Professor in Animal Nutrition.
Dec. 1, 1941—Miss Greta B. Kerry, Laboratory Assistant, Department of Horticulture.
Jan. 1, 1942—A. R. Mallory, Demonstrator in Apiculture.
Jan. 1, 1942—S. T. Shaver, Instructor, Dairy Department.

Resignations

- Apr. 30, 1941—R. T. Jefferson, Assistant, Department of Animal Husbandry.
 Apr. 30, 1941—E. A. H. Banks, Lecturer, Department of Horticulture.
 May 10, 1941—Miss Kathleen I. Denne, Instructor, Macdonald Institute.
 May 31, 1941—Miss Marjorie L. Scott, Instructor, Macdonald Institute.
 May 31, 1941—L. G. Klein, Foreman and Head Gardener, Department of Horticulture.
 June 30, 1941—Dr. K. A. Clendenning, Assistant, Department of Horticulture.
 June 30, 1941—Miss Helen Pasmore, Instructor, Macdonald Institute.
 June 30, 1941—C. E. Oakes, Clerk, Bursar's Office.
 July 1, 1941—Miss D. Enid Hunter, Instructor, Macdonald Institute.
 Sept. 10, 1941—Miss M. E. Singer, Instructor, Macdonald Institute.
 Sept. 15, 1941—Miss Mabel Sanderson, Instructor, Macdonald Institute and Supervisor,
 Watson Hall.
 Sept. 15, 1941—R. H. McNeill, Acting Director, Trent Institute.
 Sept. 30, 1941—J. M. Bromley, Assistant in Field Husbandry and Dean of Men.
 Sept. 30, 1941—W. D. Graham, Assistant, Department of Animal Nutrition.
 Dec. 3, 1941—J. C. Smart, Fireman, Gr. 2.
 Dec. 31, 1941—R. S. Ritchie, Lecturer in Economics.
 Feb. 1, 1942—A. Fulton, Lecturer, Department of Horticulture.

Superannuations

- May 12, 1941—Geo. H. Binns, Farm Hand, Department of Animal Husbandry.
 Aug. 8, 1941—Stephen A. Nisbet, Teamster, Department of Horticulture.
 Sept. 1, 1941—Mrs. G. K. B. Doughty, Instructor, Macdonald Institute.

Leave of Absence for Members of Staff for the Duration

- June 20, 1941—Dr. H. D. Branion, Associate Professor and Head of the Department of
 Animal Nutrition, R.C.A.F.
 Aug. 5, 1941—J. G. Mayne, Assistant, Department of Horticulture, C.A.S.F.
 Sept. 4, 1941—R. H. Ozburn, Associate Professor of Entomology, Major, 63rd Battery,
 C.A.S.F.
 Sept. 7, 1941—H. Harrison, Assistant in Botany, 63rd Battery, C.A.S.F.
 Sept. 8, 1941—P. Ferguson, Farm Hand, Department of Horticulture, 63rd Battery,
 C.A.S.F.
 Sept. 9, 1941—W. C. Calder, Teamster, Field Husbandry Department, 63rd Battery,
 C.A.S.F.

ONTARIO VETERINARY COLLEGE**CONVOCATION**

At the Convocation of the University of Toronto held on May 9th, 1941, the Chancellor, The Rt. Hon. Sir William Mulock, P.C., K.C.M.G., M.A., LL.D., conferred the degree of Bachelor of Veterinary Science (B.V.Sc.) on 58 graduates.

COMMENCEMENT

The Annual Commencement and Presentation of Prizes took place on November 5th, 1941, in the Assembly Hall of the College. J. Albert Smith, M.L.A., Hydro-Electric Power Commissioner, was the principal speaker. The prizes were presented to the successful candidates by the Hon. P. M. Dewan, Minister of Agriculture.

STUDENT ENROLMENT

A total of 196 students were enrolled. As in former years, students were in attendance from all Provinces of Canada, also from other parts of the British Empire and from the United States.

THE TEACHING AND EXECUTIVE STAFF

- C. D. MCGILVRAY, M.D.V., D.V.Sc., *Principal: Contagious Diseases, Sanitary Science.*
 W. J. R. FOWLER, V.S., B.V.Sc., D.V.M.: *Surgery, Anatomy.*
 R. A. MCINTOSH, M.D.V., B.V.Sc.: *Diseases of Cattle, Obstetrics, Therapeutics.*
 F. W. SCHOFIELD, B.V.Sc., D.V.Sc.: *Pathology, Bacteriology.*
 L. STEVENSON, B.S.A., M.S., B.V.Sc.: *Zoology, Fur-Bearing Animals.*
 J. S. GLOVER, V.S., B.V.Sc.: *Milk and Meat Hygiene, Poultry Diseases.*
 *A. A. KINGSCOTE, B.V.Sc., D.V.Sc.: *Pathology, Parasitology*
 F. J. COTE, B.V.Sc.: *Canine and Feline Diseases.*
 V. R. BROWN, B.V.Sc.: *Anatomy, Hygiene.*
 G. CAIRNS, B.V.Sc., M.R.C.V.S.: *Sporadic Diseases, Hygiene.*
 *A. F. BAIN, B.V.Sc.: *Bacteriology.*
 *R. T. INGLE, B.V.Sc., M.Sc.: *Pathology.*
 A. H. KENNEDY, B.S.A., B.V.Sc., D.V.Sc.: *Pathology, Parasitology.*
 C. E. PHILLIPS, B.V.Sc.: *Pathology, Bacteriology.*
 H. T. BATT, B.V.Sc., M.V.Sc., M.S., D.V.Sc., Ph.D. (Cornell), Certificat de l'Ecole d'Alfort (France): *Histology, Physiology.*
 R. FORBES COLGATE, B.V.Sc.: *Pathology.*
 J. K. BLAIR: *Jurisprudence.*
 A. L. SHEPHERD: *Executive Clerk.*
 MISS A. WALSH: *Secretary.*
 MISS L. NOTT: *Librarian and Stenographer.*
 MISS M. URQUHART: *Stenographer.*
 MISS E. SHEPHERD: *Stenographer.*
 * On Military Leave.

COURSES OF STUDY AND INSTRUCTION

The prescribed course of study for the degree of Bachelor of Veterinary Science (B.V.Sc.) extends over a period of five years. In the case of candidates submitting Pass Matriculation certificates, they may be admitted to the first year, while candidates submitting Honour Matriculation certificates, or who have completed one or more years in a recognized college or university, may be admitted to the second year of the five-year course.

A detailed outline of the entrance requirements and the course of studies is contained in the college calendar, which is available to those interested. In addition to the regular undergraduate course outlined in the calendar, special short courses were provided as follows:

SPECIAL PUBLIC HEALTH COURSE

A special course of instruction in Public Health was given senior students by the staff of the Ontario Department of Health. The course included the following subjects:

- Public Health Administration.*
Principles of Sanitation.
Communicable Diseases.
Food-Borne Infections.
Interpretation of Laboratory Findings.
Bacteriology of Enteric-Infections.

Human Parasitic Infections.
Inspection of Water Supplies.
Inspection of Sewage Disposal.
Inspection of Restaurants and Bottling Plants.
Industrial Hazards in Meat Packing Industry.
Ventilation and Fumigation.
Dairy Sanitation.

SPECIAL COURSE FOR FUR BREEDERS

During the month of June a course was provided for those engaged in the rearing of fur-bearing animals. About 250 fur breeders attended. The course was arranged in co-operation with the Ontario Fur Breeders' Association and comprised lectures and demonstrations on the following subjects:

Factors on Which Growth Depend.
Co-operation Among Fur Breeders.
The Platina Fox.
Successful Marketing.
Practical Handling of a Distemper Outbreak.
Silver Fox Management.
Market Requirements in Mink.
Ranch Management.
The Flesh Fly, Its History and Development.
Mink Raising Problems.

SPECIAL COURSE FOR VETERINARIANS

During the month of July a special course for graduate veterinarians was provided in co-operation with the Ontario Veterinary Association and the Canadian Feed Manufacturers Association. There were approximately 150 in attendance and the programme comprised the following topics:

Malignant Catarrh of Cattle.
Recent Developments in the Treatment of Mastitis.
Factors on Which Animal Growth Depends.
Controlled Experiments in High Protein and Vitamin Feeding of Pigs.
Swine Diseases.
The Control of Bang's Disease in Cattle.
Feeds and Feeding in Relation to Nutrition.
Diet Therapy.
A Study of Post-Mortem Findings in Swine.
Artificial Insemination Demonstration.
Clinical and Surgical Demonstrations.

During the months of December and January a series of lectures and demonstrations were given to students attending the Farmers' Short Course and Dairy Course at the Ontario Agricultural College. The course embraced the following topics:

Prevention and Control of Animal Insect Pests.
Mineral Deficiencies Affecting Farm Animals.
Preventable Diseases of Horses and Cattle.
Preventable Diseases of Sheep and Swine.
Care and Management of Breeding Animals.
Care and Management of the Young at Birth.
Cleaning and Disinfection of Stables.
Examination of Horses for Soundness.

CLINICAL SERVICE

This service is provided for veterinarians and live stock owners where clinical assistance is desired. The nature and extent of the services rendered are as follows:

Animal Clinics: These clinics are held each week throughout the College session. Animals of all classes may be submitted to these clinics for diagnosis, medical and surgical treatment.

Horses: The cases submitted were largely surgical and included fistulous withers, poll-evil, roaring, hernia, cryptorchidism, lameness including deformities of the feet and canker. Parasitic and other skin affections are frequently observed. Dental cases and tumor formations are also of common occurrence.

Cattle: Many of the cattle cases brought to the clinic represented herd conditions, among the diseases predominating being retention of the after-birth, sterility, mastitis, actinomycosis, calf scours, calf pneumonia, necrotic stomatitis, hernia, umbilical infections, leukemia, tumors, nutritional diseases and hemorrhagic septicemia.

The majority of the cattle cases were related to reproduction in the male and female. In some instances they were of an unusual character, being due to congenital deformities, functional disturbances and genital infections.

Swine: These comprised surgical cases and diseases prevailing in litters and herds. The surgical cases comprised scrotal and umbilical hernia, cryptorchidism and hermaphroditism. Among the diseases affecting herds and litters were gastro-enteritis, respiratory affections, anemia of young pigs and other nutritional diseases, parasitic diseases including lice and mange, erysipelas, hemorrhagic septicemia, necrotic enteritis and infectious rhinitis.

Sheep: The majority of these cases represented flock maladies and comprised parasitic infestation, hemorrhagic septicemia, goitre, nutritional diseases, pregnancy disease, stiff lamb disease, vaginal prolapse and cases of tetanus following docking and castration.

Small Animals: These consisted largely of pet animals, namely dogs and cats requiring surgical attention. A large number of diseased conditions were also treated, including cases of mange, eczema, distemper, chorea, gastritis and dietary conditions.

Fur-Bearing Animals: The prevention and control of diseases affecting fur-bearing animals is becoming increasingly important. Considerable investigational work was undertaken relating to losses occurring on fox and mink ranches. Diagnostic work was also undertaken in the examina-

tion of specimens submitted for laboratory examination. The laboratory work included autopsies on 77 animals as shown in the following outline:

Nature of Disease					
	Fox	Mink	Chinchilla	Nutria	Total
<i>Uremia</i>		3			3
<i>Distemper</i>		2			2
<i>Metritis</i>		1			1
<i>Staph. Infection</i>	1				1
<i>Strept. Infection</i>	2	7			9
<i>Gastritis</i>	2				2
<i>Tuberculosis</i>		1			1
<i>Toxemia of Pregnancy</i>		2			2
<i>Avitaminosis</i>	5				5
<i>Paratyphoid</i>	4	4	1		9
<i>Nursing Sickness</i>		4	1		5
<i>Gastric Ulcer</i>		2			2
<i>Heat Stroke</i>		6			6
<i>Hemorrhage</i>	1	3			4
<i>Peritonitis</i>		1		1	2
<i>Nutritional Anemia</i>	5	14		1	20
<i>Food Toxemia</i>	2	11			13
	22	61	2	2	87

EXTENSION WORK RELATING TO BANG'S DISEASE

In co-operation with practicing veterinarians and live stock owners the work relating to the control of Bang's disease in cattle (Contagious Abortion) has been further expanded, under the following plans.

1. Testing of individual herds:

Under this plan 27,429 cattle were tested, of which 79% were negative, 15% positive, 6% doubtful.

2. Testing of dairy cattle for export:

These tests were made officially covering the export of dairy cattle to the United States and comprised 4,639 cattle, of which 95% were negative, 3% positive, 2% doubtful.

3. Supervised Calftood Vaccination:

Under this plan vaccination was undertaken in 490 herds. A total of 5,691 calves were vaccinated and check tested. Vaccination was restricted to calves between 4 and 8 months of age.

4. Testing of herds in prescribed areas:

Where a group of 10 or more owners in a prescribed area desire to have their herds tested, the Department will arrange for the testing

of these herds. Under this plan 9 areas have been established as follows:

1. *Schomberg Area*: Includes 276 herds comprising 3191 cattle.
2. *Northumberland Area*: Includes 186 herds comprising 2805 cattle.
3. *Stormont Area*: Includes 54 herds comprising 970 cattle.
4. *Maxville Area*: Includes 43 herds comprising 1066 cattle.
5. *Durham Area*: Includes 36 herds comprising 480 cattle.
6. *Carp Area*: Includes 25 herds comprising 500 cattle.
7. *Orono Area*: Includes 18 herds comprising 171 cattle.
8. *Almonte Area*: Includes 14 herds comprising 179 cattle.
9. *Brockville Area*: Includes 10 herds comprising 269 cattle.

RESEARCH AND INVESTIGATION

During the year several unusual outbreaks of disease have been investigated. It is sometimes difficult for a practicing veterinarian to come to a definite conclusion as to the exact nature of a disease which may be either a new disease in the locality or an old disease manifesting unusual symptoms. With the aid of the college staff and laboratory facilities such problems can be more readily solved. A few diseases receiving attention are briefly summarized herewith.

Vitamin "A" Assays of the milk of Nursing Sows: Assays have been made to determine the number of International Units of Vitamin "A" in the milk of nursing sows especially where high mortality had occurred among the young. In several instances a very marked deficiency was detected. The feeding of cod liver oil or foods high in vitamin "A" has been found of value in lessening the mortality rate in young pigs.

Malignant Oedema: Infection in sheep, horses and cattle with *Cl. septique* does not commonly occur. An outbreak among sheep and one which affected horses and cattle in the same stable were investigated.

Poisoning with Mouldy Sweet Clover: Fatal hemorrhage following castration of three bull calves was found on investigation to be due to the feeding of slightly damaged Sweet Clover. Degeneration and necrosis of the liver was demonstrated microscopically.

Miscellaneous Diseases: Cases of the following diseases were also the subject of study: Pulpary Kidney of sheep; Johne's Disease in cattle; Splenomedullary Leukaemia in a cow, and Hemangioma in a heifer.

PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS

During the current year 479 specimens were received for laboratory examination, as indicated in the following table:

Nature of Case	Cattle	Sheep	Horses	Swine	Dogs	Cats	Rabbits	Birds	Fox	Mink	Feed Samples	Meat	TOTALS
<i>Parasitic Infestation</i>		3		3					1				7
<i>Coccidiosis</i>							4						4
<i>Trichomoniasis</i>	6—												6
<i>Mange</i>	3—			2+									5
<i>Neoplasms</i>	6		2		20								28
<i>Leucemia</i>	1												1
<i>Pasteurella Infection</i>	9	7		24				1					41
<i>Pasteurella with Streptococci</i>				17									17
<i>Brucella Infection</i>	5												5
<i>Necrophorous Infection</i>	1			1									2
<i>Salmonella Infection</i>				3			1		1				5
<i>Streptococcal Infection</i>				2	1								3
<i>Staphylococcal Infection</i>	1												1
<i>Colon Septicemia</i>	9												9
<i>Tuberculosis</i>	6												6
<i>Johne's Disease</i>	2+												4
	2—												
<i>Actinomycosis,</i> <i>Actinobacillosis</i>	12												12
<i>Gas Gangrene (Cl. septique)</i>	1	2	3										6
<i>Blackleg</i>	6+												9
	3—												
<i>Tetanus</i>		1											1
<i>Erysipelas</i>				11									11
<i>Influenza</i>				6									6
<i>Pneumonia—acute lobar</i>	6	1		20					1	1			29
<i>broncho-pneumonia</i>	1			6									7
<i>Distemper</i>					5								5
<i>Metritis</i>	2												2
<i>Mastitis</i>	10												10
<i>Hepatitis—acute</i>	1			1	2								4
<i>chronic</i>	1												1
<i>Pericarditis</i>	6												6
<i>Endocarditis</i>	2			3									5
<i>Gastritis and Enteritis</i>				23					1				24
<i>Kidney Diseases—</i> <i>Nephritis</i>	4			4	3	2							13
<i>Pulpy kidney</i>		4											4
<i>Hydronephrosis</i>		2		1									3
<i>Pyelonephritis</i>	2												2
<i>Encephalomyelitis</i>			2		5+								14
					7—								
<i>Vaginitis</i>	13			1									14
<i>Enteritis—acute</i>	3	6	1	23									33
<i>necrotic</i>				12									12
<i>Peritonitis</i>				3									3
<i>Abscesses</i>	1		1										2
<i>Swamp Fever (Suspect)</i>			6—										6
<i>Scours</i>	3			10									13
<i>Rape Poisoning</i>	4												4
<i>Hemoglobinuria</i>	4												4
<i>Food Poisoning, Botulism</i>	1—		1—							2—			4
<i>Deficiency Disease</i>		1											1
<i>Stiff Lamb Disease</i>		1											1
<i>Pregnancy Disease</i>		4											4
<i>Eczema</i>				2									2
<i>Blood Examination, Anemia</i>			3	6									9
<i>Pregnancy Tests</i>		2											2
<i>Urine Analysis</i>			2										2
<i>Phosphorous Determination</i>	7												7
<i>Miscellaneous</i>	8	2		18	7							3	38
	152	36	21	202	50	2	5	1	4	1	2	3	479

BIOLOGICAL LABORATORY SERVICE

Preparation and Distribution of Antigen. 11,890 test doses of *Brucella abortus* antigen were distributed to veterinarians for the agglutination test for Bang's disease.

Agglutination Tests. During the year 56,144 blood samples were received to be submitted to the agglutination test for Bang's disease. Included in this number are samples from cattle intended for export or exhibition purposes, from cattle in herds under the calfhood vaccination plan, and from cattle in herds in prescribed areas. The results of these tests are shown in the following table:

	Positive	Doubtful	Negative	Broken, Hemolysed or Otherwise Spoiled
<i>Routine Samples</i>	4,051	1,591	22,378	147
<i>Export or Exhibition Samples</i>	119	89	4,409	1
<i>Calfhood vaccination samples</i>	3,630	836	7,744	29
<i>Prescribed Area Samples</i>	383	405	10,320	12
<i>Totals</i>	8,183	2,921	44,851	189

ROUTINE EXAMINATIONS OF MILK AND CREAM SAMPLES

Routine tests were made on approximately 500 samples of milk and cream submitted to the laboratory from time to time. These tests included fat and total solids determinations, standard plate counts, coliform, methylene blue and resazurin reductase, phosphatase, and various mastitis tests.

POULTRY LABORATORY SERVICE

This consists chiefly in the routine examination of diseased poultry sent or brought to the laboratory. Most of the diseases remained at about the same level as the previous year. An exception was pullorum disease, which has shown a serious increase. A report of our work in connection with this is appended.

The number of specimens received during the past year, and the conditions found, are shown in the following list:

Nature of Case	Number of Cases
<i>Adult Pullorum Infection</i>	184
<i>Ascites</i>	5
<i>Avian Diphtheria</i>	14
<i>Coccidiosis</i>	294
<i>Coryza and Roup</i>	31
<i>Enteritis</i>	9
<i>Enterohepatitis</i>	58
<i>Fowl Cholera</i>	2
<i>Laryngotracheitis</i>	35
<i>Leucosis</i>	64
<i>Pullorum Disease of Chicks</i>	798
<i>Tuberculosis</i>	33

<i>Other Infections</i>	179
<i>Internal Laying</i>	14
<i>Impaction (Crop, Proventriculus, Gizzard or Intestine)</i>	19
<i>Injuries</i>	13
<i>Nutritional Conditions</i>	223
<i>Prolapse</i>	6
<i>Ruptured Liver</i>	20
" <i>Oviduct</i>	8
<i>Tumours</i>	50
<i>Worms (Ascaridia)</i>	38
" <i>(Capillaria)</i>	69
" <i>(Large Tapes)</i>	75
" <i>(Minute Tapes)</i>	81
" <i>(Round Tapes)</i>	51
<i>External Parasitism</i>	16
<i>No Evidence of Disease or Putrid</i>	192
	2,591
<i>Total</i>	

STUDENTS' MILITARY TRAINING

Under an arrangement with the Department of National Defense, provision was made whereby students in the age groups eligible for military service were permitted to continue their studies at College and at the same time obtain part of their military training. The student body was therefore organized to form "B" Company of the Auxiliary Training Battalion. The Canadian Officers' Training Corps also provided an opportunity for students to qualify as Lieutenants in the Reserve Army during their college course.

During the year a large volume of correspondence has received attention, together with personal interviews with those seeking advice regarding their animals. The demand for veterinary extension, investigation and research work has noticeably increased. This is particularly evident in connection with the adoption of calf vaccination as an aid in the control of Bang's disease in cattle. With the increased demand for these services the entire staff has been exceedingly busy and have performed their duties faithfully. Efforts have been directed towards maintaining a high standard of efficiency and all expenditures have been carefully checked and kept at a minimum cost.

KEMPTVILLE AGRICULTURAL SCHOOL

The Kemptville Agricultural School each year more definitely establishes itself as a force in directing the trend in Agriculture in the eastern part of the province. During the war years it has been found that many and more requirements of production and especially those pertaining to emergency crops, demand a great deal more time and effort from the staff on Extension Work.

A Regimental School of Instruction has been established for the Agricultural students, and nine hours of each week are devoted to this part of the course. At the completion of the term, an examination is conducted by Officers of Military District No. 3.

The increased demand for more cheese for Britain caused an urgent need for more cheese makers, with the result that the attendance in the Dairy Course showed an increase over previous years.

The students in Home Economics were given extra training in subjects such as Motor Mechanics, Horsemanship, First Aid and Gardening.

The attendance in the various courses was as follows:

<i>Agriculture—Senior Year (two-year course)</i>	21
<i>Junior Year (two-year course)</i>	20
<i>Home Economics—Homemakers' Course (one year)</i>	18
<i>Home Economics Course (two years)</i>	9
<i>Short Course in Agriculture</i>	39
<i>Dairy Course—Cheese and Buttermakers' Course</i>	47
<i>Total</i>	<u>154</u>

During the year various Associations held their annual Field Days or Conventions on the school grounds.

The Kemptville Agricultural School wishes to acknowledge the assistance and co-operation given to the School by the Agricultural Representative Branch, Dominion Experimental Farm Services, Ontario Women's Institute Branch, Ontario Livestock Branch, Dominion Health of Animals Branch, Dominion Economics Branch, Dairy and Cold Storage Branch (Ottawa), Ontario Field Crops and Weeds Branch, Dominion Production Services and the Agricultural, Weekly and Daily Press.

Scholarships were donated to the students by The Ottawa Farm Journal; Geo. T. Fulford, M.P., Brockville; Rt. Hon. Geo. P. Graham, Brockville; W. B. Reynolds, M.L.A.; E. A. MacGillivray, M.P.P.; J. I. Robinson, Vice-President, Crane Ltd., Montreal; Ottawa Kiwanis Club; Renfrew Junior Farmers; Glengarry Holstein Club; Lanark Junior Farmers; Glengarry Junior Farmers; Carleton Boys' Club; Montreal Provisions Trades Association of the Montreal Board of Trade; Ontario Cheese Producers' Association; Ontario Creamery Association (Eastern Section).

Prizes were given to the students by the following interested persons: Anderson Department Store, Kemptville; Hon. G. Howard Ferguson, Royal Bank of Canada, A. J. Logsdail, J. F. Fraser, Mrs. W. J. Gordon and Mrs. Gerald Walker (daughters of the late Prof. W. J. Bell), Agricultural Students of Year '40, and S. F. Lawrason and Company, Limited, London, Ontario.

DEPARTMENT OF HOME ECONOMICS

The enrolment in the Home Economics Classes this year was nine seniors and eighteen juniors and Homemakers. This year's senior class had the highest academic standing of any class yet registered.

The Girls' Wartime Emergency Course has been carried on for the second year. In addition to first aid, car driving, motor mechanics, stretcher work and gas defence, the girls learned to drive tractors and harness teams. Some Red Cross work has been carried on by the students and the Clothing Laboratory is used several times each week by the local Red Cross group.

Over 100 girls attended the 3-day Conference given in conjunction with the Women's Institute Branch.

The staff has conducted lectures in Home Economics, supervised the students' residence and given assistance in Rural Women's activities. The latter consisted of over 40 meetings with a total attendance of 2,300. Various Women's Institutes' groups visited the school for special picnics and demonstration lectures.

Assistance was given with the women's programme at the Ottawa Exhibition, Girls' Achievement Days and with the judging at Fall Fairs.

A two-day course was held for women who act as judges at the Fall Fairs, with an attendance of 26.

DIVISION OF ANIMAL AND FIELD HUSBANDRY

Pure Bred Live Stock

All classes of pure bred live stock continued to make satisfactory improvement during the year. In the dairy herd both herd sires were changed.

Commercial Live Stock

During May, 6 pure-bred Shorthorn heifers and 5 head of grade Aberdeen-Angus heifers were purchased. The heifers were used for class-room and demonstration purposes during the year, and a few of them may be retained as a nucleus for a pure-bred beef herd.

Farm Crops

The prolonged period of drought during the early part of the 1941 season seriously affected the yield of practically all farm crops, and while the average yield was fair, it was considerably below average of the last 5 years.

Seed Cleaning Plant

The Seed Cleaning Plant was again operated successfully, although the volume of business was not as heavy as for the previous season. Number of farmers using the plant totalled 251.

Approximate receipts, \$642.34.

Lecture Course

During the year the division gave a course of lectures to the regular students, Dairy Students and Short Course students in Animal and Field Husbandry, attended 27 field days, 61 meetings and judged at 16 fairs.

DIVISION OF CHEMISTRY, SOILS AND FERTILIZERS

Permanant Fertility Trials

These are being conducted at the following locations, with the length of time each has been carried on: Merrickville, 3 years; Bainsville, 2 years; Foxboro, 1 year.

Co-operative Cereal Variety and Fertilizer Test

This project is carried on in co-operation with the Cereal Division, Central Experimental Farm, Ottawa, and deals with the testing of different varieties of cereals and the effect of fertilizer on various selected varieties. Tests at fifteen locations in Eastern Ontario were laid out with fertilizer tests conducted at ten centres.

Demonstrational and Special Plots

This project included test work on rates of fertilizer applied to potatoes and with different varieties of potatoes; boron applications to Alfalfa and Clover for seed production; the use of phosphates in fortifying manures; test trials of regular versus granular fertilizer; pasture fertilizer treatments.

Soil Testing

Over 1,200 samples were tested during the past year and reports and advice given. Several well-attended meetings were addressed where soil and fertility problems were discussed.

Summary of Locations and Plots

Project	Locations	No. Plots
<i>Project No. 1</i>	3	12
<i>Project No. 2</i>	15	2184
<i>Project No. 3</i>	46	296

DIVISION OF AGRICULTURAL ENGINEERING AND DRAINAGE

This division acted as Drainage Supervisor for Eastern Ontario, working under the direction of the Drainage Department, Ontario Agricultural College, Guelph. During the season 30 visits were made, of which 13 were advisory and 17 were preliminary surveys for which 40,566 feet of profile were made. In addition 30 acres were systematically surveyed. There were no inspections made. The amount of drainage work done during the year was below average, due mainly to a shortage of help on the farms.

Division of Poultry

The Poultry Plant had a successful year and some excellent egg records were made by birds in the K.A.S. flock.

Due to war conditions the nature of extension work has been somewhat changed and greater emphasis laid on the production of high quality eggs for the British market. There has been a heavy demand for lectures at Women's Institutes and Farmers' Clubs on this subject during the past year with a resulting increase in farm flocks.

Division of Horticulture

During the past year lectures were given to the students in Agriculture, Short Course students and to the Girls' Conference. Demonstrations were also given at several outside places on pruning, grafting and budding, particularly with reference to the development of the hardy double-worked apple trees recommended for planting in Eastern Ontario.

Last summer was exceptionally dry and unsatisfactory for successful budding operations. Consequently, it is expected that much of this work attempted last year in the young hardy school orchard, will have to be repeated this year. From present indications this young orchard will begin to yield some fruits of the new varieties that have been planted in it, to test their value and suitability for eastern conditions.

Institutions and individuals contributing plants or trees for trial purposes include Central Experimental Farm, Ottawa, The Horticultural Experiment Station, Vineland, and Dr. McIntosh, of Spencerville. Their contributions are acknowledged with sincere thanks.

Division of Dairying

The 48th session of the Dairy Course for Eastern Ontario had an enrolment of 47 students. Forty-five students registered for the three months' diploma course, and two for special. The number attending the three months' dairy diploma course is the highest on record. Sixty-one applications were received and of these 34 per cent were unable to register owing to war and other conditions. Sixteen counties were represented in the registration, namely: Addington 2, Carleton 2, Dundas 2, Frontenac 3, Glengarry 6, Hastings 5, Lanark 1, Leeds 5, Lennox 2, Norfolk 1, Northumberland 2, Peterborough 3, Prescott 6, Prince Edward 1, Russell 3, Stormont 1. One student registered from the Province of New Brunswick. Thirty-five students completed and passed all their examinations.

The following donations have been received for prizes to stimulate competition among the dairy students: Montreal Provision Trades Association, \$100; Ontario Cheese Producers Association, \$50; Ontario Creamery Association (Eastern Section) \$10; S. F. Lawrason and Company, Limited, London, Ont., Silver Trophy for the student showing best attitude to dairy work.

A special Short Course for Cheesemakers and Buttermakers was held, with 51 attending.

A bacteriological service supplying Lactic Cultures to cheese factories in particular, and other dairy plants, has been established and conducted from the dairy laboratories. During 1941, 863 of these cultures were supplied.

Dairy Chemistry services and supplies have been provided for the Cheese and Creamery Instructors in Eastern and Northern Ontario.

During the year 50 visits were made to outside places in connection with the work of the school and the Dairy Branch, which included 65 cheese factories and creameries, and addresses to 14 Cheesemakers' and Buttermakers' Club meetings.

HORTICULTURAL EXPERIMENT STATION, VINELAND

Some of the activities of the Station are briefly noted under the general headings of Research, Plant Breeding, Variety Testing and Extension. A more complete survey of Experiment Station work is under preparation and will, it is expected, be printed as a separate report of the Horticultural Experiment Station.

RESEARCH

The following research projects were started in 1941. Detail as to the purpose and need of each project will appear in the more comprehensive Station Report indicated above.

Project No. 411. Incompatibility of rootstock and scion as affecting size, shape and quality in pears, particularly Bartlett and Kieffer.

Project No. 412. Mahaleb, Mazzard and F12/1 as rootstocks for sweet and sour cherries.

Project 413. Hardy rootstocks for apples.

Project 414. A comparison of pruning methods for peach trees.

Projects Completed. One research project was completed in 1941 and most of the 4-acre apple orchard involved has now been removed. This was *Project No. 232*, a study of various complete sod mulch treatments in comparison with the usual clean cultivation and cover crop method for apple orchards. The project is fairly completely detailed in the 1940 Report of the Minister of Agriculture.

Projects Incomplete. At present there are some thirty active research projects for which additional data is secured each year. These projects or investigations deal in general with the following:

1. Tree pruning and training.
2. Orchard soil management.
3. Soil organic matter studies.
4. Mineral deficiency symptoms in horticultural crops.
5. Soil fertility studies with the red raspberry and the peach.
6. Effect of time of picking on grade and yield of peaches.
7. Varieties and conditioning of plums for export market.
8. Pruning and fertilization of the Concord grape.
9. Fall and spring planting of nursery trees.
10. Transplanting of nursery stock.
11. Rootstocks for fruit trees.
12. Fruit products investigations.
13. Hormone sprays.
14. Staking and pruning of early tomatoes.
15. Asparagus progeny tests.

No progress report can be given here on these investigations. Information is included, however, on the first season's operation of the newly established Fruit Products Laboratory. (Project 404).

Project 404. Fruit Products Investigations. The fruit products laboratory established in 1940-41 in co-operation with the Horticultural Division, C. E. Farm, Ottawa, started processing fruits and vegetables with the 1941 crop. The accompanying figures indicate the extent of the first season's work.

FRUIT	Fruit Processed in 1941			
	Number of Varieties			
	Whole	In Cans Pitted	Juiced	In Glass
<i>Apricot</i>	9	8	1	8
<i>Blackberry</i>	1		1	1
<i>Cherry</i>	13	11	12	12
<i>Nectarine</i>		1		2
<i>Peach</i>		25	2	34
<i>Plum</i>	20		2	20
<i>Raspberry</i>	14		5	12
<i>Tomato</i>	25		25	
<i>Rhubarb</i>			2	2
	82	45	50	91

Samples of all varieties canned and juiced are to be sent to the Sick Children's Hospital, Toronto, and the C.E.F., Ottawa, for vitamin analysis, as well as commercial evaluation.

PLANT BREEDING

No mention will be made in this report of the extensive breeding programme with our commonly grown kinds of fruits and vegetables. It is worth while, however, to record certain phases of the general plant improvement programme not usually noted.

Distribution of plant material. In order to secure adequate test of promising Station selections before officially naming and introducing them, plant material is sent to interested commercial growers, and experiment stations elsewhere. In tree fruits usually 5-10 trees are sent to each grower, and in small fruits 25-100 plants; in vegetables an amount of seed or plants adequate for a substantial test. The following figures indicate the extent of this work with fruits since 1926, or during the past 15 years.

DISTRIBUTION OF SELECTED SEEDLINGS FOR TRIAL

Fruit	Trees or Plants			Buds	
	No. of Sele- ctions	Total No. Distri- buted	No. of Grower Contacts	No. Distri- buted	No. of Grower and Nursery Contacts
<i>Sweet Cherries</i>	14	305	68	6,560	66
<i>Peaches</i>	8	472	60	9,500	18
<i>Grapes</i>	14	30	3	200 (cuttings)	14
<i>Strawberries</i>	7	14,800	76	—	—
<i>Raspberries</i>	1	25	1	—	—

PROPAGATED FOR DISTRIBUTION IN 1942 AND 1943

<i>Apple Seedling</i>	= 25081	125 trees
<i>Pear Seedling</i>	= 25141	75 "
<i>Cherry Seedling</i>	= 27016	50 "
<i>Cherry Seedling</i>	= 270215	50 "
<i>Peach Seedling</i>	= 250524	100 "

In vegetables some distribution has been made following actual naming and introduction. This has been necessary in order to secure adequate early dissemination. To date material has been sent out as follows:

Variety	No. Grower Contacts	Expr. Sta. Contacts	Seed Firms	Foreign
<i>Vetomold Tomato</i>	82	11	6	50
<i>V-121 Tomato</i>	12	2	1	1
<i>Harkness Tomato</i>	60	6	4	3
<i>Valentine Rhubarb</i>	20	6	6	4
<i>Vinecross Hybrid Sweet Corns B1, B2, B3, B4, B5, B6</i>	10	5	3	—

With the hybrid sweet corn the purpose is to make available to dependable growers seed of the parent inbred lines from which these growers will produce hybrid seed corn for sale to market gardeners, etc. About 500 lbs. of Vinecross B4 seed and 1,000 lbs. of Vinecross B5 were produced by growers in 1941 for such sale.

The Vetomold greenhouse tomato was named and introduced in 1939 and is now quite extensively grown. Based on an estimate of seed produced and sold by commercial seed houses there would be in crop (twice each year) in 1940-41 approximately 40 acres of glass in Ontario and Eastern Canada, 40 acres in B.C., perhaps 20 acres in the U.S. and an unknown but substantial Old Country acreage. It was found in 1940 that on some Ontario crops mold was causing rather severe injury to the Vetomold. Investigation led to the discovery of the presence of a new form of the mold disease to which the Vetomold was susceptible. In 1940 new selections were made which carried considerable resistance not only to the new mold type (form 5) but to all the other known types. Selection V-121 has been distributed during 1941 to Ontario growers where Vetomold failed to resist the disease. Breeding work is being continued to combine the immunity of Vetomold to forms (1, 2, 3, 4,) and the resistance of V-121 to all forms of the mold.

Beet Seed. The Experiment Station undertook to grow in 1941 enough stecklings of registered Detroit Dark Red beet to produce ten acres of seed in 1942. 170 bushels of stecklings were stored for distribution to seed growers in the spring of 1942. This work is under direction of the War Time Ontario Committee on increased production of field root and garden vegetable seed.

Distribution of Propagating Material. Nursery companies and fruit growers are encouraged to come to the Experiment Station for propagating material, scions, budwood and cuttings and this service has been welcomed by many of them. There is a measure of uncertainty as to

variety in a grower's orchard unless the fruit is mature or nearly mature at that particular time. The orchards of the Experiment Station, on the other hand, being named and labelled correctly, present a thoroughly dependable source of propagating wood available to all nurseries and growers up to the limit of supply. In several instances where sufficient material was not available in the Station orchards another source was checked for trueness-to-name. In the following table the extent of the distribution from the Station orchards is shown for the period 1935-41 inclusive.

Distribution of Standard Varieties to Nurseries and Growers to Assure True-to-name Propagating Stock (1935-41 incl.).

	No. of Varieties	No. of Buds	No. of Nursery and Grower Contacts
<i>Apples</i>	25	250,000	30
<i>Pears</i>	6	2,000	16
<i>Plums</i>	12	5,000	23
<i>Cherries</i>	12	22,000	30
<i>Peaches</i>	49	60,000	30
<i>Grapes (cuttings)</i>	35	17,000	139

Chance Seedlings sent in for Test. Every year a number of seedling fruits are brought to Station attention. Most of these, on the basis of fruit examination have no particular promise, and the sender is so advised. Some seedlings, however, do indicate promise and steps are taken for adequate testing.

With the sender's consent, and Station assurance that the seedling remains his property, a sufficient propagation is made to supply trees or plants for the Station test orchards. Later, as fruiting information is available, the owner of the seedling is advised of its possible commercial value.

The following numbers of chance seedlings have recently been tested or are now under test in Station orchards.

Fruit	Number of Seedlings
<i>Apples</i>	23
<i>Cherries</i>	3
<i>Peaches</i>	32
<i>Pears</i>	3
<i>Plums</i>	5
<i>Blackberries</i>	1
<i>Raspberries</i>	18
<i>Strawberries</i>	6

In peaches 14 of the 32 noted were sent in for test in 1941. The 32 seedlings cover the period 1936-1941 only.

Canadian Horticultural Council. In co-operation with the Council the Station tests new varieties of fruits, vegetables and ornamental material registered with the Council. Since 1927, plant material sent in for test includes the apple, cherry, peach, pear, plum, strawberry, rhubarb, dahlia, delphinium, gladiolus, paeony. Those received in 1941 were Victory peach, Grace Darling paeony, Helen French gladiolus.

1941 Station Introductions. The Vanguard peach, Valentine strawberry and V-121 greenhouse tomato were introduced in 1941.

Vanguard Peach. (Sdlg. No. 250512). From a cross of Vaughan and Valiant, two earlier Station introductions. Yellow flesh, semifree to freestone. Fruit large, streaked with red, attractive, good quality, maturing about August 16th at Vineland, or a day or two later than Oriole and Fisher. Tree vigorous, spreading. Crops well, requiring moderate thinning only. Blossoms small, with good pollen.

Valentine Strawberry. (Sdlg. No. 270114). From a cross of Premier and Vanguard. Plants are large, vigorous, healthy, producing sufficient runners but not so many that thinning is required. Also they stand up well under dry weather conditions. The fruit is medium to large, holding its size well throughout the season. In shape it is round conic, and is smooth and attractive with moderately prominent seeds. It is unusually firm and so should carry well. Quality is fair or better, moderately acid. In season Valentine is very early, this being its most valuable character. It is a full picking ahead of Premier. Approximately 1,600 plants were distributed for trial from time to time between 1933 and 1941.

V-121 Tomato. This is a greenhouse variety to replace Vetomold where that variety has proved susceptible to leaf mold. Vetomold is immune from all varieties of leaf mold except one, to which unfortunately it is completely susceptible. V-121, while it is not immune from any of the varieties of mold, is highly resistant to all of them. Since it is resistant rather than immune, V-121 should be grown by itself and not mixed with susceptible varieties.

V-121 was derived from the same parent varieties as Vetomold, *i.e.*, Red Currant and Potentate. The plant is vigorous, compact, with fruit clusters frequently branched. Blossoms pollinate easily. The fruit is of medium size, 6-7 to the pound, uniform, smooth. Flesh characters and quality are good.

VARIETY TESTING

In tree fruits, from three to five trees of a variety are planted for such tests. In small fruits relatively more plants are grown. Records include the source of the new variety (Nursery or Institution), year planted, seasonal notes on growth, hardiness, blooming date, fruitfulness, season of maturity, quality, value, market reaction, etc.

SUMMARY OF VARIETY TESTS. FRUITS

	No. of Varieties Under Test 1941	Present Acreage in Tests	No. of Varieties Previously Tested
<i>Apples</i>	187	8	190
<i>Apricots</i>	18	1	6
<i>Cherries, Sweet</i>	26	2	35
<i>Cherries, Sour</i>	14	1	27
<i>Peaches</i>	90	10	180
<i>Pears</i>	80	3	111
<i>Plums</i>	41	3	137

Quinces	0	0	8
Grapes	53	1	149
Currants	21	} 1/4	37
Gooseberries	10		45
Raspberries and Blackberries ...	45	2	42
Strawberries	36	1	203
<i>Totals</i>	621	32 1/4	1170

Vegetables. Variety testing includes the various crops listed below. The purpose of this work is to evaluate for Ontario conditions the commercial possibilities of the many new varieties which are constantly being offered.

SUMMARY OF VEGETABLE VARIETY TESTS TO 1941

Crop	No. Varieties Tested 1941	No. Tested Previous to 1941
<i>Bean</i>	10	20
<i>Beet</i>	4	20
<i>Cabbage</i>	5	15
<i>Carrot</i>	4	20
<i>Cauliflower</i>	3	15
<i>Celery</i>	5	25
<i>Corn</i>	6	40
<i>Cucumber</i>	4	25
<i>Eggplant</i>	3	15
<i>Lettuce</i>	8	40
<i>Melon</i>	12	25
<i>Watermelon</i>	5	10
<i>Onion</i>	5	22
<i>Pepper</i>	4	20
<i>Spinach</i>	4	18
<i>Squash</i>	4	20
<i>Tomato</i>	75	260

Vegetables. National Trial Plots. In addition to the regular variety test work, the Station has co-operated for five years with the C.S.G.A. and the Seed Division, Dominion Production Service, in (1) testing for purity and trueness-to-type, commercial vegetable seed offered for sale, and (2) testing of new varieties and strains offered from any source. Seed samples are submitted and tested under three classifications.

“Purity”. From commercial stocks, collected by the inspection service.

“Merit”. Samples submitted by breeders, seedsmen or Experiment Stations.

“Verification”. Samples from registered or pedigreed lines of improved varieties.

Crops under the above tests are:

bean	citron	melon	radish
beet	corn (sweet)	onion	spinach
cabbage	cucumber	parsnip	squash
carrot	eggplant	pea	tomato
cauliflower	endive	pepper	vegetable marrow
celery	lettuce	pumpkin	

EXTENSION

Spray Service: This covers Welland, Haldimand and Lincoln counties, Wentworth east of Hamilton and a few growers in Halton who grow tender fruits. Starting with 553 growers in 1929, the Service has been constantly expanding and now includes over 1500 growers who receive 12 to 15 carefully timed circular letters during the spray season, advising in detail how, when and what sprays to apply.

Nursery Stock Inspection: This inspection is for varietal mixture. Each year practically all nursery trees of commercial varieties in Ontario coming to salable age are examined, mixtures either being broken down or correctly labelled. Starting in 1925, from 600,000 to over 1,000,000 trees have been examined each year. In 1941, 904,150 trees were inspected, mixture being 4,889 or 0.5 per cent.

Soil Testing: The Vineland Laboratory is one of seven officially designated soils labs of the Ontario Department of Agriculture, the service from Vineland being especially designed to serve the needs of fruit growers. Routine analysis includes soil reaction (acidity), nitrate nitrogen, phosphates, potash and lime. On the basis of the analysis fertilizer recommendations are given to the grower. 401 analyses were made in 1941.

Growers' Meetings: 38 meetings were addressed, on invitation, by various staff members with an average attendance of 70 growers.

Articles, Technical

Compatibility of Bechtel's Crab on Some Malling Rootstocks: W. H. Upshall, *Sci. Agric.* 21:687-688. 1941.

Some Factors Affecting the Nitrate Content of an Orchard Soil: O. A. Bradt and G. H. O. Dickson, *Sci. Agric.* 22:61-67. 1941.

Methods of Handling Elberta Peach Pits in Relation to Nursery Germination: W. H. Upshall, *Proc. Amer. Soc. Hort. Sci.* 40. 1942.

Popular Articles

The Ontario Horticultural Experiment Station: E. F. Palmer, *St. Catharines Standard*, April 1941.

Early Yields from Grape Vines: W. H. Upshall, *Can. Hort. & Home Mag.*, Jan. 1942.

Save Labour Costs by Proper Grape Training: J. R. van Haarlem, *Can. Hort. & Home Mag.*, Feb. 1942.

The Orchard Tree in Its Infancy: W. H. Upshall, *Can. Hort. & Home Mag.*, March 1942.

The Peach Variety Question: J. H. van Haarlem, *Can. Hort. & Home Mag.*, April 1942.

WESTERN ONTARIO EXPERIMENTAL FARM, RIDGETOWN

The Experimental Farm at Ridgetown had a successful year. Crops were satisfactory and Extension and Experimental work were extended considerably.

The weather was very dry. In only three months, June, August and October, was the precipitation up to average.

The practice of selling seed to farmers was continued, and in some cases expanded. Fall wheat, oats, winter barley, spring barley, beans, soy beans and crossing stocks of corn were supplied to farmers at reasonable prices.

The annual live stock sale was held on the second Wednesday in August as usual. One hundred and six head of swine and seven head of cattle sold for \$4,695.

Farmers' Week was held as usual during the third week in January. The attendance at most sessions was all that we could accommodate.

CATTLE

Cattle breeding work was carried on as usual. Our herd of Short-horns is restricted to around twenty head. An attempt is being made to develop a reasonable amount of milk without lowering beef producing ability. Four heifers were tested for milk production during the year and three were retained in the herd.

A carload of steers was brought in to continue the trial of feeding at so much a pound gain. The price this year was raised from eight to ten cents. The following table gives a review of the four years of feeding under this plan:

	1939	1940	1941	1942
<i>No. of steers</i>	8	12	15	20
<i>Original weight</i>	859 lbs.	872 lbs.	1002 lbs.	1004 lbs.
<i>Finished weight</i>	1165.2 lbs.	1129.5 lbs.	1317 lbs.	1219 lbs.
<i>Gain</i>	306.2 lbs.	257.9 lbs.	315 lbs.	215 lbs.
<i>Gain per day</i>	1.9 lbs.	1.8 lbs.	1.8 lbs.	1.4 lbs.
<i>Profit per steer over feed cost</i>	\$4.23	\$8.09	\$8.96	Loss \$2.60

The cattle were fed during a shorter period in 1942 than in other years and one steer had to be disposed of early in the feeding season; this accounts for the lower returns during the year. The ration fed these cattle included bean straw, corn fodder, corn silage, corn cob meal and cull beans, with a small amount of oats. Clover hay was also used for the last three weeks. During the feeding period, a test was made to ascertain the value of cooked beans. Part of the period the beans were fed raw. Eighty per cent of the cattle did as well on raw beans as when they were cooked, but the other 20% did not do so well on account of the lack of palatability of the raw beans. After the change was made to cooked, these steers gained almost as well as the others.

Tests were carried on with a number of annual pasture crops for cattle. Marrow stem kale, sudan grass and Early Amber sugar cane were best during the dry season of 1941, while a new grass, known as Michele, is proving to be the earliest crop for Spring pasture. In permanent pasture, Ladino clover and Parkland Brome Grass should have a place in Southwestern Ontario mixtures.

SWINE

The breeding programme in swine remained the same as in former years. Two young boars were purchased during the year. Eighteen sows were kept in the herd, which produced a revenue of \$6,100.

An experiment was run during the year to ascertain whether the method of feeding pigs the amounts they would clean up in fifteen minutes would give as good results as when pigs were fed larger quantities and the feed allowed to remain in the trough for some time after feeding.

Lot No. 1 of the following table was fed by the first method while Lot No. 2 was fed by the second.

	Lot No. 1	Lot No. 2
<i>Initial weight</i>	310 lbs.	305 lbs.
<i>Selling weight</i>	1204 lbs.	1199 lbs.
<i>Total gain</i>	894 lbs.	894 lbs.
<i>Feed consumed per lb. gain</i>	3000 lbs.	3400 lbs.
<i>Feeding days</i>	497	490
<i>Dressed weight</i>	889 lbs.	895 lbs.
<i>Dressing per cent.</i>	73.8	74.6
<i>Average gain per day</i>	1.6 lbs.	1.8 lbs.
<i>Grades</i>	2-A	4-A
	4-B 1	2-B 1

Our pig ration during the year was made up largely of oats, barley and cull beans. Corn was rather high in price, averaging around \$1.00 per bushel for dry corn, while cull beans could be purchased at fifty cents a bushel, so that all swine rations, except at weaning time, had considerable cull beans in them. For finishing hogs, the following ration was fed: Barley 55 lbs., Oats 27 lbs., Beans 25 lbs. and Tankage 3 lbs. Pigs fed on this ration gave us a gain at the rate of 3.5 lbs. of feed per pound gain. They also graded well as we had 15 A's and 3 B-1's in one lot of 18.

Alfalfa is still rated as the most satisfactory pig pasture, although marrow stem kale gave almost as good results throughout the year. All other annual pastures for pigs have a very short season when compared to these two crops. The best results from these others were from soy beans.

CORN

The growing of crossing stocks for hybrid seed corn expanded greatly throughout the year. A fireproof, vermin-proof storage was constructed and several new pieces of equipment were purchased. In the Spring of 1941 we distributed stock for 960 acres and in the Spring of 1942 over 3,300 acres.

We co-operated with the Dominion Experiment Station at Harrow in the testing of hybrid corn. A variety test plot was conducted at Ridgetown, as well as one in Lambton County and one in Middlesex County.

The following table gives the varieties and yields tested at Ridgetown during the season:

Hybrid	Height inches	Moisture %	Actual Yield bushels
<i>Wisconsin 695</i>	103	47.8	79.6
<i>Indiana 610</i>	103	48.2	78.0
<i>Ohio C 14</i>	102	46.6	64.7
<i>Pioneer 311 A</i>	105	44.8	89.7
<i>Iowa 942</i>	104	44.9	85.9
<i>Funk's G 15</i>	102	46.0	81.4
<i>Iowa 939</i>	107	45.7	80.8
<i>Wisconsin 696</i>	105	44.9	80.0
<i>Pioneer 315</i>	105	44.0	92.9
<i>Pioneer 322</i>	99	42.9	88.5
<i>Kingscrot F.B.</i>	104	43.1	86.9
<i>De Kalb 421</i>	99	43.5	86.6
<i>De Kalb 404 A</i>	102	42.3	86.3
<i>Wisconsin 676</i>	103	41.7	83.2
<i>Wisconsin 625</i>	103	41.2	82.1
<i>Kingscrot F K</i>	99	41.9	79.1
<i>Ohio W 17</i>	102	42.3	78.1
<i>De Kalb 202</i>	93	42.5	73.5
<i>Pioneer 357</i>	97	40.1	84.1
<i>Can. Golden Glow (S)</i>	108	41.4	83.1
<i>Ohio M 15</i>	105	40.5	81.5
<i>Yellow Dent (L)</i>	101	39.9	64.4
<i>De Kalb 240</i>	101	38.2	93.1
<i>Wisconsin 645</i>	101	38.9	89.0
<i>Wisconsin 606</i>	101	38.9	86.0
<i>Harrow 102</i>	107	38.6	85.8
<i>Harrow 82</i>	101	37.8	82.6
<i>Minnesota 403</i>	98	38.3	82.3
<i>Wisconsin 531</i>	99	38.9	81.8
<i>Kingscrot M</i>	99	37.7	79.9
<i>Harrow 109</i>	101	39.1	78.7
<i>Pioneer 355</i>	98	37.2	81.5
<i>Minnesota 301</i>	94	36.0	76.2
<i>Wisconsin 456</i>	93	36.3	74.3
<i>Ontario Golden Glow</i>	101	36.7	65.8
<i>Wisconsin 355</i>	88	33.7	66.0

It will be noted that the different plots are grouped according to their maturity based on the moisture percentage when the corn was harvested. This puts Ontario 355 in a decidedly earlier class than any of the other varieties in this test. By taking the percentage of the moisture at the time the grain is harvested the maturity is determined more accurately by ear inspection in the field.

In order to determine the value of late cultivation in corn three plots were handled under different methods of cultivation. The first plot was cultivated only once, on June 7th. The second plot was cultivated three times with the last cultivation on June 25th and the third plot was cultivated again on July 9th.

The following is the yield of shelled, dried corn per acre:

<i>Cultivated June 7th</i>	3450 lbs. per acre
<i>Cultivated until June 25th</i>	4500 " " "
<i>Cultivated up until July 9th</i>	3900 " " "

The result of this test showed that late cultivation does injury to the corn plant and, consequently, reduces the yield. It should be stated, however, that the last cultivation was done very carefully in this case, with a one-horse cultivator. The cultivation was very shallow and care was taken not to go close to the rows of corn. Greater damage may have been done to the crop if less careful methods were used.

AMERICAN VS. ONTARIO GROWN HYBRID SEED CORN

<i>Wisconsin 606</i>	4650 lbs. per acre
<i>Ontario 606</i>	5100 " " "
<i>Wisconsin 645</i>	5150 " " "
<i>Ontario 645</i>	5150 " " "
<i>Wisconsin 696</i>	5100 " " "
<i>Ontario</i>	4500 " " "

It will be noted that in the case of 645, both Ontario and American grown seed were equal. In the case of 606, the Ontario seed yielded somewhat higher but in the case of hybrid 696 the American seed yielded higher. This would average up so that there is practically no difference between the American and Ontario grown hybrids.

A test was made to show the results of planting commercial hybrid corn. Ontario 645 was used in this test. The second plot had seed selected from commercial hybrid field grown in 1940 and the third plot was the second generation grown under commercial conditions. The results were as follows:

<i>Ontario 645</i>	4056 lbs. per acre
<i>Seed selected from hybrid field in 1940</i>	3401 " " "
<i>Second generation seed from commercial hybrid</i>	3242 " " "

These results do not show all the differences as there was also considerable lack of uniformity of type as well as maturity. Silage test also showed lower yields when compared on a dry matter basis.

BEANS

The Bean Variety test in 1941 showed that the Michelite and "E.F.R." continued to be the best producing varieties of beans so far as our tests here at Ridgetown were concerned. A Guelph O.A.C. selection of Robust did very well in our plots during the year and may be a variety that will prove satisfactory for Southwestern Ontario production.

OATS

Alaska, Cartier, Vanguard and Erban continue to be the leading varieties for this district insofar as the yield goes. The yield for varieties in 1941 were as follows:

<i>Alaska</i>	76.3 bushels per acre
<i>Cartier</i>	76.2 " " "
<i>Vanguard</i>	73.5 " " "
<i>Erban</i>	69 " " "
<i>Worthy</i>	68.6 " " "
<i>Dasix</i>	65.4 " " "
<i>McDonald</i>	64.5 " " "

Oats were sown on the 25th of March, with considerable frost in the ground. The top soil, however, was dry. Oats sown at this time out-yielded the oats sown about the 12th of April approximately twenty bushels per acre.

BARLEY TEST

Winter Barley continues to do well in Southwestern Ontario and leads other varieties again in 1941.

<i>Winter Barley</i>	46.1 bushels per acre
<i>Spartan (2 rowed)</i>	44.4 " " "
<i>Wisconsin No. 38</i>	43.5 " " "
<i>Plush</i>	41.2 " " "
<i>O.A.C. 21</i>	37.0 " " "

The Plush variety does not seem to do well at Ridgetown. While its yield was fairly close to other varieties yet it lodged badly and showed considerable tendency to disease.

Wisconsin No. 38 has done fairly well during the past few years. It is a variety very similar to Velvet and Nobarb and comes in about the same season of the year.

SOY BEAN VARIETY TEST, 1941

<i>Manchu</i>	34 bus.		per acre
<i>Richland</i>	32 "		" "
<i>O.A.C. 211</i>	31 "	5 lbs.	" "
<i>Mandarin</i>	30 "	30 "	" "
<i>A.K.</i>	29 "	45 "	" "
<i>Cayuga</i>	29 "	10 "	" "
<i>Kabott</i>	27 "	20 "	" "
<i>Harrow 89</i>	26 "	50 "	" "
<i>Goldsoy</i>	25 "	20 "	" "
<i>O.A.C. #5</i>	21 "	10 "	" "
<i>O.A.C. #8</i>	19 "	30 "	" "
<i>O.A.C. #7</i>	17 "	40 "	" "
<i>O.A.C. #9</i>	17 "		" "
<i>Pagoda</i>	16 "		" "
<i>O.A.C. #6</i>	14 "		" "

It will be noted in this experiment that the early maturing varieties did not yield as well under our conditions as the later maturing bean. The O.A.C. 211, the Mandarin and A.K. are the three varieties of beans usually grown in Southwestern Ontario and their yields are very similar. This has been found to be true during the last few years, whenever these varieties have been on comparative tests at Ridgetown.

Greenhouse Tomatoes

The following recommendations for the growing of greenhouse tomatoes are the result of twelve years' work.

The soil in the greenhouse is a sandy loam tilled at eighteen-inch intervals and the tiles ten inches below surface.

Dates of planting seed—Fall Crop, July 1st-7th
Spring Crop, November 1st

Seed Sowing: After seed treatment (1 oz. bluestone to $\frac{1}{2}$ gallon of water, seed soaked one hour and then dried)—seed sown in flats in new soil.

Transplanting: Twice in flats. Plant in beds August 15-20 and January 20-30.

Soil Preparation and Treatment: In August apply 0-12-2 at 1,500 lbs. per acre. No other fertilizer used for fall or spring crops except that as spring crop shows signs of slackening in growth and sizing of fruit moderate applications of 2-12-6 are applied and watered in. Not more than three such applications given. In order to lessen the concentration of detrimental soil salts it is necessary to drench the soil very thoroughly by hose or sprinkler system; eight hours is the minimum time. This is done immediately after steaming. Soil sterilization necessary once a year, principally for control of nematodes. Must be thorough, that is 90 deg. C. for at least one-half hour.

Mulching: About middle of May apply liberal mulch of straw. Manure has been tried but discarded on account of fumes burning the more tender leaves.

Distance of Planting: Fall Crop—Plant in single rows thirty inches apart and plants eighteen inches apart in rows. Spring Crop—Plant in double rows, each double row thirty inches from next one; twelve inches between single rows and plants eighteen inches apart in row and staggered with adjoining single row.

Cultivation: Such as would be given in a well-cared-for vegetable garden. As plants become three feet tall cultivation is of doubtful value.

Suckering: Six to eight inches is good length to let the suckers grow before removing.

Defoliating: When plants begin to crowd, remove those leaves touching ground. When plants are five to six feet tall, remove all leaves within one foot of soil.

Topping: Have allowed plants to grow seven feet before topping and gained considerable in crop yield.

Watering: There can be no fixed rules for this—the grower must use his own judgment—water sparingly in cloudy weather.

Varieties: Fall—Vetamold or V 121, preferably the latter.
Spring—Michigan State.

FRUIT

Twenty-six varieties of apples have been grown here since 1926. Of these Early McIntosh, Milton, Niobe, Patricia, Pedro, Hume and Red June have been discarded as unsuited to commercial apple production in this section of the Province.

Apples, sour cherries and peaches were only a fair crop in 1941, while sweet cherries, plums and grapes gave excellent yields; this variation was due to the weather prevailing at the time of blossoming, the early blooming fruits being favoured with sunshine and high temperatures, and the others with cloudy weather, rain and predominantly cool temperatures.

POULTRY

With the increase in poultry production following the higher egg prices due to war, there has been considerable more diagnosing of diseases in our extension work. Listing the more common ailments in order of their frequency gives the following: worms, external parasites, coccidiosis, avian diphtheria (chicken-pox), enlarged liver, prolapse and tuberculosis.

All hatching eggs produced from the Farm Line-Bred Plymouth Rocks are in demand. This year's sale amounted to 16,634 eggs.

SEED CLEANING PLANT

The following is a summary of seed cleaning from April 1st, 1941, to March 31st, 1942.

GRAIN		SMALL SEEDS	
<i>Wheat</i>	4034 bushels	<i>Red Clover</i>	5180 lbs.
<i>Oats</i>	1960 "	<i>Alsike</i>	310 "
<i>Barley</i>	230 "	<i>Alfalfa</i>	1940 "
<i>Mixed Grain</i>	308 "	<i>Timothy</i>	3645 "
<i>Beans</i>	1000 "		
<i>Corn</i>	210 "		

Soil testing service has been provided to farmers bringing in soil samples and recommendations for fertilizer have been given, based on these tests. This service has expanded considerably during the year.

Several parks, cemeteries and industrial plants have had plans made out for landscaping during the year.

Sixteen different organizations met at the Experimental Farm during the year.

Ninety-two farmers' meetings were attended.

Twelve Falls Fairs were assisted and Educational exhibits put up at four Fairs during the year.

STATISTICS AND PUBLICATIONS BRANCH

The compilation of statistics relating to various phases of agriculture was carried on with excellent co-operation from farmers, dairies, cheese factories, creameries, and other processing plants, in the filling out of regular schedules. The information was published and given wide distribution in the Monthly Crop Report, Monthly Dairy Report, the seasonal Monthly Fruit and Vegetable Crop Report, and the annual Statistics Report.

The demand for farm publications was greater than usual and many thousands of bulletins, circulars and handbooks relating to a wide range of agricultural subjects, were distributed in response to direct requests from farmers, or forwarded in quantity lots to county Agricultural Representatives, Agricultural Colleges and Experimental Institutions situated in the Province for local distribution.

A statement of the agricultural publications printed during the current fiscal year is set out herewith:

ANNUAL REPORTS

	No. of Copies
<i>The Report of the Minister of Agriculture</i>	1,650
<i>The Report of the Agricultural Societies</i>	5,000
<i>The Report of the Entomological Society</i>	1,500
<i>The Report of the Horticultural Societies</i>	5,000
<i>The Report of the Ontario Agricultural College and Experimental Farm</i>	2,000
<i>The Report of the Ontario Fruit and Vegetable Growers' Association</i>	5,300
<i>The Report of the Ontario Veterinary College</i>	1,500
<i>The Report of the Stallion Enrolment Board</i>	2,800
<i>The Report of the Statistics Branch</i>	3,000

BULLETINS

Serial No.

304 <i>Infectious Abortion of Cattle</i>	10,000
370 <i>Testing Milk, Cream, Dairy By-Products on the Farm and in the Factory</i>	5,000
371 <i>Buttermaking on the Farm</i>	5,000
372 <i>Soft Cheese Making and Farm Dairy Cheddar Cheese</i>	5,000
412 <i>Quick Frozen Fruits and Vegetables</i>	15,000
416 <i>Insects Troublesome in the Home</i>	50,000
417 <i>Milk Transportation in the Toronto Milk Shed</i>	5,000
418 <i>Hints on Judging</i>	20,000
419 <i>Poultry Blood for Pullorum Testing</i>	5,000
420 <i>Cattle Lice and How to Control Them</i>	15,000
421 <i>The Use of Soil Testing for Truck Crops</i>	5,000

EXTENSION CIRCULARS

10 <i>Extension Circular Befriending the Birds</i>	10,000
19 <i>Extension Circular Belts and Belt Lacing</i>	10,000

HANDBOOKS

<i>Handbook on Milk Production</i>	10,000
<i>Handbook on Feeding and Management of Poultry</i>	75,000
<i>Fertilizer Recommendations for 1942</i>	20,000
<i>The Bees Act</i>	2,000

AGRICULTURAL AND HORTICULTURAL SOCIETIES BRANCH

AGRICULTURAL SOCIETIES

The agricultural outlook changed violently in 1941, which afforded Agricultural Societies an opportunity to serve. The challenge was accepted and a year of outstanding achievement is reported.

Fall Fairs

The register includes 295 Societies of which 255 held fall fairs and six had fairs earlier in the year. Fourteen Societies, which did not hold fairs in 1940, held shows in 1941. Eight fairs were cancelled, as compared with the previous year. Under cramped conditions, the Canadian National Exhibition was remarkably successful. By resorting to canvas and other temporary accommodation the Central Canada Exhibition held a most successful show at Ottawa. Owing to military occupancy of grounds and buildings, Junior fairs only were held by Western Fair, London, and the Peterborough Society. Shortly before fair time the Kingston board learned that the fair grounds, occupied by military authorities, might be made available. A prize list was issued and in view of all the circumstances a successful fair was held.

Weather was unusually favourable, and while some of the earlier fairs suffered, and those held on the day of the cyclone, Sept. 25th, were affected by wind, only 38 Societies applied for bad weather grants. This was one less than in the previous low record year. These Societies were paid the maximum allowed by the Act, 90 per cent of gate receipt losses.

Several Societies reported "the best fair in history", including Lindsay, Galt, Collingwood and New Hamburg. Teeswater again led the "one pay day fairs" by having gate receipts of \$2,813.

In sharp contrast to 1940, when 60 per cent of Societies under favourable weather conditions reported a decrease in gate receipts, 72 per cent of Societies realized an increase in 1941. Owing to dry weather in some sections and probably to some extent to labour shortage, a number of Societies suffered a decrease in entries, particularly in agricultural hall exhibits.

War Features

Practically all Societies modified prize lists and programmes to assist in winning the war. The military atmosphere, which dominated the C.N.E., was in evidence at many of the smaller fairs. Military bands, mechanized war implements and recruiting tents were found on most grounds.

Food for Britain

Numerous Societies included a section for pens of five bacon hogs to be judged on the rail, receiving donations from Packing Companies and other donors. The T. Eaton Co., Limited, offered a \$30 Special to 50 Societies.

Several Societies featured exhibits of Cheese suitable for export. Madoc and Listowel receive special mention.

"Black and White" shows are increasing in popularity, as 38 were held in co-operation with Agricultural Societies in 1941. In addition the Kemptville Society sponsored a championship "Black and White" show at the close of the fall fair season, with 180 entries.

The Ayrshire and Shorthorn Breed Associations also co-operated with Societies in holding field day exhibits at fall fairs.

Encouragement to Juniors

In 1941, 137 Societies co-operated in sponsoring 172 teen age boys' and girls' clubs, with a total membership of 2,485. Service to juveniles of public school age was increased.

School for Judges

By co-operation of the Kemptville Agricultural School and the Central Experimental Farm, schools for fall fair judges were attended by 68 men and 26 women. Departmental judges were provided for all fairs in Northern Ontario.

Other Projects

The majority of Societies promoted a variety of enterprises for the improvement of agriculture in their respective districts. The Toronto Gore and Richmond Hill Societies held live stock shows in the spring and Aurora in June had a home department division in addition to live stock. Grants for spring stock shows, \$50 each, were made to South Huron, Seaforth, Moore, Arthur, Fenelon and Erin Societies.

Grants for the maintenance of pure-bred sires were paid to 13 Societies on 127 animals, an increase of 5 over the previous year. Stallions 2, Bulls 76, Boars 33 and Rams 16.

In 1941, 159 field crop competitions were conducted—Oats 89, Potatoes 33, Barley 21 and miscellaneous 16. Departmental judges were provided for all crop competitions. In addition, 3 Societies sponsored "Farm and Home Beautification" contests.

ONTARIO ASSOCIATION OF AGRICULTURAL SOCIETIES

District meetings were the highlights of the year. Not only was attendance greater, but more Societies were represented. A meeting was held in each district, except No. 15, and two meetings were held in Districts 2, 5, 6, 7, 8 and 10.

Service Diplomas

A total of 51 Societies presented diplomas for unselfish and effective service to faithful workers in their respective communities. In most cases suitable presentation ceremonies were arranged.

Jewels

Desiring to present a memento of distinctive design to those reaching the highest office in the Association, the Board adopted a policy of presenting a Past President's Jewel each year. At the annual convention banquet, attended by 535, twenty Past Presidents were presented with a jewel.

150th Birthday

The Niagara Town and Township Society was presented at the banquet with a certificate of life membership in the Association.

Celebrating a centenary anniversary in a fitting manner, the Stratford Society is now added to the honour roll of organizations which have served for over a century.

ONTARIO PLOWMEN'S ASSOCIATION

Matches were held by 78 Branches of the O.P.A., as compared with 75 in 1940. The following which were not active in the previous year held matches in 1941—Dufferin, Egremont, Cumberland, Sarnia Reserve and Oxford. Matches were not held by Stormont and Muskoka District Branches.

Juniors were encouraged by the holding of 11 Junior Matches, and 10 home plowing competitions. There were 28 plowing demonstrations this year, as compared with 14 in 1940.

Departmental judges were supplied for all junior competitions, for demonstrations and for 71 senior matches.

International Plowing Match, Peterborough

The educational reputation of this large annual event was well maintained at the 1941 match at Peterborough. Several Departments of the Ontario and Federal Governments were represented by attractive and educational exhibits, which were well patronized. By actual count, 265 visitors entered a Federal exhibit tent in a five-minute period.

There was a noteworthy increase in the co-operation of Farm organizations represented by exhibits and tents, where officers were privileged to meet thousands of farm operators.

As planned (for local reasons) there was a decrease in entries, but the directors were pleased with 326 horse entries and 313 tractors, a total of 639.

While the weather on opening day was rather discouraging, Wednesday, Thursday and Friday were ideal. Attendance, though not as large as at the monster St. Thomas Match, was very satisfactory.

In the Inter-County horse-drawn plow class there were 17 teams and 51 young plowmen. The Farmer's Magazine Trophy was won by the Haldimand County team, with Grey second and Waterloo third. The Bank of Montreal Trophy was awarded to Earl Feick, Kitchener, the highest ranking contestant.

In the Inter-County tractor class 9 teams entered, the James McLean Memorial Trophy being won by York County. The Fred G. Fuller Trophy for the highest ranking contestant was won by Robert Timbers, Stouffville.

In recognition of the war contribution being made by young people, two juvenile competitions were added, sponsored by the Ford Motor Company of Canada, Limited. For the first time, a class was included open to girls. Age limits in this class were "over 13 and under 18", and in the juvenile boys' class "over 11 and under 16". There was a satisfactory entry in these new classes, 4 girls and 17 boys.

Alex. Black, Guelph, veteran of many contests, won both open stubble and open sod tractor classes.

Competition was keen in the Salada Tea Company of Canada, Limited, class. The gold and silver medal winners were Elmer Armstrong, St. Pauls, and Marshall Deans, Paris.

The plowmen were honoured by an official visit by His Excellency the Earl of Athlone, Governor-General of Canada, accompanied by Her Royal Highness, the Princess Alice. His Excellency delivered an inspiring address which, by the amplification system, reached thousands assembled. The Vice-Regal Party stayed until sundown, finishing by a visit in the Horse Show Ring, where His Excellency pinned the ribbon on the prize winning team owned by Messrs. Jackson Brothers, Fergus.

The Department of National Defence (Army) authorized and arranged a spectacular military display, which thrilled thousands daily, and did much to enlighten them on the equipment and methods of modern warfare.

Farmers had an opportunity of inspecting the largest and one of the best displayed exhibits of farm machinery ever arranged in Canada.

Hon. Mitchell F. Hepburn was guest speaker at the presentation of prizes at the annual banquet.

Annual Convention

Efficient war production featured the annual meeting. Past Presidents were honoured at the luncheon by the presentation of 21 Past Presidents' Jewels.

HORTICULTURAL SOCIETIES

The violent repercussions of war created problems for the officers of all organizations, not excepting Horticultural Societies. An increased membership was enjoyed by 26 per cent of Societies.

Societies Registered, 1941

<i>Receiving grants</i>	204
<i>Dormant</i>	27
<i>Uncertain</i>	2
<i>Dissolved</i>	2
<i>Reorganized</i>	2
<i>Total</i>	— 237

Highgate and Maynard were dissolved; Coboconk and Little Current were reorganized.

Patriotic donations were reported by about 100 Societies, raised in the main by special war enterprises. Prize money was paid in War Savings Stamps by 8 Societies.

Juvenile Work

Seventy-three Societies promoted juvenile work, including garden competitions, shows, essay, poster, bird house competitions and other enterprises.

Public planting of various kinds was reported by 120 Societies, 83 of which engaged in highway and street beautification by planting trees, shrubs, flower beds and rock gardens.

Rural Beautification

A Department of Agriculture committee continued encouragement to this important work. Sponsored by the Farmer's Magazine, 34 Farm and Home Improvement competitions were conducted in Ontario, with 780 entries. Three of these were sponsored by Horticultural Societies. Beautification efforts were more concentrated in the counties of Brant, Bruce, Carleton, Grey, Haldimand, Lambton, Northumberland and Oxford.

Rural School Ground Improvement

The Inter-Departmental committee continued to function with gratifying results. Chief Inspector V. K. Greer reported co-operation of Inspectors in all parts of the Province.

At least one country school was selected in the vicinity of each Normal School, where students have an opportunity to plan and work out the improvement of grounds.

ONTARIO HORTICULTURAL ASSOCIATION

1941 ASSOCIATION AWARDS

Niagara Falls Society.....	Medal and Diploma
W. M. Croskery, Ottawa	Medal and Diploma
Fenelon Falls Society.....	Diploma
Clarence H. Hodge, Toronto	Diploma
W. H. Porter, London	Diploma
Union S.S. 3, Devlin and Burriss	Diploma
8 Diplomas, one to each school winning 1st prize in a County Improvement Competition.	
A. T. Whitaker, Brantford	J. E. Carter Medal

District Meetings and Activities

District meetings were held in all Association Districts except No. 14. In all but 4 districts special meetings were held for Society officers. In addition, summer field days were held in Districts 5, 6, 7, 8 and 9.

Junior Judging Competitions

There were four teams competing in the 1941 Provincial Championship Flower Judging Contest, with the Woodstock Society team winning first place and the Black Leaf 40 Trophy, with medals for the three team members.

In the District Flower Judging Competition for juniors there were four competitions with a total of 13 teams entered. Teams representing the following Societies were first prize winners:

District 2 —	Arnprior Society
District 6 —	Hamilton Society
District 7 —	Preston Society
District 10 —	Woodstock Society

Rural School Improvement Competitions

There was a marked increase from 6 contests in 1940 to 13 in 1941, with a total of some 220 schools. Oxford County again led the list with 58 entries, while Bruce was second with 37. The J. E. Carter Trophy, first prize in the Provincial Contest, was won by S. S. No. 18 Blenheim, in Oxford County.

Flower Judging Standards

A committee appointed by the Ontario Horticultural Association recommended a comprehensive set of standards for the placing of awards at flower shows. These were adopted at the annual convention and copies are now available. It is expected these will be used to effect more uniformity in judging at shows in all parts of Ontario.

Conservation

This was a feature of the large annual convention. A strong committee was appointed to co-operate with other agencies promoting conservation.

Publicity

Throughout the year a column of Horticultural Society News was provided for and published in the Canadian Horticulture and Home Magazine.

This Association is fortunate in having the advice and active co-operation of 19 Past Presidents. At the annual convention dinner each was presented with a Past President's Jewel. By the policy adopted each President on completing his year will receive this mark of service.

LIVE STOCK BRANCH

HORSES

Since the outbreak of war there has been a substantial reduction in the man-power available for farm work. Mechanical power has replaced horse-power on many farms. Tractor sales reached unprecedented heights in 1941. The relatively light crop in many sections of the Province during the year caused many farmers to liquidate surplus horses, believing it was not worth while wintering them.

These factors had a pronounced effect upon horse breeding. The only figures available are those supplied by the owners of premium stallions. Two hundred and forty-two such owners reported that their stallions bred 12,833 mares in 1941. Similar reports for 1940 reveal that 395 premium stallions bred 17,208 mares, while 389 premium stallions bred 21,481 mares in 1939. There has been a gradual decline in the number of stallions enrolled during the past few years. The following totals reveal the trend: 1939, 1,700; 1940, 1,688; 1941, 1,508.

This situation is an indication of the trend of events in the horse business. The gasoline and rubber shortage, together with the impending reductions in the number of new implements available for the duration of the war have combined to create a better outlook for the horse industry. This improvement was apparent during the early months of 1942, when good horses sold at relatively high prices at farm auctions.

STALLION ENROLMENT

The number of stallions enrolled in 1941 totalled 1,508. They were classified as follows: Form 1, 169; Form 2, 204; Form 3, 1,006; Form 4, 121. In addition 8 horses were granted interim certificates. Form 4 horses will not be eligible for enrolment in 1942, hence present indications point to the fact that there will be a reduction in the number of stallions standing for public service during the coming season.

Form 1 stallions are eligible for A premiums and Form 2 stallions B premiums, provided they leave at least 15 mares with foal. The amount of the premium paid increases in direct relationship to the number of in foal mares. Some 105 horses qualified for A premiums. Their owners were

paid a total of \$3,881.25 with the maximum premium on account of any stallion being \$56.25. Some 133 horses qualified for B premiums. Their owners were paid a total of \$3,397.50, the maximum on account of any stallion being \$37.50. Similar amounts were paid to the owners of these stallions by the Dominion Department of Agriculture.

HORSE SHOWS

The Ontario Live Stock Branch co-operated with local Horse Breeders' Associations in conducting spring Horse Shows. Assistance was available in the form of grants on the basis of 50 per cent of the prize money paid, up to a maximum of \$200 per show. The following is a list of shows receiving assistance in 1941, together with the amount of assistance received:

<i>Clinton Spring Horse Show</i>	\$ 200.00
<i>Linwood Spring Horse Show</i>	118.50
<i>Elora Spring Horse Show</i>	88.50
<i>Toronto Horse Show Association</i>	200.00
<i>Middlesex Heavy Horse Show</i>	100.00
<i>North Blenheim Spring Horse Show</i>	169.00
<i>St. Clements Horse Show</i>	108.75
<i>Brooklin Spring Horse Show</i>	183.50
	\$1,168.25

CATTLE

The upward trend in cattle prices which commenced shortly after the outbreak of war, continued during the year despite the fact that a ceiling was placed on meat prices in November. The trend of prices was influenced largely by two factors, namely, an increased consumer demand for beef in Canada and improved cattle prices in the United States. It was considered necessary to restrict the domestic consumption of pork in order to fill the 1941 Bacon Contract with Great Britain. The relative shortage of this class of meat contributed to the increase in the consumption of beef. Cattle slaughterings during the calendar year of 1941 totalled 999,130 as compared with 883,883 during 1940. Since very little beef is exported, it would appear that Canadians consumed the product of approximately 115,000 more cattle in 1941 than in 1940.

Cattle prices in the United States reached their highest levels since 1926. Canada is permitted to ship 51,200 head per quarter to American markets under a duty of one and one-half cents per pound. Exports of beef cattle to United States totalled 160,260, an increase of approximately 32,000 head over 1940.

Owing to increased prices for dairy products, dairy cattle prices were substantially higher in 1940 than during the preceding years. The active American demand was the greatest factor affecting the result with 22,228 dairy cattle being shipped to the United States during the calendar year. Of this number 14,205 originated in Ontario.

RESTRICTED AREAS

The cattle owners of practically all Ontario counties had petitioned to have their cattle tested for tuberculosis under the Restricted Area Plan previous to 1941. Frontenac, Welland and Kent are the only counties in which cattle owners have not petitioned for the test. Several counties received their initial test during the fiscal year. The following summary reveals the results of such tests:

County or District	No. Herds Tested	No. Cattle	No. Reactors	% Reactors
<i>Cochrane</i>	140	1,249	176	14.1
<i>Essex</i>	4,962	30,609	2,050	6.7
<i>Grey</i>	3,869	65,709	2,541	3.9
<i>Lanark</i>	1,505	28,925	683	2.4
<i>Norfolk</i>	3,086	21,936	1,415	6.4
<i>Simcoe</i>	7,290	102,985	2,596	2.5

General re-testing was conducted in a number of other counties as follows:

County	Test	No. Herds Tested	No. Cattle Tested	No. Reactors	% Reactors
<i>Brant</i>	2nd General	1,696	21,547	176	0.81%
<i>Dundas</i>	4th "	1,837	36,840	553	1.50
<i>Frontenac (Pittsburg Township)</i>	4th "	35	559	—	—
<i>Prince Edward</i>	5th "	382	4,994	9	0.18
<i>St. Joseph's Island</i>	2nd "	232	1,749	—	—
<i>Thunder Bay</i>	2nd "	1,993	12,897	55	0.42

Sixty-day re-tests were conducted in all herds in which reactors were found. The Ontario Department of Agriculture paid the travelling expenses of Federal Veterinarians engaged in testing cattle in restricted areas. The total amount paid for such purposes during the fiscal year amounted to \$11,898.77.

AUCTION SALES OF PURE-BRED LIVE STOCK

Live Stock Breeders' Clubs were assisted in the distribution of their animals through grants to auction sales. In cases where all animals were free from Tuberculosis and Contagious Abortion grants were on the basis of \$4.00 per head up to a maximum of \$150 for any one sale. When shows were held in conjunction with the sale an additional grant of \$25 was made. Grants at ten sales totalled \$1,128.

CATTLE SHOWS

Assistance to Cattle Shows was on the basis of 20 per cent of the prize money paid up to a maximum of \$100 for any one show. Thirty-three shows received assistances to the amount of \$2,459.

CONDEMNATION INSURANCE

For some years residents of restricted areas have been clamouring for a reduction in the rate charged for Condemnation Insurance on cattle. A meeting of representatives, appointed by county councils, together with members of the executive of the Ontario Cattle Breeders' Association, was held in February 1941, and as a result an investigation was instituted. Cattle from restricted areas and from untested areas have been slaughtered under the supervision of a man in the employ of the Ontario Live Stock Branch at the two large packing houses in Toronto. These cattle were slaughtered separately and the Inspectors of the Dominion Health of Animals have co-operated in making a complete analysis of losses occurring as a result of disease. Records covering the value of losses have been kept. Approximately 9,000 cattle from restricted areas and 22,000 cattle from untested areas were included in the investigation during the year.

Results revealed that the price schedule of insurance rates is more than sufficient to cover losses occurring in steers and heifers originating in restricted areas. On the other hand, the present charges are inadequate to take care of losses occurring in cows from restricted areas and all cattle from untested areas. It is proposed to call the original committee together at an early date to discuss the results of the year's work, and it is hoped that as a result of the discussion a final decision will be made that will prove equitable to all cattle owners.

BANG'S DISEASE

A considerable amount of work was done in connection with the establishment of Abortion Free Areas and Calfhood Vaccination during the year. Most of the work was supervised by the Ontario Veterinary College. The Ontario Live Stock Branch and the Ontario Cattle Breeders' Association co-operated in formulating the policy. Details of the work are contained in the report of the Ontario Veterinary College.

SWINE

Hog production in Canada has continued to rise since the outbreak of war and reached an all-time high in 1941 when 6,216,207 hogs were marketed through the regular channels. This marked an increase of 14.1 per cent over 1940 and 61.1 per cent over 1939. The greatest increase took place in Western Canada and it now appears that that section of the Dominion occupies the predominant field in hog production. Ontario marketings amounted to 2,326,623, which was the greatest of any province. However, Alberta will likely surpass that figure in 1942. Bacon exports reached an all-time high, totalling 464,614,000 pounds in the calendar year.

The general quality of hogs showed an improvement during the year. Since the introduction of rail grading, farmers have been paying more attention to the necessity of marketing hogs at the proper weight. Canadian hogs graded 31.5 per cent A's and 44.5 per cent B1's. Ontario hogs graded higher with 35.1 per cent A's and 46.2 per cent B1's.

HOG SUBSIDY

The section of the Cheese and Hog Subsidy Act pertaining to hogs became effective on May 5th, 1941. This section of the Act is administered by the Ontario Live Stock Branch. Under the regulations contained in the Act, a subsidy of \$1 and of 50 cents is payable to producers of A and B1 carcasses respectively. This added incentive for quality has undoubtedly contributed to the improvement shown in the past year.

HOG SUBSIDY — MAY 5th, 1941, to MARCH 31st, 1942

<i>Total Applications</i>	198,009
<i>Total Hogs Marketed</i>	1,646,517
<i>No. A's</i>	652,283
<i>No. B1's</i>	805,374
<i>Total Amount of Subsidy</i>	\$1,054,970.00

BACON HOG CLUBS

The Bacon Hog Club Policy is applicable in those sections of the province where the hogs are below average quality. Under the terms of the policy boars are loaned to communities in which clubs are organized. The cost of the boars and charges involved in shipping are borne by the Ontario Live Stock Branch. There were 204 clubs functioning during the year.

Seventy-eight boars were purchased and placed in clubs during the year at a cost of \$3,105.50. Transportation charges amounted to \$436.63.

SOW DISTRIBUTION

Farmers in Eastern Ontario were particularly interested in obtaining good sows during the fall of 1941 and winter of 1942. There were 132 pure-bred sows of Advanced Registry breeding shipped into the counties of Dundas and Stormont. The Dominion and Provincial Departments of Agriculture co-operated in paying the freight on sows shipped in carload lots. Total cost of transportation paid by the Ontario Live Stock Branch amounted to \$88.67.

BACON LITTER COMPETITION

Bacon litter competitions were held in the counties of Halton, Brant and Renfrew. Only a small percentage of the contestants completed the project. The total amount of prize money paid to the winners was \$150.

SHEEP

Statistics reveal that there has been a slight increase in the sheep population of Canada since the outbreak of war. The trend has been slightly upward in all provinces except Ontario, where a slight decline has taken place. This is the only class of live stock in which there has been a decline in production.

LAMB FAIRS

A number of Lamb Fairs were held in Northern Ontario under the joint sponsorship of the Ontario and Dominion Departments of Agriculture.

District	Location of Fair	No. of Lambs Exhibited	Prize Money Paid by Each Dept.
<i>Manitoulin</i>	<i>Mindemoya</i>	744	\$ 30.00
<i>Manitoulin</i>	<i>Barrie Island</i>	376	30.00
<i>Manitoulin</i>	<i>Little Current</i>	1,004	30.00
<i>Manitoulin</i>	<i>Manitowaning</i>	840	30.00
<i>Algoma</i>	<i>St. Joseph's Island</i>	215	30.00
<i>Kenora</i>	<i>Dryden</i>	98	30.00
<i>Temiskaming</i>	<i>Uno Park</i>	208	30.00
<i>Thunder Bay</i>	<i>Fort William</i>	72	30.00
<i>8 Fairs</i>		3,557	\$240.00

RAM CLUBS

The Ram Club Policy is sponsored by the Dominion Department of Agriculture. Approximately 125 farmers in Northern Ontario took advantage of this policy in order to obtain pure-bred sires. Officers of the Ontario Department of Agriculture assisted Federal officials in purchasing the rams.

POULTRY

The Ontario Live Stock Branch assisted local Poultry Associations in holding fairs and educational meetings. A summary of assistance rendered during the year follows:

Number of Associations holding shows during the year	11
Number of judges and lectures supplied—Judges	10
Lecturers	1
Total amount of grants paid to Local Associations	\$530.00
Total expenditure—judges, lecturers, etc.	\$115.66

LIVE STOCK PROTECTION ACT

The administration of this Act comes under the Ontario Live Stock Branch. Provision is made that in case of dispute, either by the local municipality or the live stock owner, as to the amount of damage awarded by the local valuer, an appeal may be made to the Ontario Department of Agriculture. During the past year nine such appeals have been dealt with, and the cases satisfactorily adjusted.

BRANDING OF LIVE STOCK ACT

This Act designates the Director of the Live Stock Branch as "Recorder of Brands" for the Province. Under the present Act brands are allotted to poultry men for the purpose of identifying their flocks.

During the fiscal year 82 poultry brands were allotted, making the total number recorded 2,803.

The office of Secretary of a number of Ontario Live Stock Associations is held by members of the Ontario Live Stock Branch.

ONTARIO PROVINCIAL WINTER FAIR

The Directors of the Ontario Provincial Winter Fair have kept their organization alive despite the fact that no suitable building for the holding of a fair is available. A Commercial Live Stock Show was held at the Union Stock Yards, West Toronto, during the latter part of November. Single entries in the cattle section totalled 257 head. There were 16 groups of 6 steers, 18 pens of hogs and 27 pens of lambs. The Grand Champion steer was sold for 65 cents per pound, while the first prize pen of hogs brought 18½ cents per pound and the first prize pen of lambs the record price of 67½ cents per pound. The total prize money paid out for cattle classes was \$1,550.00, for swine \$113.00 and for sheep \$83.00.

A Seed Fair was held in the King Edward Hotel in February. There were 103 entries in the open section and 145 entries in the Junior Farmers' section. Prize money paid to exhibitors in the open section amounted to \$302 and in the Junior Farmers' section \$112.50.

ASSISTANCE TO EXHIBITORS AT FOREIGN EXHIBITIONS

Ontario Live Stock Exhibitors were represented at only one of the great American exhibitions last year, namely, the International Exposition at Chicago. Exhibitors at the Chicago Exposition were assisted by the Ontario Department of Agriculture through the payment of 50 per cent of the freight charges involved. The total cost of this assistance amounted to \$640.53.

WOMEN'S INSTITUTE BRANCH

GENERAL

Membership

<i>Number of Women's Institutes in Ontario March 31, 1942</i>	1,333
<i>Membership March 31, 1942, approximately</i>	38,000
<i>Institutes organized during the year</i>	8
<i>Institutes disbanded during the year</i>	42

Of the Institutes disbanded, 50 per cent were Junior Institutes which found it impossible to continue because of the number of young women leaving the communities. Most of the Senior Institutes which disbanded have done so to devote all their energies to war work.

District Annual Meetings and Conventions

Annual meetings were held in 98 districts in May and June, 1941, with an attendance of 16,982.

Thirteen conventions were held throughout the Province in the fall of 1941. The Women's Institute Branch was represented at all conventions and district annual meetings.

Correspondence

Circular letters approximated 45,000; personal letters approximated 15,000.

Packet Loan Collection

Assistance was given to 626 Institutes in the preparation of programmes through the sending of 3,089 articles. These covered various topics under the general headings of Health and Welfare, Education and Schools, Home Economics, Agriculture, Legislation, Canadian Industries, Canadianization, Music, Literature.

Legislative Grants

To Districts \$3,771.50; to Institutes \$1,755.00; total \$5,526.50.

Staff Conferences

Three conferences were held—one for short course instructors, one for home economics coaches and one to plan the Co-operative Programme. Several group conferences were arranged for staff members.

FEDERATED WOMEN'S INSTITUTES OF ONTARIO

The Provincial Board held its annual meeting in November. The executive met again at Easter.

Mrs. Ernest Duke of Port Carling is President and Mrs. W. B. Leatherdale of Coldwater is secretary-treasurer.

The treasurer's annual statement showed receipts \$6,387.52, disbursements \$4,201.57 and balance \$2,095.95.

Standing Committees

A new list of standing committees was adopted as follows: Agriculture and Canadian Industries, Home Economics, Social Welfare, Citizenship, Historical Research, Publicity, War Work.

For the improvement of community health and educational facilities, respectively, Institutes were urged to study the following: (1) means of securing adequate medical care at reduced cost, and (2) the larger area of administration for schools.

Overseas Correspondence

This was carried on with Institutes abroad, as follows: England 47, Australia 15, Scotland 2, South Africa 2.

Putnam Memorial Fund

From this fund \$11.64 was paid for transportation of relief bales to Northern Ontario.

Biennial Convention F.W.I.C.

Ontario was represented at the biennial convention of the Federated Women's Institutes of Canada held at Fredericton, N.B., June 1941, by Miss Mary A. Clarke, Superintendent, Mrs. T. J. McDowell and Mrs. E. Duke.

SPECIAL WARTIME ACTIVITIES

Central War Charities Fund F.W.I.O.

Registered under the War Charities Act, Ottawa, the Fund continues to receive enthusiastic support for the relief of suffering caused by war.

<i>Total receipts for year</i>	\$9,654.97
<i>Total expenditures</i>	6,720.67
<i>Outstanding Contributions Include:</i>	
<i>Contribution to F.W.I.C. National War Fund</i>	1,010.00
<i>5,000 lbs. Vegetable Seeds to N.F.W.I., England</i>	2,294.93
<i>Red Cross Blanket Fund</i>	1,642.25
<i>Chinese War Relief Fund</i>	505.00
<i>Navy League—Survivors' Bundles</i>	250.00
<i>Air Raid Victims' Funds</i>	293.55
<i>Gift of South Renfrew District to Ministry of Aircraft Production, England</i>	522.30

Jam for England

The Federated Women's Institutes of Ontario and the Canadian Division, Red Cross Society, co-operated to secure and send 233,232 pounds of jam, jelly and honey to England for the use of British civilians and Canadian military hospitals. Institutes in areas where fruit is not grown extensively contributed \$1,846.31 for the purchase of sugar for this enterprise.

Support of Canada's National War Work

The Women's Institutes are actively supporting such national wartime activities as the sale of war savings certificates and bonds, the collection of salvage and the work of the Consumer Branch, Wartime Prices and Trade Board.

Maple Sugar for the Navy

1,875 pounds were sent to the Navy League for the men in the Merchant Marine or the Royal Canadian Navy.

War Work at the C.N.E.

At the Canadian National Exhibition, 56 Institute members participated in the co-operative effort of women's organizations to make clothing for civilians in bombed cities of Britain.

Local War Work

Reports indicate that the majority of Institutes co-operate with local Red Cross Branches. In addition, 42 have registered funds under the War Charities Act and others support various patriotic organizations.

Reports of the period April 1, 1941, to March 31, 1942, include:

<i>Money raised for local war work</i>	\$124,069.49
<i>Knitting—number of articles</i>	126,807
<i>Sewing—number of articles</i>	104,300

Boxes are sent to local men and women serving overseas; hospitality and entertainment are provided for nearby military camps; corvettes or trawlers are adopted and a wide variety of other activities are carried on locally.

CO-OPERATIVE PROGRAMME IN HOME ECONOMICS

Through the Co-operative Programme in Home Economics the Women's Institute Branch has continued its educational programme for the advancement of rural life and has adapted it to help Women's Institute members meet their responsibilities as Canadian citizens in wartime. Special emphasis has been placed on the need for good nutrition, for economy, for conservation and for preventive health measures.

Instruction was given through local leader training schools, short courses, speaker service and district rallies.

Local Leader Training Schools

Divisions of Study	Districts Served	Institutes Represented	Local Leaders
<i>Clothing and Textiles</i>	11	93	93
<i>Foods and Nutrition</i>	28	238	443
<i>Home Crafts</i>	5	43	43
<i>Total</i>	44	374	579

Housing—3 summary days—attendance 112, furniture exhibited 22 pieces.

Speaker Service

Subject	Districts Served	Meetings Held	Attendance
<i>Citizenship in the Rural Community</i>	8	40	1,170
<i>Clothing</i>	2	8	236
<i>Foods and Nutrition</i>	14	59	1,673
<i>Health Education</i>	9	31	999
<i>Housing</i>	1	3	78
<i>Miscellaneous</i>	2	4	128
<i>Total</i>	36	145	4,384

Rallies for Officers and Members

Districts Served	Institutes in Districts	Institutes Represented	Attendance
27	424	176	912

Institute Short Courses

Division of Study	Number Held	Enrolment
<i>Clothing and Textiles</i>	25	322
<i>Foods and Nutrition</i>	8	198
<i>Health Education</i>	12	286
<i>Home Crafts</i>	31	417
<i>Total</i>	76	1,223

Seven summary days were held following rug making courses, with an attendance of 169.

Six special three-day courses in nutrition, with an enrolment of 238, were held in North Simcoe County as a result of 13 community meetings with an attendance of 393, arranged through the County Federation of Agriculture and the Community Life Training Institute.

JUNIOR EXTENSION PROGRAMME IN HOME ECONOMICS

WINTER SHORT COURSES

Length of Course	Number Held	Enrolment
<i>One Month</i>	12	226
<i>Two Weeks</i>	4	70
<i>One Week</i>	3	51

HOMEMAKING CLUBS

Training Schools for Leaders	Number of Clubs	Membership	Achievement Days	Attendance at Achievement Days	Participated at Fairs
136	643	2,777	53	2,096	615

Provincial honour pins and certificates were awarded to 30 club members who had completed 12 homemaking units.

British War Garments

Homemaking Clubs, Junior Institutes and county organizations have contributed \$1,025.91 for material for garments for British children. This money has purchased material from which the girls have made skirts and sweaters for 6, 8 and 10-year-old British children.

Girls' Garden Brigades

Girls' Garden Brigades, to be supervised by the Agricultural Representatives and Home Economics Coaches, have been organized in every district and thirty-four counties, with a membership of 1,600.

Farm Service Force

Plans are under way to recognize the splendid contribution of labour made by those girls working on their home farms by registering them with the Ontario Farm Service Force.

CO-OPERATION WITH OTHER ORGANIZATIONS AND AGENCIES

The Women's Institute Branch wishes to acknowledge the assistance given so generously by other Branches of this Department, especially the Agricultural Representative Branch, the Agricultural and Horticultural Societies Branch, the Fruit Branch, the Kemptville School of Home Economics and the Ontario Agricultural College.

With the co-operation of the Kemptville Agricultural School, a two-day school for judges of "Home Section" exhibits at fall fairs was held at Kemptville June 1941, with an attendance of 26. Assistance was given to the Women's Institutes of Eastern Ontario for a display at the Central Canada Exhibition, Ottawa. The Women's Institute staff members contributed to district meetings of the Agricultural Societies and to the "Women's Section" of the Agricultural Societies convention in Toronto.

Support was given to the special programme of the Simcoe County Federation of Agriculture and the Community Life Training Institute by providing the services of an instructor in nutrition during the winter.

In Halton County, in co-operation with the Agricultural Representative, a special series of health education was conducted at four centres in February.

The Women's Institute Branch has kept in touch with the special wartime activities of such organizations as the Canadian Red Cross Society, the Navy League of Canada, the Y.W.C.A. war services and the St. John Ambulance Association. Co-operation has been given as required.

Continued support has been given to the work of such organizations as the Canadian Association for Prevention of Tuberculosis, the Canadian Society for Control of Cancer, Ontario Association for Adult Education, Ontario Society for Crippled Children, the Health League of Canada and the Canadian National Exhibition.

OUTLOOK

The Women's Institute members realize that they have a two-fold responsibility today — to do their utmost to help win the war and to continue to work for the advancement of rural life.

Members are loyally meeting the first of these responsibilities by such means as the support of agricultural production, the contribution of money, the contribution of gifts and work for the relief of suffering and for the comfort of the men and women engaged in active service. By the use of their influence in the development of public opinion, the Women's Institutes are making another valuable, if less tangible, wartime contribution. As the demand arises, leadership and assistance are being given in these activities through the Provincial Federation and the Women's Institute Branch.

The Junior Extension Programme is placing more and more emphasis on Homemaking Club units which will train members to assume their responsibilities as citizens. The exodus of young women and girls from rural communities and the added burden of labour for those remaining will mean a decrease in club membership and in one-month short courses, but the need to provide educational opportunities for those girls who are still at home is of vital importance.

FRUIT BRANCH

Another season in the production of fruits and vegetables has passed with the usual uncertainties as to weather and markets. With fruits, the winter caused no damage but spring frosts, particularly at blossom time, affected the crops of pears and apples in the central parts of the Province, and peaches in the southwestern counties. The later dry weather was more serious for vegetables and berries, while the severe wind storms in September still further depleted the light apple crop and badly wrecked the Kieffer pear crop.

When the final crop figures were corrected, it was found that production of strawberries, raspberries, apples and pears was much reduced, while peaches, plums and cherries showed substantial increases over 1940. In vegetables, early potatoes, cabbage and cauliflower suffered to the greatest extent, while the later maturing crops showed much improvement over 1940. With a considerable improvement in prices on all lines of fruits and vegetables for both processing and fresh market sales, the season ended up much better than expected earlier in the year, and the increased returns helped to offset the increased cost of production.

As the shortage of tinsplate for canning was not a factor during the 1941 season, a record pack of most lines of both fruits and vegetables was put up by our factories. The processing figures show that the following percentages of the commercial crop were used for canning, jam, juice and wine purposes:

<i>Apples</i>	53%	<i>Grapes</i>	78%
<i>Pears</i>	80%	<i>Strawberries</i>	43%
<i>Plums</i>	44%	<i>Raspberries</i>	20%
<i>Peaches</i>	57%	<i>Asparagus</i>	60%
<i>Cherries</i>	75%	<i>Tomatoes</i>	78%

Figures prepared by the Statistics Branch of the Department show the remarkable total of over 725 million pounds of fruit and vegetables bought in 1941 for processing. While tomatoes head the list with over 404 million pounds, other leading crops are: corn 80 million; apples 41 million; grapes 35 million; peaches 24 million; green peas 23 million; pumpkin 23 million.

Inspection work in the field was again carried out for Apple Maggot under Federal Export Regulations, Corn Borer, Sugar Beet Nematode, San Jose Scale in nurseries, Peach Diseases, etc. Gasoline and Rubber Regulations did not come into effect in time to restrict these lines of work, but it was felt advisable to control somewhat the expenditures with the thought that much of these inspections would be severely limited in 1942, or in some lines cut out entirely.

The summer inspection for Apple Maggot was completed in full with more attention being given to those properties showing medium to heavy infection in 1940. The fall inspection showed the effects of better weather conditions for spraying and the percentage of infection in most counties was much reduced from the previous year. In the counties east of Toronto, this showed a change from 36.2 per cent in 1940 to 19.1 per cent last season. The western counties, including the Georgian Bay, changed from 61.5 per cent to 34 per cent.

The Province as a whole shows a decrease from 48.79 per cent to 26.69 per cent in the 1,903 orchards under registration, this being the lowest since the work started in 1931. However, to partially offset the good showing, the number of orchards under registration and inspection has decreased materially since the war started and exports were reduced. It is difficult to decide whether under present conditions a larger proportion of the poor growers have dropped out. These naturally would have the heaviest infestation of the maggot and their elimination would tend to make the situation look better than it actually is.

After a bad year in 1940, the change in general weather conditions in Western Ontario particularly, from excess moisture to near drought, gave the growers a better chance to control the Corn Borer. Special effort was made to speed up the spring inspection and clean-up and to carry out a late inspection in the larger corn growing counties. With the exception of some of the smaller districts growing the early sweet corn for market, a decided improvement in the general situation was shown in the fall check-up.

The commercial spray calendars were again revised by a special committee of Federal and Provincial authorities and these were printed and distributed widely to both fruit and vegetable growers. The issue was as follows:

<i>Apple Calendar</i>	10,500	copies
<i>Tender Fruits Calendar</i>	8,000	"
<i>Vegetable Protection Calendar</i>	4,000	"

The demand for a simplified garden calendar has been increasing and a supply for this purpose has been mimeographed and distributed on request.

In view of the situation facing the apple growers with no export markets in sight and much keener competition from both Nova Scotia and British Columbia, the growers asked for further restrictions in size and colour requirements in both No. 1 and Domestic grades. The Regulations under the Grades and Sales Act were accordingly changed by Order-in-Council early in the season, the main alterations being in increasing the minimum size in all varieties in No. 1 Grade to $2\frac{1}{4}$ inch diameter, and calling for 15 per cent colour in all varieties in Domestic Grade.

Unfortunately, the crop in Ontario, as well as the other Provinces, was much lighter than anticipated and the wind storms in this Province in September very materially reduced the already light crop. Emergency regulations were asked for and granted, permitting the shipment to fresh fruit markets of a Windfall Grade. To ensure that such fruit would reach the consumers while still in good condition, a time limit of from one to two months, depending on variety, was given for shipment and sale. In this way over half of the loss by wind was averted, and while prices were not as high as for hand-picked fruit, the returns to the grower were much better than could be obtained from the processors.

Owing to complaints from the trade as to the No. 2 or Domestic grade in Tomatoes, the wording of this grade was considerably altered and the inspection tightened, with a great improvement showing in the quality

shipped from the early districts. At the request of the growers a few other minor changes covering cherries and potatoes were also made in the Regulations.

Supervision of the control of insects and fungus diseases in orchards, vineyards, nurseries and market gardens was again in the hands of our district field men working in co-operation with the Provincial Entomologist and other members of the staff at Guelph. While the personal visits were somewhat curtailed, every effort was made to keep as closely in touch with the growers as possible under war conditions. Through the offices of the Agricultural Representatives regular spray letters were issued in advance of and during the season, calling attention to any special troubles or unusual conditions and advising as to the correct dates for application of the various sprays. About 40,000 of these letters were sent to 4,000 growers, including 1,400 growers in the tender fruit belt of the Niagara Peninsula, which were serviced by the Staff of the Horticultural Experiment Station, Vineland Station.

DAIRY BRANCH

During the 1941 session of the Legislature The Cheese and Hog Subsidy Act, 1941, was passed. It provided for the payment of a subsidy of two cents for each pound of cheddar cheese made from milk produced in Ontario. The supervision of this work was under the Dairy Branch. The subsidy was paid on all cheddar cheese manufactured on and after February 1, 1941, to March 31, 1942. The amount of the provincial cheese subsidy paid to March 31, 1942, was \$2,191,622.40.

In 1941 the production of cheese in Ontario was greater than in any one year since 1926 and represents an increase of 4.3 per cent over the 1940 production. The campaign sponsored by the Provincial Department of Agriculture for increased cheese production coupled with the provincial subsidy was mainly responsible for the increased production. Unfavourable weather conditions in the spring and early summer months resulted in lower production than anticipated.

The death of Mr. Frank Hearn, chief dairy instructor for Western Ontario since 1907, in London, July 9th, 1941, was a great loss to the dairy industry of Western Ontario.

Mr. J. M. Bain has been appointed to succeed the late Mr. Hearn as chief instructor. Mr. Bain was cheese instructor for the Listowel group for the past few years and previous to that established an enviable record for himself at the Elma and Mornington Cheese Factory. Mr. Bain has been given supervision of the Central and Western Ontario cheese factories. Mr. Sandwith who formerly had supervision of the Central and Eastern Ontario cheese factories will now supervise the cheese factories in Eastern Ontario. The check testing at the milk manufacturing plants in the province is under the supervision of the chief creamery instructor, Mr. J. L. Baker.

Dairy Branch Field Staff

	1940	1941
<i>Chief Instructors</i>	3	3
<i>Cheese Factory and Creamery Instructors</i> ..	2	2
<i>Cheese Factory Instructors</i>	28	28
<i>Creamery Instructors</i>	10	10
<i>Total</i>	43	43

Number of Plant Licenses Issued

	1940	1941
<i>Creameries</i>	288	281
<i>Cheese Factories</i>	608	597
<i>Combined Cheese Factories and Creameries</i>	40	30

Production of Cheese in Ontario

	1940	1941
<i>Western Ontario</i>	18,845,609 lbs.	17,524,818 lbs.
<i>Central Ontario</i>	14,846,343	18,414,665
<i>Eastern Ontario</i>	64,198,854	66,053,191
<i>Northern Ontario</i>	632,943	774,114
	98,523,749 lbs.	102,766,788 lbs.

In 1941 Ontario produced 69.0 per cent of the total cheese produced in the Dominion as compared with 69.3% in 1940.

The quality of cheese produced in Ontario in 1941 was exceptionally good.

*Federal Grading of Ontario Cheese,
December 2, 1940, to November 29, 1941*

	No. Boxes Graded	Per Cent 1st Grade	Per Cent 2nd Grade	Per Cent 3rd Grade	Below 3rd	Average Score
<i>Western Ontario</i>	174,244	96.98	2.96	0.06	—	92.962
<i>Central Ontario</i>	295,282	97.79	2.18	0.03	—	93.343
<i>Eastern Ontario</i>	607,927	96.66	3.24	0.09	0.01	92.941
<i>Northern Ontario</i>	6,044	88.91	10.59	0.25	.25	92.281
<i>TOTAL, 1941</i>	1,083,497	96.97	2.95	0.07	0.01	93.050
<i>TOTAL, 1940</i>	1,085,465	96.18	3.71	0.09	0.02	92.720

The increase in first grade cheese in 1941 as compared with 1940 was .79%. There was a decided increase in high scoring cheese in 1941 as shown in the following table:

	Per Cent 94 Score Cheese	Per Cent 93 Score Cheese	Per Cent Below 93 Score Cheese
<i>1941</i>	34.52	45.73	19.75
<i>1940</i>	16.61	52.67	30.72

Cheese Factory Summary

	1940	1941
<i>Number of factories operating</i>	639	624
<i>Number of patrons</i>	26,571	25,831
<i>Average per cent fat in milk</i>	3.43	3.43
<i>Pounds milk to make one pound of cheese</i>	11.21	11.32
<i>Pounds cheese per pound fat</i>	2.56	2.57
<i>Money spent on improving plants</i>	\$272,757.	\$264,919.
<i>Average price per pound of cheese</i>	15.32c	17.10c

Cheesemakers' Certificates Issued

	1st Class	2nd Class	Permits	Beginners' Permits	Total
1940	422	181	67	38	708
1941	485	133	46	47	711

Cheese Factory Instruction

During the year 1941 the instructors tested the milk at the cheese factories from January 1st to April 30th and October 1st to December 31st. They were relieved of the testing from May 1st to September 30th by testers employed by the Cheese Producers' Association. This allowed the instructors more time for instructional work at factories and among producers on farms. The instructors also spent considerable time checking the provincial subsidy payments at factories and farms. As 1941 was the first year the provincial cheese subsidy was paid, considerable instruction was necessary to assure proper payments to the producers.

The following tests were again used by the instructors to determine the quality of the milk received at the cheese factories: The Methylene Blue Test, the Fermentation Test, and the Sediment Test. The above tests were of great assistance in detecting inferior quality milk and the producers who were sending this kind of milk to the factories. These producers were visited by the instructors with the result that the quality of the milk was improved. Although rancid flavour was again the most prominent defect in Ontario cheese, many outbreaks of this defect were checked by the instructors through the constant use of the above tests.

During 1941, the instructors made 11,799 visits to cheese factories; 5,698 visits to producers sending low quality milk to the cheese factories. They also made 13,027 sediment tests, 25,023 methylene blue tests, and 13,225 fermentation tests.

Production of Creamery Butter in Ontario

	1940	1941
Western Ontario	57,243,275 lbs.	56,419,041 lbs.
Central Ontario	15,753,643	15,741,644
Eastern Ontario	10,400,525	9,779,964
Northern Ontario	3,839,241	4,411,896
TOTAL	87,236,684	86,352,545

Butter production in Ontario decreased 1.0 per cent in 1941 as compared with 1940. Ontario produced 30.2 per cent of the total butter produced in the Dominion as compared with 33.3 per cent in 1940. In 1941 approximately 38 per cent of Ontario creamery butter was graded.

Creamery Butter Graded

	Total Boxes	Per Cent 1st Grade	Per Cent 2nd Grade	Per Cent 3rd Grade	Per Cent Below 3rd Grade
1941	581,468	56.55	40.40	2.69	0.36
1940	570,680	58.62	38.55	2.61	0.22

21.67 per cent of the Ontario butter graded was first grade for flavour but was lowered to second grade owing to used boxes, single liners and

having over 2 per cent salt. Making these allowances, the quality of Ontario butter which was graded would be as follows:

	Per Cent 1st Grade	Per Cent 2nd Grade	Per Cent 3rd Grade	Per Cent Below 3rd Grade
1941	78.22	18.73	2.69	0.36
1940	78.44	18.73	2.61	0.22

Cream Quality

The quality of the cream received at the creameries as compiled from the instructors' monthly reports was as follows:

	Per Cent Special	Per Cent 1st Grade	Per Cent 2nd Grade	Per Cent Off Grade	Per Cent Special & First
1941	4.0	86.7	9.26	0.04	90.70
1940	4.4	86.53	9.0	0.07	90.93

Creamery Summary

	1940	1941
Number of Creameries operating	322	314
Number of Patrons	90,422	86,741
Average per cent fat in cream	31.8	31.9
Number creameries making cheese	31	31
Number Creameries making powdered and condensed milk	20	20
Number Creameries making whey butter	46	48
Number Creameries with meat storage lockers	66	80
Number Creameries manufacturing butter only—		
(a) no other side line	82	67
(b) no other dairy product	157	143
Average price of butter	26.11c	33.46c
Average price first grade fat	25.90c	34.62c

Buttermakers' Certificates Issued

	1st Class	2nd Class	Permits	Beginners' Permits	Total
1940	283	36	1	29	349
1941	271	35	3	34	343

Creamery Instruction

With the co-operation of the bacteriology department of the Ontario Agricultural College, a survey of creamery water supplies as a probable cause of undergrade butter was undertaken. In several cases it was proved conclusively that the water used in washing the butter was responsible for lower grade. Chlorination of the water supply rectified the trouble. Water direct from the well was usually suitable for buttermaking purposes. Water after being held in tanks or pipe lines for some time was unsatisfactory for butter washing purposes unless properly chlorinated.

The mould and yeast count was continued. There were not as many members in the service as the previous year but the average count was lower. Several line check samples were submitted, the analysis of which indicated source of contamination.

The instructors endeavoured to visit as many poor quality cream producers as possible during the year. The request to conserve on gasoline restricted the number of producers visited. As usual, much of the cream was found to be of poor quality because of faulty cooling methods.

The mechanical defects found in butter were reduced 6.9 per cent from 1940. There was a decided decrease in defects in texture as well as a decrease in colour and moisture defects. There was a considerable increase in defects under packing and finish and a slight increase in undissolved salt.

Another survey on the condition of cream cans was made during the summer months of 1941. The survey revealed practically the same conditions as those found in the 1940 survey. Only about 50 per cent of the cans examined were in first class condition. Approximately 37 per cent were mechanically defective, mostly rusty. Thirty per cent were improperly washed and dried. Approximately 40 per cent of the cans in use did not belong to the creameries using them.

Twenty-two agricultural short courses were attended by the instructors with an average attendance of 39.

Thirty-five fairs including two seed fairs were attended by the instructors who acted as judges of the dairy products classes, including cream quality and cream grading competitions. The average number of entries in these classes was 15.

Fifteen buttermakers' clubs operated during 1941. The instructors attended 111 of their meetings. The average attendance was 20.

Forty-nine other meetings connected with dairy problems were attended by the instructors during 1941.

AGRICULTURAL REPRESENTATIVE BRANCH

The work of the 53 Agricultural Representatives has changed to meet the problems of wartime agriculture.

A milk production programme was launched early in 1941 and continued throughout the season.

The Federal-Provincial Freight Free Grain Policy came into effect in February and was completed in July. All permits, investigations, records and accounts were handled by the Agricultural Representative Branch.

At the beginning of 1942 Agricultural War Committees were organized in each County and a survey of agricultural conditions and trends was made.

Hay and pasture and crop improvement programmes were maintained. Full attention was given to all agricultural organizations, junior extension, individual requests, correspondence and office work.

On April 1st, 1941, C. D. Graham resigned as Agricultural Representative in Peel County. E. A. Innes was transferred from Ontario County to Peel County and F. M. Campbell was appointed as Agricultural Representative in Ontario County.

DOMINION-PROVINCIAL FREIGHT FREE GRAIN POLICY

The policy came into effect on February 20, 1941. The quota was filled by April 4th and all accounts and records completed early in July.

<i>Total amount of grain moved under the Policy</i>	3,258,370 bus.
<i>Total cost</i>	\$340,093.74
<i>Half cost to Province of Ontario</i>	\$170,046.87
<i>Total permits issued</i>	1,881
<i>Permits cancelled, not used or refused payment</i>	29
<i>Total cars on which freight was paid</i>	1,852

KINDS AND AMOUNT OF GRAIN BROUGHT IN UNDER THE POLICY

<i>Oats</i>	1,717,016 bushels	@	34 lbs. per bushel
<i>Barley</i>	888,690	@	48 " " "
<i>Screenings</i>	301,108	@	50 " " "
<i>Wheat</i>	248,259	@	60 " " "
<i>Mixed Grain</i>	69,698	@	40 " " "
<i>Rye</i>	33,599	@	56 " " "
<i>Total</i>	3,258,370	"	

Thirty-nine cars were ground and bagged before shipment. Thirty-nine counties and 7 districts and more than 22,000 farmers took advantage of the policy.

MILK PRODUCTION PROGRAMME

In order to stimulate milk production, a comprehensive programme was carried through the season of 1941. Four hundred meetings were held with an attendance of more than 16,000. Some 98,000 copies of the handbook on milk production were distributed to creamery and manufactured milk patrons and 25,000 "More Milk for Cheese" booklets were distributed to cheese patrons; 1 Departmental advertisement was placed in all weekly and farm press; 5 press releases were issued from the Parliament Buildings and dozens were prepared by the Agricultural Representatives.

COUNTY AGRICULTURAL WAR COMMITTEES

As a war emergency measure and in order that all farmers might be contacted quickly to handle any emergency problems which might arise, an Agricultural War Committee was organized in each County. The main committee consists of from 8 to 15 members and in most counties the organization is extended to include representatives in each Township and in each School Section.

Already these committees have made a valuable contribution to Ontario agriculture by making an agricultural survey and by dealing with such problems as labour, the implement shortage, seed grain, co-operative use of mechanized equipment and exchange of work.

THE COUNTY AGRICULTURAL SURVEY

A three-page questionnaire in varying form was distributed to 131,173 farmers in Ontario. Some 64,157 or 49 per cent of the farmers canvassed returned the forms filled in, in more or less detail. The survey revealed that 24 per cent of Ontario farm operators are over 60 years of age, 25 per cent are between 50 and 60 years of age and 51 per cent are less than 50. The average age is approximately 49. There were 113,000 farm hands employed in 1941 as compared to 100,000 in normal times. The percentage of men employed by the day, however, had increased while the percentage of men employed by the month or by the year had decreased. There were 27,288 farm hands who left the farm during the year; 23 per cent enlisted; 34 per cent into war industries and 43 per cent into other occupations. Forty-nine per cent of farmers were without adequate help and more than 51,000 additional farm labourers are required in Ontario in 1942. Farm wages increased from 50 to 100 per cent in most counties. Farm women are doing more outside work on 58 per cent of the farms.

The following table is compiled from reports on the farm implement section of the survey:

Type of Implement	Total Number	Farms per Implement Western Ont.	Farms per Implement Eastern Ont.
<i>Tractors</i>	37,798	3.2	4.9
<i>Tractor Plows</i>	33,062	3.9	5.9
<i>Combines</i>	1,678	63.0	266.0
<i>Fertilizer Drills</i>	23,362	4.3	32.0
<i>Milking Machines</i>	9,047	15.9	13.3

Twenty-three per cent of the farmers require new implements and 36 per cent require implement repairs.

In spite of the labour shortage and other handicaps, 88 per cent of the farmers plan to increase bacon production; 87 per cent plan to increase milk production and 90 per cent plan to increase egg production.

Sixty-six per cent of farmers have a radio; 46 per cent take a daily paper and 81 per cent have a telephone. There is almost one farm magazine to each farm home and one weekly paper for each $1\frac{1}{4}$ farm homes. Some families, of course, take more than one farm magazine and more than one weekly paper.

LIVE STOCK IMPROVEMENT

Horses

Twenty-three Boys' Foal Clubs, with a membership of 298, were organized and instruction given in care, feeding, fitting, exhibiting, judging and management.

The Agricultural Representatives provided transportation for Stallion Inspectors on their annual fall inspection trips.

Cattle

The first artificial insemination club in Ontario was organized in Waterloo County with a group of Jersey herds.

Milk testing facilities were provided for those who wished to take advantage of it.

Eighty-eight Calf Clubs were organized with a membership of 1,393.

In Northern Ontario Bull Clubs under the Federal Bull Loaning Policy continue to exert a beneficial influence in cattle improvement. There are now in operation 119 clubs.

Sheep

Nine Lamb Fairs were held in Northern Ontario at which 6,114 lambs were judged, graded and marketed. Thirty-two drenching demonstrations for the control of internal parasites, as well as docking, castrating, dipping and shearing demonstrations were held.

Swine

Seventy-seven special swine meetings were held with an attendance of 2,253. Twenty-three Boys' Swine Clubs were organized. Two hundred and four Boar Clubs are now in operation. At least 6 educational visits to packing plants were organized.

Poultry

Sixty-one poultry culling demonstrations were held in 17 counties, with approximately 8,300 birds culled in demonstration. It is estimated that 451,500 birds were culled in 20 counties by 270 trained cullers.

There are in Ontario 567 Poultry Breeding Station flocks, with 221,122 birds and 721 hatcheries with a capacity of 8,273,388 eggs.

Seven Boys' and Girls' Poultry Clubs were organized, with a membership of 123.

Live Stock Breeders' Clubs

There are 95 Live Stock Breeders' Clubs in Ontario, representing practically all the breeds of live stock. The Agricultural Representatives co-operate very closely with all Breeders' Clubs and act as secretaries of most of them.

FIELD CROP IMPROVEMENT

Seed Survey

The third annual Seed Survey was prepared and ready for distribution on January 2nd outlining sources of supply and amounts.

The Agricultural Representatives act as secretaries for 40 of the 46 County Crop Improvement Associations.

Soil Testing

Twenty-one Agricultural Representatives' offices are equipped with Thornton Test Kits for testing soil samples. These representatives report testing 330 soil samples. Thousands of soil samples were forwarded direct to Guelph, Kemptville, Ridgetown or Vineland for analysis.

Orchard Spray Service

Some 4,765 growers in 24 counties received the spray service letters. All these growers received at least 7 letters and growers in some counties received as many as 14 letters in the series.

Apple Maggot Inspection

	1938	1939	1940	1941
<i>No. orchards inspected.</i>	2,057	2,396	2,102	1,812
<i>No. orchards infected.</i>	865	930	1,021	454

Reforestation

Some 15,000,000 trees were distributed by the Forestry Branch. In Norfolk County 1,928,000 trees were planted on an estimated acreage of 1,400.

Thirty-five Home Improvement Contests were held with 755 contestants. Howard Disher, Reeve of Burford Township, in Brant County, won the Provincial honours.

Farm Tours

Twenty-seven Tours, consisting of farm groups, were organized by Agricultural Representatives. There were 1,637 passengers and the mileage varied from 100 to 600, with a total mileage of 4,833.

Farm Labour

Labourers placed by the Agricultural Representatives:

	Applications Received	Number Placed
<i>Married Men</i>	57	12
<i>Single Men</i>	280	99
<i>Boys</i>	93	35
<i>Women</i>	5	
<i>Total</i>	435	146

Community Night Class Project

This project has developed extensively in Simcoe County and is the result of the co-operative effort of the Departments of Education and Agriculture, the County Federation of Agriculture and the Community Life Training Institute of the University of Toronto. The supervision of the programme is largely shared between the Agricultural Representatives and David Smith, Director of the C.L.T.I.

JUNIOR EXTENSION

Rural School Fairs

Forty-seven School Fairs were held under local management with 10,456 pupils in 437 schools making 19,408 entries. There was an attendance of 29,420 adults and 11,685 children. Agricultural Representatives in most cases assisted in the judging and management of the fair programme.

Short Courses in Agriculture

Due to the shortage of help and the scarcity of young men of the desired age, fewer short courses were held.

SHORT COURSES	Number	Enrolment
<i>One Month's Courses</i>	10	199
<i>Special One Month Resident Course</i>	1	17
<i>Two-Day Farm Management Courses</i>	14	546
<i>Two-Day Farm Mechanics Courses</i>	15	697
<i>Special Three-Day Courses</i>	1	20
<i>Special Two-Day Courses</i>	10	249
<i>Special Series of Meetings (4 per place)</i>	20	360
<i>Special Series of One-Day Meetings</i>	33	970
TOTALS	104	3,058

Junior Farmer Associations

There are 80 active local Junior Farmer Associations and 21 County Associations with a total membership of 3,523.

Junior Farmer War Work

Junior Farmers' and Junior Farm Women's Associations have contributed more than \$4,000 in 18 months. An ambulance and a station wagon have been sent to England, at a cost of \$2,850, and some \$1,200 has been collected for a mobile canteen.

Junior Farmer Plowing Competitions

Ten Home Plowing Competitions and 11 Junior Plowing Matches were held, with 239 Junior Farmers competing with 28 plowing demonstrations held in preparation for these contests. Twenty-six county teams competed at the International Plowing Match at Peterborough with 17 in the class for horse-drawn plows and 9 in the tractor class.

Championship Teams at the International Plowing Match:

Horse Drawn Plows—Haldimand County

Keith Bacher, Cayuga	Age 19	Coached by: A. G. Skinner, Agricultural Representative, Cayuga, Ontario.
Harold Nie, Nanticoke	Age 18	
Robert Laidlaw, Jarvis	Age 17	

Tractor Plows—York County

Murray Timbers, Locust Hill	Age 16	Coached by: W. M. Cockburn, Agricultural Representative, Newmarket, Ontario.
Robert Timbers, Stouffville	Age 14	

County Judging Competitions

Thirty-four Live Stock and 18 Seed Judging competitions were held, with a total of 1,613 Junior Farmer contestants.

Junior Entries at Larger Fairs (Judging Competitions only)

<i>Canadian National Exhibition</i>	361
<i>Peterborough Junior Fair</i>	172
<i>Central Canada Exhibition</i>	111
<i>Western Junior Fair</i>	87
TOTAL	731

Ontario Provincial Winter Fair—Seed Show

<i>Number of entries in Junior Classes—</i>		
<i>Potatoes</i>	79	
<i>Oats</i>	42	
<i>Barley</i>	24	
TOTAL	145	

4-H Club Congress, Chicago

Nine Junior Institute members and 11 Junior Farmers, all county winners, in the counties of Brant, Bruce, Halton, Lincoln, Middlesex, Peel, Ontario, Wentworth and York, attended as a group the National 4-H Club Congress and the International Live Stock Show at Chicago. E. F. Neff, Agricultural Representative, St. Catharines, was in charge of the party and acted as club leader. Miss Helen McKercher, Home Demonstration Coach, acted as chaperone for the girls.

BOYS' CLUB WORK

The scope of club work in Ontario is largely limited by the time the Agricultural Representative and club leaders have at their disposal to devote to Junior Extension of this type in the respective counties. Four thousand four hundred and eighty-seven boys and girls were enrolled in 306 clubs in 1941, as compared with 5,311 members in 321 clubs in 1940.

The Agricultural Representative assumes the responsibility for the organization of boys' and girls' clubs, assisted by a volunteer club leader and a committee for each club. Each club is sponsored by a local organization which, in addition to taking a direct interest in the club members, agrees to pay one-third of the prize money and often arranges suitable credit on which club members may purchase a good calf, pair of pigs, group of sheep, flock of baby chicks, registered seed grain or certified potatoes.

The Ontario Live Stock Branch contributed \$2,224.49 in prize money and assisted judges in many competitions.

Clubs organized in 1941:

Club	No. Clubs	Membership
<i>Calf</i>	88	1,393
<i>Swine</i>	23	290
<i>Foal</i>	23	298
<i>Sheep</i>	4	56
<i>Poultry</i>	7	123
<i>Grain</i>	50	784

Potato ..	70	1,036
Garden and Canning	41	507
<i>TOTAL</i>	306	4,487

Provincial Inter-Club Contests

The two high ranking club members, between the ages of 16 and 21, in each club, were eligible to compete in the Provincial Inter-Club Competitions held at the Ontario Agricultural College, Guelph, on October 24th. A suitable trophy and 20 cash prizes totalling \$90 in each of the seven projects were awarded. Three hundred and four boys, on 152 teams, competed in these competitions.

Winning Teams

Project	No. Teams	County	Coach	Team Members
<i>Dairy Calf</i>	38	Peel	E. A. Innes	Elgin Cunnington, Brampton Walton Jefferson, Malton
<i>Beef Calf</i>	19	Ontario	F. M. Campbell	Harry Blackburn, Uxbridge Joe Richardson, Ashburn
<i>Swine Club</i>	12	Perth	R. E. White	Walter Arbogast, Stratford Percy Wright, Cromarty
<i>Foal Club</i>	14	Halton	J. E. Whitelock	Gordon Rodney, Milton Donald Peer, Milton
<i>Grain Club</i>	30	Renfrew	F. Q. Dench	Geo. Richardson, Burnstown Bernie Luker, Renfrew
<i>Potato Club</i>	36	Simcoe S.	F. A. Lashley	Edwin Pearson, Everett Arthur Nicol, Loretto
<i>Poultry</i>	3	Lincoln	E. F. Neff	Keith Wiley, St. Catharines Howard Prentice, St. Catharines

National Club Contests

National Club Contests, under the auspices of the Canadian Council on Boys' and Girls' Club Work, were held at Toronto on November 3rd and 4th to determine Dominion Championships in the respective projects. The Province of Ontario entered four teams, the maximum allowed from any one Province. All nine Provinces were represented, with a total of 33 teams.

Standing of Ontario teams:

Project	Standing	Coach	Team Members
<i>Potato</i>	1st	F. A. Lashley	Edwin Pearson, Everett Arthur Nicol, Loretto
<i>Dairy Calf</i>	2nd	E. A. Innes	Elgin Cunnington, Brampton Walton Jefferson, Malton
<i>Grain</i>	3rd	F. Q. Dench	Geo. Richardson, Burnstown Bernie Luker, Renfrew
<i>Swine</i>	5th	R. E. White	Walter Arbogast, Stratford Percy Wright, Cromarty

During the 10 years in which National Club Contests have been conducted, Ontario teams have won 15 championships, 12 seconds, 8 thirds, 2 fourths and 2 fifths.

Boys' Club Classes at Larger Fairs

Five Fair Boards in Ontario provided classes for one or more phases of Boys' Club Work and, in addition, paid transportation on the club stock and provided sleeping accommodation and meals for the club exhibitors.

	No. Days	No. Club Members	No. Calves	No. Sows	No. Foals
<i>Lakehead Exhibition</i>	3	135	Details not given		
<i>Central Canada Exhibition</i>	3	161	145	32	—
<i>Canadian National Exhibition</i>	3	143	143	—	—
<i>Peterborough Junior Fair</i>	1	34	34	—	—
<i>Western Junior Fair</i>	2	107	75	30	17
TOTALS	12	580	397	62	17

MILK CONTROL BOARD OF ONTARIO

In so far as wartime conditions permitted, the Milk Control Board of Ontario continued to administer the Milk Control Act and the Regulations in accordance with policies that have been developed over the years and to develop such new policies as were required to meet current changing conditions.

As in former years, the Board met regularly from two to four days each week with the remainder of the Chairman's time devoted to investigational work and general administration. One hundred and thirty meetings of the full Board were held. In addition to the routine consideration of license applications, audit and other reports from members of the Board's staff, consideration of price problems and other disputes, the Board conducted 426 hearings of various kinds.

Early in the year the Board was able to approve price revisions in some markets so that in those markets milk prices were permitted to follow the general upward price movement of all commodities. The normal season for price revision, however, comes in the fall of the year and before general adjustments were completed, retail price ceilings had been established by the Wartime Prices and Trade Board, and the milk industry of the Province found itself in a position where production costs, plant costs and distribution costs had materially increased without comparable increase in the price of products sold. This situation caused the Board great concern and the resulting problems were extremely difficult to handle.

By the issuance of some general orders and by the approval of some general agreements, the Board was able to assist in bringing about certain economies in milk distribution, chief among which were the elimination of special deliveries, the elimination of returns from stores, limitation of deliveries to consumers to one per day and the establishment of standard milk caps, of standard grades for cream and of standard containers for cream.

The Board was also able to assist the milk producers by presenting their serious production problems to the Wartime Prices and Trade Board. Toward the end of the year some assistance was given by means of a subsidy of 30 cents per one hundred pounds on fluid milk and 40 cents per hundred pounds on manufacturing milk was paid from the 22nd day of December 1941 until the end of April 1942.

Though this subsidy was paid by the Commodity Prices Stabilization Corporation Limited, the claims were made through the office of the Board and the checking of these claims materially increased the work of the Board's staff.

With the establishment of the Wartime Prices and Trade Board as the final authority in connection with all commodity prices, the Provincial Milk Board found a new field of service, namely, the interpretation to the Prices Board of the opinions and needs of the producers and the distributors of the Province, and in turn, of interpreting to the Trade the rulings and opinions of the Prices Board.

The Board's work, therefore, during the year has been to continue as far as possible those policies of supervision which have been of material benefit to the industry for several years and to be of as much value as possible in guiding the industry through these very difficult times.

THE CO-OPERATION AND MARKETS BRANCH

The activities of the Branch are devoted to finding new and larger markets for farm products, to improving distribution and marketing methods as now generally adopted and to obtaining larger net returns for the primary producers.

In Northern Ontario and in Northwestern Ontario this work is being undertaken by marketing promoters located at New Liskeard and at Port Arthur, respectively. These marketing promoters serve the farmers in their districts by giving guidance in the crops to produce and by finding outlets for the products whether locally or farther afield.

Temiskaming and Cochrane Districts

During the year many of the difficulties in marketing Northern Ontario farm produce have largely disappeared, or have been to some extent overcome. This may be attributed to a greater demand for local grown produce due to better grading and to the absence of many truckers from Southern Ontario. There has also been a fairly rapid movement of people away from the farms. With several producer organizations to assist them, farmers are in a better position to carry on themselves than they have been at any time.

The market promotion work was somewhat interrupted this year in that the Promoter was requested to assist the Economics Division of the Dominion Department of Agriculture with a market survey of Northern Ontario. This work when completed will be of value in determining the exact consumer requirements of these markets. It will be a guide to future production and play an important part in the rehabilitation of soldier-farmers after the war.

Rainy River, Thunder Bay and Kenora Districts

During the past year many changes have taken place. These have been brought about basically by world-wide war conditions. To favour farm conditions there has been improved demand for practically all farm products. Increased selling prices, in some cases, strengthened by subsidy

payments, have encouraged production. Many farmers in the area, however, have worked under handicaps of labour shortage and have also experienced severe crop losses caused by heavy rains and adverse weather conditions, particularly at harvest time.

Despite the fact that many farms remain idle—many farmers, their sons and labourers having left the district during recent years—production of agricultural products has increased. As a result there has been increased interest and activity among those who are left on the land to carry on.

While progress has been limited due to conditions, much has been accomplished by way of organizing markets, arrangement of contracts and raising the general price level of farm products. Assistance has been given in making direct arrangements for sales of farm products. Due to connections made in past years, many favourable contacts have continued to the satisfaction of all parties concerned. An accurate account was not kept of all such transactions. However, a very conservative estimate would be that contacts were made for farm products to the value of over \$25,000. Of this amount, direct supervision was given in some instances, by way of inspection, packaging, loading, etc.

Old Ontario

During the year the staff of the Branch attended numerous meetings of producers throughout the Province. Marketing suggestions, probable requirements, the need for more attention to grading and improved packaging, the value of co-operative effort in trading organizations as well as along lines to promote improved social conditions have all been featured.

Thedford Cold Storage, Thedford

As reported a year ago, the operations of this plant since the Ontario Government took title to the property have been supervised by the Branch in the interest of the fruit and vegetable growers in the district.

During the second season, ending July 31st, 1941, earnings were such, even after maintenance and operation including depreciation, that the guarantee from the Treasury Department was reduced from \$8,500 to \$6,500.

While celery at harvesting time found a ready sale, the quantity placed in storage increased slightly to 16,963 crates from 16,541 crates in 1940. Apples stored showed a sharp decrease to 2,938 hampers compared with 4,776 in 1940. This was due to the greatly reduced 1941 apple crop.

Gross revenue will be considerably in excess of the \$6,500 earned in 1940, while maintenance and operating expenses will average somewhat lower so that the net result will mean a still further reduction in the guarantee from the Treasury Department for the coming year.

General

Certain companies granted financial assistance under the Co-operative Marketing Loan Act were visited in order that their operations might prove more profitable.

The Branch has assisted numerous co-operative groups in becoming incorporated under Part XII of The Companies Act (Ontario). The proper type of incorporation, a comprehensive statement of the objects of incorporation, suitable by-laws for co-operative companies, and arrangements for a sound financial set-up are all matters that are carefully considered with any group seeking incorporation.

THE FARM PRODUCTS CONTROL BOARD

Under the Farm Products Control Act, the Farm Products Control Board is given authority to establish and supervise the operation of local boards for regulating the marketing of designated farm products. The three chief features of the Act are, briefly:

- (1) Provision for the Board to recommend approval of a marketing scheme after a poll has been taken of growers favouring its adoption. A scheme may be revoked in the same way.
- (2) Provision on approval of a scheme to enable those who produce and market a designated farm product to constitute marketing machinery through which they may regulate the movement, direct the sale and determine the practices that shall prevail in the distribution of such a product.
- (3) Provision for the investigation of marketing conditions and practices in connection with any designated farm product.

LOCAL BOARDS ESTABLISHED UNDER THE FARM PRODUCTS CONTROL ACT TO MARCH 31st, 1942

The Ontario Cheese Producers' Marketing Board: As reported last year, this was the first local board established under the Act. The purpose of the scheme is:

- (1) To require all cheese to be sold in Ontario on local cheese boards under uniform rules and regulations.
- (2) To defray the necessary expenses of the local board by a service charge of five cents per one hundred pounds of cheese marketed.

During the period to October 31st, 1941, all cheese was commandeered for export by the Dominion Dairy Products Board at a fixed price of 16 cents per pound f.o.b. car or ship, Montreal, Que. Under this wartime emergency condition there was no buying competition on the local cheese boards. When on November 1st competitive buying was resumed during the winter period for the domestic market the producers immediately realized the maximum ceiling price of 25 cents per pound through the medium of auction sale on the local cheese boards.

Approximately 101,387,219 pounds of cheese were made in Ontario in 1941 from milk shipped by some 26,000 farmers; an increase in production of 2,863,470 pounds from 1940.

The Ontario Peach Growers' Marketing Board: Some 750 growers sold 10,536 tons of peaches for processing in 1941, which had a money value of \$662,410.81. This was a substantial increase from the 8,320 tons of peaches sold by 700 growers for processing in 1940, which had a money value of \$437,805.09. The 1941 minimum price was $3\frac{1}{2}$ cents per pound for Elberta peaches, compared to $2\frac{7}{8}$ cents per pound in 1940, and 3 cents per pound for "V" type peaches compared to $2\frac{1}{2}$ cents per pound in 1940.

Peaches for the wholesale and retail fresh fruit trade are exempt from the plan.

The Ontario Asparagus Growers' Marketing Board: Approximately 650 growers sold 2,716,746 pounds of asparagus for processing in 1941, which had a money value of \$241,694.50. This compares with 2,531,931 pounds of asparagus sold for processing in 1940, valued at \$212,774.00. The 1941 asparagus minimum price of No. 1A (5") was $11\frac{3}{4}$ cents per pound, No. 1B (6") was $10\frac{1}{2}$ cents per pound, Utility Grade was $7\frac{3}{4}$ cents per pound, and No. 2 Grade 5 cents per pound, compared to the 1940 asparagus minimum prices of No. 1A (5") $10\frac{3}{4}$ cents per pound, No. 1B (6") $9\frac{1}{2}$ cents per pound, Utility Grade $7\frac{1}{8}$ cents per pound, and No. 2 Grade 5 cents per pound.

Asparagus for the wholesale and retail fresh vegetable trade is exempt from the plan.

The Ontario Pear, Plum and Cherry Growers' Marketing Board: Some 2,200 growers sold 3,598 tons of cherries, valued at \$454,560.44; 1,626 tons of plums, valued at \$67,626.20, and 2,962 tons of pears, valued at \$132,573.53 for processing in 1941, compared to the sale of 1,430 tons of cherries, valued at \$145,831.22; 1,278 tons of plums, valued at \$39,904.53, and 5,934 tons of pears, valued at \$189,006.36 for processing in 1940.

The 1941 minimum price for red sour cherries was $5\frac{3}{4}$ cents per pound and for sweet cherries 8 cents per pound compared to the 1940 minimum price for red sour cherries of 5 cents per pound and for sweet cherries of $6\frac{1}{2}$ cents per pound. The 1941 minimum price of plums was $2\frac{1}{4}$ cents per pound compared to the 1940 minimum price for plums of 2 cents per pound. The 1941 minimum prices for Bartlett pears was 3 cents per pound and for Kieffer pears was 2 cents per pound compared to the 1940 minimum prices for Bartlett pears of $2\frac{1}{4}$ cents per pound and for Kieffer pears of $1\frac{1}{2}$ cents per pound.

Pears, plums and cherries for the wholesale and retail fresh fruit trade are exempt from the plan.

The Ontario Tomato Growers' Marketing Board: As reported for the fiscal year ending March 31st, 1939, there was then under consideration the establishment of a tomato marketing for processing scheme with similar aims and objects to those already discussed. Following a lengthy

consideration at that time, the Board decided to enact certain regulations respecting the form of contract to be used by all companies in purchasing tomatoes for processing.

The industry still lacked the authority to negotiate minimum prices for tomatoes for processing by committees of equal numbers of growers and processors, a development growers particularly desired to have enacted. Continuous petitions for approval of such a price negotiating provision were made during 1940. These followed a poll of the growers concerned which showed 4,355 growers in favour of the scheme, 12 against the scheme with 30 declining to vote. The Board thereupon recommended the proposed scheme which was approved by the Minister of Agriculture December 7th, 1940.

Chief feature of the plan is provision for the appointment under the local board of a negotiating committee comprised of three growers and three processors. This committee is empowered to negotiate and fix agreements respecting various terms of contract for purchasing tomatoes for processing including conditions of sale and minimum prices.

Approximately 6,000 growers sold 6,923,785 bushels of tomatoes for processing during 1941 which had a money value of \$2,980,903.36. The 1941 tomato minimum price was \$14.10 per ton delivered factory.

General: It will be noted from the foregoing that the four fruit and vegetable grower marketing boards, handling six commodities for processing only, did a combined total business of \$4,539,818.84 in 1941, compared to \$1,025,321.60 in 1940.

The Ontario Seed Corn Growers' Marketing Board: Following the customary poll of the producers concerned, which was substantially favourable, the Board recommended The Ontario Seed Corn Growers' Marketing Scheme which was approved by the Minister, March 21st, 1942.

Aims and objects of the scheme are similar to those already discussed except that this marketing plan is not primarily a price scheme. Through negotiation, a scale of premiums is fixed for the different varieties of registered hybrid and open pollinated seed corn to be paid over and above the prevailing January market prices for dried commercial corn. During its first year's operation some 148,662 bushels of registered seed corn were handled by the local board.

CREDIT UNIONS

The complete classification of incorporated Credit Unions as at the close of the fiscal year is as follows:

Description	Number Operating	Total Assets	No. of Members	No. of Borrowers
<i>ASSOCIATIONAL:</i>				
<i>Co-operative</i>	4	\$ 6,357.02	261	74
<i>Labour</i>	1	425.56	39	11
<i>Racial</i>	13	180,065.66	1,497	1,013
<i>Religious</i>	20	1,064,837.24	5,074	1,424

OCCUPATIONAL:

<i>Educational</i>	2	13,733.71	212	83
<i>Government:</i>				
<i>Federal</i>	3	484,928.22	4,065	1,891
<i>Municipal</i>	3	89,577.97	1,194	626
<i>Industrial:</i>				
<i>Cleaners and Dyers</i>	1	9,425.27	140	79
<i>Metals—Steel</i>	1	28,118.53	572	235
<i>Machine</i>	1	8,731.88	184	110
<i>Motor Vehicles</i>	1	127,291.10	1,096	638
<i>Paper Boxes</i>	1	1,006.14	82	35
<i>Pulp and Paper</i>	2	9,561.59	350	124
<i>Printing</i>	3	22,495.88	302	205
<i>Public Utilities—</i>				
<i>Electricity</i>	1	2,401.91	80	35
<i>Telephone</i>	4	15,948.91	556	277
<i>Rubber Products</i>	1	4,790.69	204	115
<i>Transportation—</i>				
<i>Railway</i>	3	19,731.40	503	370
<i>Street Railway and Bus</i>	3	16,378.74	376	152
<i>Twine Mills</i>	2	63,345.01	410	120
<i>Residential:</i>				
<i>Rural Community</i>	12	4,194.37	442	38
<i>Urban Community</i>	11	20,008.45	1,031	339
	93	\$2,193,355.25	18,670	7,994

Section 47 of The Credit Unions Act requires all credit unions organized thereunder to make reports to the Department at least annually and pursuant to this provision the Inspector of Credit Unions has caused annual returns to be rendered not later than March 1st in each year. These returns consolidated for the last fiscal year reveal a substantial membership and financial growth compared to the same period of a year ago, viz:

	1940	1941
<i>Credit Unions operating</i>	67	93
<i>Total Membership</i>	14,461	18,670
<i>Total No. of Borrowers during the year</i>	6,296	7,994
<i>Total Share Capital</i>	\$ 600,746.01	\$ 801,943.76
<i>Total Deposits</i>	\$ 1,057,695.53	\$ 1,130,373.49
<i>Total Amount loaned during the year</i>	\$ 1,424,603.64	\$ 1,710,696.66
<i>Total Amount loaned since organization</i>	\$10,486,130.37	\$12,196,827.03
<i>Total Assets</i>	\$ 1,936,932.23	\$ 2,193,355.25
* <i>Total Guarantee Funds</i>	\$ 178,346.58	\$ 197,832.50
<i>Total Interest paid to Depositors</i>		\$ 26,543.95
<i>Total Dividends paid to Shareholders</i>		\$ 34,897.90

* Reserve against uncollectible loans and losses. Must be invested in investments authorized by The Trustee Act (Ontario).

Among the outstanding features of the past year was an increase of 4,209 in credit union membership, an increase of 1,698 in the number of borrowers, an increase of \$201,197.75 in paid-up shares and of \$72,677.96 in deposits and an increase of \$256,423.02 in total assets. This substantial progress was made despite necessary wartime dislocations to both the rural and urban population. The continuous campaign to invest regularly in War Savings Certificates and Stamps and the special War Loan and Victory Loan Campaigns also combined to divert substantial sums to Dominion Government war securities. Regardless of the many uncer-

tainties under present conditions, however, all indications point to a continuation of the same steady growth which has characterized the credit union movement in Ontario during the past two years.

Bad debts charged off during the year totalled \$770.76 or less than $\frac{1}{100}$ ths of one per cent of the total amount loaned.

Ontario Credit Unions have purchased since the declaration of war \$39,650 Dominion of Canada War Loan and Victory Bonds.

As at the close of the last fiscal year credit unions were operating in the following twenty-nine Ontario cities, towns and villages in the number indicated: Barrie 1, Bracebridge 1, Combermere 1, Cormac 1, Corunna 1, Douglas 1, Eganville 1, Fort William 2, Hamilton 16, Kapuskasing 2, Kirkland Lake 1, Kitchener-Waterloo 1, London 1, Madawaska 1, Maynooth 1, Norwich 1, Ottawa 5, Park Head 1, Pembroke 1, Penetanguishene 1, Peterborough 1, Port Elgin 1, Ruby 1, Timmins 2, Toronto 37, Welland 1, Westmeath 1, Windsor 7, Wylie 1. Total 93.

CROPS, SEEDS AND WEEDS BRANCH

SEED CLEANING PLANTS

Ninety seed cleaning plants have been installed, including a portable one in the Sudbury District. All plants in Southern Ontario were visited during the year by a representative of our Branch. A number of operators report they cleaned seed 24 hours a day during the rush season.

The following is a brief summary of the work done during the year: Grain cleaned 1,008,713 bushels; Clover and Grass Seeds cleaned 4,324,754 pounds; Farmers served 18,134.

It is interesting to note that during the 9-year period 1933-1941 92,669 farmers were served by these plants; 5,488,539 bushels of grain and 31,021,925 pounds of clover and grass seeds were cleaned during this period.

TESTS WITH SEED TREATERS

In co-operation with the Ontario Department of Health, Botany Departments at Central Experimental Farm, Ottawa, and Ontario Agricultural College, Guelph, considerable experimental work was undertaken with a view to developing a Seed Treater which would be safe and efficient. The work is being continued.

LIME SUBVENTION POLICY

Under this policy the railway companies operating in the Province have agreed to reduce the freight 25 per cent on carload shipments of agricultural limestone. The Provincial Department of Agriculture pays 50 per cent of the reduced freight, the maximum grant being \$1 per ton. The limestone must be satisfactory chemically and physically.

Forty-four cars (2,016.55 tons) were moved under the policy during the year.

PURCHASE OF SEED GRAIN FOR NORTHERN ONTARIO

The purchase of seed grain under the Northern Ontario Seed Distribution Policy was under the direction of this Branch. The following districts were included under the policy: Kenora, Rainy River, Thunder Bay, Algoma, Sudbury, Manitoulin, Muskoka, Parry Sound, Nipissing, Timiskaming and Cochrane.

The following is a statement of seed distributed: Bags of Oats 5,130, bags of Barley 1,087, bags of Wheat 124, bags of Grass Seed 159, bags of Peas 26.

DOMINION-PROVINCIAL COMMITTEE ON INCREASED PRODUCTION OF FIELD ROOT AND GARDEN VEGETABLE SEEDS

The above Committee was appointed to arrange for the production of field root and garden vegetable seeds as an assurance against any seed shortage in 1942. Meetings of the Committee were held and accounts for one-half the cost of seed and seed roots purchased by the Committee were paid by this Branch.

The following quantities of seed were purchased and given out under contract to growers:

Scarlet Globe Radish 150 lbs., Scarlet White Tip Radish 50 lbs., Saxa Radish 8 lbs., French Breakfast Radish 10 lbs., Icicle Radish 10 lbs., Bloomsdale Spinach 77 lbs., Detroit Dark Red Beets 10 lbs. (to produce stecklings for 1942), Penn. State Ball Head Cabbage 1,973 heads.

Arrangements were made by the Committee to produce Yellow Intermediate Mangel and Giant White Sugar Mangel seed from stecklings grown in 1940.

An agreement was drawn up with each grower which guaranteed a set price for the seed crop. Plans have been completed to take care of any possible seed shortage in 1943.

POTATO IMPROVEMENT

Preparations for production of the 1941 potato crop were featured by appeals in the daily, local and farm press, and circular letters to growers to plant disease-free or certified seed. Treating of seed to control surface-born diseases was strongly recommended. Assistance was given to many growers in obtaining seed potatoes and to those having certified seed for sale in making distribution of their stock. Large dealers took advantage of the services of this Branch in obtaining supplies and assistance was given in disposing of same.

During the growing season inspections were made of fields on farms where Bacterial Ring Rot had been previously reported. In every case where growers had planted certified seed and had properly disinfected implements and storage bins, no Ring Rot was found.

Six potato meetings were held on Manitoulin Island featuring production, spraying and dusting. Two cars of certified seed were purchased during the year by growers on the Island.

Several meetings were also held in the Sudbury District and a number of individual growers were contacted. These Northern districts are potential sources of high quality certified seed.

ONTARIO CROP IMPROVEMENT ASSOCIATION

Briefly the policy of The Ontario Crop Improvement Association is to organize branches in the counties and districts of the Province, each to conduct its own Crop Improvement programme. Each Association may obtain an annual grant of \$200. Forty-eight branches have been organized to date. Proposed projects are submitted to a Committee for their consideration and approval before being undertaken.

The following is a brief summary of the 1941 programme: Number of Seed Fairs held 36; approximate number of projects undertaken 266; Co-operators 883; acreage under projects 1,164.

Projects included demonstrations with varieties of cereals including mixtures, hybrid and open pollinated corn, potato variety and fertilizer demonstrations, hay and pasture demonstrations, use of tripods, weed control demonstrations, etc. Grants paid on projects during the year totalled \$3,689.25.

SEED FAIRS — SEED DISPLAYS

Forty seed fairs and seed displays were held during the year including competition and sale of seed were held at the majority of these. Educational Displays were set up and mimeographed lists of seed for sale distributed. A representative from our Branch attended each of these events with an educational exhibit and assisted with the judging and programme.

<i>Total number of Fairs and Displays</i>	40
<i>Exhibitors</i>	1,293
<i>Entries</i>	3,337
<i>Attendance</i>	6,536
<i>Grain for sale</i>	80,406 bushels
<i>Small seeds for sale</i>	371,303 pounds
<i>Potatoes for sale</i>	22,314 bags

Grants to Seed Fairs

<i>Crop Improvement Association Seed Fairs</i>	\$2,845.65
<i>District Seed Fairs—Ottawa Valley and Quinte Seed Growers' Associations</i>	450.00

INTERNATIONAL GRAIN AND HAY SHOW, CHICAGO

The Department offers the following special prizes to Ontario exhibitors who participate in this show: (a) \$15 each to Ontario exhibitors winning a first prize; (b) \$5 each to Ontario exhibitors winning highest awards in the various classes providing such exhibitors did not win a first prize in the same class; (c) payment of shipping charges on seed to and from Chicago. The total expenditure amounted to \$223.32.

ADMINISTRATION OF THE WEED CONTROL ACT

Approximately 1,000 Weed Inspectors were appointed by Municipal Councils throughout the Province. Nine District Weed Inspectors were appointed by the Department of Agriculture, their duty being to supervise the work and to co-operate with all concerned. Timely press releases on "The Weed of the Week" was sent newspapers during the summer months.

REGISTRATION OF THRESHING MACHINES

There were 4,952 machines registered "for hire" and 2,760 "not for hire", making a total of 7,712 machines registered. Some \$4,952 revenue was obtained in registration fees on machines for hire.

In the opinion of the Fire Marshal's office the "No Smoking" sign, paid for jointly by the Fire Marshal's office and this Branch, has made a definite contribution to the decrease in the number of threshing fires. The following figures illustrate this:

Year	Number of Fires	Total Loss
1935	62	\$198,048
1936	33	113,394
1937	36	117,975
1938	49	120,802
1939	43	116,556
1940	26	60,428
1941	16	62,796

Representatives of our Branch assisted with the programme at the annual meeting of The Western and Eastern Brotherhood of Threshermen at London and Peterborough. These organizations received a \$200 grant.

CHEMICAL WEED KILLERS

Chemical Weed Killers were more generally used throughout the Province for the eradication of weeds and brush, particularly on roadsides, than in any previous year. Roadsides previously sprayed required very little chemical for touching up.

Approximately 12,000 circulars on "Weed Eradication by Chemicals" were distributed during the year.

Demonstrations were put on daily with different types of sprayers, including the Ontario County outfit with boom and broom attachment at the International Plowing Match.

EXPERIMENTAL WORK

Some work was done with plate grinders, hammer mills and rollers of different types and makes with a view to determining their efficiency in so far as their ability to crush small weed seeds is concerned. Four types of plate grinders, 3 types of hammer mills and 1 type of roller were included in these tests. Samples of seed containing weed seeds was purchased and analyzed before and after grading. Information obtained to date has proven that certain types are more efficient than others. This work will be continued and recommendations made to the manufacturers. Tests with fanning mills are being continued with a view to improving their efficiency.

GENERAL CROP IMPROVEMENT PROGRAMME

The following educational exhibits were set up at seed fairs, seed displays, crop meetings, fall fairs and plowing matches—"Pasture Improvement", "Seed Cleaning Plants", "Plan Now for 1942", "Smuts and Rusts of Cereals", "Operation of the Fanning Mill with Power", "Weed Control", "Potted Weed Exhibit".

A list of fall wheat and fall rye for sale was prepared in mid-summer and given wide distribution. A display of representative samples of seed for sale was set up at the International Plowing Match and mimeographed lists distributed.

Red Clover and Flax seed containing Dodder seed was purchased and a demonstration on the removal of the seed was arranged with a Toronto seed firm. Samples analyzed before and after processing revealed that 100 per cent separation of Dodder was made. The Ontario Dodder Committee attended this demonstration.

In co-operation with the Ontario Hay-Pasture Committee two Hay-Pasture Displays were prepared for seed fairs, etc., and 8,000 Hay-Pasture posters were printed and distributed.

In co-operation with the Botany Department, Ontario Agricultural College, 2,000 Smut posters were printed and distributed.

In co-operation with our Publicity Representative timely news articles were prepared during the year and given wide distribution throughout the Province.

Demonstrations on re-conditioning fanning mills were conducted at several seed fairs and crop meetings. One week of meetings which featured re-conditioning the fanning mill was held on Manitoulin Island.

Crop meetings in fields, halls, seed cleaning plants and barns were attended by representatives from our Branch.

Pamphlets on "Poison Ivy", "Ragweed", "Smut Control", "Weed Control on Lawns", "Poisonous Plants", "Seed Fairs and Seed Displays", "Seed Cleaning", "Re-conditioning the Fanning Mill" were prepared and distributed.

PROVINCIAL ENTOMOLOGIST

RESEARCH AND EXPERIMENTAL WORK

By reason of a very heavy extension and administration programme, research and experimental work is carried on largely by the staff of the Entomological Department of the Ontario Agricultural College, and is dealt with in the report of that department. In addition, considerable time is spent by various members of the staff of this department in assisting with the regulatory duties of the Provincial Entomologist.

EXTENSION

Spray Service Supervision

As in previous years, this work was carried on in co-operation with the Department of Botany. Spray service circulars with directions for each application were prepared and sent at the proper times to all commercial orcharding areas of Ontario outside the Niagara Peninsula.

Japanese Beetle

This insect was discovered in Niagara Falls in 1940 and in the City of Windsor on July 28th, 1941. The Provincial Entomologist is taking an active part in the control and survey programme for this insect being carried on by the Dominion Department of Agriculture in co-operation with the Fruit Branch and the Department of Entomology, Ontario Agricultural College.

Personal Visits

The necessity for economy in travelling brought about a reduction in the number of personal visits. The fruit districts and others were visited as time permitted to have personal knowledge of insect conditions throughout the province.

Miscellaneous

Fruit and vegetable growers' and gardeners' meetings were addressed on timely topics in many parts of the province throughout the year.

Bulletins on insects of especial importance were sent the press and agricultural representatives.

Spray calendars were revised co-operatively by the Departments of Entomology and Botany and the Dominion Department of Agriculture, on the basis of experimental results and orchard observations obtained during the year.

ADMINISTRATIVE DUTIES

These involve the supervision and enforcement of the regulations under the Plant Diseases Act. They chiefly pertain to corn borer, nurseries, peach yellows and little peach, "X" disease of peach, Oriental fruit moth, apple maggot, sugar beet nematode and black knot.

European Corn Borer

Following the big increase in stalk infestation during 1940 there was more rigorous enforcement of the corn borer regulations and a greater co-operation on the part of corn growers in the 1941 clean-up campaign. Weather conditions also were less favourable for the insect in 1941 in that moisture during the critical months of the insect's life cycle was

decidedly less. As a result the percentage of stalk infestation, in the territory where clean-up regulations are in force, was reduced by 50 to 75 per cent. and damage to the corn crop was relatively light in comparison with 1940.

Studies made co-operatively by the Department of Entomology and the Dominion Division of Entomology during the spring of 1941 showed that the corn borer population in cobs in corn cribs was not of sufficient importance to require the removal of such corn to dry storage as demanded by regulation. This regulation, therefore, was deleted from the Plant Diseases Act.

Nurseries

The list of nurseries registered in 1941 was somewhat smaller than in the preceding year but all the larger nurseries were operating as in 1940. One inspector only was available for inspection work and it was not possible to completely cover all nurseries during the year. A total of 77,774 ornamentals and 942,343 fruit nursery stock was examined. Seven hundred and seventeen trees and shrubs of all kinds were destroyed to control San Jose scale infestations, a reduction from 1940. Fifty per cent of the nurseries inspected showed San Jose scale present but in many cases only a single tree was infested.

Peach Yellows and Little Peach

A reduction in the number of trees which had to be destroyed because of peach yellows infection occurred again this year. Little peach infection was approximately the same as in 1940.

"X" Disease or Red Virosis of Peach

As a result of a study of this comparatively new disease of peaches in New York State it was found to occur in Ontario. The first case of "X" Disease on peaches in the Niagara Peninsula was diagnosed on July 25th, 1941. There appears to be evidence that this disease has been present in some peach orchards in Ontario for four years. Because of this disease on choke cherries and the apparent spread from these to peaches, it became necessary to include a regulation in the Plant Diseases Act requiring the destruction of choke cherries within 500 feet of peach orchards and nurseries containing peach nursery stock. This regulation was enforced by the same inspection staff appointed for peach yellows and little peach regulation enforcement. The greatest number of peach trees infected by this disease occurred in Saltfleet Township and town of Stoney Creek. Choke cherries were reported present within 500 feet of peach orchards in the case of 224 properties in the Niagara Peninsula. Diseased choke cherries have been observed in nearly every county in Ontario.

Oriental Fruit Moth

This insect was greatly reduced in numbers during 1941 but in order to prevent establishment of local infestation centres the regulation in connection with the sterilization of peach containers and the treatment of peach refuse to destroy any larvae or pupae present should be enforced. This was done as in previous years at canning factories in the Niagara Peninsula.

Apple Maggot

A big reduction in the percentage of Ontario commercial orchards infested by this insect occurred in 1941. In a number of counties the percentage was lower than at any time since inspection of the orchards has been carried on. Apple maggot inspection was continued in the registered orchards throughout the province by the Fruit Branch and the Dominion Department of Agriculture co-operatively. The weather conditions of 1941 were much less favourable to the late development of the adults of this insect and thus aided in more efficient control by the standard apple maggot sprays. It is probable, however, that until all neglected orchards and hawthorns within a mile of commercial orchards are completely destroyed it will be impossible to prevent at least light infestations in some of the commercial orchards.

Sugar Beet Nematode

Regulations for the prevention of the spread of this pest were incorporated in the Plant Diseases Act in 1941. The area in which all but one infested field had been found in previous years was designated a "precautionary area." All beets grown in that area were required to be shipped by railroad car to either Chatham or Wallaceburg sugar factories. Thus it was possible to avoid to a great extent the possibility of soil infection along the roads used by trucks in previous years. Special treatment of all railroad cars from the precautionary area was required and all such cars were washed out at the sugar factories.

Five new infested fields in the precautionary area were discovered in the 1941 inspection carried on by the Dominion Department of Agriculture staff.

A regulation preventing the scattering of earth from fields in the precautionary area in locations other than the field of origin of the beets was also enforced.

The growing of beets on infested fields was prohibited by a further regulation.

Black Knot

Inspection for this disease was limited largely to localities where its presence had been discovered the previous season by inspectors in the performance of other duties. Commercial plum and cherry orchards are largely free from this disease.

DEMONSTRATION FARM, NEW LISKEARD

The season of 1941 was disappointing to Northern Ontario farmers owing to wet harvesting conditions. The yield of grain on the Demonstration Farm was reduced to about half.

Weather During Growing Season of 1941

Month	Rainfall		Sunshine Hours	Temperature	
	No. of Days	Inches		Maximum	Minimum
<i>May</i>	7	1.78	187.2	92°	24°
<i>June</i>	8	4.59	193.	91°	35°
<i>July</i>	11	4.02	175.	90°	40°
<i>August</i>	15	3.55	158.9	83°	35°
<i>September</i>	14	3.05	123.	86°	26°
<i>October</i>	12	4.22	75.7	68°	13°

Seasonal Notes

1941			1940	
May	2	Commenced work on land	May	11
May	3	First grain sown	May	14
May	13	Turned cattle into pasture	May	29
June	26	Commenced cutting hay	July	2
May	17	Finished seeding	July	13
July	26	Finished haying	August	2
August	27	Commenced filling silo	August	11
August	7	Started to cut grain	August	24
August	20	Started cutting second crop of hay	August	26
September	20	First snow	September	25
September	8	Finished cutting grain	October	8
September	20	Harvested small vegetables	October	18
October	10	Cattle brought in for winter	October	21
October	20	Stopped ploughing due to excessive wet weather		
November	5	Finished ploughing		

FIELD HUSBANDRY

Grain

All seed grain sown was treated with Ceresan by means of a Kemp Treater with excellent results. There was some loose smut on barley which Ceresan does not control. All clover and alfalfa seed sown alone or in mixtures was treated with Nitro-Nox Legume.

No Fall Wheat was grown owing to wet weather the previous Fall.

Hay

The yield and quality of hay was good. The addition of alfalfa has increased the value of our mixtures and has given satisfactory results sown alone.

Ensilage

Alfalfa was the only crop used and gave satisfactory results, both from palatability and production of meat and milk.

Pasture

Sweet clover used to supplement blue grass pasture was ploughed under the first week in August for Fall Wheat.

Peas

Canning factory peas have been grown for the past three years and show indications of being a satisfactory cash crop when sown on well-drained soil with at least fair fertility. Nine acres yielded slightly over \$40 per acre for shelled peas.

Crops Under Test

<i>Grain</i>	<i>Acreage</i>	<i>Yield</i>	<i>Days of Maturity</i>
<i>Mixed Grain</i>	27	944 bushels	78 days
<i>Feed Oats</i>	10	270 "	
<i>Reward Wheat</i>	5	98 "	92 "
<i>"44.7" Wheat</i>	3	58 "	96 "
<i>Olli Barley</i>	1/3	17 "	75 "
<i>No Barb Barley</i>	8	200 "	82 "
<i>O.A.C. 21 Barley</i>	10	248 "	83 "
<i>Cartier Oats</i>	10	298 "	80 "
<i>Erbas Oats</i>	18	410 "	87 "
<i>Vanguard Oats</i>	12	416 "	83 "
<i>Regent Wheat</i>	2	40 "	94 "
<i>Hay</i>	65	106 tons	
<i>Potatoes (Chippewas)</i>	2	156 bags	113 "
<i>Turnips</i>	1/4	8 tons	

GENERAL LIVE STOCK

The work of the live stock and poultry divisions consisted chiefly of supplying foundation stock, assisting in arranging purchase of breeding live stock from other districts and demonstrating proper care and management of flocks and herds.

The Annual Auction Sale of surplus live stock was held on August 6th. The demand for bulls and swine was very keen.

Horses

We have continued the practice of raising a pure-bred Percheron colt each year. The brood mare is fed Potassium Iodide twice a month during winter and inoculated for the prevention of Joint Ill. These precautions have proved beneficial as we have never lost a foal.

Cattle

The Shorthorn herd made some satisfactory milk records this year. One heifer sired by our present herd sire qualified during the year. We never had a more promising line-up of heifers. Eight bulls were sold and all our heifers were kept.

Swine

Seven bred sows were kept this year. Five raised two litters and were all fed Potassium Iodide during winter months.

The suckling pigs were fed Ferris Sulphate until weaning. No hogs were lost by disease. All immature hogs were treated regularly for internal parasites.

The breeding stock were again wintered in an old poultry house. They were fed grain in a self-feeder hopper and clover hay on snow in the yard. This method of wintering breeding stock has proven satisfactory.

Thirteen boars and 38 sows were sold for breeding purposes, the balance being disposed of through the usual market channels. One young boar was purchased.

Sheep

Twenty pure-bred Oxford ewes and nine grade ewes were kept. The grade flock is maintained for purely demonstrational purposes. This past year three ewes were bred to an Oxford, three to a Hampshire and three to a Suffolk ram. Practically all sheep in the district are Oxford grades. The lambs will be exhibited at the Lamb Fair this Fall.

Poultry

There was an increased demand for hatching eggs, fall pullets and male breeders during the winter. We had fewer pullets for sale in the Fall as we increased our flock to five hundred. Plymouth Barred Rocks, New Hampshire Reds and a cross of the two made up the flock. The egg production was quite satisfactory, the Plymouth Rocks leading in production, the cross-breds and Hampshires being approximately equal. The Rocks, however, were slowest to get their full egg size. No custom hatching is done. Poultry has again proven to be the most lucrative division.

HORTICULTURE

Farmers have been encouraged to plant trees and make some effort to beautify their homes. The use of native hardy trees and shrubs has been emphasized. Our tree planting programme was continued on the Farm. White birch, spruce and cedar were chief varieties planted. Assistance has been given a number of farmers in laying out grounds and choosing varieties of trees and shrubs.

GENERAL EXTENSION

Twenty-nine meetings were attended. The Superintendent judged at six fairs, four field crop competitions and assisted at one plowing match during the year. Twelve organizations or groups visited the Farm.

Soil

Assistance has been given to many farmers in taking soil samples. Most of these are definitely acid, the majority of them are low in phosphorous and organic matter. Farmers are becoming more soil conscious.

DEMONSTRATIONS

Rotations

A five-year rotation has been established on the Farm—two years hay, one year pasture and two years spring crop. Artificial fertilizer is applied where grass seed is sown and the second year hay is manured. Hoe crops are grown on a suitable field where a separate three-year rotation is established—hoe crop, spring grain, hay. This works out satisfactorily as there is usually a small acreage of hoe crop on most Northern Ontario farms.

Variety Tests of Grain

The table under Field Husbandry Division indicates varieties under test.

Curing of Hay

The tripod method of curing hay was continued on a larger scale (twenty acres of alfalfa harvested). The weather is usually catchy for early haying, consequently more farmers are adopting the tripod system, thus enabling them to get an extra cutting of better quality hay by starting earlier.

Pasture

Sweet Clover and aftermath of early and late cut Hay has proven satisfactory in supplementing permanent pastures in July and August.

Value of Milk and Clover in Hog and Poultry Feeding

The pasturing of hogs on clover, supplemented by home-grown grain in self-feeders, plus buttermilk, has again been quite satisfactory. The poultry when eight to ten weeks old were again ranged on clover and fed rolled wheat, oats and barley in hoppers plus buttermilk and bone meal.

This method of raising hogs and poultry has proven satisfactory. The cost of feed purchased is materially reduced and home-grown feeds are utilized more efficiently.

Reinforcing Manure

Stable Phos was, as usual, used behind cattle. The reinforced manure is of better texture in the piles and has a higher moisture content, less burning, and added phosphorous.

Ploughing

The system of permanent dead furrows has been established on the Farm. This makes possible the rounding of the lands and provides a more efficient system of surface drainage.

Potatoes

Demonstration potato and rotation plots were started this year at Kennebeck.

Straw Sheep Shed

The straw sheep shed described in last year's report was used again this year. The sheep have been healthier than in any other quarters we have used. The shed is cheap and easy for any farmer to construct.

Additions and Improvements

The Getty property adjoining the farm was purchased. Dwelling and poultry house on Getty property were moved to a more suitable location near present farm buildings.

The Kennebeck demonstration plots were fenced. One mile of lane fence with eight gateways was built on east farm.

SUMMARY

More farmers are availing themselves of the services offered by the Demonstration Farm. There is a keen interest in new varieties of grain, farm management and better live stock. There was an increase in number of visitors seeking information and considerably more mail inquiries during the year.

HEARST DEMONSTRATION FARM

There was little snow during the Winter and the land was ready to seed earlier than usual. The weather was dry during seeding. All the hay was saved in excellent condition but the crop was somewhat lighter than former years. During August, September and October we had 58 days of rain. The grain was harvested with great difficulty and the quality was affected. It was impossible to finish threshing before October 18th.

Field Husbandry

The following table gives the varieties and yields obtained from crops grown:

	Acres	Total Yield	Average Yield
<i>Barley O.A.C. No. 21</i>	16	564 bushels	35.2
<i>Barley Olli</i>	3	Could not thresh	
<i>Oats Erban</i>	12	451 bushels	37.6
<i>Oats Cartier</i>	8	278 bushels	34.8
<i>Wheat Coronation</i>	$\frac{3}{4}$	1815 lbs.	40 bushels
<i>Wheat Regent</i>	$\frac{3}{4}$	1565 lbs.	34.7
<i>Turnips Halls Westbury</i>	$\frac{1}{2}$	7½ tons	15 tons

Hay

Approximately 85 tons of hay were saved in excellent condition. There was a remarkable difference in the yields where Alfalfa was present. The drought did not affect the Alfalfa but Timothy yielded only about half of normal years.

ANIMAL HUSBANDRY

Average Production

Nine cows were put on R.O.P. for the first year and seven qualified. The average production for the nine cows of which seven were in the honour roll division was 9,479 lbs. milk with 359 lbs. butter fat. This herd had an average production of 5,500 two years ago. This clearly demonstrates the importance of keeping milk records, proper feeding, and using advanced registered bulls. Three bulls from qualified dams were sold and the heifers are being retained to replace the cows sold.

Swine

Forty-three hogs were raised from four Spring litters and 25 from three Fall litters, which gives an average litter of 9.7 per litter. Boars sold for breeding, 5; Sows sold for breeding, 6; Pigs sold at 6 weeks, 21; Pigs sold for meat, 36.

Poultry

Three hundred mixed day-old chickens and one hundred sexed pullets were bought and reached Hearst March 15th. The cockerels were caponized and sold in September. One hundred and seventy hens were put in Winter houses and later culled to 150. The hens were fed mash without grain and we obtained excellent results. The cost of labour was reduced by not feeding grain and it was much more convenient for the men.

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Ontario Department of Agriculture

ANNUAL REPORT

OF THE

STATISTICS BRANCH
1942

PART I.—AGRICULTURAL STATISTICS

PART II.—CHATTEL MORTGAGES

PART III.—SUMMARY STATISTICS, 1882-1942

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Ontario Department of Agriculture

Statistics Branch

PART I — AGRICULTURAL STATISTICS

The gross value of agricultural production in Ontario during the year 1942 is estimated at \$555,889,000. This is an increase of practically \$95,000,000 over the preceding year, and \$308,205,000 greater than in 1932, the low point of the depression. Practically all items were higher in 1942 than in 1941. The largest gains were shown by field crops, which rose from \$181,479,000 to \$209,014,000, and farm animals which rose from \$125,369,000 to \$139,208,000. Dairy products increased from \$77,109,000 to \$102,716,000; fruit and vegetables from \$30,140,000 to \$31,611,000; and tobacco from \$17,319,000 to \$18,625,000.

For the whole of Canada the gross value of agricultural production in 1942 is estimated at \$2,079,954,000 as against \$1,430,123,000 in the preceding year, and \$766,794,000 in 1932.

GROSS VALUE OF AGRICULTURAL PRODUCTION IN ONTARIO, BY ITEMS, 1934 TO 1942

("000" omitted)

	1934 \$	1935 \$	1936 \$	1937 \$	1938 \$	1939 \$	1940 \$	1941 \$	1942 \$
Field Crops.....	143,734	132,086	166,284	149,100	131,569	156,115	149,479	181,479	209,014
Farm Animals....	56,413	61,351	74,890	87,792	85,355	90,402	104,529	125,369	139,208
Wool.....	342	417	533	593	376	517	753	657	797
Dairy Products....	47,452	50,168	54,122	55,491	58,288	57,094	64,602	77,109	102,716
Fruits, Vegetables..	15,832	17,292	18,053	18,507	20,926	21,365	21,888	30,140	31,611
Poultry and Eggs..	20,667	22,345	24,385	23,199	23,835	24,391	25,991	34,346	47,704
Fur Farming.....	704	966	1,131	1,351	1,136	1,173	1,248	1,217	1,460
Maple Products....	1,040	1,161	1,161	879	853	751	837	693	1,510
Tobacco.....	6,337	10,226	8,505	15,965	19,058	17,742	8,691	17,319	18,625
Flax Fibre.....	150	161	155	133	120	358	743	1,125	808
Flax Fibre.....	857	1,006	1,417	1,168	1,689	1,381	638	2,592	1,406
Clover, Grass Seed..	1,309	1,115	1,062	753	1,190	960	943	1,332	1,030
Honey and Wax....									
TOTALS.....	294,837	298,294	351,698	354,931	344,395	372,249	380,342	473,378	555,889

GROSS VALUE OF AGRICULTURAL PRODUCTION IN CANADA, BY ITEMS, 1934 TO 1942

("000" omitted)

	1934 \$	1935 \$	1936 \$	1937 \$	1938 \$	1939 \$	1940 \$	1941 \$	1942 \$
Field Crops.....	549,080	511,873	612,300	556,222	550,069	685,839	676,682	683,889	1,145,778
Farm Animals.....	136,322	158,436	184,121	227,091	197,600	218,385	268,679	339,305	409,192
Wool.....	1,255	1,493	1,861	2,049	1,565	1,827	2,703	2,571	3,283
Dairy Products....	122,898	126,990	137,769	144,860	154,550	145,883	164,132	206,543	272,421
Fruits, Vegetables..	45,993	50,604	48,678	54,354	57,095	56,804	58,463	69,494	74,340
Poultry and Eggs..	49,709	55,394	57,931	56,980	58,933	60,829	67,135	89,009	131,273
Fur Farming.....	4,534	5,516	6,532	6,802	6,476	5,793	6,143	5,539	6,697
Maple Products....	3,041	3,522	3,714	2,245	3,850	3,444	4,210	3,561	6,716
Tobacco.....	7,218	10,870	9,374	17,140	20,270	19,444	10,470	18,614	19,873
Flax Fibre.....	250	321	298	332	519	1,249	1,727	3,118	2,155
Flax Fibre.....	2,010	1,818	2,154	2,344	2,996	2,827	2,184	5,165	3,721
Clover, Grass Seed..	2,575	2,338	2,823	2,164	3,057	2,616	2,584	3,315	3,505
Honey.....									
TOTALS.....	924,885	929,175	1,067,555	1,072,583	1,056,980	1,204,940	1,265,112	1,430,123	2,078,954

PRODUCTION AND SHIPPING POINT VALUE OF FRUIT IN ONTARIO,
AS COMPARED WITH 1941

	Year	Total Quantity	Average Value per Unit	Total Value
Apples.....	1941	Barrels 614,900	\$ c. 1.94	\$ 1,195,300
	1942	616,950	2.85	1,756,900
Pears.....	1941	Bushels 290,600	1.44	411,800
	1942	412,100	1.45	596,000
Plums and Prunes.....	1941	228,000	1.45	330,400
	1942	190,500	1.65	314,400
Peaches.....	1941	1,300,000	1.72	2,236,000
	1942	1,620,000	1.65	2,673,000
Cherries.....	1941	250,300	3.95	989,000
	1942	272,200	3.90	1,061,000
Strawberries.....	1941	Quarts 6,118,000	.090	550,900
	1942	5,447,300	.120	671,200
Raspberries.....	1941	4,057,700	.165	668,600
	1942	4,375,000	.210	901,400
Grapes.....	1941	Tons 22,500	53.00	1,189,300
	1942	36,000	47.27	1,701,700
Total Value.....	1941	.....	....	7,571,300
	1942	.....	....	9,675,600

PRODUCTION AND VALUE OF PRINCIPAL FARM CROPS, 1942

Field Crops	Acres	Bushels per acre	Production	Market Value	
				Total	Per acre
		bush.	bush.	\$	\$ c.
Fall wheat.....	757,000	30.9	23,391,000	20,584,000	27.19
Spring wheat.....	42,000	20.5	861,000	758,000	18.05
Oats.....	1,966,000	43.0	84,538,000	37,197,000	18.92
Barley.....	353,000	34.5	12,179,000	6,942,000	19.67
Peas.....	34,000	16.9	575,000	1,144,000	33.65
Beans.....	62,000	20.2	1,252,000	1,878,000	30.29
Rye.....	78,600	19.1	1,501,000	976,000	12.42
Buckwheat.....	126,000	21.0	2,646,000	1,614,000	12.81
Flax.....	24,000	10.9	262,000	474,000	19.75
Corn (shelled).....	258,000	52.8	13,622,000	10,898,000	42.24
Potatoes.....	122,000	cwt.	cwt.	12,174,000	99.79
		58.7	7,161,000		
Mangels.....	18,700	bush.	bush.	1,362,000	72.83
		455	8,510,000		
Turnips.....	39,000	433	16,878,000	3,207,000	82.23
Mixed grains.....	1,151,000	44.1	50,759,000	25,887,000	22.49
Corn (for silo), green.....	300,000	tons	tons	10,847,000	36.16
		10.45	3,135,000		
Hay and clover.....	2,489,000	1.92	4,779,000	42,485,000	17.07
Alfalfa.....	763,000	2.74	2,091,000	20,220,000	26.50
Alsike.....	36,500	1.43	52,000	509,000	13.95
Sweet clover.....	182,000	2.15	391,000	2,389,000	13.13
Sugar beets.....	20,700	11.80	245,000	1,347,000	65.07
Totals 1942.....	8,822,500	....	.....	202,892,000	23.00

RAPE.—The estimate for 1942 was 19,000 acres of which 6,620 are in Wellington, 3,024 in Grey and 3,356 in Dufferin.

THE WEATHER

TEMPERATURE.—The following table gives the temperature of the Province for each month during the last five years, together with the mean annual temperature for the six months, April–September, practically the growing season, together with the average for the five years, 1938–1942, and the sixty-one years, 1882–1942.

Months	1942	1941	1940	1939	1938	1938-1942	1882-1942
	°	°	°	°	°	°	°
January.....	18.7	17.2	13.5	18.7	16.2	16.9	17.7
February.....	16.8	18.7	19.0	19.0	22.2	19.1	17.8
March.....	32.6	23.2	22.3	24.7	32.1	27.0	27.5
April.....	47.2	47.2	38.5	37.9	43.6	42.9	41.6
May.....	55.4	56.1	52.9	55.4	53.3	54.6	53.6
June.....	64.0	66.2	61.8	63.9	63.5	63.9	63.5
July.....	67.2	70.5	67.9	67.8	69.5	68.6	68.4
August.....	66.4	64.0	66.2	68.9	70.3	67.2	65.5
September.....	57.8	61.1	57.7	59.2	56.1	58.4	59.3
October.....	48.5	48.8	45.4	47.7	49.5	48.0	47.5
November.....	35.8	38.3	34.0	33.2	37.4	35.7	35.3
December.....	19.3	27.2	25.1	27.1	25.0	24.7	23.5
Annual Mean.....	44.1	44.9	42.0	43.6	44.9	43.9	43.4
Mean for six months April–September.....	59.7	60.8	57.5	58.9	59.4	59.2	58.7

The mean temperature for 1942 was 44.1 or 0.8 below the preceding year and 0.7 degree above the normal of the sixty-one years, 1882–1942.

The mean of the six months, April–September, was 59.7 or 1.1 degree below the preceding year, and 1.0 above the normal.

Eight months were above normal and four below. April had the greatest departure above with 5.6 degrees, and December the greatest below with 4.2 degrees.

SUNSHINE.—In the following the averages of sunshine are derived from the records of the weather stations at Woodstock, Toronto, Lindsay and Ottawa.

Months	Sun. above horizon	1942	1941	1940	1939	1938	1938- 1942	1882- 1942
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January.....	285.7	87.5	86.5	95.3	62.5	76.8	81.7	76.6
February.....	291.4	108.5	116.5	114.0	84.7	93.9	103.5	102.8
March.....	369.9	103.7	179.0	126.8	137.2	129.8	135.3	139.9
April.....	406.4	213.0	229.0	167.8	137.7	171.2	183.7	178.2
May.....	461.1	155.0	240.0	167.0	237.9	224.6	204.9	216.5
June.....	465.7	234.0	262.5	217.0	243.6	240.7	239.6	248.9
July.....	470.9	270.2	269.5	292.5	308.0	247.4	277.5	270.7
August.....	434.5	225.0	247.8	233.5	287.5	271.7	253.1	241.1
September.....	376.3	168.8	199.7	172.5	173.1	172.1	177.2	182.4
October.....	340.2	146.0	110.3	148.7	135.7	183.1	144.8	139.7
November.....	286.9	102.3	82.0	62.2	118.1	110.4	95.0	78.5
December.....	274.3	66.2	65.0	62.5	65.9	60.7	64.1	61.8
The year.....	4463.3	1880.2	2087.8	1859.8	1991.9	1982.4	1960.4	1937.1
For six months April-Sep- tember.....	2614.9	1266.0	1448.5	1250.3	1387.8	1327.7	1336.0	1337.8

The year 1942 had 1,880.2 hours of sunshine or 56.9 hours lower than the average for the sixty-one years. The six growing months, April–September, had 1,266.0 hours or 71.8 hours below normal. Six months were above normal and six below. April had the greatest departure above with 34.8 hours and May the greatest below with 61.0 hours.

The rainfall for the six months, April–September, comprising what is the growing season for most crops, is given in the following table covering the last five years, 1938–1942, and the normal for the sixty-one years, 1882–1942.

Months	1942	1941	1940	1939	1938	1938- 1942	1882- 1942
	in.	in.	in.	in.	in.	in.	in.
April.....	1.26	1.57	1.87	1.89	1.99	1.71	1.89
May.....	4.62	2.04	4.09	1.89	2.53	3.03	2.70
June.....	1.94	2.24	3.46	2.76	2.60	2.60	2.80
July.....	2.93	3.57	2.54	3.04	3.56	3.13	2.88
August.....	2.31	3.48	3.27	3.16	3.40	3.14	2.58
September.....	4.69	3.00	2.72	2.77	3.55	3.34	2.85
Total for six months...	17.75	15.90	17.95	15.51	17.63	16.95	15.70

The rainfall for the six months, April–September, was 17.75 or 18.5 inches more than preceding year, and in comparison with the sixty-one years 2.05 inches above. Three months were above normal and three below. May with 1.92 above and June with 1.06 below had the greatest departures during the growing season.

PRECIPITATION.—The fall of both rain and snow for the five winter months including November, 1942, and March, 1943, is given in the following table for five years, together with the average for the sixty-two years, 1882-1943. Ten inches of snow is equal to one inch of rain.

Months	1943	1942	1941	1940	1939	1939-1943	1882-1943
	in.	in.	in.	in.	in.	in.	in.
November, 1942:							
Rain.....	1.88	2.30	2.11	0.66	1.31	1.65	1.98
Snow.....	9.3	4.7	17.6	1.6	8.8	8.5	7.6
December, 1942;							
Rain.....	1.22	1.23	1.76	0.94	0.68	1.17	1.18
Snow.....	24.1	11.3	13.4	7.4	20.1	15.2	15.4
January, 1943:							
Rain.....	0.10	0.79	0.38	0.39	0.42	0.42	0.90
Snow.....	25.7	16.8	19.9	19.7	21.3	20.7	18.7
February, 1943:							
Rain.....	0.59	0.49	0.23	0.13	1.01	0.49	0.70
Snow.....	13.8	15.8	15.7	14.8	25.0	17.0	15.4
March, 1943:							
Rain.....	1.45	1.96	0.23	0.58	0.69	0.98	1.08
Snow.....	14.1	12.0	12.0	18.4	15.5	14.4	11.3
Five Months:							
Rain.....	5.24	6.77	4.71	2.70	4.11	4.71	5.84
Snow.....	87.0	60.6	78.6	61.9	90.7	75.8	68.4

The total amount of rainfall for the five months was 5.24 inches or 1.60 below the average for the sixty-two years, 1882-1943. The total amount of snowfall was 87.0 or 18.6 above the normal.

TEMPERATURES, 1942

TABLE I.—Showing for each month the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario for 1942; also the annual mean for each station.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
January:										
Highest.....	40.5	48.0	44.9	43.6	46.2	46.0	40.0	38.0	40.0	44.0
Lowest.....	-7.0	-6.0	-9.5	-10.0	-5.0	-8.0	-22.0	-33.0	-21.0	-42.0
Daily range.....	12.1	13.9	13.1	13.0	11.4	12.9	15.6	19.1	18.2	31.0
Monthly mean.....	21.2	25.4	21.8	22.6	25.6	24.6	15.9	14.4	12.8	4.1
February:										
Highest.....	37.0	39.0	36.0	38.0	41.8	39.0	40.0	36.0	40.0	33.0
Lowest.....	-5.5	-2.0	-3.0	-1.0	3.0	-4.0	-23.0	-38.0	-16.0	-35.0
Daily range.....	11.4	9.9	11.7	11.8	10.2	11.8	15.5	18.4	13.7	24.1
Monthly mean.....	18.2	21.8	18.2	18.9	22.0	20.7	13.8	13.4	13.8	7.6
March:										
Highest.....	59.0	57.0	58.2	51.0	56.2	55.0	54.0	49.0	50.0	54.0
Lowest.....	17.5	23.0	20.9	22.0	24.1	24.0	12.0	2.0	11.0	-10.0
Daily range.....	12.1	12.3	15.6	12.2	10.0	9.6	12.8	15.6	12.4	24.0
Monthly mean.....	31.6	37.2	32.3	34.8	36.0	36.2	31.5	29.4	31.7	25.2
April:										
Highest.....	80.0	85.0	83.0	86.2	82.8	85.0	83.5	85.0	85.0	84.0
Lowest.....	24.5	27.0	25.9	23.3	29.9	28.0	21.3	20.0	28.0	11.0
Daily range.....	17.6	22.7	21.4	24.7	17.7	17.8	23.3	23.3	20.7	29.3
Monthly mean.....	44.4	50.2	49.0	50.9	49.0	49.8	46.5	44.7	45.9	41.5
May:										
Highest.....	82.2	90.0	85.5	84.0	86.0	82.0	80.5	83.0	84.0	86.0
Lowest.....	27.8	34.0	32.6	30.1	35.0	34.0	27.5	22.0	31.0	20.0
Daily range.....	17.8	19.0	18.0	18.9	18.1	16.0	19.4	22.9	19.4	27.7
Monthly range.....	51.9	58.6	56.8	56.1	57.8	56.2	54.2	53.2	57.1	51.3
June:										
Highest.....	85.8	88.0	87.3	85.6	89.5	89.0	86.1	85.0	90.0	86.0
Lowest.....	38.5	41.0	43.0	42.6	47.1	46.0	41.5	34.0	40.0	31.0
Daily range.....	17.8	18.7	19.0	19.2	16.1	17.6	21.9	24.9	22.4	29.5
Monthly mean.....	61.4	67.1	65.9	64.7	64.4	65.8	63.3	62.5	64.8	60.3
July:										
Highest.....	86.8	95.0	93.6	90.5	93.2	90.0	92.9	88.0	92.0	95.0
Lowest.....	48.0	50.0	45.2	44.5	49.2	50.0	41.5	39.0	38.0	35.0
Daily range.....	16.7	19.8	20.1	19.1	19.6	19.3	23.0	24.8	21.6	30.4
Monthly mean.....	64.4	71.9	68.4	67.1	70.2	69.9	66.2	64.2	67.6	61.9
August:										
Highest.....	89.8	87.0	88.0	84.7	90.0	88.0	86.9	87.0	85.0	89.0
Lowest.....	40.2	42.0	39.5	36.4	44.6	45.0	39.7	35.0	35.0	32.0
Daily range.....	19.0	18.2	19.6	17.9	16.2	17.6	21.7	23.2	22.1	29.0
Monthly mean.....	66.7	69.1	67.4	66.9	69.8	69.0	65.4	63.9	65.5	60.8
September:										
Highest.....	86.5	87.0	85.2	84.6	89.0	86.0	83.0	82.0	86.0	86.0
Lowest.....	32.0	30.0	27.5	28.5	28.8	35.0	29.0	28.0	28.0	25.0
Daily range.....	17.5	19.6	19.6	21.9	20.8	18.3	20.0	22.3	21.2	25.4
Monthly mean.....	53.3	61.7	59.0	57.5	63.7	61.0	56.6	55.0	57.6	52.9
October:										
Highest.....	74.7	78.0	72.9	72.4	75.1	72.2	68.0	73.0	70.0	72.0
Lowest.....	32.0	28.0	22.5	27.0	30.7	31.0	25.0	22.0	26.0	20.0
Daily range.....	18.3	16.4	17.3	17.7	15.9	15.0	20.1	21.9	21.0	25.8
Monthly mean.....	49.2	52.5	49.1	48.7	52.2	51.2	46.6	45.6	47.3	42.5
November:										
Highest.....	64.0	67.0	62.2	60.9	70.9	64.0	57.5	58.0	58.0	57.0
Lowest.....	18.5	19.0	1.6	13.2	20.5	15.0	7.5	0.0	10.0	-7.0
Daily range.....	13.7	12.1	14.9	15.5	15.4	12.8	15.5	17.3	14.6	22.5
Monthly mean.....	36.3	41.1	36.8	36.6	42.2	39.4	33.9	31.7	32.9	27.5
December:										
Highest.....	39.5	42.0	37.7	37.5	47.2	40.0	35.0	35.0	37.0	34.0
Lowest.....	-17.0	-4.0	-16.5	-17.0	-5.0	-16.0	-33.0	-41.0	-34.0	-41.0
Daily range.....	10.3	8.6	12.1	13.7	13.0	11.1	14.0	16.1	15.8	27.0
Monthly mean.....	22.6	25.3	22.4	20.5	27.3	24.6	17.0	16.0	12.6	4.9
The Year.....	43.4	48.5	45.6	45.4	48.3	46.7	42.6	41.2	42.5	36.7

AVERAGE TEMPERATURE FOR SIXTY-ONE YEARS

TABLE II.—Showing for each month the monthly average for the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario, derived from the sixty-one years, 1882-1942; also the annual mean at each station for the same period.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
January:										
Highest.....	44.1	46.8	45.7	45.4	49.4	45.5	41.5	40.6	40.8	38.2
Lowest.....	-6.9	-6.1	-8.6	-9.3	-3.6	-6.0	-19.2	-27.0	-20.9	-34.7
Daily range.....	14.2	12.5	14.7	14.9	13.9	14.1	17.9	20.1	17.7	25.4
Monthly mean.....	21.0	22.9	21.7	20.7	20.2	23.0	16.1	14.1	11.9	5.7
February:										
Highest.....	43.8	49.3	46.2	45.1	48.1	45.1	41.7	41.3	40.3	40.8
Lowest.....	10.9	-6.1	-9.0	-9.1	-3.9	-5.8	-17.0	-25.7	-19.2	-34.6
Daily range.....	16.0	14.0	16.1	16.0	14.6	14.7	19.3	21.7	18.9	26.0
Monthly mean.....	19.1	22.5	20.8	19.8	23.6	21.9	15.8	13.7	13.0	8.1
March:										
Highest.....	54.5	60.6	59.7	57.3	59.8	56.8	52.7	50.8	49.8	51.2
Lowest.....	-1.8	3.5	1.2	1.3	6.8	5.2	-6.0	-12.9	-7.6	-23.1
Daily range.....	16.1	15.3	17.2	15.9	14.4	14.2	18.4	20.4	17.4	26.0
Monthly mean.....	27.1	31.0	30.3	28.7	32.6	30.5	26.0	23.8	24.9	19.9
April:										
Highest.....	72.4	77.5	76.1	74.1	76.7	71.8	74.4	71.6	73.9	72.6
Lowest.....	16.4	20.1	19.0	18.3	21.6	21.7	14.6	10.4	15.8	4.0
Daily range.....	17.4	18.7	20.5	19.3	17.1	16.5	20.9	21.2	19.3	24.6
Monthly mean.....	40.1	44.5	43.2	42.3	44.0	43.0	41.3	39.1	41.3	37.2
May:										
Highest.....	79.8	84.5	83.6	81.2	84.6	81.3	83.3	81.1	83.6	84.6
Lowest.....	28.4	30.3	29.3	29.5	33.0	32.5	27.7	25.6	30.9	19.7
Daily range.....	19.2	21.5	22.9	21.6	20.3	19.3	24.1	23.8	21.8	27.5
Monthly mean.....	50.8	56.0	55.1	53.7	54.6	54.3	53.9	51.9	55.0	50.9
June:										
Highest.....	85.1	89.9	89.3	86.6	90.8	88.1	89.2	86.6	88.5	90.0
Lowest.....	37.4	39.6	38.2	38.9	41.6	42.6	38.2	35.2	41.1	32.5
Daily range.....	19.7	21.8	23.4	21.8	20.9	20.1	24.7	24.6	21.7	28.4
Monthly mean.....	60.3	65.8	64.8	63.5	65.1	64.4	63.6	61.7	64.6	60.8
July:										
Highest.....	87.9	94.0	93.0	90.1	93.2	92.0	92.1	89.5	91.3	92.2
Lowest.....	44.2	45.8	44.3	44.7	48.3	49.3	44.0	41.5	47.7	39.0
Daily range.....	19.8	22.4	23.4	22.2	21.0	20.2	24.6	23.9	20.9	28.8
Monthly mean.....	66.2	70.7	69.5	68.1	71.1	69.7	67.9	66.1	69.0	65.8
August:										
Highest.....	86.3	91.5	91.0	88.5	92.8	89.5	90.2	87.3	89.2	88.4
Lowest.....	42.2	44.3	41.2	42.0	46.3	47.2	40.7	37.4	43.7	35.7
Daily range.....	18.6	21.4	23.2	22.7	20.3	21.2	24.4	23.4	21.2	26.1
Monthly mean.....	64.8	68.5	67.1	60.6	69.0	66.9	65.7	63.8	66.4	61.9
September:										
Highest.....	84.5	87.0	87.3	85.0	89.2	85.8	85.4	82.9	85.1	83.5
Lowest.....	34.8	35.5	32.4	33.0	36.4	37.2	31.7	29.5	33.4	28.0
Daily range.....	18.1	20.1	22.3	21.0	19.7	18.5	22.5	21.8	20.6	24.2
Monthly mean.....	59.1	62.4	60.7	59.4	62.6	60.8	58.3	56.9	58.7	54.5
October:										
Highest.....	74.6	77.5	76.1	74.4	77.6	74.2	74.2	72.2	73.0	72.6
Lowest.....	26.0	27.0	24.2	24.3	26.9	27.6	21.6	20.0	23.8	17.1
Daily range.....	16.2	17.6	19.8	18.6	18.1	16.2	19.9	19.0	17.9	20.0
Monthly mean.....	48.2	50.6	48.6	47.5	50.7	49.1	46.2	45.3	46.1	42.6
November:										
Highest.....	61.8	64.1	62.4	61.8	65.8	61.2	59.7	58.7	59.3	55.8
Lowest.....	14.4	15.2	13.1	12.6	17.9	15.9	6.6	4.9	7.2	-2.4
Daily range.....	13.2	12.7	12.8	14.0	13.6	12.6	15.4	14.9	12.9	15.7
Monthly mean.....	36.9	38.3	36.1	35.9	39.6	38.0	33.9	32.7	32.9	28.6
December:										
Highest.....	48.6	50.2	51.4	48.5	52.8	48.8	45.5	44.3	43.2	42.7
Lowest.....	0.0	1.8	-1.8	-2.7	1.2	1.0	-12.8	-16.6	-15.1	-25.9
Daily range.....	12.2	10.8	13.0	12.9	12.4	12.3	15.8	16.9	14.8	20.0
Monthly mean.....	26.5	27.6	26.5	25.2	29.3	27.7	21.3	20.0	17.9	13.4
The year.....	43.3	46.7	43.7	43.8	46.9	45.8	42.5	40.8	41.8	41.6

RAIN AND SNOW

TABLE III.—Summary of the total fall of rain and snow and the number of days on which rain and snow fell in Ontario during 1942, at stations reporting the whole year, and the average of the Province.

Stations	Rain		Snow		Stations	Rain		Snow	
	Inches	Days	Inches	Days		Inches	Days	Inches	Days
ALGOMA:					NORFOLK:				
Biscotasing.....	17.72	60	11.31	51	Simcoe.....	In	complete		
Franz.....	22.17	94	169.2	78	NORTHUMBERLAND:				
Kapusking.....	19.36	92	94.5	55	Healey Falls.....	In	complete		
Steep Hill Falls....	In	complete			OXFORD:				
BRANT:					Woodstock.....	31.95	101	87.9	42
Brantford.....	26.38	94	21.0	7	PARRY SOUND:				
Paris.....	35.58	101	77.3	34	Magnetawan.....	23.85	86	110.0	67
BRUCE:					Parry Sound.....	24.75	108	151.6	74
Southampton.....	29.72	114	143.2	76	PEEL:				
Tobermory.....	26.43	58	93.0	30	Alton.....	In	complete		
Walkerton.....	31.43	60	89.0	29	PERTH:				
CARLETON:					Stratford.....	34.64	92	93.5	56
Ottawa.....	25.96	98	94.1	49	PETERBOROUGH:				
DUNDAS:					Apsley.....	30.86	101	115.7	67
Morrisburg.....	29.29	92	116.0	71	Lakefield.....	In	complete		
DURHAM					Peterborough.....	In	complete		
Orono.....	31.72	101	95.0	42	PRINCE EDWARD:				
ELGIN:					Bloomfield.....	In	complete		
St. Thomas.....	35.37	111	60.4	37	RAINY RIVER:				
ESSEX:					Atikokan.....	16.43	41	56.6	31
Harrow.....	28.11	101	38.3	32	Emo.....	25.78	82	58.6	59
Leamington.....	26.49	88	33.9	24	Fort Frances.....	28.43	64	50.6	36
FRONTENAC:					Kenora.....	15.71	79	64.6	82
Kingston.....	30.72	118	80.8	59	Mine Centre.....	16.13	66	59.6	51
GREY:					Sioux Lookout....	17.38	85	64.0	75
Eugenia.....	In	complete			RENFREW:				
HALTON:					Clontarf.....	21.02	68	98.9	40
Georgetown.....	In	complete			Pembroke.....	189.3	86	89.7	39
HASTINGS:					SIMCOE:				
Belleville.....	26.94	106	95.9	62	Beeton.....	30.03	89	50.2	42
Trenton.....	29.89	96	77.4	41	Orillia.....	30.51	96	77.2	46
HURON:					Washago.....	32.77	101	118.5	47
Brucefield.....	28.87	70	60.8	39	SUDBURY:				
Lucknow.....	23.10	69	14.93	64	Chapleau.....	20.59	81	81.0	48
Ridgecrest.....	In	complete			Coniston.....	19.14	80	74.8	49
KENORA:					Timmins.....	19.96	77	99.0	76
Ignace.....	20.21	76	89.7	61	THUNDER BAY:				
KENT:					Kakabeka Falls...	19.14	64	60.6	31
Chatham.....	28.71	103	46.6	21	Port Arthur.....	19.06	74	83.8	65
LEEDS:					Savanne.....	In	complete		
Brockville.....	25.44	100	10.91	39	Schrieber.....	23.06	65	88.5	41
LINCOLN:					VICTORIA:				
St. Catharines.....	26.55	97	43.1	28	Fenelon Falls....	22.46	70	69.3	36
Vineland.....	32.73	112	58.6	41	Lindsay.....	27.66	102	77.7	61
MANITOULIN:					WATERLOO:				
Providence Bay....	In	complete			Kitchener.....	35.52	78	55.5	24
MIDDLESEX:					WELLAND:				
London.....	36.39	116	66.6	65	Welland.....	35.77	111	112.1	66
Lucan.....	35.45	111	144.5	63	WELLINGTON:				
MUSKOKA:					Guelph.....	34.38	89	70.0	41
Beatrice.....	30.43	89	179.4	57	YORK:				
NIPISSING:					Agincourt.....	31.18	98	4.49	41
Algonquin Park....	21.94	69	109.2	73	Toronto.....	33.18	113	49.3	42
Haileybury.....	19.22	87	101.0	73	Average for the				
Iroquois Falls....	21.44	85	104.7	70	Province 1942...	26.63	87	86.2	50
Madawaska.....	22.53	52	56.5	19	1941....	24.75	86	65.0	42
Montreal River....	17.09	87	102.3	34	1940....	24.96	88	89.5	48
North Bay.....	20.11	104	68.6	79	1882-1942...	24.25	86	73.3	42
Rutherglen.....	In	complete							

RAIN AND SNOW

TABLE IV.—Monthly summary of inches of rain and snow in precipitation in the several districts in Ontario in 1941. Also the average derived from the sixty-one years, 1882-1942.

Months	West and Southwest		North and Northwest		Centre		East and Northeast		The Province	
	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow
1942	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January.....	1.28	11.8	0.07	14.2	0.82	17.5	1.00	23.8	0.79	16.8
February.....	0.90	19.4	0.00	10.6	0.62	15.2	0.46	18.1	0.49	15.8
March.....	2.59	7.6	0.50	20.2	2.88	10.5	1.89	9.9	1.96	12.0
April.....	1.13	8.6	1.28	1.6	1.30	5.3	1.33	6.0	1.26	5.4
May.....	5.24	.....	3.06	1.5	5.98	.....	4.19	.....	4.62	0.4
June.....	2.18	.....	1.82	.....	1.83	.....	1.95	.....	1.94	.....
July.....	3.46	.....	2.74	.....	3.31	.....	2.19	.....	2.93	.....
August.....	2.03	.....	3.84	.....	1.47	.....	1.92	.....	2.31	.....
September.....	4.93	.....	3.98	2.1	4.80	.....	5.05	.....	4.69	0.5
October.....	3.38	0.3	1.82	5.6	2.74	0.9	2.20	0.6	2.54	1.9
November.....	2.55	9.8	0.80	8.6	2.28	9.7	1.87	9.1	1.88	9.3
December.....	1.33	22.4	0.06	19.3	1.82	26.8	1.66	27.7	1.22	24.1
The year.....	31.00	79.9	19.97	83.7	29.85	85.9	25.71	95.2	26.63	86.2
1882-1942										
January.....	1.08	16.2	0.46	22.2	1.04	16.8	0.98	19.2	0.91	18.6
February.....	1.05	13.7	0.31	17.5	0.84	14.3	0.62	16.4	0.71	15.5
March.....	1.38	9.2	0.73	13.4	1.30	10.5	1.21	12.0	1.15	11.3
April.....	2.19	2.5	1.49	4.6	2.06	3.2	1.82	3.6	1.89	3.5
May.....	2.98	0.1	2.42	0.4	2.74	0.1	2.65	0.1	2.70	0.2
June.....	2.91	.....	2.80	.....	2.74	.....	2.75	.....	2.80	.....
July.....	2.75	.....	3.02	.....	2.86	.....	2.87	.....	2.88	.....
August.....	2.72	.....	2.85	.....	2.47	.....	2.30	.....	2.58	.....
September.....	2.80	.....	3.18	Trace	2.68	.....	2.73	Trace	2.85	Trace
October.....	2.72	0.8	2.70	2.6	2.59	0.7	2.48	0.9	2.62	1.2
November.....	2.26	5.9	1.60	11.9	2.08	5.6	1.98	6.9	1.98	7.6
December.....	1.78	14.3	0.62	19.6	1.19	13.2	1.12	14.4	1.18	15.4
The year.....	26.72	62.7	22.18	92.2	24.59	64.4	23.51	73.5	24.25	73.3

SUNSHINE

TABLE V.—Monthly summary of bright sunshine at the principal stations in Ontario for 1942 showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year and average derived from the sixty-one years, 1882-1942.

Months	Sun above horizon	Woodstock	Toronto	Lindsay	Ottawa	Average of four stations		
						1942	1941	1882-1942
1942	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January	285.7	67.0	89.0	92.0	102.0	87.5	86.5	.....
February	291.4	103.0	107.0	119.0	105.0	108.5	116.5	.....
March	369.9	85.0	104.0	124.0	102.0	103.7	179.0	.....
April	406.4	217.0	217.0	208.0	210.0	213.0	229.0	.....
May	461.1	134.0	134.0	159.0	193.0	155.0	240.0	.....
June	465.7	239.0	220.0	239.0	238.0	234.0	262.5	.....
July	470.9	274.0	268.0	270.0	269.0	270.2	269.5	.....
August	434.5	210.0	237.0	228.0	225.0	225.0	247.8	.....
September	376.3	172.0	167.0	163.0	173.0	168.8	199.7	.....
October	340.2	132.0	142.0	142.0	168.0	146.0	110.3	.....
November	286.9	79.0	108.0	102.0	120.0	102.3	82.0	.....
December	274.3	60.0	52.0	68.0	85.0	66.2	65.0	.....
The year	4,463.3	1,772.0	1,845.0	1,914.0	1,990.0	1,880.2	2,087.8	.....
1882-1942								
January		66.2	77.5	72.6	90.0			76.6
February		93.8	106.8	98.6	113.0			102.8
March		125.4	147.9	138.3	147.9			139.9
April		168.7	184.9	171.7	187.5			178.2
May		217.0	225.5	204.0	219.3			216.5
June		256.8	262.9	229.7	246.2			248.9
July		281.5	287.7	247.6	266.0			270.7
August		239.6	255.0	223.5	246.3			241.1
September		178.1	202.9	173.6	175.1			182.4
October		146.0	151.9	126.9	133.9			139.7
November		77.6	84.3	70.1	82.0			78.5
December		55.9	65.2	57.7	68.4			61.8
The year		1,906.6	2,052.5	1,814.3	1,975.6			1,937.1

NOTE.—The hours of sunshine at Ottawa for the month of April was estimated.

RURAL AREA ASSESSED

TABLE VI.—Showing by County Municipalities the rural area of Ontario as returned by Municipal Assessors for 1942 to the Department of Municipal Affairs.

Counties and Districts	Acres of Assessed Land	Acres Cleared	Per cent cleared
Brant.....	214,039	180,514	84.34
Elgin.....	433,806	367,194	84.64
Essex.....	411,028	388,362	94.49
Haldimand.....	279,811	244,473	87.37
Kent.....	568,616	508,854	89.49
Lambton.....	660,235	567,853	86.01
Lincoln.....	188,108	164,822	87.62
Middlesex.....	751,061	682,743	90.90
Norfolk.....	393,803	259,178	65.81
Oxford.....	469,000	412,920	88.04
Welland.....	218,385	184,850	84.64
Wentworth.....	264,984	207,393	78.27
Southern Ontario	4,852,876	4,169,156	85.91
Bruce.....	933,244	582,676	62.44
Dufferin.....	355,781	285,814	80.33
Grey.....	1,063,857	695,817	65.41
Halton.....	223,223	173,183	77.58
Huron.....	791,927	674,225	85.14
Peel.....	288,173	261,936	90.90
Perth.....	516,818	462,765	89.54
Simcoe.....	931,734	676,185	72.57
Waterloo.....	304,728	257,379	84.46
Wellington.....	626,361	524,397	83.72
Western Ontario	6,035,846	4,594,377	76.12
Durham.....	369,406	313,135	84.77
Haliburton.....	478,175	49,459	10.34
Hastings.....	1,046,833	398,471	38.05
Muskoka.....	550,735	76,464	13.88
Northumberland.....	382,442	348,879	91.22
Ontario.....	498,134	360,073	72.28
Parry Sound.....	587,706	106,187	18.07
Peterborough.....	555,997	261,027	46.95
Prince Edward.....	235,045	198,898	84.62
Victoria.....	591,607	306,053	51.73
York.....	523,195	450,669	86.14
Central Ontario	5,819,275	2,869,315	49.31
Carleton.....	555,623	383,343	68.99
Dundas.....	240,211	192,106	79.97
Frontenac.....	671,597	247,393	36.84
Glengarry.....	287,572	196,014	68.16
Grenville.....	271,346	185,090	68.21
Lanark.....	629,671	347,420	55.17
Leeds.....	485,948	282,207	58.07
Lennox and Addington.....	414,759	255,973	61.72
Prescott.....	277,521	217,582	78.40
Renfrew.....	1,083,979	399,748	36.88
Russell.....	242,673	174,491	71.90
Stormont.....	244,181	141,532	57.96
Eastern Ontario	5,405,081	3,022,899	55.93
Algoma.....	289,309	69,184	23.91
Cochrane.....	149,659	28,886	19.30
Kenora.....	94,659	14,277	15.08
Manitoulin.....	367,298	51,082	13.91
Nipissing.....	302,632	70,398	23.26
Rainy River.....	380,085	81,622	21.43
Sudbury.....	419,000	101,424	24.21
Thunder Bay.....	347,518	73,656	21.19
Timiskaming.....	271,615	87,029	32.04
Northern Ontario	2,621,775	577,558	22.03
The Province, 1942	24,734,853	15,233,305	61.59

FALL WHEAT AND SPRING WHEAT

TABLE VII.—Showing by County Municipalities of Ontario the area, produce and market value of Fall Wheat and Spring Wheat for the year 1942.

Counties and Districts	Fall Wheat				Spring Wheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
Brant.....	16,432	30.2	496,246	445,629	237	21.2	5,024	4,431
Elgin.....	18,494	28.6	528,928	476,035	139	21.4	2,975	2,651
Essex.....	36,795	28.5	1,048,542	923,766	294	22.0	6,468	5,627
Haldimand.....	20,448	29.7	607,306	527,749	253	19.8	5,009	4,258
Kent.....	64,675	29.0	1,875,575	1,600,372	1,011	20.6	20,838	17,712
Lambton.....	67,696	28.9	1,956,414	1,632,952	449	20.5	9,205	7,824
Lincoln.....	13,790	28.5	393,015	342,709	86	19.8	1,703	1,468
Middlesex.....	45,588	31.9	1,454,257	1,287,052	1,275	19.4	24,755	22,032
Norfolk.....	16,362	30.2	494,102	435,798	201	20.1	4,040	3,527
Oxford.....	23,365	33.0	771,045	686,230	195	20.5	3,998	3,498
Welland.....	17,080	29.5	503,860	445,412	60	19.2	1,152	1,008
Wentworth.....	15,210	29.6	450,210	402,189	114	19.4	2,212	1,980
Southern Ontario	355,935	29.7	10,579,500	9,205,893	4,314	20.3	87,379	76,016
Bruce.....	28,190	32.0	902,764	786,307	494	22.0	10,868	9,346
Dufferin.....	4,527	32.2	145,769	127,548	1,281	22.4	28,694	24,591
Grey.....	30,369	31.8	965,734	841,154	1,472	19.0	27,968	24,108
Halton.....	16,005	33.3	532,967	472,209	673	22.3	15,008	13,402
Huron.....	42,325	30.8	1,303,610	1,134,998	1,399	20.5	28,680	24,952
Peel.....	13,952	32.6	454,835	395,706	864	20.7	17,880	15,556
Perth.....	29,775	32.3	961,733	838,631	903	19.8	17,879	15,734
Simcoe.....	57,564	32.3	1,858,676	1,665,819	2,995	17.5	52,413	46,386
Waterloo.....	22,315	33.7	752,016	679,070	489	19.9	9,731	8,758
Wellington.....	14,187	33.4	473,846	429,304	1,455	20.6	29,973	27,126
Western Ontario	259,209	32.2	8,351,950	7,370,746	12,025	19.9	239,094	209,959
Durham.....	15,760	31.2	491,712	435,657	891	19.9	17,731	15,426
Haliburton.....	5	29.5	148	132	22	18.6	409	357
Hastings.....	7,379	30.5	225,060	201,654	764	22.0	16,808	14,623
Muskoka.....	53	28.5	1,511	1,511	51	20.8	1,061	1,061
Northumberland.....	18,312	32.2	589,646	546,012	687	21.7	14,908	13,790
Ontario.....	19,722	30.1	593,632	533,082	1,226	19.1	23,417	20,373
Parry Sound.....	71	28.7	2,038	1,942	221	20.4	4,508	4,003
Peterborough.....	15,365	29.6	454,804	416,600	253	20.7	5,237	4,598
Prince Edward.....	4,508	29.5	132,986	118,358	302	20.0	6,040	5,231
Victoria.....	14,862	30.0	445,860	395,478	504	18.8	9,475	8,215
York.....	37,633	34.3	1,290,812	1,151,404	1,225	22.8	27,930	24,578
Central Ontario	133,670	31.6	4,228,209	3,801,830	6,146	20.7	127,524	112,255
Carleton.....	254	30.0	7,620	6,553	1,690	21.3	35,997	30,849
Dundas.....	178	28.1	5,002	4,352	493	21.7	10,698	9,414
Frontenac.....	252	28.5	7,182	6,284	419	20.4	8,548	7,266
Glenarry.....	124	30.8	3,819	3,513	598	20.5	12,259	10,812
Grenville.....	69	30.2	2,084	1,928	147	20.0	2,940	2,646
Lanark.....	349	30.0	10,470	9,004	1,414	21.9	30,967	27,784
Leeds.....	301	30.3	9,120	8,390	311	22.1	6,873	6,186
Lennox & Addington.....	2,143	30.5	65,362	56,081	927	21.6	20,023	17,160
Prescott.....	178	27.5	4,895	4,215	455	21.8	9,919	8,511
Renfrew.....	785	29.6	23,236	19,751	5,296	20.4	108,038	93,520
Russell.....	21	27.2	571	485	243	20.1	4,884	4,132
Stormont.....	157	29.8	4,679	4,094	408	20.0	8,160	7,075
Eastern Ontario	4,811	29.9	144,040	124,650	12,401	20.9	259,306	225,355
Algoma.....	905	23.5	21,268	20,098	1,112	21.1	23,463	21,891
Cochrane.....	164	25.0	4,100	3,813	755	20.4	15,402	14,201
Kenora.....	33	22.8	752	693	916	20.6	18,870	16,964
Manitoulin.....	1,204	28.8	34,675	32,248	324	18.9	6,124	5,603
Nipissing.....	97	24.5	2,377	2,151	158	20.0	3,160	2,844
Rainy River.....	518	26.2	13,572	12,215	1,240	21.1	26,164	23,548
Sudbury.....	96	24.3	2,333	2,128	458	20.4	9,343	8,502
Thunder Bay.....	115	22.7	2,611	2,360	1,145	21.0	24,045	21,616
Timiskaming.....	243	23.1	5,613	5,175	1,006	21.0	21,126	19,246
Northern Ontario	3,375	25.9	87,301	80,881	7,114	20.8	147,697	134,415
The Province, 1942	757,000	30.9	23,391,000	20,584,000	42,000	20.5	861,000	758,000

OATS AND BARLEY

TABLE VIII.—Showing by County Municipalities of Ontario the area, produce and market value of Oats and Barley for the year 1942.

Counties and Districts	Oats				Barley			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				\$				\$
Brant.....	26,673	42.5	1,133,603	468,178	3,714	34.8	129,247	71,086
Elgin.....	40,834	47.2	1,927,365	838,404	3,023	34.5	104,294	57,362
Essex.....	60,144	47.4	2,848,581	1,239,133	6,884	33.0	227,172	127,898
Haldimand.....	35,488	40.6	1,440,813	621,800	4,190	29.6	124,024	67,593
Kent.....	66,430	51.2	3,401,216	1,484,523	15,509	35.8	555,713	304,538
Lambton.....	73,421	49.0	3,597,629	1,550,578	15,115	33.5	506,813	281,924
Lincoln.....	17,536	43.6	764,570	322,648	692	33.8	23,390	12,865
Middlesex.....	67,280	46.9	3,155,432	1,359,991	14,515	34.7	503,671	278,026
Norfolk.....	32,433	44.3	1,436,782	606,322	1,827	35.2	64,310	35,371
Oxford.....	39,100	50.1	1,958,910	848,208	6,308	36.1	227,719	124,790
Welland.....	19,426	35.8	695,950	305,522	931	26.9	25,044	13,824
Wentworth.....	30,029	44.7	1,342,296	578,530	3,116	33.7	105,009	57,755
Southern Ontario	508,794	46.6	23,703,147	10,223,837	75,824	34.2	2,596,406	1,433,032
Bruce.....	72,850	44.0	3,205,400	1,403,965	12,742	37.6	479,099	263,025
Dufferin.....	28,352	44.6	1,264,499	541,206	7,218	33.0	238,194	132,198
Grey.....	90,557	40.0	3,530,922	1,518,296	19,093	36.4	695,269	379,617
Halton.....	25,696	44.0	1,130,624	482,776	5,437	34.5	187,577	105,043
Huron.....	60,076	47.6	2,859,618	1,229,636	27,255	37.8	1,031,317	567,991
Peel.....	23,714	45.1	1,069,501	455,607	9,768	31.0	302,808	163,516
Perth.....	72,783	48.5	3,529,976	1,517,890	25,549	38.6	985,642	532,247
Simcoe.....	90,387	41.7	3,769,712	1,640,111	16,442	37.8	621,912	342,674
Waterloo.....	38,966	48.6	1,893,412	795,233	6,449	36.1	232,809	123,388
Wellington.....	49,162	42.3	2,079,553	885,890	10,207	35.8	365,411	197,322
Western Ontario	552,543	44.0	24,333,217	10,470,610	140,160	36.7	5,140,038	2,807,021
Durham.....	32,536	42.9	1,395,794	615,545	4,331	28.7	124,300	69,608
Haliburton.....	5,602	28.8	161,338	79,056	251	23.1	5,798	3,943
Hastings.....	71,871	43.9	3,155,137	1,394,913	5,183	32.0	165,856	94,538
Muskoka.....	8,046	35.8	288,047	144,024	295	27.0	7,965	5,416
Northumberland.....	50,352	44.0	2,215,488	996,970	3,749	28.8	107,971	65,322
Ontario.....	44,314	40.5	1,796,536	835,389	9,392	28.8	270,490	156,884
Perry Sound.....	16,827	34.2	575,483	287,742	1,285	27.7	35,595	23,493
Peterborough.....	38,245	40.8	1,560,396	741,188	3,323	29.9	99,358	59,615
Prince Edward.....	22,185	35.6	789,786	355,404	4,002	29.0	116,058	67,314
Victoria.....	38,315	35.6	1,364,014	600,166	8,241	31.5	259,230	147,761
York.....	54,284	49.5	2,687,058	1,144,686	16,163	39.8	643,077	370,811
Central Ontario	382,577	41.8	15,989,077	7,195,083	56,215	30.3	1,835,698	1,064,705
Carleton.....	63,769	45.7	2,914,243	1,303,124	9,598	37.2	357,046	222,394
Dundas.....	13,612	41.6	566,259	259,347	4,735	33.0	156,255	95,316
Frontenac.....	15,283	38.1	582,282	250,381	1,604	31.5	50,526	30,568
Glengarry.....	35,834	35.8	1,282,857	596,528	7,072	28.8	203,674	126,278
Grenville.....	20,415	36.8	751,272	344,834	1,456	27.9	40,622	28,029
Lanark.....	28,223	43.4	1,224,878	526,698	3,984	33.5	133,464	84,082
Leeds.....	36,550	38.5	1,407,175	612,121	2,638	30.3	79,931	50,356
Lennox & Addington.....	33,719	39.5	1,331,900	570,053	3,616	27.8	100,525	60,315
Prescott.....	50,993	34.2	1,743,960	749,903	7,297	30.9	225,477	135,286
Renfrew.....	66,515	40.4	2,685,099	1,186,577	8,161	35.5	289,937	181,211
Russell.....	36,496	37.6	1,372,250	598,301	4,677	29.7	138,907	87,511
Stormont.....	24,838	38.0	943,844	430,393	4,496	29.1	130,833	81,116
Eastern Ontario	426,247	39.4	16,806,019	7,428,260	59,334	32.3	1,907,197	1,182,462
Algoma.....	14,484	36.9	534,460	267,230	2,323	33.1	76,852	49,954
Cochrane.....	11,412	35.5	405,126	210,666	2,314	33.2	76,808	49,157
Kenora.....	3,629	39.2	142,256	74,684	1,845	32.5	59,963	38,976
Manitoulin.....	6,943	43.0	298,549	146,289	1,004	33.9	34,036	22,464
Nipissing.....	15,392	34.0	523,328	264,280	1,857	33.1	61,467	40,568
Rainy River.....	7,182	45.5	326,781	163,390	5,390	33.6	181,104	117,717
Sudbury.....	12,958	37.8	489,812	261,560	1,819	30.0	54,570	35,824
Thunder Bay.....	4,857	35.2	170,966	87,193	1,761	32.4	56,979	37,476
Timiskaming.....	18,982	42.9	815,262	403,918	3,154	31.0	97,882	62,644
Northern Ontario	95,839	38.7	3,706,540	1,879,210	21,467	32.0	699,661	454,780
The Province, 1942	1,966,000	43.0	84,538,000	37,197,000	353,000	34.5	12,179,000	6,942,000

PEAS AND BEANS

TABLE IX.—Showing by County Municipalities of Ontario the area, produce and market value of Peas and Beans for the year 1942.

Counties and Districts	Peas				Beans			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
Brant.....	136	17.6	2,394	4,476	148	19.0	2,812	4,046
Elgin.....	226	20.0	4,520	8,316	9,591	20.9	200,452	290,678
Essex.....	65	20.2	1,313	2,403	1,601	18.6	29,778	44,962
Haldimand.....	86	19.2	1,651	3,070	34	19.5	663	981
Kent.....	101	18.0	1,818	3,345	25,302	20.8	525,727	778,390
Lambton.....	495	17.5	8,662	16,371	3,131	20.8	65,124	94,988
Lincoln.....	2	18.0	36	66	22	19.4	427	636
Middlesex.....	481	18.5	8,878	16,779	6,075	18.7	113,602	165,403
Norfolk.....	9	17.6	158	295	101	20.0	2,020	3,011
Oxford.....	102	19.4	1,979	3,740	188	20.7	3,892	5,828
Welland.....	6	18.0	108	203	125	19.4	2,425	3,623
Wentworth.....	165	19.1	3,152	5,957	72	20.5	1,476	2,022
Southern Ontario	1,874	18.5	34,669	65,021	46,390	20.4	948,398	1,394,568
Bruce.....	2,006	19.2	38,515	73,178	117	19.7	2,305	3,688
Dufferin.....	978	20.0	19,560	36,968	3	19.0	57	92
Grey.....	1,958	20.4	40,022	76,442	141	18.7	2,636	4,165
Halton.....	9	18.5	166	312	11	20.2	222	351
Huron.....	883	17.6	15,540	29,992	11,596	19.8	229,962	365,205
Peel.....	255	18.0	4,590	8,675	95	21.5	2,042	3,267
Perth.....	865	18.7	16,176	31,543	461	21.9	10,096	16,053
Simcoe.....	1,946	19.0	36,974	70,620	96	20.1	1,930	3,088
Waterloo.....	161	19.4	3,123	6,027	95	20.6	1,957	3,092
Wellington.....	993	18.5	18,370	35,638	58	19.7	1,143	1,806
Western Ontario	10,054	19.2	193,036	369,395	12,673	19.9	252,350	400,807
Durham.....	2,004	17.4	34,872	66,954	272	16.6	4,506	7,282
Haliburton.....	32	15.7	502	974	5	15.7	78	128
Hastings.....	111	18.1	2,009	3,938	41	16.8	689	1,102
Muskoka.....	29	18.5	536	1,018	1	17.0	17	28
Northumberland.....	286	17.6	5,033	9,714	306	17.0	5,216	8,450
Ontario.....	302	18.2	5,496	10,717	70	19.0	1,330	2,141
Parry Sound.....	219	17.0	3,723	7,297	10	17.1	171	277
Peterborough.....	314	16.8	5,275	10,023	51	17.8	908	1,453
Prince Edward.....	201	17.5	3,517	6,717	153	17.7	2,708	4,360
Victoria.....	507	18.2	9,227	17,716	58	18.1	1,050	1,670
York.....	249	18.8	4,681	9,081	216	18.3	3,954	6,524
Central Ontario	4,254	17.6	74,871	144,149	1,183	17.4	20,627	33,415
Carleton.....	1,419	16.7	23,697	49,296	167	19.1	3,190	5,164
Dundas.....	10	14.8	148	303	28	17.2	482	781
Frontenac.....	11	14.0	154	317	33	16.4	541	860
Glengarry.....	53	13.8	731	1,491	74	15.6	1,154	1,835
Grenville.....	32	16.0	512	1,055	501	16.8	8,416	13,550
Lanark.....	794	15.3	12,148	25,446	34	16.7	568	908
Leeds.....	71	14.7	1,044	2,265	45	17.4	783	1,276
Lennox & Addington.....	154	14.3	2,202	4,602	112	17.9	2,004	3,226
Prescott.....	930	14.7	13,671	28,709	115	19.5	2,242	3,632
Renfrew.....	11,312	14.5	163,609	340,366	238	18.1	4,308	6,936
Russell.....	326	14.2	4,629	9,721	189	16.4	3,091	4,946
Stormont.....	52	15.0	780	1,638	78	18.8	1,466	2,360
Eastern Ontario	15,164	14.7	223,325	465,209	1,614	17.5	28,245	45,474
Algoma.....	555	18.5	10,267	20,945	18	17.0	306	480
Cochrane.....	462	17.9	8,270	16,954	6	15.3	92	146
Kenora.....	43	16.4	705	1,431	1	15.0	15	24
Manitoulin.....	226	18.8	4,248	8,581	3	18.1	54	84
Nipissing.....	251	18.9	4,734	9,752	32	17.5	559	878
Rainy River.....	54	18.0	972	1,993	27	17.0	459	729
Sudbury.....	406	18.6	7,552	15,406	22	18.0	396	618
Thunder Bay.....	164	19.1	3,132	6,358	3	17.1	51	79
Timiskaming.....	493	18.7	9,219	18,806	28	16.0	448	698
Northern Ontario	2,654	18.5	49,099	100,226	140	17.0	2,380	3,736
The Province, 1942	34,000	16.9	575,000	1,144,000	62,000	20.2	1,252,000	1,878,000

RYE AND BUCKWHEAT

TABLE X.—Showing by County Municipalities of Ontario the area, produce and market value of Rye and Buckwheat for the year 1942.

Counties and Districts	Rye				Buckwheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				\$				\$
Brant.....	3,367	19.0	63,973	41,582	2,284	20.1	45,908	27,086
Elgin.....	3,594	20.6	74,036	48,863	3,096	20.6	63,777	37,628
Essex.....	563	20.0	11,260	7,319	561	21.4	12,005	7,203
Haldimand.....	128	21.7	2,777	1,861	1,252	21.8	27,293	16,375
Kent.....	1,196	20.0	23,920	15,787	1,518	19.3	29,297	17,578
Lambton.....	618	21.4	13,225	8,596	716	21.4	15,322	9,500
Lincoln.....	143	21.5	3,074	2,060	184	19.1	3,514	2,143
Middlesex.....	1,051	21.4	22,491	14,619	3,599	21.5	77,427	46,399
Norfolk.....	11,736	21.6	253,148	167,077	2,356	20.6	48,533	28,149
Oxford.....	3,652	19.0	69,388	46,025	2,612	19.8	51,717	30,513
Welland.....	377	19.3	7,276	4,729	614	20.3	12,464	7,229
Wentworth.....	355	20.0	7,100	4,686	623	19.6	12,211	7,082
Southern Ontario	26,780	20.6	551,668	363,204	19,415	20.6	399,468	236,885
Bruce.....	326	20.5	6,683	4,143	2,275	20.1	45,727	25,607
Dufferin.....	1,597	19.6	31,301	19,093	1,814	21.4	38,820	23,292
Grey.....	365	19.4	7,081	4,178	2,001	19.3	38,619	23,557
Halton.....	371	21.0	7,791	4,752	186	20.7	3,850	2,233
Huron.....	243	20.1	4,884	2,979	5,156	19.8	102,088	58,190
Peel.....	708	19.6	13,877	8,326	935	18.7	17,484	9,791
Perth.....	669	20.2	13,514	8,244	3,604	21.6	77,846	45,150
Simcoe.....	5,167	20.5	106,140	64,654	12,380	21.0	260,218	150,240
Waterloo.....	681	21.2	14,437	8,806	833	20.5	17,076	10,245
Wellington.....	650	20.1	13,065	7,839	4,832	19.7	95,190	55,210
Western Ontario	10,777	20.3	218,773	133,014	34,016	20.5	696,918	403,515
Durham.....	5,829	16.9	98,510	64,016	3,876	20.2	78,428	46,188
Haliburton.....	486	17.6	8,554	5,560	136	18.0	2,448	1,493
Hastings.....	3,779	18.3	69,156	44,260	4,007	23.1	92,562	55,537
Muskoka.....	64	17.4	1,114	746	128	19.1	2,444	1,564
Northumberland.....	8,962	18.4	164,947	107,865	9,273	21.9	203,224	119,902
Ontario.....	4,331	18.0	77,958	50,363	7,801	21.8	169,941	101,566
Parry Sound.....	111	16.3	1,809	1,212	189	17.0	3,213	2,024
Peterborough.....	1,265	16.8	21,252	14,238	1,695	21.0	35,595	21,009
Prince Edward.....	4,528	17.7	80,145	52,896	3,261	20.0	65,220	37,868
Victoria.....	1,827	16.9	30,876	20,069	6,024	20.1	121,082	72,649
York.....	2,446	18.0	44,028	29,498	4,903	22.2	108,866	65,320
Central Ontario	33,628	17.8	598,349	390,723	41,293	21.4	883,023	525,120
Carleton.....	258	17.6	4,541	3,042	3,764	21.1	79,420	54,800
Dundas.....	164	18.2	2,985	1,970	1,672	22.2	37,118	25,240
Frontenac.....	265	18.0	4,770	3,100	847	21.0	17,787	11,561
Glengarry.....	241	17.4	4,193	2,767	1,967	19.0	37,373	25,040
Grenville.....	118	18.1	2,136	1,431	3,920	19.8	77,745	52,866
Lanark.....	245	17.4	4,263	2,856	3,846	21.9	84,228	55,590
Leeds.....	164	17.8	2,919	1,897	2,433	22.8	55,472	37,166
Lennox & Addington.....	980	17.7	17,346	11,448	2,008	22.3	44,778	30,449
Prescott.....	271	18.3	4,959	3,322	1,210	21.6	26,136	16,980
Renfrew.....	3,595	18.4	66,135	44,253	4,822	22.7	109,333	73,243
Russell.....	226	17.8	4,022	2,694	1,341	20.3	27,222	17,966
Stormont.....	118	17.0	2,006	1,323	1,749	20.8	36,379	25,101
Eastern Ontario	6,645	18.1	120,275	80,103	29,579	21.4	632,991	426,002
Algoma.....	112	15.0	1,680	1,260	164	19.8	3,247	2,111
Cochrane.....	78	16.1	1,256	942	16	19.0	304	200
Kenora.....	18	15.3	275	209	10	19.7	197	130
Manitoulin.....	86	16.0	1,376	1,013	337	20.3	6,841	4,583
Nipissing.....	61	16.5	1,006	755	351	19.3	6,774	4,431
Rainy River.....	26	16.8	436	340	102	20.8	2,121	1,400
Sudbury.....	214	15.0	3,206	2,404	430	19.4	8,356	5,682
Thunder Bay.....	51	16.0	816	620	82	20.0	1,640	1,098
Timiskaming.....	124	15.2	1,884	1,413	205	20.1	4,120	2,843
Northern Ontario	770	15.5	11,935	8,956	1,697	19.8	33,600	22,478
The Province, 1942.	78,600	19.1	1,501,000	976,000	126,000	21.0	2,646,000	1,614,000

FLAX AND MIXED GRAINS

TABLE XI.—Showing by County Municipalities of Ontario the area, produce and market value of Flax and Mixed Grains for the year 1942.

Counties and Districts	Flax				Mixed Grains			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				\$				\$
Brant.....	37	12.8	474	825	19,665	43.2	849,528	441,754
Elgin.....	149	12.6	1,877	3,304	20,894	45.1	942,319	471,160
Essex.....	163	12.7	2,070	3,623	1,663	47.0	78,161	41,034
Haldimand.....	48	11.9	571	988	11,888	40.2	477,898	240,383
Kent.....	101	12.8	1,292	2,248	14,112	47.8	674,554	339,300
Lambton.....	474	12.6	5,996	10,516	21,647	45.2	978,444	496,071
Lincoln.....	20	12.4	248	429	1,983	40.3	79,915	39,958
Middlesex.....	51	12.4	632	1,106	42,463	47.9	2,033,978	1,047,498
Norfolk.....	39	11.8	460	800	5,954	45.5	270,907	136,808
Oxford.....	112	11.8	1,322	2,314	75,117	49.0	3,680,733	1,822,939
Welland.....	3	11.4	34	59	1,329	30.8	40,933	21,572
Wentworth.....	32	12.1	387	673	22,215	43.1	957,467	489,266
Southern Ontario	1,229	12.5	15,363	26,885	238,930	46.3	11,064,837	5,587,743
Bruce.....	1,912	13.9	26,577	45,181	51,652	43.7	2,257,192	1,126,338
Dufferin.....	33	11.4	376	635	44,775	44.1	1,974,578	963,594
Grey.....	201	12.0	2,412	4,125	62,823	41.0	2,575,743	1,298,174
Halton.....	268	13.3	3,564	5,988	14,607	46.2	674,843	344,170
Huron.....	1,967	12.4	24,453	41,570	76,648	46.7	3,579,467	1,768,479
Peel.....	69	11.4	787	1,346	23,926	43.8	1,047,959	539,042
Perth.....	1,200	11.7	14,040	23,822	118,257	50.2	5,930,399	2,874,113
Simcoe.....	103	11.4	1,174	2,008	44,260	42.1	1,863,346	946,393
Waterloo.....	314	12.0	3,768	6,481	49,777	45.8	2,279,787	1,130,774
Wellington.....	461	12.7	5,855	9,954	96,453	44.2	4,263,223	2,101,769
Western Ontario	6,528	12.7	83,006	141,110	583,178	45.3	26,446,532	13,092,846
Durham.....	14	9.9	139	254	30,653	40.2	1,232,251	608,732
Haliburton.....	11	10.1	111	205	120	36.1	4,332	2,253
Hastings.....	15	9.8	147	268	9,036	42.2	381,319	212,776
Muskoka.....	4	9.1	36	67	476	37.8	17,993	11,156
Northumberland.....	101	10.1	1,020	1,877	14,262	39.6	564,775	310,626
Ontario.....	168	10.2	1,714	3,154	48,001	39.5	1,896,040	1,009,030
Parry Sound.....	12	9.1	109	202	1,132	38.8	43,922	27,232
Peterborough.....	50	9.8	490	896	5,578	39.1	218,100	130,860
Prince Edward.....	36	9.8	353	646	6,824	38.5	262,724	140,557
Victoria.....	162	9.9	1,601	2,946	24,173	35.9	867,811	454,336
York.....	100	10.1	1,010	1,868	47,682	46.0	2,193,372	1,201,846
Central Ontario	673	10.0	6,730	12,383	187,937	40.9	7,682,639	4,109,404
Carleton.....	2,300	9.9	22,770	43,263	22,665	44.7	1,013,126	572,285
Dundas.....	68	9.0	612	1,151	26,838	44.1	1,183,556	656,753
Frontenac.....	48	9.0	432	816	4,301	36.2	155,696	84,076
Glengarry.....	4,824	10.5	50,863	96,569	3,986	33.5	133,531	73,686
Grenville.....	25	9.3	233	438	7,263	33.5	243,311	128,225
Lanark.....	119	8.4	1,000	1,900	11,315	40.8	461,652	249,754
Leeds.....	18	8.8	158	302	6,112	36.4	222,477	121,250
Lennox & Addington.....	65	9.1	592	1,118	13,674	38.5	526,449	286,753
Prescott.....	2,114	10.1	21,351	40,567	3,862	31.6	122,039	65,046
Renfrew.....	1,500	9.3	13,950	26,366	4,129	35.0	144,515	81,940
Russell.....	1,463	10.1	14,776	28,222	7,568	32.7	247,474	138,833
Stormont.....	87	8.9	774	1,478	12,023	36.3	436,435	245,713
Eastern Ontario	12,631	10.1	127,511	242,190	123,736	39.5	4,890,261	2,704,314
Algoma.....	22	7.1	156	271	3,063	41.0	125,583	73,592
Cochrane.....	17	6.4	109	192	1,172	36.4	42,661	24,274
Kenora.....	19	6.6	125	220	788	36.5	28,762	16,337
Manitoulin.....	25	8.4	210	363	3,328	40.0	133,120	74,946
Nipissing.....	18	8.4	151	266	1,067	40.1	42,787	24,602
Rainy River.....	2,732	10.2	27,918	48,858	422	40.5	17,091	9,793
Sudbury.....	50	6.7	335	583	1,126	33.7	37,946	22,502
Thunder Bay.....	21	6.7	141	248	795	35.8	28,461	16,650
Timiskaming.....	35	7.0	245	431	5,458	40.0	218,320	129,997
Northern Ontario	2,939	10.0	29,390	51,432	17,219	39.2	674,731	392,693
The Province, 1942	24,000	10.9	262,000	474,000	1,151,000	44.1	50,759,000	25,887,000

CORN

TABLE XII.—Showing by County Municipalities of Ontario the area, produce and market value of Corn for husking and for fodder for the year 1942.

Counties and Districts	Corn for Husking				Corn for Silo			
	Acres	Per acre	Bushels (shelled)	Market value	Acres	Per acre	Tons (green)	Market value
Brant.....	1,232	53.5	65,912	\$ 51,411	7,110	7.00	49,770	\$ 186,638
Elgin.....	9,287	53.3	494,997	400,948	16,571	10.50	173,996	617,686
Essex.....	111,386	53.5	5,964,408	4,774,526	1,955	8.25	16,129	63,710
Haldimand.....	871	49.3	42,940	33,064	2,034	8.68	17,655	70,620
Kent.....	99,687	52.8	5,263,474	4,214,779	10,684	12.60	134,618	572,126
Lambton.....	17,994	53.0	953,682	753,408	16,555	12.00	198,660	794,640
Lincoln.....	712	46.9	33,393	25,778	2,991	9.00	26,919	113,060
Middlesex.....	4,609	53.5	246,582	202,197	26,122	12.04	314,588	1,326,151
Norfolk.....	5,358	50.0	267,900	216,999	5,411	7.20	38,959	136,356
Oxford.....	765	53.1	40,622	32,090	19,516	9.00	175,644	632,318
Welland.....	1,423	48.0	68,304	53,277	2,485	7.35	18,265	73,060
Wentworth.....	200	51.1	10,220	8,074	5,337	9.10	48,567	177,270
Southern Ontario	253,524	53.1	13,452,434	10,766,551	116,771	10.39	1,213,770	4,763,635
Bruce.....	72	43.4	3,125	2,384	3,795	8.50	32,258	96,774
Dufferin.....	78	40.7	3,175	2,445	646	10.20	6,589	19,767
Grey.....	79	40.1	3,168	2,344	5,221	9.25	48,294	140,053
Halton.....	40	39.1	1,564	1,173	3,774	10.00	37,740	113,220
Huron.....	192	41.4	7,949	6,121	6,539	11.25	73,564	202,301
Peel.....	19	39.7	754	581	3,041	11.40	34,667	98,801
Perth.....	91	34.4	3,130	2,348	16,728	11.00	184,008	460,020
Simcoe.....	696	40.4	28,132	21,380	6,151	8.00	49,208	135,322
Waterloo.....	103	41.0	4,223	3,209	9,322	12.20	113,728	284,320
Wellington.....	44	40.1	1,764	1,323	5,545	11.60	64,322	176,886
Western Ontario	1,414	40.3	56,984	43,308	60,762	10.60	644,378	1,727,464
Durham.....	38	38.9	1,478	1,094	5,556	8.60	47,782	143,346
Haliburton.....	20	33.0	660	502	296	7.00	2,072	8,288
Hastings.....	335	34.8	11,658	8,744	5,504	10.20	56,141	196,494
Muskoka.....	19	33.0	627	476	375	6.50	2,438	11,581
Northumberland.....	296	40.0	11,840	8,880	5,566	8.90	49,537	136,227
Ontario.....	92	40.0	3,676	2,720	7,861	9.00	70,749	176,873
Parry Sound.....	53	33.7	1,786	1,357	418	8.50	3,553	14,212
Peterborough.....	37	33.0	1,221	891	3,650	9.20	33,580	117,530
Prince Edward.....	438	37.1	16,250	12,188	2,299	8.90	20,461	56,268
Victoria.....	14	33.2	464	343	4,492	10.40	46,717	116,793
York.....	64	41.3	2,643	2,032	7,875	10.65	83,869	209,673
Central Ontario	1,406	37.2	52,303	39,227	43,892	9.50	416,899	1,187,285
Carleton.....	51	36.6	1,867	1,512	11,536	12.00	138,432	553,728
Dundas.....	118	39.5	4,661	3,682	13,284	10.60	140,810	563,240
Frontenac.....	256	38.8	9,943	8,054	3,448	11.65	40,169	160,676
Glenora.....	29	37.0	1,073	880	4,109	11.20	46,021	184,084
Grenville.....	18	37.0	666	539	5,237	10.40	54,465	160,672
Lanark.....	168	34.1	5,728	4,696	5,859	10.60	62,105	186,315
Leeds.....	279	35.4	9,877	8,000	11,965	10.75	128,624	514,496
Lennox & Addington.....	142	37.0	5,254	4,251	2,713	8.50	23,061	69,183
Prescott.....	174	38.6	6,716	5,440	5,118	10.75	55,019	176,061
Renfrew.....	170	36.5	6,205	5,088	2,703	9.10	24,597	79,940
Russell.....	65	36.3	2,360	1,843	6,517	11.70	76,249	266,872
Stormont.....	40	38.0	1,520	1,270	5,093	11.90	60,607	212,125
Eastern Ontario	1,510	37.0	55,870	45,255	77,582	10.96	850,159	3,127,392
Algoma.....	12	30.3	364	306	229	9.50	2,176	9,900
Cochrane.....	8	27.0	216	177	10	9.00	90	405
Kenora.....	3	23.0	69	58	17	8.00	136	639
Manitoulin.....	16	33.6	538	446	382	10.60	4,049	15,791
Nipissing.....	24	31.0	744	618	175	9.30	1,720	7,740
Rainy River.....	51	30.5	1,554	1,290	40	9.00	360	1,368
Sudbury.....	18	30.1	542	450	108	9.00	972	4,082
Thunder Bay.....	12	27.1	325	266	5	8.50	43	183
Timiskaming.....	2	28.8	57	48	27	9.20	248	1,116
Northern Ontario	146	30.2	4,409	3,659	993	9.86	9,794	41,224
The Province, 1942.	258,000	52.8	13,622,000	10,898,000	300,000	10.45	3,135,000	10,847,000

POTATOES AND TURNIPS

TABLE XIII.—Showing by County Municipalities of Ontario the area, produce and market value of Potatoes and Turnips for the year 1942.

Counties and Districts	Potatoes				Turnips			
	Acres	Per acre	Hundred Weight	Market value \$	Acres	Per acre	Bushels	Market value \$
Brant.....	1,964	50.0	98,200	182,652	738	435	321,030	57,785
Elgin.....	1,715	47.6	81,634	151,839	31	442	13,702	2,466
Essex.....	4,494	90.2	405,359	737,753	20	449	8,980	1,616
Haldimand.....	493	48.5	23,911	43,279	9	445	4,005	721
Kent.....	2,315	76.3	176,635	328,541	12	444	5,328	959
Lambton.....	2,194	51.8	113,649	198,886	43	447	19,221	3,460
Lincoln.....	556	37.9	21,072	40,037	6	444	2,664	480
Middlesex.....	4,637	61.2	283,784	442,703	768	442	339,456	61,102
Norfolk.....	1,879	51.0	95,829	156,201	99	446	44,154	7,948
Oxford.....	1,568	45.8	71,814	127,829	2,941	436	1,281,123	230,602
Welland.....	931	47.0	43,757	83,138	12	443	5,316	957
Westworth.....	4,042	39.5	159,659	309,738	496	447	221,712	39,908
Southern Ontario	26,788	58.8	1,575,303	2,802,596	5,175	438	2,266,691	408,004
Bruce.....	2,327	77.5	180,343	248,873	2,785	443	1,233,580	224,380
Dufferin.....	3,016	56.5	170,404	238,566	711	443	314,973	59,840
Grey.....	3,339	59.2	197,669	328,131	1,764	445	784,980	149,146
Halton.....	1,311	51.8	67,910	99,149	415	452	187,580	35,640
Huron.....	1,888	49.5	93,456	142,053	2,389	443	1,058,327	201,062
Peel.....	2,872	47.3	135,846	203,769	281	446	125,326	23,812
Perth.....	1,854	45.0	83,430	130,151	2,308	442	1,019,368	193,680
Simcoe.....	8,212	80.0	656,960	1,042,365	3,046	444	1,351,562	250,797
Waterloo.....	2,768	48.8	135,078	229,633	2,814	441	1,240,974	225,785
Wellington.....	4,586	43.5	199,941	321,181	3,360	443	1,488,480	272,111
Western Ontario	32,173	59.7	1,920,587	2,983,871	19,873	443	8,805,150	1,636,253
Durham.....	2,315	47.1	109,037	182,092	702	447	313,706	59,621
Haliburton.....	318	52.0	16,536	31,088	32	445	14,240	2,706
Hastings.....	3,234	48.9	158,143	300,472	341	443	151,063	28,702
Muskoka.....	561	54.1	30,350	59,183	170	445	75,650	14,373
Northumberland.....	3,064	50.0	153,200	292,612	941	443	416,863	79,204
Ontario.....	3,685	42.8	157,718	246,040	3,003	440	1,321,320	250,971
Parry Sound.....	1,156	49.7	57,453	90,776	301	442	133,042	25,278
Peterborough.....	1,647	48.2	79,385	146,862	641	440	282,245	54,196
Prince Edward.....	938	45.3	42,491	84,982	19	443	8,417	1,599
Victoria.....	1,216	55.8	67,853	107,208	1,483	440	652,520	123,479
York.....	4,826	52.6	253,848	413,772	2,913	440	1,281,720	243,520
Central Ontario	22,960	49.0	1,126,014	1,955,087	10,546	441	4,650,786	883,649
Carleton.....	4,874	72.0	351,007	554,591	495	353	174,627	38,418
Dundas.....	933	58.9	54,954	91,224	19	350	6,650	1,463
Frontenac.....	1,485	58.2	86,427	168,533	53	353	18,709	4,116
Glengarry.....	1,160	51.6	59,856	97,565	69	349	24,081	5,298
Grenville.....	1,310	60.4	79,124	151,127	52	353	18,356	4,038
Lanark.....	1,671	48.5	81,044	128,860	168	351	58,968	12,973
Leeds.....	1,892	47.6	90,059	178,317	201	354	71,154	15,654
Lennox & Addington.....	2,330	40.0	93,200	186,400	49	349	17,101	3,763
Prescott.....	1,834	63.8	117,009	193,065	58	348	20,184	4,440
Renfrew.....	3,241	57.6	193,164	318,721	69	350	24,150	5,313
Russell.....	4,641	55.0	255,255	423,723	244	352	85,888	18,895
Stormont.....	1,145	53.8	61,601	103,490	36	353	12,708	2,796
Eastern Ontario	26,516	57.4	1,522,700	2,595,616	1,513	352	532,576	117,167
Algoma.....	1,205	72.6	87,483	167,093	318	328	104,154	27,080
Cochrane.....	2,312	90.0	208,080	349,574	201	327	65,727	17,089
Kenora.....	552	75.8	41,842	73,224	29	325	9,425	2,451
Manitoulin.....	465	56.4	26,226	47,469	104	328	34,112	8,869
Nipissing.....	1,668	60.2	100,414	200,808	357	330	117,810	30,630
Rainy River.....	592	50.0	29,600	55,056	141	332	46,812	12,171
Sudbury.....	3,142	64.2	201,716	373,175	251	331	83,081	21,601
Thunder Bay.....	2,503	90.0	225,270	394,223	300	329	98,700	25,662
Timiskaming.....	1,124	85.2	95,765	176,208	192	328	62,976	16,374
Northern Ontario	13,563	74.9	1,016,396	1,836,830	1,893	329	622,797	161,927
The Province, 1942.	122,000	58.7	7,161,000	12,174,000	39,000	433	16,878,000	3,207,000

ALSIKE AND SWEET CLOVER

TABLE XIV.—Showing by County Municipalities of Ontario the area, produce and market value of Alsike and Sweet Clover for the year 1942.

Counties and Districts	Alsike				Sweet Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
Brant.....	228	1.56	356	\$ 2,912	2,130	2.22	4,728	\$ 29,455
Elgin.....	926	1.53	1,420	11,648	4,876	2.18	10,630	65,906
Essex.....	433	1.55	671	5,516	8,170	2.16	17,688	110,550
Haldimand.....	1,801	1.58	2,856	23,440	2,752	2.23	6,137	38,478
Kent.....	256	1.57	402	3,284	5,798	2.15	12,466	78,444
Lambton.....	296	1.54	457	3,757	6,025	2.13	12,833	80,335
Lincoln.....	853	1.50	1,280	10,496	1,103	2.11	2,327	14,520
Middlesex.....	634	1.54	979	8,038	5,634	2.28	12,846	80,288
Norfolk.....	410	1.56	640	5,242	3,897	2.22	8,651	53,982
Oxford.....	285	1.59	453	3,715	3,815	2.21	8,431	52,778
Welland.....	515	1.50	773	6,315	1,926	2.19	4,218	26,278
Wentworth.....	302	1.55	468	3,828	2,023	2.22	4,491	28,024
Southern Ontario	6,939	1.55	10,755	88,191	48,149	2.19	105,446	659,038
Bruce.....	1,391	1.53	2,128	17,662	12,740	2.17	27,646	170,023
Dufferin.....	576	1.40	806	6,658	5,197	2.14	11,122	68,178
Grey.....	1,095	1.49	1,632	13,562	8,788	2.19	19,246	118,710
Halton.....	196	1.41	276	2,283	679	2.18	1,480	9,028
Huron.....	361	1.44	520	4,332	9,166	2.16	19,798	121,408
Peel.....	975	1.45	1,414	11,708	3,113	2.19	6,817	41,788
Perth.....	243	1.53	372	3,088	5,599	2.18	12,184	75,175
Simcoe.....	2,106	1.54	3,235	26,889	7,761	2.17	16,841	103,741
Waterloo.....	101	1.59	161	1,338	2,967	2.16	6,408	39,601
Wellington.....	308	1.57	484	4,012	8,379	2.17	18,182	111,819
Western Ontario	7,352	1.50	11,028	91,532	64,389	2.17	139,724	859,471
Durham.....	613	1.32	809	6,334	3,664	2.17	7,951	42,582
Haliburton.....	72	1.30	94	776	273	2.00	546	2,976
Hastings.....	1,268	1.35	1,709	13,723	5,444	2.18	11,868	63,968
Muskoka.....	41	1.31	54	445	138	2.00	276	1,482
Northumberland.....	594	1.34	796	6,368	5,713	2.15	12,283	66,328
Ontario.....	353	1.30	459	3,626	4,056	2.19	8,883	47,790
Parry Sound.....	192	1.28	246	1,941	268	2.00	536	2,889
Peterborough.....	313	1.31	410	3,362	3,972	2.16	8,580	46,675
Prince Edward.....	743	1.41	1,048	8,489	5,008	2.19	10,976	59,270
Victoria.....	547	1.37	749	5,992	3,780	2.12	8,014	43,276
York.....	664	1.38	916	7,264	4,525	2.17	9,819	53,317
Central Ontario	5,400	1.35	7,290	58,320	36,841	2.16	79,732	430,553
Carleton.....	643	1.36	874	9,833	3,067	2.08	6,387	41,586
Dundas.....	589	1.31	772	8,569	1,711	2.01	3,439	22,422
Frontenac.....	647	1.35	873	9,725	1,823	1.98	3,610	23,393
Glenarry.....	841	1.38	1,161	12,945	2,181	2.05	4,475	28,909
Grenville.....	342	1.39	475	5,273	1,795	2.11	3,787	24,853
Lanark.....	1,269	1.41	1,789	19,679	3,169	2.06	6,528	41,975
Leeds.....	691	1.37	948	10,589	1,808	2.00	3,616	23,396
Lennox & Addington.....	838	1.38	1,156	12,866	3,387	2.05	6,943	45,338
Prescott.....	1,485	1.35	2,099	23,498	1,605	2.02	3,242	21,338
Renfrew.....	1,077	1.42	1,529	16,972	3,271	2.04	6,673	43,308
Russell.....	622	1.41	877	9,761	1,554	2.09	3,246	21,099
Stormont.....	663	1.40	928	10,338	1,289	2.10	2,707	17,628
Eastern Ontario	9,707	1.39	13,481	150,048	26,660	2.05	54,653	355,245
Algoma.....	66	1.40	92	1,178	286	1.95	558	4,140
Cochrane.....	175	1.35	236	3,014	369	1.90	701	5,180
Kenora.....	613	1.31	803	10,270	51	1.88	96	707
Manitoulin.....	324	1.39	450	5,728	1,846	1.94	3,576	26,462
Nipissing.....	568	1.29	733	9,353	584	1.91	1,115	8,240
Rainy River.....	1,290	1.33	1,716	22,016	392	1.87	733	5,402
Sudbury.....	881	1.35	1,189	15,195	1,126	1.96	2,207	16,330
Thunder Bay.....	919	1.35	1,241	15,897	612	1.86	1,138	8,444
Timiskaming.....	2,266	1.32	2,986	38,258	695	1.90	1,321	9,788
Northern Ontario	7,102	1.33	9,446	120,909	5,961	1.92	11,445	84,693
The Province, 1942	36,500	1.43	52,000	509,000	182,000	2.15	391,000	2,389,000

ALFALFA AND HAY AND CLOVER

TABLE XV.—Showing by County Municipalities of Ontario the area, produce and market value of Alfalfa, Hay and Clover for the year 1943.

Counties and Districts	Alfalfa				Hay and Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				\$				\$
Brant.....	10,281	2.81	28,890	245,565	19,648	2.20	43,226	325,492
Elgin.....	16,205	2.90	46,995	417,785	42,733	2.19	93,585	717,797
Essex.....	16,561	2.95	48,855	486,107	17,503	1.92	33,606	315,224
Haldimand.....	35,155	2.62	92,106	881,454	27,050	1.78	48,149	410,229
Kent.....	22,422	3.10	69,508	630,438	23,103	2.30	53,137	443,163
Lambton.....	32,430	3.08	99,884	927,158	38,421	2.08	79,916	616,152
Lincoln.....	18,185	2.85	51,827	475,254	19,084	2.15	41,031	372,151
Middlesex.....	27,458	3.00	82,374	691,118	75,153	2.18	164,180	1,282,562
Norfolk.....	13,805	2.70	37,274	344,784	28,407	1.92	54,541	495,232
Oxford.....	13,114	2.88	37,768	349,354	62,375	2.17	135,354	1,131,559
Welland.....	11,471	2.52	28,907	258,140	33,230	1.56	51,839	409,528
Wentworth.....	14,223	2.91	41,389	382,848	28,018	2.10	58,838	474,234
Southern Ontario	231,310	2.88	665,777	6,090,005	414,725	2.07	857,402	6,993,323
Bruce.....	28,840	2.50	72,100	642,677	95,460	1.80	164,191	1,236,358
Dufferin.....	6,265	2.63	16,477	149,941	52,843	2.20	116,255	930,040
Grey.....	45,698	2.64	120,838	1,062,166	134,304	1.90	255,178	1,839,833
Halton.....	19,052	2.60	49,535	445,815	23,392	2.20	51,462	433,825
Huron.....	23,295	2.74	63,828	585,942	93,407	2.15	200,825	1,540,328
Peel.....	25,778	2.75	70,890	664,239	29,776	2.15	64,018	544,153
Perth.....	11,274	2.58	29,087	273,709	83,197	2.08	173,050	1,382,925
Simcoe.....	22,565	2.62	59,120	549,225	92,065	2.12	195,178	1,721,470
Waterloo.....	8,642	2.83	24,457	221,825	43,166	2.14	92,375	724,220
Wellington.....	20,004	2.77	55,411	515,322	101,223	2.00	202,446	1,620,424
Western Ontario	211,413	2.66	561,743	5,110,861	748,833	2.02	1,514,978	11,973,576
Durham.....	11,531	2.78	32,056	317,033	41,308	2.06	85,094	737,765
Haliburton.....	229	2.20	504	6,602	9,995	1.46	11,694	149,683
Hastings.....	32,441	2.90	94,079	846,711	60,690	2.23	135,339	1,066,471
Muskoka.....	106	2.02	214	2,461	26,840	1.58	42,407	466,477
Northumberland.....	23,115	2.95	68,189	631,430	43,058	2.30	99,033	788,303
Ontario.....	20,432	2.97	60,683	596,514	55,902	2.21	123,543	1,111,887
Parry Sound.....	173	2.05	355	4,526	32,433	1.52	49,298	618,690
Peterborough.....	11,584	2.78	32,204	305,938	41,043	1.99	81,676	637,073
Prince Edward.....	11,498	2.50	28,745	258,705	25,713	1.89	48,598	364,485
Victoria.....	13,960	2.66	37,134	352,773	58,725	2.00	117,450	1,018,292
York.....	39,192	2.91	114,049	1,186,189	48,971	1.94	95,004	855,036
Central Ontario	164,261	2.85	468,212	4,508,882	444,678	2.00	889,136	7,814,162
Carleton.....	16,783	2.87	48,167	602,088	86,312	1.90	163,992	1,984,303
Dundas.....	7,674	2.37	18,187	200,057	45,915	1.65	75,760	750,782
Frontenac.....	12,936	2.37	30,658	327,121	64,411	1.80	115,940	1,031,866
Glenarry.....	7,185	2.42	17,388	215,611	49,281	1.80	88,706	980,201
Grenville.....	6,136	2.38	14,604	160,644	45,934	1.72	79,466	768,436
Lanark.....	21,048	2.54	53,462	609,735	59,548	1.93	114,928	1,235,476
Leeds.....	12,608	2.61	32,907	355,396	64,032	2.00	128,064	1,280,640
Lennox & Addington.....	21,153	2.73	57,748	575,747	51,908	2.13	110,564	880,089
Prescott.....	2,548	2.44	6,217	71,496	57,375	1.65	94,669	104,136
Renfrew.....	22,150	2.63	58,255	648,670	73,644	1.87	137,714	1,560,300
Russell.....	3,160	2.41	7,616	93,676	42,556	1.31	55,748	681,798
Stormont.....	5,332	2.60	13,863	161,365	42,782	1.74	74,441	843,417
Eastern Ontario	138,713	2.59	359,072	4,021,606	683,698	1.81	1,239,992	12,101,444
Algonia.....	903	2.50	2,258	28,225	27,175	1.46	39,676	402,315
Cochrane.....	245	2.00	490	7,546	13,006	.98	12,746	192,465
Kenora.....	178	1.90	338	4,934	6,133	1.24	7,605	106,470
Manitoulin.....	3,907	2.06	8,048	73,236	19,970	1.43	28,557	244,448
Nipissing.....	382	2.05	783	11,275	29,618	1.60	47,389	663,446
Rainy River.....	9,300	2.10	19,530	296,291	16,523	1.55	25,611	338,065
Sudbury.....	181	2.13	386	5,500	28,267	1.37	38,726	544,487
Thunder Bay.....	1,802	1.92	3,460	48,094	27,553	1.41	38,850	512,820
Timiskaming.....	405	2.23	903	13,545	28,821	1.33	38,332	597,799
Northern Ontario	17,303	2.09	36,196	488,646	197,066	1.41	277,492	3,602,495
The Province, 1942.	763,000	2.74	2,091,000	20,220,000	2,489,000	1.92	4,779,000	42,485,000

MANGELS AND ALL FIELD CROPS

TABLE XVI.—Showing by County Municipalities of Ontario the area, produce and market value of Mangels and all Field Crops enumerated in Tables VII to XVI for the year 1942.

Counties and Districts	Mangels				All Field Crops		
	Acres	Per acre	Bushels	Market value	Acres	Value	Per acre
Brant.....	371	463	171,773	\$ 27,484	116,395	\$ 2,618,487	\$ c. 22.50
Elgin.....	122	451	55,022	8,804	192,506	4,629,280	24.05
Essex.....	242	463	112,046	17,927	269,497	8,915,897	33.08
Haldimand.....	40	448	17,920	2,867	144,020	2,989,210	20.76
Kent.....	188	443	83,284	13,325	354,420	10,848,852	30.61
Lambton.....	353	450	158,850	25,446	298,073	7,512,562	25.20
Lincoln.....	114	441	50,274	8,044	78,062	1,784,802	22.86
Middlesex.....	734	454	333,236	53,318	328,127	8,386,382	25.56
Norfolk.....	118	446	52,628	8,420	130,402	2,842,322	21.80
Oxford.....	1,260	448	563,941	90,234	256,390	6,224,564	24.28
Welland.....	67	443	29,681	4,748	92,011	1,718,622	18.68
Wentworth.....	432	448	193,536	30,966	127,004	3,005,030	23.66
Southern Ontario	4,041	451	1,822,191	291,583	2,386,907	61,476,010	25.76
Bruce.....	605	464	280,720	47,722	320,579	6,427,631	20.05
Dufferin.....	266	466	123,956	21,072	160,176	3,365,724	21.01
Grey.....	998	461	460,078	78,213	410,266	7,905,974	19.27
Halton.....	257	466	119,762	20,360	112,379	2,591,729	23.06
Huron.....	1,364	461	628,804	106,897	366,149	8,134,436	22.22
Peel.....	230	466	107,180	18,221	140,371	3,207,904	22.85
Perth.....	1,614	462	745,668	126,763	376,974	8,551,286	22.68
Simcoe.....	948	463	438,924	74,617	374,890	8,857,799	23.63
Waterloo.....	1,675	461	772,242	131,281	191,638	4,633,086	24.18
Wellington.....	1,301	461	599,762	101,960	323,208	6,876,896	21.28
Western Ontario	9,258	462	4,277,096	727,106	2,776,630	60,552,465	21.81
Durham.....	427	448	191,296	25,868	162,320	3,445,397	21.23
Haliburton.....	2	443	886	145	17,907	296,867	16.58
Hastings.....	49	451	22,099	2,873	211,492	4,551,767	21.52
Muskoka.....	27	451	12,177	1,587	37,424	724,656	19.36
Northumberland.....	292	454	132,568	17,234	188,929	4,207,114	22.27
Ontario.....	1,288	458	589,904	78,688	231,999	5,237,808	22.58
Parry Sound.....	26	443	11,518	1,497	55,097	1,116,590	20.27
Peterborough.....	281	453	127,293	18,648	129,307	2,731,655	21.13
Prince Edward.....	58	449	26,042	3,385	92,714	1,638,722	17.68
Victoria.....	464	448	208,027	29,044	179,354	3,518,206	19.62
York.....	1,648	463	763,024	99,993	275,579	7,076,412	25.68
Central Ontario	4,562	457	2,084,834	278,962	1,582,122	34,545,194	21.83
Carleton.....	128	399	51,071	9,706	229,773	6,086,535	26.49
Dundas.....	30	399	11,970	2,274	118,071	2,698,340	22.85
Frontenac.....	21	397	8,337	1,584	108,143	2,130,297	19.70
Glengarry.....	38	400	15,200	2,888	119,666	2,466,900	20.61
Grenville.....	17	396	6,732	1,279	94,787	1,851,863	19.54
Lanark.....	44	402	17,688	3,360	143,267	3,227,091	22.53
Leeds.....	68	403	27,404	5,206	142,187	3,232,903	22.74
Lennox & Addington.....	52	398	20,696	3,932	139,970	2,822,774	20.17
Prescott.....	40	396	15,840	3,009	137,662	1,658,654	12.05
Renfrew.....	56	400	22,400	4,256	212,734	4,736,731	22.27
Russell.....	96	393	37,728	7,168	112,005	2,417,646	21.59
Stormont.....	25	389	9,725	1,848	100,411	2,154,568	21.46
Eastern Ontario	615	398	244,791	46,510	1,658,676	35,484,302	21.39
Algoma.....	30	360	10,800	2,376	52,982	1,100,445	20.77
Cochrane.....	19	361	6,859	1,509	32,741	897,504	27.41
Kenora.....	3	359	1,077	237	14,881	348,658	23.43
Manitoulin.....	52	363	18,876	4,153	40,546	722,776	17.83
Nipissing.....	16	362	5,792	1,274	52,676	1,283,911	24.37
Rainy River.....	32	361	11,552	2,540	46,054	1,114,182	24.19
Sudbury.....	18	360	6,480	1,426	51,571	1,337,455	25.93
Thunder Bay.....	29	364	10,548	2,321	42,729	1,181,608	27.65
Timiskaming.....	25	364	9,104	2,003	63,285	1,500,490	23.71
Northern Ontario	224	362	81,088	17,839	397,465	9,487,029	23.87
The Province, 1942..	18,700	455	8,510,000	1,362,000	8,801,800	201,545,000	22.90

PASTURE AND SOY BEANS

TABLE XVII.—Showing by County Municipalities the area in Cleared Pasture and Soy Beans in 1942.

Counties and Districts	Cleared Pasture	Soy Beans			
		Acres	Per Acre	Bushels	Market Value
					\$
Brant.....	24,995	325	18.5	6,013	10,583
Elgin.....	65,122	2,142	21.4	45,839	80,218
Essex.....	27,766	7,535	23.0	173,305	299,339
Haldimand.....	26,357	119	20.0	2,380	4,165
Kent.....	58,760	12,222	25.2	307,917	535,776
Lambton.....	112,058	2,578	19.2	49,498	85,136
Lincoln.....	14,660	496	20.0	9,920	17,360
Middlesex.....	156,212	3,178	20.5	65,149	113,359
Norfolk.....	31,796	3,596	21.0	75,516	131,398
Oxford.....	68,174	654	21.0	13,734	23,760
Welland.....	22,237	241	20.1	4,844	8,477
Wentworth.....	23,446	152	20.0	3,040	5,320
Southern Ontario.....	631,583	33,238	22.8	757,155	1,314,891
Bruce.....	128,880	247	20.5	5,064	8,508
Dufferin.....	51,327	33	19.4	640	1,094
Grey.....	131,589	174	18.6	3,236	5,468
Halton.....	23,858	88	19.1	1,681	2,891
Huron.....	140,348	2,849	18.8	53,561	91,269
Peel.....	40,191	297	19.5	5,792	9,731
Perth.....	77,514	391	21.5	8,407	14,208
Simcoe.....	89,252	382	20.6	7,869	13,456
Waterloo.....	24,340	235	20.0	4,700	7,990
Wellington.....	73,609	153	19.1	2,922	4,967
Western Ontario.....	780,908	4,849	19.4	93,872	159,582
Durham.....	57,294	165	18.4	3,036	5,192
Haliburton.....	9,343	218	18.0	3,924	6,592
Hastings.....	87,141	127	18.5	2,350	3,972
Muskoka.....	17,627	6	17.6	106	178
Northumberland.....	62,773	163	19.1	3,113	5,323
Ontario.....	60,336	517	17.0	8,789	14,970
Parry Sound.....	17,796	8	17.1	137	232
Peterborough.....	52,604	39	19.2	749	1,273
Prince Edward.....	36,965	42	17.2	722	1,242
Victoria.....	56,349	22	17.9	394	670
York.....	47,368	518	18.0	9,324	15,851
Central Ontario.....	505,596	1,825	17.9	32,644	55,495
Carleton.....	83,123	233	20.0	4,660	7,875
Dundas.....	39,682	67	19.3	1,293	2,159
Frontenac.....	69,060	29	18.5	537	908
Glengarry.....	40,858	199	17.1	3,403	5,789
Grenville.....	41,053	150	17.5	2,625	4,463
Lanark.....	100,834	123	18.6	2,288	3,890
Leeds.....	91,339	50	19.2	960	1,632
Lennox and Addington.....	59,677	390	17.1	6,669	11,271
Prescott.....	49,691	41	17.0	697	1,178
Renfrew.....	80,896	58	18.2	1,056	1,764
Russell.....	30,080	123	17.0	2,091	3,492
Stormont.....	39,821	54	17.2	929	1,561
Eastern Ontario.....	726,114	1,517	17.9	27,208	45,982
Algoma.....	11,161	8	17.6	141	237
Cochrane.....	4,027	2	18.1	36	59
Kenora.....	1,375	4	18.1	72	118
Manitoulin.....	10,886	3	19.0	57	95
Nipissing.....	11,024	9	18.3	165	272
Rainy River.....	7,885	20	19.2	384	630
Sudbury.....	10,859	6	17.7	106	176
Thunder Bay.....	5,605	5	17.5	88	144
Timiskaming.....	9,977	4	17.9	72	119
Northern Ontario.....	72,799	61	18.4	1,121	1,850
The Province, 1942.....	2,717,000	41,490	22.0	912,000	1,577,800

HORSES ON HAND

TABLE XVIII.—Showing by County Municipalities the number and value of Horses on hand June 1st, 1942.

Counties and Districts	Stallions, 2 yrs. old and over	Mares, 2 yrs. old and over	Geldings, 2 yrs. old and over	Colts and Fillies, under 2 years	Total Horses	
					Number	Value
						\$
Brant.....	44	3,767	3,340	1,241	8,392	704,928
Elgin.....	51	5,548	5,292	1,402	12,293	1,044,905
Essex.....	70	6,293	6,486	1,396	14,245	1,239,315
Haldimand.....	30	3,765	3,362	1,081	8,238	724,944
Kent.....	60	8,049	7,742	2,002	17,853	1,517,505
Lambton.....	76	7,523	6,348	2,067	16,014	1,297,134
Lincoln.....	22	3,094	2,462	341	5,919	520,872
Middlesex.....	130	10,397	8,685	2,914	22,126	1,770,080
Norfolk.....	46	4,366	4,803	705	9,920	882,880
Oxford.....	70	7,195	6,810	1,601	15,676	1,348,136
Welland.....	21	2,587	2,324	615	5,547	493,683
Wentworth.....	42	3,822	3,778	740	8,382	737,616
Southern Ontario.....	662	66,406	61,432	16,105	144,605	12,281,998
Bruce.....	128	8,898	7,782	2,528	19,336	1,624,224
Dufferin.....	45	4,337	3,873	1,716	9,971	807,651
Grey.....	75	10,965	9,759	3,011	23,810	2,119,090
Halton.....	32	2,510	2,702	600	5,844	543,492
Huron.....	96	9,904	8,925	2,536	21,461	1,824,185
Peel.....	55	3,694	3,160	1,115	8,024	754,256
Perth.....	63	8,533	7,724	2,212	18,532	1,556,688
Simcoe.....	96	9,906	8,219	2,441	20,662	1,942,228
Waterloo.....	63	5,529	5,083	1,379	12,054	1,048,698
Wellington.....	78	8,875	7,935	2,257	19,145	1,608,180
Western Ontario.....	731	73,151	65,162	19,795	158,839	13,828,692
Durham.....	51	4,548	3,912	1,188	9,699	863,210
Haliburton.....	24	520	658	119	1,321	130,779
Hastings.....	70	5,738	5,412	1,510	12,730	1,158,430
Muskoka.....	15	901	927	143	1,986	198,600
Northumberland.....	60	5,364	4,915	1,352	11,691	1,028,808
Ontario.....	97	6,583	5,326	1,378	13,384	1,231,328
Parry Sound.....	27	1,673	1,720	357	3,777	438,132
Peterborough.....	40	3,629	4,154	965	8,788	729,404
Prince Edward.....	23	2,877	2,401	593	5,894	548,142
Victoria.....	56	4,318	4,116	1,087	9,577	785,314
York.....	115	7,038	6,482	1,715	15,350	1,519,650
Central Ontario.....	578	43,189	40,023	10,407	94,197	8,631,797
Carleton.....	70	5,932	5,348	1,793	13,143	1,261,728
Dundas.....	34	3,345	2,996	994	7,369	685,317
Frontenac.....	27	3,815	3,375	1,027	8,244	733,716
Glenarry.....	45	3,331	3,284	989	7,649	734,304
Grenville.....	11	2,623	2,385	726	5,745	568,755
Lanark.....	50	4,051	3,592	1,110	8,803	853,891
Leeds.....	44	4,076	3,897	981	8,998	854,810
Lennox and Addington.....	23	3,465	3,258	862	7,608	707,544
Prescott.....	66	3,439	3,210	1,056	7,771	746,016
Renfrew.....	61	6,597	5,722	1,781	14,161	1,401,649
Russell.....	57	2,745	2,493	1,002	6,297	617,106
Stormont.....	59	2,736	2,601	850	6,246	612,108
Eastern Ontario.....	547	46,155	42,161	13,171	102,034	9,776,944
Algoma.....	23	1,585	1,794	486	3,888	462,672
Cochrane.....	43	1,412	2,139	186	3,780	480,060
Kenora.....	7	346	648	24	1,025	128,125
Manitoulin.....	13	1,415	1,281	372	3,081	332,748
Nipissing.....	20	1,410	1,506	365	3,301	406,023
Rainy River.....	34	1,214	1,365	240	2,853	336,654
Sudbury.....	37	1,307	1,695	318	3,357	386,055
Thunder Bay.....	9	755	1,520	60	2,344	271,904
Timiskaming.....	33	1,535	1,712	392	3,672	455,328
Northern Ontario.....	219	10,979	13,660	2,443	27,301	3,259,569
The Province, 1942.....	2,737	239,880	222,438	61,921	526,976	47,779,000

CATTLE ON HAND

TABLE XIX.—Showing by County Municipalities the number of Cattle on hand, June 1st, 1942.

Counties and Districts	Bulls for breeding	Cows for milk purposes	Cows for beef purposes	Yearlings for milk purposes	Yearlings for beef purposes	Calves	All other cattle
Brant.....	838	14,410	856	3,990	2,759	6,318	1,249
Elgin.....	1,401	25,773	1,668	6,136	4,541	12,357	3,887
Essex.....	658	18,651	436	4,465	921	6,847	402
Haldimand.....	779	14,394	822	4,106	2,935	8,287	966
Kent.....	815	18,332	2,944	4,715	5,961	13,007	6,009
Lambton.....	1,294	26,959	4,116	6,026	14,568	22,463	7,662
Lincoln.....	441	9,060	414	2,018	661	3,921	237
Middlesex.....	2,368	43,918	6,827	10,313	18,732	26,932	15,335
Norfolk.....	760	14,448	165	4,191	1,420	5,973	289
Oxford.....	2,692	47,998	1,563	14,936	4,711	18,167	2,446
Welland.....	442	9,031	486	1,882	563	3,338	90
Wentworth.....	839	16,997	542	4,244	1,881	7,065	551
Southern Ontario	13,327	259,971	20,839	67,022	59,653	134,675	39,123
Bruce.....	1,824	34,268	7,826	6,783	24,770	30,884	12,073
Dufferin.....	695	14,975	2,561	3,129	10,736	11,896	4,349
Grey.....	2,661	43,321	6,694	8,182	27,784	33,842	16,073
Halton.....	867	13,769	635	3,995	2,482	7,128	524
Huron.....	1,953	38,961	6,827	8,395	23,741	32,887	11,550
Peel.....	1,094	19,612	853	5,466	3,354	9,051	2,065
Perth.....	2,264	40,192	2,609	10,771	14,469	25,563	4,239
Simcoe.....	1,528	36,844	2,994	8,276	16,085	24,501	6,005
Waterloo.....	1,265	22,263	855	5,904	4,403	12,456	1,871
Wellington.....	1,871	31,420	5,176	6,785	18,472	24,926	7,259
Western Ontario	16,022	295,625	37,030	67,686	146,296	213,134	66,008
Durham.....	802	16,124	2,858	4,063	5,729	12,989	2,518
Haliburton.....	126	3,131	162	662	584	2,195	183
Hastings.....	2,186	37,855	799	9,124	2,171	17,355	1,025
Muskoka.....	242	5,137	269	1,086	868	2,712	241
Northumberland.....	1,238	23,621	1,030	6,548	3,229	11,446	1,382
Ontario.....	1,597	26,331	3,609	6,425	8,021	16,978	3,036
Parry Sound.....	486	10,191	853	2,241	2,557	6,978	820
Peterborough.....	927	17,939	936	4,781	4,043	10,013	1,722
Prince Edward.....	739	12,064	227	3,881	1,251	5,622	38
Victoria.....	836	17,664	3,328	4,249	9,539	12,915	4,938
York.....	1,947	34,704	1,459	8,302	3,253	13,228	1,152
Central Ontario	11,126	204,761	15,530	51,362	41,245	112,431	17,055
Carleton.....	1,943	39,268	1,576	10,285	4,735	16,957	4,481
Dundas.....	1,654	28,501	146	7,715	312	7,683	14
Frontenac.....	1,514	27,786	674	6,134	1,703	9,760	701
Glengarry.....	1,816	29,084	179	7,226	262	7,812	26
Grenville.....	795	17,996	261	4,849	200	5,438	182
Lanark.....	1,229	24,867	2,041	5,984	6,927	15,513	3,334
Leeds.....	1,846	34,989	229	9,220	494	11,654	201
Lennox & Addington.....	1,068	20,008	621	5,011	2,234	8,403	920
Prescott.....	1,810	25,070	243	6,309	659	8,305	87
Renfrew.....	1,803	29,266	2,123	6,868	10,137	20,485	4,944
Russell.....	1,610	22,789	112	6,091	631	8,372	72
Stormont.....	1,548	24,817	194	5,875	340	6,209	12
Eastern Ontario	18,636	324,441	8,399	81,567	28,634	126,591	14,974
Algoma.....	353	8,468	892	2,035	1,703	5,109	529
Cochrane.....	759	7,751	168	2,305	715	4,712	150
Kenora.....	112	1,843	59	499	89	984	25
Manitoulin.....	251	6,852	1,065	1,292	3,890	5,629	1,214
Nipissing.....	794	9,805	253	2,638	1,111	6,291	304
Rainy River.....	301	5,254	236	1,520	901	3,528	167
Sudbury.....	857	9,325	324	2,498	920	5,871	186
Thunder Bay.....	305	6,573	102	1,682	423	3,926	29
Timiskaming.....	684	9,252	358	2,634	1,274	6,139	131
Northern Ontario	4,416	65,123	3,457	17,103	11,026	42,189	2,735
The Province, 1942	63,527	1,149,921	85,255	284,740	286,854	629,020	139,895

TOTAL CATTLE AND SHEEP AND LAMBS ON HAND

TABLE XX.—Showing by County Municipalities the number and value of Cattle on hand, June 1st, 1942.

Counties and Districts	Total Cattle		Sheep and Lambs		
	Number	Value	Ewes 1 year and over	Rams 1 year and over	Lambs Under 1 year
		\$			
Brant	30,420	1,863,225	2,207	95	1,967
Elgin	55,763	2,961,015	6,471	212	5,738
Essex	32,380	1,779,604	1,932	98	1,902
Haldimand	32,289	1,654,811	4,791	168	4,962
Kent	51,783	2,464,871	3,017	374	2,848
Lambton	83,088	4,013,150	10,139	480	10,698
Lincoln	16,752	881,155	2,241	127	2,049
Middlesex	124,425	6,843,375	8,645	874	8,998
Norfolk	27,246	1,593,891	1,558	87	1,472
Oxford	92,513	5,134,471	3,270	143	3,009
Welland	15,832	797,933	979	34	1,031
Wentworth	32,119	2,055,616	2,427	168	2,392
Southern Ontario	594,610	32,043,117	47,677	2,860	47,066
Bruce	118,428	6,939,881	14,833	645	16,864
Dufferin	48,341	2,194,681	11,946	454	13,287
Grey	138,557	6,054,941	31,532	1,159	31,929
Halton	29,400	1,081,920	3,802	164	4,370
Huron	124,314	5,842,758	8,781	432	8,992
Peel	41,495	2,394,262	4,510	182	4,827
Perth	100,107	4,735,061	3,237	158	3,413
Simcoe	96,233	4,234,252	17,809	743	17,618
Waterloo	49,017	2,646,918	1,357	65	1,528
Wellington	95,909	4,747,496	12,866	576	13,655
Western Ontario	841,801	40,872,170	110,673	4,578	116,483
Durham	45,083	2,141,442	9,784	473	10,612
Haliburton	7,043	267,634	819	67	810
Hastings	70,515	2,714,827	9,138	468	10,106
Muskoka	10,555	417,978	1,316	94	1,375
Northumberland	48,494	2,060,995	5,006	264	5,157
Ontario	65,997	3,497,841	12,965	574	13,395
Parry Sound	24,126	950,564	3,847	251	3,963
Peterborough	40,361	1,763,776	5,111	248	5,427
Prince Edward	23,822	1,138,692	2,670	108	2,988
Victoria	53,469	2,336,595	12,639	502	13,207
York	64,045	3,872,903	7,996	347	7,295
Central Ontario	453,510	21,163,247	71,291	3,396	74,335
Carleton	79,245	3,470,931	8,612	271	9,119
Dundas	46,025	2,273,605	847	51	892
Frontenac	48,272	1,955,016	4,636	227	4,540
Glengarry	46,405	2,074,303	1,507	69	1,410
Grenville	29,721	1,182,896	3,819	126	3,876
Lanark	59,895	2,455,695	14,575	688	15,922
Leeds	58,633	2,521,211	4,948	163	5,223
Lennox and Addington	38,265	1,744,884	3,115	118	3,037
Prescott	42,483	1,784,286	1,159	114	1,184
Renfrew	75,626	2,798,162	23,347	1,198	23,840
Russell	39,677	1,626,757	1,584	75	1,647
Stormont	38,995	1,910,755	935	40	781
Eastern Ontario	603,242	25,798,501	69,084	3,140	71,471
Algoma	19,089	820,827	3,697	181	3,642
Cochrane	16,560	712,080	1,389	130	950
Kenora	3,611	133,607	347	23	275
Manitoulin	20,193	888,492	9,081	392	9,994
Nipissing	21,196	763,056	2,929	265	2,841
Rainy River	11,907	440,559	7,512	285	8,135
Sudbury	19,981	719,316	1,409	75	1,206
Thunder Bay	13,040	495,520	1,553	118	1,302
Timiskaming	20,472	798,408	4,588	158	4,373
Northern Ontario	146,049	5,771,865	32,505	1,627	32,718
The Province, 1942	2,639,212	125,648,900	331,230	15,601	342,073

TOTAL SHEEP AND SWINE ON HAND

TABLE XXI.—Showing by County Municipalities the number and value of Swine on hand, June 1st, 1942.

Counties and Districts	Total Sheep and Lambs		Swine		Total Swine	
	Number	Value	Six months and over	Under six months	Number	Value
		\$				\$
Brant.....	4,269	40,982	3,834	17,582	21,416	261,275
Elgin.....	12,421	111,789	10,721	38,994	49,715	546,865
Essex.....	3,932	34,602	22,044	57,735	79,779	797,790
Haldimand.....	9,921	84,328	5,331	23,249	28,580	342,960
Kent.....	6,239	59,271	28,352	77,558	105,910	1,165,010
Lambton.....	21,317	204,643	13,811	60,334	74,145	815,595
Lincoln.....	4,417	41,962	2,155	8,902	11,057	132,684
Middlesex.....	18,517	174,060	11,929	60,008	71,937	848,856
Norfolk.....	3,117	28,053	4,303	17,822	22,125	243,375
Oxford.....	6,422	54,587	10,458	53,411	63,869	766,428
Welland.....	2,044	17,578	2,056	7,228	9,284	102,124
Wentworth.....	4,987	43,886	5,157	20,237	25,394	279,334
Southern Ontario.....	97,603	895,741	120,151	443,060	563,211	6,302,296
Bruce.....	32,342	307,249	11,018	64,310	75,328	922,768
Dufferin.....	25,687	231,183	7,277	28,124	35,401	437,202
Grey.....	64,620	581,580	15,075	71,068	86,143	1,033,716
Halton.....	8,336	75,858	3,602	14,606	18,208	218,496
Huron.....	18,205	167,486	16,958	81,674	98,632	1,203,310
Peel.....	9,519	83,767	5,124	23,829	28,953	347,436
Perth.....	6,808	59,230	17,253	85,644	102,897	1,193,605
Simcoe.....	36,170	325,530	18,368	75,412	93,780	1,172,250
Waterloo.....	2,950	27,140	12,014	54,856	66,870	802,440
Wellington.....	27,097	243,873	14,743	67,892	82,635	1,012,279
Western Ontario.....	231,734	2,102,896	121,432	567,415	688,847	8,343,502
Durham.....	20,869	166,952	5,958	22,967	28,925	358,670
Haliburton.....	1,696	12,550	348	1,025	1,373	13,730
Hastings.....	19,712	143,898	8,639	38,104	46,743	495,475
Muskoka.....	2,785	22,280	502	1,794	2,296	25,945
Northumberland.....	10,427	85,506	5,761	28,756	34,517	400,397
Ontario.....	26,934	226,246	9,482	41,228	50,710	608,520
Parry Sound.....	8,061	56,427	1,001	3,812	4,813	49,815
Peterborough.....	10,786	86,288	3,132	16,589	19,721	216,931
Prince Edward.....	5,766	48,434	2,536	12,865	15,401	194,053
Victoria.....	26,348	216,054	6,168	24,068	30,236	332,596
York.....	15,638	140,742	15,229	55,053	70,282	843,384
Central Ontario.....	149,022	1,205,377	58,756	246,261	305,017	3,539,516
Carleton.....	18,002	144,016	5,485	27,119	32,604	335,821
Dundas.....	1,790	14,857	3,546	14,938	18,484	203,324
Frontenac.....	9,403	75,224	3,225	14,593	17,818	185,307
Glengarry.....	2,986	23,888	4,207	18,126	22,333	243,430
Grenville.....	7,821	58,658	2,386	7,833	10,219	112,409
Lanark.....	31,185	249,480	2,624	13,668	16,292	162,920
Leeds.....	10,334	83,705	3,314	15,256	18,570	185,700
Lennox and Addington.....	6,270	51,414	3,571	17,582	21,153	232,683
Prescott.....	2,457	17,199	5,100	23,569	28,669	286,690
Renfrew.....	48,385	338,695	5,321	22,995	28,316	283,160
Russell.....	3,306	27,109	4,003	17,612	21,615	216,150
Stormont.....	1,756	14,048	3,692	16,985	20,677	206,770
Eastern Ontario.....	143,695	1,098,293	46,474	210,276	256,750	2,654,364
Algoma.....	7,520	57,904	985	4,361	5,346	53,460
Cochrane.....	2,469	21,480	1,502	4,946	6,448	77,376
Kenora.....	645	4,773	327	662	989	10,879
Manitoulin.....	19,467	149,896	745	3,554	4,299	38,691
Nipissing.....	6,035	42,848	1,651	6,092	7,743	72,010
Rainy River.....	15,932	111,524	1,139	3,514	4,653	41,877
Sudbury.....	2,690	20,713	1,948	6,281	8,229	82,290
Thunder Bay.....	2,973	20,811	1,028	3,017	4,045	44,495
Timiskaming.....	9,119	64,744	1,145	4,576	5,721	57,210
Northern Ontario.....	66,850	494,693	10,470	37,003	47,473	478,288
The Province, 1942..	688,904	5,797,000	357,283	1,504,015	1,861,298	21,317,966

POULTRY ON HAND

TABLE XXII.—Showing by County Municipalities the number and value of Poultry on hand, June 1st, 1942.

Counties and Districts	Turkeys	Geese	Ducks	Other Fowls	Total Poultry	
					Number	Value
						\$
Brant.....	4,282	3,220	4,041	477,617	489,160	322,846
Elgin.....	25,528	4,746	6,726	545,332	582,332	308,636
Essex.....	16,909	7,367	18,802	783,229	826,307	413,154
Haldimand.....	21,639	3,315	5,666	552,937	583,557	320,956
Kent.....	14,094	8,346	36,359	1,074,698	1,133,497	578,083
Lambton.....	61,908	12,232	22,061	1,241,252	1,337,453	668,726
Lincoln.....	12,163	1,726	6,935	342,433	363,257	217,954
Middlesex.....	70,070	13,647	21,799	1,087,964	1,193,480	620,610
Norfolk.....	9,357	2,600	4,654	461,461	478,072	262,940
Oxford.....	4,729	6,173	11,850	751,074	773,826	425,604
Welland.....	9,115	1,686	5,878	295,746	312,425	181,206
Wentworth.....	5,676	3,478	4,625	496,170	509,949	316,168
Southern Ontario....	255,470	68,536	149,396	8,109,913	8,583,315	4,636,883
Bruce.....	30,405	9,409	7,636	753,814	801,264	392,619
Dufferin.....	1,465	10,600	3,483	372,501	388,049	244,471
Grey.....	12,415	16,933	11,713	740,161	781,222	390,611
Halton.....	5,587	4,033	15,972	400,961	426,553	251,666
Huron.....	15,092	15,651	18,209	1,045,171	1,094,123	536,120
Peel.....	10,329	7,389	21,519	486,147	525,384	299,468
Perth.....	5,315	11,986	12,814	880,942	911,057	455,528
Simcoe.....	29,614	17,578	8,794	662,776	718,762	388,131
Waterloo.....	3,698	4,567	4,451	615,500	628,216	339,236
Wellington.....	2,867	15,693	9,373	852,410	880,343	457,778
Western Ontario....	116,787	113,839	113,964	6,810,383	7,154,973	3,755,628
Durham.....	7,352	7,031	5,041	392,448	411,872	218,292
Haliburton.....	2,389	330	148	25,333	28,200	17,202
Hastings.....	13,155	4,885	1,724	361,187	380,951	198,094
Muskoka.....	1,277	424	425	56,179	58,305	39,647
Northumberland.....	8,996	4,791	2,546	517,371	533,704	250,841
Ontario.....	10,779	9,633	6,066	584,554	611,032	336,068
Parry Sound.....	3,248	1,358	419	82,658	87,683	61,378
Peterborough.....	12,408	4,473	1,677	300,951	319,509	162,950
Prince Edward.....	1,894	1,432	1,458	238,195	242,979	136,068
Victoria.....	13,124	8,733	3,437	360,801	386,095	193,047
York.....	17,696	12,632	12,516	844,709	887,553	523,656
Central Ontario....	92,318	55,722	35,457	3,764,386	3,947,883	2,137,243
Carleton.....	22,934	8,682	6,912	534,222	572,750	297,830
Dundas.....	5,765	4,755	3,266	395,522	409,308	212,840
Frontenac.....	29,992	2,057	2,501	240,783	275,333	143,173
Glengarry.....	13,448	932	679	221,550	236,609	130,135
Grenville.....	7,149	2,014	2,719	219,129	231,011	117,816
Lanark.....	25,494	2,477	566	278,514	307,051	162,737
Leeds.....	21,868	2,520	4,216	294,475	323,079	174,463
Lennox and Addington.....	10,966	2,259	2,819	338,781	354,825	166,768
Prescott.....	9,156	2,155	819	247,636	259,766	124,688
Renfrew.....	25,619	5,296	624	372,096	403,635	197,781
Russell.....	937	4,142	1,089	203,680	209,848	104,924
Stormont.....	7,493	1,832	739	388,237	398,301	199,151
Eastern Ontario....	180,821	39,121	26,949	3,734,625	3,981,516	2,032,306
Algoma.....	6,998	1,516	279	122,931	131,724	88,255
Cochrane.....	714	217	397	118,589	119,917	81,544
Kenora.....	994	110	87	44,915	46,106	27,664
Manitoulin.....	19,874	1,021	347	79,398	100,640	62,397
Nipissing.....	943	669	118	86,455	88,185	55,556
Rainy River.....	5,819	458	242	72,159	78,678	47,207
Sudbury.....	1,188	443	159	106,513	108,303	64,982
Thunder Bay.....	1,981	705	237	168,569	171,492	102,895
Timiskaming.....	1,467	845	316	106,431	109,059	70,888
Northern Ontario....	39,978	5,984	2,182	905,960	954,104	601,388
The Province, 1942..	685,374	283,202	327,948	23,325,267	24,621,791	13,163,448

PART II—CHATTEL MORTGAGES

Table showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages on record and undischarged on December 31st, for the years 1940 and 1941, 1942, together with totals for the Province for all occupations as well as for "farmers," as far as given in the records.

Counties and Districts	1942		1941		1940	
	No.	Amount	No.	Amount	No.	Amount
		\$		\$		\$
Algoma	156	228,676	200	213,432	157	211,690
Brant	289	353,339	502	391,557	421	373,350
Bruce	158	285,142	332	375,735	322	397,893
Carleton	2,222	2,419,656	2,749	2,630,370	3,583	2,725,419
Cochrane	679	707,322	590	382,573	550	594,972
Dufferin	108	244,464	142	272,096	158	284,260
Elgin	358	592,415	430	641,447	458	682,446
Essex	2,739	1,467,294	2,319	2,844,692	2,341	3,279,006
Frontenac	675	451,751	675	477,115	651	357,344
Grey	365	648,912	449	760,901	492	820,996
Haldimand	133	166,665	154	180,171	186	211,483
Halton	297	450,853	411	602,751	423	612,284
Hastings	504	502,600	834	791,149	749	729,338
Huron	308	589,940	383	658,779	414	716,615
Kenora	138	221,348	162	270,321	112	134,336
Kent	797	1,394,810	880	1,521,126	946	1,667,553
Lambton	381	376,753	413	378,664	495	425,527
Lanark	165	275,864	246	301,725	260	88,584
Leeds and Grenville	286	415,548	370	580,341	439	643,367
Lennox and Addington	158	268,798	191	367,649	202	370,107
Lincoln	587	1,293,841	559	676,795	608	642,837
Manitoulin	51	39,456	77	84,042	76	76,380
Middlesex	1,496	964,160	1,737	1,001,905	1,759	1,148,079
Muskoka	292	330,628	157	348,002	181	220,862
Nipissing	196	561,896	241	475,147	107	106,683
Norfolk	217	351,856	499	483,981	517	445,701
Northumberland and Durham	300	432,144	411	592,621	531	650,542
Ontario	569	711,229	584	700,124	505	656,576
Oxford	389	578,662	502	652,887	533	689,712
Parry Sound	111	222,061	129	142,786	117	133,290
Peel	240	300,673	311	370,064	308	322,985
Perth	300	512,711	379	593,308	399	600,299
Peterborough	388	286,979	409	385,189	297	383,241
Prescott and Russell	387	710,199	485	790,317	458	781,571
Prince Edward	211	312,414	246	260,023	196	276,869
Rainy River	95	79,592	115	81,838	100	108,341
Renfrew	201	373,736	256	407,976	257	416,948
Simcoe	516	749,022	650	821,998	659	895,198
Stormont, Dundas and Glengarry	460	708,121	561	845,803	642	946,308
Sudbury	963	462,525	1,210	546,652	1,258	520,858
Thunder Bay	386	430,575	285	269,526	257	511,757
Timiskaming	401	1,142,898	536	991,195	513	1,177,644
Victoria and Haliburton	214	303,328	249	317,211	240	338,791
Waterloo	674	1,108,428	795	909,433	674	749,668
Welland	1,014	826,028	1,092	894,592	871	801,121
Wellington	455	652,572	623	782,398	481	827,190
Wentworth	2,663	2,518,614	2,800	2,915,503	3,133	2,656,611
York	14,200	12,694,388	15,947	14,046,676	16,419	11,558,432
Total:						
All occupations	38,892	41,720,886	44,377	46,030,586	45,455	43,971,064
Farmers as given	5,661	11,876,118	6,276	12,393,093	6,447	13,510,604
Occupations not given	23,362	10,712,571	26,134	14,211,538	25,860	12,822,504

PART III.

Comparative Farm Statistics for
Sixty-One Years—1882-1942

STATISTICS OF FARM CROPS
FALL WHEAT AND SPRING WHEAT

The following table gives the area, produce and market value of Fall Wheat and Spring Wheat for the years 1882 to 1942, together with the annual averages for the various periods of ten years and the average for the sixty-one years.

Years	Fall Wheat				Spring Wheat			
	Acres	Bushels	Per acre	Market Value	Acres	Bushels	Per acre	Market value
1942	757,000	23,391,000	30.9	20,584,000	42,000	861,000	20.5	758,000
1941	565,500	15,042,000	26.6	14,139,000	45,300	834,000	18.4	751,000
1940	775,400	22,099,000	28.5	13,922,000	69,200	1,301,000	18.8	846,000
1939	734,988	22,271,000	30.3	14,253,000	81,757	1,550,000	18.9	1,023,000
1938	742,662	19,805,775	26.7	11,082,514	88,001	1,592,289	18.1	923,545
1937	718,813	18,691,535	26.0	19,427,921	94,174	1,600,648	17.0	1,638,457
1936	509,306	12,478,456	24.5	13,601,343	97,972	1,735,147	17.7	1,874,293
1935	555,073	12,600,690	22.7	8,946,898	98,807	1,857,135	18.8	1,356,077
1934	425,594	6,724,089	15.8	5,917,025	96,373	1,803,088	18.7	1,533,062
1933	558,970	14,030,553	25.1	9,259,526	96,701	1,662,969	17.2	1,114,229
1932	536,292	15,061,600	28.1	6,929,113	100,068	1,990,368	19.9	895,980
1931	525,024	15,013,555	28.6	7,747,787	90,183	1,982,594	20.0	1,008,547
1930	676,802	18,047,207	26.7	11,958,527	98,966	2,179,204	22.0	1,426,734
1929	691,662	17,820,739	25.8	22,092,590	106,610	1,929,892	18.1	2,416,054
1928	693,660	16,766,408	24.2	20,456,753	109,805	2,181,855	19.9	2,599,815
1927	751,377	19,447,536	25.9	24,254,806	119,580	2,408,055	20.1	2,939,777
1926	807,015	20,988,030	26.0	26,262,506	115,497	2,166,054	18.8	2,708,690
1925	747,101	22,764,736	30.5	30,420,639	113,338	2,440,632	21.5	3,245,576
1924	722,366	21,396,621	29.6	28,646,679	101,401	1,948,853	19.2	2,669,773
1923	717,307	16,599,067	23.1	15,976,322	111,601	1,937,937	17.4	1,865,540
1922	813,935	17,792,958	21.9	18,616,746	124,206	2,099,503	16.9	2,207,565
1921	621,420	13,667,879	22.0	15,096,980	152,904	1,907,459	12.5	2,087,264
1920	762,371	18,492,013	24.3	35,759,610	267,367	4,480,472	16.8	8,237,182
1919	619,494	15,051,703	24.3	35,698,096	361,150	5,646,544	15.6	13,603,841
1918	362,616	7,054,845	19.5	14,877,794	351,423	8,186,191	23.3	17,076,203
1917	585,946	13,384,207	22.8	28,078,738	182,957	3,679,516	20.1	7,716,693
1916	704,867	14,942,050	21.2	24,099,591	144,305	2,213,961	15.3	3,591,681
1915	811,185	24,737,011	30.5	24,023,286	162,142	3,439,949	21.2	3,392,996
1914	685,692	14,333,548	20.9	15,641,232	118,607	2,169,425	18.3	2,340,520
1913	646,533	15,945,717	24.7	13,550,459	116,581	2,068,951	17.7	1,818,652
1912	759,888	15,039,885	19.8	13,795,968	123,080	2,302,339	18.7	2,072,266
1911	837,492	17,926,586	21.4	15,519,411	133,711	2,295,534	17.2	2,081,580
1910	743,473	19,837,172	26.7	17,172,678	129,319	2,489,833	19.3	2,229,999
1909	663,375	15,967,653	24.1	16,335,950	135,161	2,223,567	16.5	2,237,189
1908	679,642	16,430,476	24.2	14,649,061	142,124	2,197,716	15.5	1,996,230
1907	676,164	15,545,491	23.0	14,410,670	144,514	2,473,651	17.1	2,137,234
1906	787,287	18,841,774	23.9	13,321,134	171,745	3,267,000	19.0	2,250,963
1905	796,213	17,933,961	22.5	13,719,480	190,116	3,582,627	18.8	2,683,387
1904	605,458	9,160,623	15.1	9,041,535	225,027	3,471,103	15.4	3,269,779
1903	665,028	17,242,763	25.9	12,949,315	248,518	4,650,707	18.7	3,460,126
1902	748,592	20,233,669	27.0	14,305,204	303,115	6,048,024	20.0	4,209,425
1901	911,587	15,943,229	17.5	10,538,474	358,048	5,498,751	15.4	3,673,166
1900	1,068,640	23,369,737	21.9	15,517,505	376,905	6,940,333	18.4	4,684,725
1899	1,049,691	14,439,827	13.8	9,631,365	398,726	7,041,317	17.7	4,682,476
1898	1,048,182	25,158,713	24.0	17,460,147	389,205	6,873,785	17.7	4,756,659
1897	950,222	23,988,051	25.2	18,758,656	323,305	4,868,101	15.1	3,826,327
1896	876,955	15,078,441	17.2	10,705,693	255,361	3,519,322	13.8	2,484,641
1895	743,199	14,155,282	19.0	9,809,610	223,957	3,472,543	15.5	2,423,835
1894	778,992	16,512,106	21.2	9,081,658	230,016	3,367,854	14.6	1,869,159
1893	913,954	17,545,248	19.2	10,509,604	356,721	4,186,063	11.7	2,486,521
1892	966,522	20,492,497	21.2	14,488,195	651,302	8,290,395	12.7	5,620,888
1891	849,956	21,872,488	25.7	20,800,736	510,634	10,711,538	21.0	9,951,019
1890	720,101	14,267,383	19.8	13,439,875	601,753	7,683,905	12.8	7,015,405
1889	822,115	13,001,865	15.8	11,493,648	398,610	5,697,707	14.3	5,019,680
1888	826,537	13,830,787	16.7	14,162,726	367,850	6,453,559	17.5	6,408,384
1887	897,743	14,440,611	16.1	11,321,439	484,821	5,633,117	11.6	4,393,831
1886	886,402	18,071,142	20.4	13,300,361	577,465	9,518,553	16.5	6,900,951
1885	875,136	21,478,281	24.5	17,504,799	799,463	9,129,881	11.4	7,358,684
1884	864,740	20,717,313	24.0	16,677,693	721,647	14,609,661	20.2	11,892,264
1883	1,097,210	11,656,957	10.6	12,239,805	586,410	9,726,063	16.6	10,406,887
1882	1,188,520	31,255,202	26.3	31,567,754	586,817	9,665,999	16.5	10,245,959
Annual Averages:								
1932-1941	612,200	15,880,470	25.9	11,747,834	86,835	1,592,664	18.3	1,195,564
1922-1931	714,625	18,663,676	26.1	20,643,336	110,019	2,127,458	19.3	2,308,807
1912-1921	656,001	15,264,886	23.3	22,062,175	198,052	3,609,481	18.2	6,193,730
1902-1911	720,272	16,912,017	23.5	14,142,444	182,335	3,269,976	17.9	2,655,591
1882-1942	756,137	17,342,245	22.9	16,304,125	246,122	4,094,184	16.6	3,940,924

STATISTICS OF FARM CROPS

OATS AND BARLEY

The following table gives the area, produce and market value of Oats and Barley for the years 1882 to 1942, together with the annual averages for the various periods of ten years and the average for the sixty-one years.

Years	Oats				Barley			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
1942.....	1,966,000	84,538,000	43.0	37,197,000	353,000	12,179,000	34.5	6,942,000
1941.....	1,965,000	64,845,000	33.0	28,532,000	363,700	10,438,000	28.7	5,845,000
1940.....	2,254,000	86,554,000	38.4	27,697,000	499,000	15,519,000	31.1	6,828,000
1939.....	2,274,126	86,639,000	38.1	29,457,000	522,232	16,600,000	31.8	7,636,000
1938.....	2,262,930	83,198,318	27.9	23,231,985	544,017	16,648,991	30.6	6,798,249
1937.....	2,263,935	73,712,228	32.6	31,035,041	555,939	16,029,856	28.8	9,380,594
1936.....	2,345,906	66,857,962	28.5	32,091,668	519,233	14,018,054	27.0	11,214,391
1935.....	2,767,736	85,560,799	36.0	23,957,144	523,035	16,841,004	32.2	6,736,335
1934.....	2,390,817	81,526,069	34.1	28,534,021	484,908	14,741,263	30.4	7,370,538
1933.....	2,315,700	65,543,218	28.3	21,629,214	461,226	12,037,325	26.1	4,935,203
1932.....	2,338,569	75,517,411	32.3	18,878,732	456,000	13,771,000	30.2	4,958,004
1931.....	2,330,128	77,979,490	33.5	19,499,057	437,588	13,407,038	30.6	4,898,775
1930.....	2,468,913	97,481,866	39.5	28,983,780	609,879	20,910,731	34.3	7,496,760
1929.....	2,335,310	73,640,478	31.5	45,918,227	622,063	18,032,191	29.0	13,799,386
1928.....	2,659,980	93,461,068	35.1	51,912,665	615,433	19,944,133	32.4	14,790,285
1927.....	2,689,295	101,913,746	37.9	58,438,236	514,802	17,238,125	33.5	13,382,864
1926.....	2,831,755	95,722,130	33.8	49,615,846	449,095	14,447,174	32.2	9,823,171
1925.....	2,837,390	118,100,471	41.6	53,404,626	436,383	14,917,247	34.2	10,160,463
1924.....	2,891,990	114,249,129	39.5	61,899,999	439,177	14,570,403	33.2	11,970,808
1923.....	2,967,417	103,485,442	34.9	46,937,124	452,490	13,523,349	29.9	8,487,609
1922.....	3,034,090	116,033,569	38.2	50,450,114	433,922	13,971,811	32.2	8,561,782
1921.....	3,094,958	72,575,191	23.4	36,555,194	462,176	10,149,353	22.0	6,665,865
1920.....	2,880,053	129,171,312	44.9	75,159,913	484,328	16,660,350	34.4	15,631,613
1919.....	2,674,341	78,388,018	29.3	76,572,899	569,183	13,133,757	23.1	19,146,902
1918.....	2,924,468	131,752,601	45.1	98,798,745	660,404	24,247,673	36.7	25,112,912
1917.....	2,763,355	111,232,817	40.3	86,640,057	551,298	18,387,741	33.4	23,118,166
1916.....	2,689,762	71,297,528	26.5	47,066,428	527,886	12,388,969	23.5	12,621,940
1915.....	2,871,755	120,217,952	41.9	47,452,121	552,318	19,893,129	36.0	11,130,811
1914.....	2,776,883	103,564,322	37.3	51,232,043	579,473	18,096,754	31.2	11,640,790
1913.....	2,699,459	98,426,902	36.5	36,342,489	623,658	18,255,958	29.3	10,136,759
1912.....	2,601,735	98,444,807	37.8	38,005,016	647,382	19,232,275	29.7	11,296,962
1911.....	2,699,230	84,829,232	31.4	37,494,695	616,977	16,248,129	26.3	12,000,154
1910.....	2,757,933	102,084,924	37.0	35,698,964	626,144	19,103,107	30.5	9,930,410
1909.....	2,695,585	90,235,579	33.5	35,612,676	695,262	18,776,777	27.0	10,286,328
1908.....	2,774,259	96,626,419	34.8	38,987,985	734,029	20,888,569	28.5	10,943,788
1907.....	2,932,509	83,524,301	28.5	40,759,859	766,891	21,718,332	28.3	12,900,689
1906.....	2,716,711	108,341,455	39.6	36,836,095	756,163	25,253,011	33.4	11,363,855
1905.....	2,668,416	105,563,572	39.9	35,469,360	772,633	24,265,394	31.4	10,409,854
1904.....	2,654,936	102,173,443	38.5	33,002,022	772,434	24,567,825	31.8	10,736,140
1903.....	2,638,665	109,874,053	41.6	32,193,997	709,839	24,378,817	34.3	10,263,482
1902.....	2,500,758	106,431,439	42.6	37,038,141	661,622	21,890,602	33.1	9,872,661
1901.....	2,408,264	78,334,490	32.5	28,357,085	637,201	16,761,076	26.3	7,542,484
1900.....	2,398,834	89,693,327	37.4	23,768,732	577,810	16,909,751	29.3	6,577,893
1899.....	2,363,778	89,897,724	38.0	24,901,670	490,374	14,830,891	30.2	5,858,202
1898.....	2,376,360	86,858,293	36.6	22,409,440	438,784	12,663,668	28.9	4,812,194
1897.....	2,432,491	86,318,128	35.5	19,507,897	451,515	12,021,779	26.6	3,245,880
1896.....	2,425,107	82,979,992	34.2	16,595,998	462,792	12,669,744	27.4	4,003,639
1895.....	2,373,309	84,697,566	35.7	24,646,992	478,046	12,090,507	25.3	4,884,565
1894.....	2,342,766	70,172,516	30.0	21,613,135	486,261	10,980,404	22.6	4,447,064
1893.....	1,936,644	58,584,529	30.3	19,450,064	467,315	9,806,088	21.0	3,932,241
1892.....	1,861,469	64,758,053	34.8	19,945,480	499,225	12,274,318	24.6	5,069,293
1891.....	1,840,636	75,009,542	40.8	27,378,483	553,166	16,141,904	29.2	7,925,675
1890.....	1,882,366	52,768,207	28.0	21,687,734	701,326	15,600,169	22.2	7,831,285
1889.....	1,923,444	64,346,301	33.5	19,625,622	875,286	23,386,388	26.7	10,290,011
1888.....	1,849,868	65,466,911	35.4	26,514,099	895,432	23,366,569	26.1	14,043,308
1887.....	1,682,463	49,848,101	29.6	17,247,443	767,346	17,134,830	22.3	9,715,448
1886.....	1,621,901	58,665,608	36.2	18,772,995	735,778	19,512,278	26.5	10,009,799
1885.....	1,543,745	55,229,742	35.8	17,397,369	597,873	16,533,587	27.7	9,126,540
1884.....	1,481,828	57,696,304	38.9	19,097,476	700,472	19,119,041	27.3	10,247,806
1883.....	1,418,309	54,573,609	38.5	20,737,971	757,156	18,414,337	24.3	10,496,172
1882.....	1,387,487	50,501,701	36.4	21,715,731	848,617	24,284,407	28.6	15,784,865
Annual Averages:								
1932-1941.....	2,278,772	76,995,402	33.8	26,574,381	492,929	14,664,449	29.7	7,170,231
1922-1931.....	2,704,627	99,206,739	36.7	46,705,967	501,083	16,096,220	32.1	10,337,190
1912-1921.....	2,797,677	101,507,145	36.3	59,382,491	565,811	17,044,596	30.1	14,650,272
1902-1911.....	2,703,900	98,968,442	36.6	36,309,289	711,199	21,709,056	30.5	10,870,736
1882-1942.....	2,415,850	85,700,261	35.5	35,534,257	581,721	16,915,146	29.1	9,722,470

STATISTICS OF FARM CROPS

PEAS AND BEANS

The following table gives the area, produce and market value of Peas and Beans for the years 1882 to 1942, together with the annual averages for the various periods of ten years and the average for the sixty-one years.

Years	Peas				Beans			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
1942.....	34,000	575,000	16.9	1,144,000	62,000	1,252,000	20.2	1,878,000
1941.....	35,900	560,000	15.6	1,047,000	94,100	1,588,000	16.9	2,630,000
1940.....	55,200	894,000	16.2	1,672,000	84,800	1,264,000	14.9	2,212,000
1939.....	51,902	887,000	17.1	1,570,000	62,527	1,338,000	21.4	3,011,000
1938.....	52,405	899,103	17.2	1,348,680	59,727	1,366,018	22.9	1,366,018
1937.....	58,358	796,208	13.6	1,242,687	57,175	1,105,660	19.3	1,178,628
1936.....	66,831	815,101	12.2	1,263,360	56,344	743,037	13.2	1,501,391
1935.....	68,709	1,168,244	17.0	1,109,639	56,987	1,031,871	18.1	1,496,499
1934.....	68,811	1,156,027	16.8	983,041	49,445	692,025	14.0	878,504
1933.....	58,746	938,755	16.0	750,856	52,320	779,476	14.9	717,326
1932.....	59,535	1,071,344	18.0	696,348	61,821	1,059,559	17.1	519,132
1931.....	58,944	972,832	16.5	608,586	76,312	1,184,172	15.5	685,934
1930.....	80,093	1,581,468	19.7	1,657,822	67,540	905,498	13.4	1,306,852
1929.....	79,523	1,235,658	15.5	2,013,945	63,732	1,113,310	17.5	3,373,233
1928.....	109,887	1,892,588	17.2	2,892,490	50,953	873,427	17.1	3,343,825
1927.....	105,662	2,035,687	19.3	3,049,924	47,156	725,011	15.4	1,700,257
1926.....	97,865	1,880,301	19.2	2,831,588	51,721	819,166	15.8	1,913,221
1925.....	133,434	2,607,287	19.5	3,532,258	61,080	1,154,317	18.9	2,431,446
1924.....	130,989	2,456,164	18.8	3,712,042	52,047	856,860	16.5	1,958,602
1923.....	117,409	2,030,850	17.3	2,940,685	41,127	633,713	15.4	1,538,701
1922.....	105,544	2,076,965	19.7	2,914,720	39,999	622,781	15.6	1,579,549
1921.....	105,964	1,441,095	13.6	2,205,423	26,509	427,531	16.1	1,005,057
1920.....	109,187	2,209,523	20.2	4,270,938	22,744	380,499	16.7	1,097,137
1919.....	127,253	1,816,517	14.3	4,794,268	22,920	288,480	12.6	1,154,081
1918.....	113,862	2,381,937	20.9	5,184,332	100,082	1,387,834	13.9	6,230,007
1917.....	90,322	1,512,567	16.7	4,855,888	110,680	1,078,510	9.7	7,446,626
1916.....	95,542	1,243,979	13.4	2,618,754	53,999	583,105	10.8	3,183,086
1915.....	126,943	2,043,049	16.1	3,302,641	62,863	882,819	14.0	2,745,105
1914.....	177,856	2,609,585	14.7	3,565,974	51,149	835,895	16.3	1,787,432
1913.....	177,303	3,108,263	17.5	3,127,551	66,639	1,021,243	15.3	1,738,900
1912.....	221,524	3,667,005	16.6	4,047,354	69,703	1,182,132	17.0	2,280,173
1911.....	304,491	4,462,182	14.7	4,380,883	51,508	898,212	17.4	1,711,089
1910.....	403,414	6,016,003	14.9	4,856,986	49,778	892,927	17.9	1,386,798
1909.....	381,609	7,613,656	20.0	6,437,685	45,029	826,344	18.4	1,334,325
1908.....	396,642	7,401,336	18.7	6,121,449	46,477	783,757	16.9	1,160,103
1907.....	340,977	7,365,036	21.6	5,744,728	47,562	790,269	16.6	1,201,209
1906.....	410,356	7,388,987	18.0	5,216,625	51,272	950,312	18.5	1,320,934
1905.....	374,518	7,100,021	19.0	4,636,314	50,543	846,443	16.7	1,117,305
1904.....	339,260	6,629,866	19.5	4,176,816	50,892	912,849	17.9	1,113,676
1903.....	407,133	8,924,650	21.9	5,738,550	53,039	978,246	18.4	1,379,327
1902.....	532,639	7,664,679	14.4	5,441,922	53,964	670,633	12.4	905,355
1901.....	602,724	10,089,173	16.7	6,588,230	53,688	824,122	15.4	1,030,153
1900.....	661,592	14,058,198	21.2	8,027,231	44,053	820,373	18.6	817,912
1899.....	743,139	15,140,790	20.4	8,675,673	40,485	651,009	16.1	703,090
1898.....	865,951	13,521,263	15.6	7,058,099	45,220	759,657	16.8	531,760
1897.....	896,735	13,867,093	15.5	5,838,046	50,591	981,340	19.4	639,834
1896.....	829,601	17,493,148	21.1	7,696,985	68,369	1,197,535	17.5	819,114
1895.....	799,963	15,568,103	19.5	8,531,320	72,747	1,494,179	20.5	1,414,988
1894.....	785,007	14,022,888	17.9	7,516,268	59,281	827,514	14.0	913,575
1893.....	738,741	14,168,955	19.2	7,651,236	48,858	664,310	13.6	783,886
1892.....	774,732	14,494,430	18.7	8,551,714	33,249	535,931	16.1	529,500
1891.....	752,453	18,323,459	24.4	11,690,367	41,451	769,600	18.6	816,546
1890.....	781,206	15,389,313	19.7	9,279,756	39,456	761,341	19.3	978,323
1889.....	708,068	13,509,237	19.1	7,524,645	21,830	371,893	17.0	471,188
1888.....	696,653	14,269,863	20.5	9,332,490	22,700	534,526	23.5	607,756
1887.....	726,756	12,173,332	16.8	6,804,892	20,275	275,975	13.6	270,180
1886.....	703,936	16,043,734	22.8	8,439,004	21,072	482,072	22.9	403,494
1885.....	646,081	14,006,192	21.7	8,123,591	24,651	496,564	20.1	397,251
1884.....	570,928	13,691,607	24.0	8,817,395	24,878	592,044	23.8	698,612
1883.....	542,771	10,673,723	19.7	7,578,343	25,907	.....	.....	.....
1882.....	560,770	11,006,115	19.6	8,144,525	19,787	409,910	20.7	807,523
Annual Averages:								
1932-1941.....	57.64	918,578	15.9	1,168,361	63,525	1,096,765	17.3	1,551,050
1922-1931.....	101,935	1,876,980	18.4	2,615,406	55,167	888,826	16.1	1,983,162
1912-1921.....	134,576	2,203,352	16.4	3,797,312	58,729	806,805	13.7	2,866,760
1902-1911.....	389,104	7,056,642	18.1	5,275,196	50,006	854,999	17.1	1,263,012
1882-1942.....	348,432	6,600,674	18.9	4,779,944	51,062	838,948	16.4	1,510,690

STATISTICS OF FARM CROPS

RYE AND BUCKWHEAT

The following table gives the area, produce and market value of Rye and Buckwheat for the years 1882 to 1942, together with the annual averages for the various periods of ten years and the average for the sixty-one years.

Years	Rye				Buckwheat			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
1942	78,600	1,501,000	19.1	976,000	126,000	2,646,000	21.0	1,614,000
1941	73,700	1,253,000	17.0	827,000	116,300	2,326,000	20.0	1,349,000
1940	81,500	1,557,000	19.1	779,000	182,500	3,796,000	20.8	1,746,000
1939	75,652	1,378,000	18.2	799,000	168,404	3,570,000	21.2	1,856,000
1938	74,129	1,439,266	19.4	626,738	183,200	3,507,176	19.1	1,440,364
1937	74,704	1,291,222	17.3	1,006,882	195,193	3,753,901	19.2	2,237,761
1936	53,212	893,962	16.8	751,119	196,971	3,959,741	20.1	2,732,034
1935	59,340	1,044,363	17.6	417,797	186,427	3,896,451	20.9	1,558,406
1934	55,947	865,988	15.5	475,984	213,904	4,384,994	20.5	2,060,966
1933	54,006	913,024	16.9	465,739	207,124	4,349,266	21.0	1,826,807
1932	57,500	1,024,000	17.8	378,924	196,552	4,511,006	22.9	1,579,166
1931	61,701	1,104,754	17.9	462,594	178,719	3,665,584	20.5	1,551,607
1930	52,881	937,302	17.7	454,565	275,317	5,675,616	20.6	2,935,428
1929	52,023	873,239	16.8	847,938	294,388	5,562,013	18.9	4,627,121
1928	66,307	1,131,172	17.1	1,076,724	271,243	5,692,376	21.0	4,638,578
1927	72,323	1,289,058	17.8	1,228,421	249,210	5,892,510	23.6	4,593,204
1926	86,355	1,501,390	17.4	1,309,840	234,870	4,975,192	21.2	3,830,695
1925	98,652	1,784,625	18.1	1,553,529	257,932	5,579,109	21.6	4,086,236
1924	126,641	2,299,545	18.2	2,471,369	240,552	6,449,496	26.8	5,593,465
1923	123,354	2,011,325	16.3	1,481,691	230,276	5,012,010	21.8	3,670,511
1922	152,709	2,500,354	16.4	1,959,112	197,812	4,266,215	21.6	3,137,448
1921	122,868	1,775,599	14.5	1,467,086	147,944	3,354,201	22.7	2,482,999
1920	133,900	2,349,880	17.7	3,336,240	143,204	3,190,478	22.3	3,667,161
1919	140,072	2,219,042	15.8	3,531,031	178,569	4,071,959	22.8	5,727,413
1918	112,726	1,812,909	16.1	2,750,561	223,662	4,597,990	20.6	6,207,986
1917	133,077	2,222,325	16.7	3,614,591	153,457	2,992,391	19.5	4,278,256
1916	148,738	2,354,410	15.8	2,797,290	229,205	3,261,888	14.2	3,555,699
1915	173,736	3,210,512	18.5	2,532,051	193,497	4,278,366	22.1	3,057,398
1914	138,913	2,315,532	16.7	1,965,522	177,227	4,251,421	24.0	3,041,564
1913	118,429	1,979,775	16.7	1,310,306	228,279	4,012,418	17.6	2,549,398
1912	105,949	1,839,675	17.4	1,287,208	205,893	5,414,796	26.3	2,950,001
1911	98,652	1,562,971	15.8	1,326,510	189,039	3,852,231	20.4	2,324,992
1910	95,397	1,620,333	17.0	1,024,787	194,913	4,693,881	24.1	2,346,387
1909	94,661	1,573,921	16.6	1,060,566	176,630	4,280,790	24.2	2,284,440
1908	87,908	1,453,616	16.5	1,012,953	140,605	3,323,668	23.6	1,799,890
1907	67,158	1,039,021	15.5	721,081	113,039	2,546,468	22.5	1,461,673
1906	79,870	1,327,582	16.6	808,497	106,444	1,792,903	16.8	887,487
1905	101,292	1,714,951	16.9	974,092	101,591	2,199,652	21.7	1,099,826
1904	130,702	2,001,826	15.3	1,153,052	100,608	2,066,234	20.5	1,004,190
1903	179,277	2,970,768	16.6	1,443,793	95,487	2,049,169	21.5	907,782
1902	189,318	3,509,332	18.5	1,772,213	93,324	1,911,683	20.5	917,608
1901	158,236	2,545,268	16.1	1,254,817	88,266	1,757,071	19.9	850,422
1900	142,213	2,357,635	16.6	1,143,453	102,570	1,874,261	18.3	819,052
1899	137,824	2,284,846	16.6	1,142,423	132,082	2,203,299	16.7	1,002,501
1898	165,089	2,673,234	16.2	1,162,857	150,394	2,373,645	15.8	906,732
1897	187,785	3,382,005	18.0	1,275,016	151,669	3,464,186	22.8	1,039,256
1896	148,680	2,230,873	15.0	816,500	145,606	2,603,669	17.9	794,119
1895	120,350	1,900,117	15.8	866,453	135,262	2,791,749	20.6	1,027,364
1894	90,144	1,386,606	15.4	612,880	145,268	2,534,335	17.4	993,459
1893	68,486	994,771	14.5	472,516	133,828	2,380,456	17.8	995,031
1892	73,073	1,132,504	15.5	631,937	125,104	2,521,214	20.2	1,063,952
1891	67,865	1,134,630	16.7	820,337	107,879	2,608,142	24.2	1,150,191
1890	103,061	1,563,345	15.2	823,883	90,111	2,053,720	22.8	883,100
1889	90,106	1,431,679	15.9	728,725	56,398	1,272,578	22.6	502,668
1888	84,087	1,295,302	15.4	779,772	57,528	1,222,283	21.2	602,585
1887	68,362	894,887	13.1	442,969	64,143	1,025,353	16.0	461,409
1886	67,779	1,106,462	16.3	577,573	70,792	1,678,708	23.7	565,725
1885	78,293	1,271,506	16.2	701,871	61,776	1,530,675	24.8	600,024
1884	103,416	1,648,259	15.9	984,010	65,836	1,484,570	22.5	593,828
1883	188,111	3,012,240	16.0	2,018,201	67,802	.....	.....	.....
1882	185,276	3,473,799	18.7	2,223,231	50,035	1,262,973	25.2	505,189
Annual Averages:								
1932-1941	65,969	1,165,983	17.7	652,818	184,658	3,875,453	20.6	1,838,650
1922-1931	89,295	1,543,279	17.3	1,284,578	243,032	5,277,012	21.7	3,866,429
1912-1921	132,760	2,207,966	16.6	2,459,189	188,094	3,942,591	21.0	3,721,788
1902-1911	112,424	1,877,432	16.7	1,129,754	131,168	2,871,668	21.9	1,503,428
1882-1942	105,103	1,756,845	16.7	1,259,991	157,342	3,282,887	20.9	2,070,058

STATISTICS OF FARM CROPS
FLAX AND MIXED GRAINS

The following table gives the area, produce and market value of Flax and Mixed Grains for the years 1907 to 1942, together with the annual averages for the various periods and for the whole term of years.

Years	Flax				Mixed Grains			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
1942.....	24,000	262,000	10.9	474,000	1,151,000	50,759,000	44.1	25,887,000
1941.....	11,800	113,000	9.6	175,000	1,176,500	38,942,000	33.1	19,860,000
1940.....	17,500	170,000	9.7	226,000	915,000	34,770,000	38.0	13,213,000
1939.....	6,162	58,000	9.3	92,000	914,364	35,662,000	39.0	14,621,000
1938.....	5,176	44,917	8.7	56,200	888,321	32,596,707	36.7	11,522,394
1937.....	5,009	51,743	10.3	72,501	890,136	30,674,828	34.5	14,787,597
1936.....	5,289	34,423	6.5	50,819	953,079	27,830,699	29.2	14,750,022
1935.....	7,436	75,277	10.2	98,277	926,557	33,821,188	36.5	11,499,206
1934.....	5,666	56,716	10.0	75,550	941,448	32,195,970	34.2	12,878,261
1933.....	5,548	49,474	9.0	59,357	946,779	27,552,147	29.1	10,470,240
1932.....	6,280	61,569	9.8	55,540	986,161	33,327,100	33.8	10,997,537
1931.....	7,325	79,555	10.9	83,812	1,012,347	35,155,615	34.7	12,510,754
1930.....	5,235	51,257	9.8	78,809	958,086	37,512,279	39.2	13,857,314
1929.....	5,492	46,927	8.5	109,034	892,897	29,903,638	33.5	21,890,640
1928.....	7,964	67,441	8.5	141,111	905,693	33,691,418	37.2	23,420,648
1927.....	7,080	68,173	9.6	121,004	799,333	31,918,944	39.9	22,882,169
1926.....	7,712	75,736	9.8	148,149	770,981	28,577,629	37.1	18,697,998
1925.....	9,789	123,134	12.6	262,386	681,624	28,246,057	41.4	16,559,729
1924.....	6,619	77,801	11.8	162,590	645,622	26,403,332	40.9	18,231,508
1923.....	6,766	68,684	10.2	140,376	648,934	23,880,889	36.8	14,290,315
1922.....	4,556	48,662	10.7	106,046	552,399	21,270,479	38.5	11,882,085
1921.....	7,534	66,748	8.9	130,995	618,289	16,188,510	26.2	10,579,352
1920.....	21,053	224,893	10.7	515,983	581,689	25,712,447	44.2	20,556,442
1919.....	13,717	129,461	9.4	670,608	628,761	19,735,287	31.4	26,403,773
1918.....	15,925	196,221	12.3	*1,224,783	619,389	27,462,374	44.3	28,253,556
1917.....	7,372	.....	.....	.....	515,593	20,102,421	39.0	20,876,501
1916.....	5,880	.....	.....	.....	485,986	13,297,354	27.4	12,485,065
1915.....	5,334	.....	.....	.....	475,738	19,461,609	40.9	10,602,271
1914.....	6,025	.....	.....	.....	456,631	16,854,550	36.9	10,074,687
1913.....	7,431	.....	.....	.....	414,517	15,113,480	36.5	7,953,111
1912.....	9,125	.....	.....	.....	448,402	16,382,161	36.5	8,674,724
1911.....	12,128	.....	.....	.....	486,112	14,845,595	30.5	9,104,141
1910.....	12,021	.....	.....	.....	497,936	18,261,803	36.7	9,187,822
1909.....	11,253	.....	.....	.....	474,530	16,199,434	34.1	8,825,196
1908.....	8,562	.....	.....	.....	456,049	15,354,350	33.7	8,444,893
1907.....	9,296	.....	.....	.....	443,100	14,202,511	32.1	7,811,381
Annual Averages:								
1932-1941.....	7,587	71,512	9.4	96,124	953,834	32,737,264	34.3	13,459,926
1922-1931.....	6,854	70,737	10.3	135,332	786,792	29,666,028	37.7	17,422,316
1912-1921.....	9,940	.....	.....	.....	524,500	19,031,019	36.3	15,645,948
1907-1911.....	10,652	.....	.....	.....	471,545	15,772,739	33.4	8,674,687
1907-1942.....	8,918	.....	.....	.....	726,666	26,218,772	36.1	14,848,398

*Including seed of fibre variety commandeered and shipped to Ireland to the value of \$930,769.

No estimates of yields of flax were made previous to 1918. The average for the twenty-five years, 1918-1942, was 9,065 acres, yielding 92,072 bushels, valued at \$213,237.

STATISTICS OF FARM CROPS

HUSKING CORN AND SILO CORN

The following table gives the area, produce and market value of *Corn (for husking and for silo) for the years 1892 to 1942, together with the annual averages for the various periods of ten years and the average for the fifty-one years.

Years	Corn for Husking				Corn for Silo			
	Acres	Bushels (shelled)	Per acre	Market value	Acres	Tons (green)	Per acre	Market value
				\$				\$
1942.....	258,000	13,622,000	52.8	10,898,000	300,000	3,135,000	10.45	10,847,000
1941.....	245,400	11,337,000	46.2	8,389,000	295,000	2,950,000	10.00	9,145,000
1940.....	186,000	6,956,000	37.4	3,826,000	339,000	3,112,000	9.18	7,500,000
1939.....	183,175	8,097,000	44.2	4,453,000	335,691	3,545,000	10.55	9,430,000
1938.....	180,130	7,696,212	42.7	3,307,900	321,754	3,470,225	10.79	8,726,715
1937.....	165,593	5,409,213	32.7	3,272,319	317,349	3,080,766	9.71	8,280,429
1936.....	164,399	6,082,942	37.0	4,136,165	306,934	2,470,816	8.05	7,858,238
1935.....	167,710	7,764,981	46.3	3,494,268	324,799	3,033,659	9.34	9,100,977
1934.....	161,137	6,797,863	42.2	4,419,012	323,173	2,990,000	9.25	11,960,000
1933.....	136,596	5,054,297	37.0	2,830,032	286,021	2,440,009	8.53	7,320,027
1932.....	130,257	5,056,623	38.8	2,275,625	285,343	2,573,977	9.02	6,434,943
1931.....	123,960	5,434,159	43.9	2,157,322	264,286	2,301,527	8.71	9,206,108
1930.....	130,094	5,148,898	39.6	3,569,682	311,817	2,619,049	8.40	10,476,196
1929.....	120,000	4,449,961	32.1	4,460,367	287,566	2,221,467	7.73	9,574,523
1928.....	110,192	4,614,567	41.9	4,714,511	299,307	2,685,727	8.97	11,199,482
1927.....	102,626	3,632,809	35.4	3,613,287	326,964	2,490,660	7.62	10,012,453
1926.....	179,325	6,886,293	38.4	5,529,069	367,772	3,497,071	9.51	15,736,820
1925.....	207,767	9,736,311	46.9	8,131,617	373,133	3,614,233	9.69	15,360,490
1924.....	263,615	11,141,331	42.3	11,737,059	403,060	3,977,017	9.87	17,896,577
1923.....	285,335	12,861,496	45.1	9,710,461	409,628	3,651,102	8.91	14,604,408
1922.....	265,018	12,306,242	46.5	8,609,503	438,819	4,413,191	10.06	17,652,764
1921.....	250,684	13,542,441	54.0	8,012,455	438,343	5,015,082	11.44	25,075,410
1920.....	243,909	12,914,851	52.9	12,867,119	449,176	4,668,054	10.39	23,340,270
1919.....	221,004	10,101,650	45.7	16,400,838	399,549	4,013,946	10.05	20,069,730
1918.....	195,310	8,676,715	44.4	13,650,415	380,946	3,944,313	10.35	17,749,409
1917.....	258,935	7,675,675	29.7	14,278,407	511,329	4,587,176	8.97	18,348,704
1916.....	258,332	8,478,048	32.8	9,446,060	439,411	3,276,185	7.46	10,647,610
1915.....	309,773	14,506,997	46.8	9,885,292	443,736	4,874,377	10.98	12,185,943
1914.....	290,817	15,488,240	53.3	10,622,455	418,105	4,751,223	11.36	11,878,058
1913.....	299,871	14,809,343	49.4	9,545,538	388,138	4,059,345	10.46	10,148,363
1912.....	301,251	14,646,312	48.6	8,162,565	377,982	3,969,597	10.50	9,923,993
1911.....	308,350	14,608,860	47.8	9,693,994	335,935	3,764,227	11.21	9,410,568
1910.....	320,519	16,600,257	51.8	9,301,245	326,627	3,788,364	11.60	7,576,728
1909.....	322,789	15,079,793	46.7	9,705,826	288,346	3,374,655	11.70	6,749,310
1908.....	299,690	15,734,081	52.5	9,440,336	233,753	2,729,265	11.68	5,458,530
1907.....	338,573	14,599,644	43.1	6,219,448	200,354	2,029,547	10.13	4,059,094
1906.....	289,456	15,992,455	55.3	9,019,744	180,796	2,149,413	11.89	4,298,826
1905.....	295,005	13,948,613	47.3	7,720,557	184,784	2,284,812	12.36	4,569,624
1904.....	329,882	13,494,609	40.9	7,570,476	193,115	2,023,340	10.48	4,046,680
1903.....	378,924	19,525,259	51.5	10,807,230	209,727	2,564,400	12.23	5,128,800
1902.....	371,959	13,674,796	36.7	8,327,951	209,859	2,611,334	12.44	5,222,668
1901.....	323,923	16,558,737	51.1	9,438,480	197,932	2,359,514	11.92	4,719,028
1900.....	330,772	18,062,374	54.6	8,588,659	179,798	2,147,532	11.94	4,295,064
1899.....	333,590	14,448,823	43.3	4,291,300	171,935	1,697,755	9.87	3,395,510
1898.....	330,748	15,628,395	47.3	4,711,961	189,948	2,128,073	11.20	4,256,146
1897.....	335,030	16,442,665	49.1	4,858,808	209,005	2,669,822	12.77	5,339,644
1896.....	317,667	16,047,576	50.5	4,717,987	178,962	1,948,780	10.89	3,897,560
1895.....	302,929	16,546,599	54.6	5,609,297	149,899	1,775,654	11.85	3,551,308
1894.....	267,348	10,850,235	40.6	4,247,867	111,361	1,049,765	9.43	2,099,530
1893.....	217,294	9,381,974	43.2	3,729,335	95,865	1,049,524	10.95	2,099,048
1892.....	181,463	7,486,332	41.3	2,953,358	91,403	948,907	10.38	1,897,814
Annual Averages:								
1932-1941.....	172,040	7,025,213	40.8	4,040,332	313,576	2,966,645	9.46	8,575,633
1922-1931.....	178,793	7,621,207	42.6	6,223,288	348,235	3,147,104	9.04	13,171,982
1912-1921.....	262,989	12,084,027	45.9	11,287,114	424,672	4,315,930	10.16	15,936,749
1892-1942.....	246,904	11,287,030	45.7	7,203,122	296,344	2,990,706	10.09	9,407,100

*The combined average area for corn for the ten years, 1882-1891, was 195,878 acres, the average value of the produce for the same period being \$3,704,614. The combined average for corn for the sixty-one years, 1882-1942, was 486,138 acres, the average value of the produce for the same period being \$14,494,548.

STATISTICS OF FARM CROPS
POTATOES AND TURNIPS

The following table gives the area, produce and market value of Potatoes and Turnips for the years 1882 to 1942, together with the annual averages for the various periods of ten years and the average for the sixty-one years.

Years	Potatoes				Turnips			
	Acres	Hundred-weight	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
1942.....	122,000	7,161,000	58.7	12,174,000	39,000	16,878,000	433	3,207,000
1941.....	120,300	7,579,000	63.0	9,095,000	41,600	16,099,000	387	3,219,800
1940.....	146,800	6,753,000	46.0	7,496,000	61,900	26,658,000	430	3,363,000
1939.....	142,108	7,247,000	51.0	8,189,000	61,982	26,034,000	420	3,124,000
1938.....	146,177	7,428,652	50.8	5,779,073	63,407	26,101,938	412	3,132,233
1937.....	150,649	10,130,497	67.2	6,122,043	62,002	24,908,885	402	2,989,066
1936.....	145,046	8,700,037	60.0	11,744,902	61,902	23,226,804	375	3,215,753
1935.....	149,245	7,877,771	52.8	7,878,163	62,248	21,786,804	350	2,614,416
1934.....	164,325	11,829,864	72.0	6,506,762	65,021	25,368,247	390	3,550,155
1933.....	157,536	8,694,295	55.2	8,694,061	66,100	20,228,057	306	2,427,366
1932.....	156,252	9,515,764	60.9	6,565,765	65,952	25,456,398	386	2,036,511
1931.....	168,158	12,015,901	71.5	4,735,770	68,323	23,489,120	344	2,348,912
1930.....	159,192	10,965,033	68.9	10,906,175	74,133	25,386,998	342	5,077,400
1929.....	148,435	8,484,053	57.2	15,271,732	72,502	22,848,692	315	4,569,738
1928.....	181,241	11,275,111	62.2	11,052,928	71,791	34,323,412	478	6,864,682
1927.....	159,871	9,297,184	58.2	13,662,224	68,479	29,452,281	430	5,448,672
1926.....	153,468	9,897,774	64.5	18,627,771	71,500	23,204,013	325	4,640,803
1925.....	163,790	9,428,872	57.6	21,513,125	73,318	28,015,466	382	5,042,784
1924.....	169,145	14,979,918	88.6	13,355,441	70,110	32,547,607	464	5,533,093
1923.....	164,682	11,479,188	69.7	14,306,447	65,193	27,099,910	416	5,419,982
1922.....	172,858	12,209,725	70.6	10,385,525	67,635	29,923,528	442	5,984,706
1921.....	164,096	9,240,085	56.3	13,589,599	70,715	24,265,547	343	6,673,025
1920.....	157,509	14,377,025	91.3	23,776,530	80,588	40,141,406	498	11,038,887
1919.....	157,286	9,086,953	57.8	25,026,467	85,312	28,740,526	337	7,903,645
1918.....	166,203	11,625,568	69.9	19,238,431	85,449	42,190,382	494	10,547,596
1917.....	146,481	10,975,041	74.9	22,530,291	93,034	39,989,556	430	7,997,911
1916.....	139,523	4,445,057	31.9	9,684,215	91,670	24,067,699	263	3,369,478
1915.....	173,934	7,960,214	45.8	10,805,026	97,451	46,598,851	478	4,659,885
1914.....	167,591	16,030,552	95.7	11,747,332	95,371	46,336,708	486	4,633,671
1913.....	159,661	11,414,469	71.5	12,114,656	97,572	41,889,894	429	4,188,989
1912.....	158,888	12,807,836	80.6	13,604,052	101,529	49,561,566	488	4,956,157
1911.....	162,457	8,351,219	51.4	11,722,539	100,593	39,664,275	394	3,966,428
1910.....	168,454	13,156,682	78.1	10,798,597	108,360	49,425,472	456	4,942,547
1909.....	169,695	14,787,170	87.1	8,989,452	113,400	50,738,940	447	5,073,894
1908.....	166,974	11,110,585	66.5	8,874,201	120,920	41,210,189	341	4,121,019
1907.....	177,186	12,034,605	67.9	11,693,625	123,011	48,205,605	392	4,820,561
1906.....	136,064	9,012,179	66.2	8,080,921	132,512	57,060,151	431	5,706,015
1905.....	132,530	8,619,629	65.0	6,608,383	135,348	57,654,086	426	5,765,409
1904.....	133,819	9,287,473	69.4	7,847,915	133,207	64,861,703	487	6,486,170
1903.....	139,011	10,005,868	72.0	7,354,313	134,469	69,316,341	515	6,931,634
1902.....	144,733	7,765,501	53.7	7,312,514	136,725	71,740,204	525	7,174,020
1901.....	154,155	10,869,982	70.5	7,717,687	145,909	68,287,467	468	6,828,747
1900.....	163,754	12,885,863	78.7	5,605,351	156,583	59,330,395	379	5,933,040
1899.....	168,148	11,960,020	71.1	6,538,144	153,440	58,078,390	379	5,807,839
1898.....	169,946	8,615,175	50.7	6,332,154	151,601	64,727,882	427	6,472,788
1897.....	169,333	9,660,478	57.1	6,424,218	149,336	68,297,148	457	6,829,215
1896.....	178,965	12,783,286	71.4	5,582,035	148,234	69,814,841	471	6,981,484
1895.....	184,647	17,634,530	95.5	5,936,959	151,806	63,496,702	418	6,349,670
1894.....	167,253	10,297,878	61.6	6,075,748	147,657	61,694,487	418	6,169,449
1893.....	142,601	7,746,727	54.3	5,099,929	136,604	56,975,355	417	5,697,535
1892.....	145,703	7,373,890	50.6	6,194,068	129,627	63,541,641	490	6,354,164
1891.....	160,218	14,433,532	90.1	7,842,219	126,075	68,853,452	546	6,885,345
1890.....	158,094	10,536,670	66.6	7,779,575	111,055	47,040,563	424	4,704,056
1889.....	145,812	8,613,317	59.1	6,531,766	111,103	37,021,260	333	3,702,126
1888.....	153,195	13,364,164	86.8	7,060,733	113,188	47,640,237	421	4,764,024
1887.....	140,283	6,406,800	45.7	6,705,784	105,322	31,413,456	298	3,141,346
1886.....	140,143	9,607,415	68.6	7,189,548	98,931	47,061,053	476	4,706,105
1885.....	159,741	12,654,686	79.2	8,668,460	102,303	41,137,735	402	4,113,774
1884.....	168,757	16,527,757	97.9	11,018,504	104,190	44,406,363	426	4,440,636
1883.....	166,823	9,840,469	59.0	10,168,485	98,429	29,879,354	304	2,987,935
1882.....	160,700	11,059,287	68.8	11,796,573	78,823	35,359,331	448	3,535,933
Annual Averages:								
1932-1941.....	147,844	8,575,588	58.0	7,807,077	61,211	23,585,813	385	2,970,830
1922-1931.....	164,084	11,063,276	67.4	13,381,714	70,298	27,629,103	393	5,093,077
1912-1921.....	159,117	10,796,280	67.9	16,211,660	89,869	38,378,214	427	6,596,924
1902-1911.....	153,092	10,413,091	68.0	8,928,246	123,855	54,987,697	444	5,498,770
1882-1942.....	156,760	10,467,464	66.8	10,192,277	98,550	41,422,022	420	5,101,782

STATISTICS OF FARM CROPS
ALFALFA AND HAY AND CLOVER

The following table gives the area, produce and market value of Alfalfa for the years 1912 to 1942, and of Hay and Clover for the years 1882 to 1942, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Alfalfa				Hay and Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
	\$				\$			
1942.....	763,000	2,091,000	2.74	20,220,000	†2,489,000	4,779,000	1.92	42,485,000
1941.....	751,000	1,577,000	2.10	17,079,000	†2,447,000	3,303,000	1.35	34,600,000
1940.....	715,000	1,895,000	2.65	13,511,000	†2,389,000	4,374,000	1.83	28,686,000
1939.....	672,722	1,568,000	2.33	12,403,000	†2,400,149	4,067,000	1.69	30,950,000
1938.....	643,075	1,527,824	2.38	11,076,733	†2,440,625	4,166,076	1.71	28,850,043
1937.....	646,657	1,664,219	2.57	12,162,141	†2,474,861	4,190,574	1.69	29,923,850
1936.....	666,374	1,519,010	2.28	13,276,250	†2,510,329	3,936,141	1.57	34,612,053
1935.....	588,911	1,519,349	2.58	11,499,393	†2,529,452	4,603,677	1.82	32,593,451
1934.....	510,215	934,035	1.83	12,559,686	†2,618,811	2,775,995	1.06	35,032,423
1933.....	560,518	1,300,039	2.32	10,023,129	†2,769,610	4,127,139	1.49	34,708,446
1932.....	527,793	1,403,923	2.66	11,527,009	†2,780,349	4,420,718	1.59	32,005,889
1931.....	431,110	971,304	2.25	9,816,770	†2,858,923	4,615,372	1.61	38,906,045
1930.....	641,686	1,409,528	2.20	16,065,846	†2,849,702	4,353,094	1.53	45,365,729
1929.....	685,880	1,596,212	2.33	19,546,701	†2,915,221	4,661,660	1.60	52,573,554
1928.....	743,230	1,730,135	2.33	20,020,248	†2,811,076	4,455,615	1.59	50,026,378
1927.....	806,397	1,865,868	2.31	21,915,225	†2,832,813	4,914,515	1.73	54,161,232
1926.....	748,473	1,850,392	2.47	25,889,781	†2,889,143	4,248,048	1.47	54,154,454
1925.....	550,645	1,397,462	2.54	19,306,047	†3,022,507	4,181,206	1.38	50,738,655
1924.....	381,258	1,067,717	2.80	12,252,536	3,545,856	5,615,238	1.58	61,283,373
1923.....	299,610	788,431	2.63	8,915,438	3,596,484	5,799,422	1.61	64,069,155
1922.....	221,326	629,135	2.84	7,439,403	3,575,662	5,568,459	1.56	66,964,036
1921.....	177,205	456,378	2.58	8,023,795	3,551,655	3,954,166	1.11	76,193,216
1920.....	162,820	399,581	2.45	10,172,434	3,533,740	4,459,094	1.26	109,036,159
1919.....	146,790	314,419	2.14	7,293,462	3,508,266	5,588,804	1.59	126,750,915
1918.....	144,010	328,971	2.28	6,579,420	3,470,036	4,596,854	1.32	83,344,591
1917.....	189,109	462,956	2.45	5,460,205	3,358,579	6,156,340	1.83	72,705,998
1916.....	177,565	460,788	2.60	4,822,622	3,294,419	6,739,259	2.05	71,503,879
1915.....	165,284	428,739	2.59	6,044,599	3,066,468	3,825,024	1.25	55,660,170
1914.....	163,685	372,759	2.28	5,195,667	3,251,799	3,469,795	1.07	50,721,713
1913.....	167,707	380,606	2.27	5,090,267	3,261,139	3,543,957	1.09	46,212,298
1912.....	189,959	460,201	2.42	5,542,772	3,177,410	4,760,512	1.50	55,906,657
1911.....					3,301,468	4,238,362	1.28	55,767,671
1910.....					3,204,021	5,492,653	1.71	54,407,105
1909.....					3,228,445	3,885,145	1.20	49,754,078
1908.....					3,253,141	4,635,287	1.42	47,696,579
1907.....					3,289,552	3,891,863	1.18	58,806,050
1906.....					3,069,917	4,684,625	1.53	42,630,087
1905.....					3,020,365	5,847,494	1.94	45,142,654
1904.....					2,926,207	5,259,189	1.80	41,915,736
1903.....					2,783,565	4,336,562	1.56	34,432,302
1902.....					2,646,202	4,955,438	1.87	40,386,820
1901.....					2,557,263	4,632,317	1.81	37,012,213
1900.....					2,526,566	3,133,045	1.24	26,568,222
1899.....					2,505,422	3,498,705	1.40	27,010,003
1898.....					2,453,503	4,399,063	1.79	27,362,172
1897.....					2,341,488	3,811,518	1.63	27,366,699
1896.....					2,426,711	2,260,240	.93	21,879,123
1895.....					2,537,674	1,849,914	.73	22,753,942
1894.....					2,576,943	3,575,200	1.39	27,028,512
1893.....					2,766,894	4,963,557	1.79	37,921,575
1892.....					2,515,367	4,384,838	1.74	35,955,672
1891.....					2,549,975	2,392,798	.94	28,498,224
1890.....					2,462,002	4,305,915	1.75	34,232,024
1889.....					2,386,223	3,728,313	1.56	37,208,564
1888.....					2,292,638	2,009,017	.88	33,570,674
1887.....					2,280,643	3,093,610	1.36	35,947,748
1886.....					2,295,151	2,994,446	1.35	29,016,182
1885.....					2,268,091	3,252,155	1.43	32,033,727
1884.....					2,193,369	3,044,912	1.39	29,109,359
1883.....					2,350,969	4,115,535	1.75	37,122,126
1882.....					1,825,890	2,090,626	1.14	24,125,824
Annual Averages								
1932-1941..	628,227	1,490,840	2.37	12,511,734	2,536,019	3,996,732	1.57	32,196,216
1922-1931..	550,962	1,330,618	2.42	16,116,800	3,141,888	4,946,462	1.57	54,824,511
1912-1921..	168,413	406,540	2.41	6,422,524	3,347,351	4,709,381	1.41	74,803,560
1902-1911..					*3,072,288	4,722,662	1.54	47,093,908
1882-1942..	†459,323	11,087,413	2.41	11,959,051	2,804,193	4,153,684	1.48	44,809,623

*Including Alfalfa. †Exclusive of Alsike and Sweet Clover, previously included. †1912-42

STATISTICS OF FARM CROPS
MANGELS AND FIELD CROPS

The following table gives the area, produce and market value of Mangels and all Field Crops for the years 1882 to 1942, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Mangels				All Field Crops		
	Acres	Bushels	Per acre	Market value	Acres	Value	Per acre
				\$		\$	\$ c.
1942.....	18,700	8,510,000	455	1,362,000	8,822,500	202,892,000	23.00
1941.....	19,600	7,958,000	406	1,114,000	8,688,300	163,539,600	18.82
1940.....	36,400	16,393,000	450	1,804,000	9,118,600	138,374,000	15.17
1939.....	36,228	16,044,000	442	1,925,000	9,085,758	150,288,000	16.54
1938.....	35,673	15,503,275	435	1,860,393	9,088,014	126,158,324	13.88
1937.....	33,202	14,130,612	426	1,695,673	9,043,201	150,203,348	16.61
1936.....	32,408	12,941,428	399	1,811,800	9,119,007	162,333,522	17.80
1935.....	33,829	12,787,436	378	1,534,492	9,106,295	131,260,274	14.41
1934.....	33,079	13,826,991	418	1,935,779	8,999,999	143,755,962	15.97
1933.....	32,071	10,785,774	336	1,294,293	9,194,940	124,679,714	13.56
1932.....	31,797	12,781,446	402	1,022,515	9,225,680	114,150,521	12.37
1931.....	32,399	11,855,500	366	1,185,550	9,176,062	125,219,586	13.65
1930.....	29,055	10,626,135	366	2,125,227	10,009,097	173,498,548	17.33
1929.....	30,395	9,728,083	320	1,945,617	10,020,294	236,651,277	23.62
1928.....	33,567	14,738,443	439	2,947,689	10,357,960	244,445,136	23.60
1927.....	34,665	13,494,700	389	2,496,520	10,305,045	256,627,042	24.90
1926.....	34,009	13,548,484	398	2,709,697	10,434,401	257,686,886	24.70
1925.....	35,385	14,881,069	421	2,678,592	10,364,317	261,490,292	25.23
1924.....	35,958	15,616,128	434	2,654,742	10,264,614	264,370,642	25.76
1923.....	35,118	14,865,791	423	2,973,158	10,296,961	219,114,500	21.28
1922.....	35,274	16,366,353	464	3,273,271	10,258,613	223,342,150	21.77
1921.....	31,225	11,909,854	381	3,275,210	10,075,073	222,177,881	22.05
1920.....	36,450	17,174,290	471	4,722,930	10,108,272	367,608,619	36.37
1919.....	35,010	13,409,270	383	3,687,549	9,915,884	397,238,400	40.06
1918.....	40,714	18,244,453	448	4,561,113	9,992,825	363,909,778	36.42
1917.....	49,148	19,492,626	397	3,898,525	9,718,259	333,353,438	34.30
1916.....	42,793	9,756,015	228	1,365,842	9,548,876	223,748,948	23.43
1915.....	50,799	25,356,323	498	2,028,506	9,762,951	210,674,415	21.58
1914.....	50,663	25,439,520	502	2,035,162	9,621,444	199,152,945	20.70
1913.....	54,568	21,935,847	402	1,754,868	9,541,537	168,455,253	17.65
1912.....	60,103	27,671,114	460	2,213,689	9,574,474	185,790,341	19.40
1911.....	64,855	28,126,313	434	2,250,105	9,718,741	179,974,358	18.52
1910.....	68,966	34,686,137	503	2,774,891	9,725,684	175,115,742	18.01
1909.....	70,488	28,928,347	410	2,314,267	9,578,323	167,966,577	17.54
1908.....	67,937	29,870,966	440	2,389,677	9,621,683	164,077,282	17.05
1907.....	68,644	30,260,315	441	2,420,825	9,750,615	176,354,759	18.09
1906.....	69,352	32,263,192	474	2,629,055	8,962,925	144,570,075	16.13
1905.....	69,035	33,816,930	481	2,657,354	8,897,898	142,804,431	16.05
1904.....	71,344	33,595,440	471	2,687,635	8,673,525	134,304,690	15.48
1903.....	80,918	41,768,239	516	3,341,459	8,731,405	136,657,807	15.65
1902.....	76,553	39,140,924	511	3,131,274	8,677,988	146,421,171	16.87
1901.....	61,095	29,683,324	486	2,374,666	8,667,512	128,325,648	14.81
1900.....	54,543	24,728,525	453	1,978,282	8,794,953	114,758,761	13.05
1899.....	53,401	20,898,387	391	1,671,871	8,753,926	105,771,321	12.08
1898.....	47,923	21,957,564	458	1,756,605	8,835,272	110,528,947	12.51
1897.....	41,175	18,103,387	440	1,448,271	8,701,705	106,952,471	12.29
1896.....	36,101	16,849,401	467	1,347,952	8,511,444	88,900,135	10.44
1895.....	34,383	15,961,502	464	1,276,920	8,321,173	99,655,895	11.98
1894.....	27,670	11,532,127	417	922,570	8,227,153	94,055,392	11.43
1893.....	21,519	8,582,568	399	686,605	8,054,612	101,886,557	12.65
1892.....	22,026	10,350,474	470	828,038	8,080,206	110,562,493	13.68
1891.....	22,961	11,779,448	513	942,356	7,834,213	130,866,023	16.70
1890.....	25,953	11,594,518	447	927,561	7,912,297	114,382,305	14.46
1889.....	21,211	7,223,478	341	577,878	7,758,583	106,500,799	13.73
1888.....	21,459	10,020,659	467	801,653	7,616,350	124,244,503	16.31
1887.....	17,924	5,695,761	318	455,661	7,429,084	99,583,524	13.40
1886.....	18,170	8,787,743	484	703,019	7,403,281	104,001,865	14.05
1885.....	16,435	7,660,729	466	612,858	7,350,443	110,068,586	14.97
1884.....	18,341	8,655,184	472	692,415	7,203,958	120,615,798	16.74
1883.....	17,219	6,252,015	363	500,161	7,542,623	114,754,141	15.21
1882.....	15,792	7,711,420	488	616,913	7,125,223	136,939,533	19.22
Annual Averages:							
1932-1941.....	32,429	13,315,696	411	1,599,795	9,066,979	140,474,327	15.49
1922-1931.....	33,583	13,572,069	404	2,499,006	10,148,736	225,244,606	22.19
1912-1921.....	45,147	19,038,931	422	2,954,339	*9,785,960	*267,211,002	27.31
1902-1911.....	70,809	33,245,680	470	2,659,654	9,233,879	156,824,689	16.98
1882-1942.....	39,896	17,446,917	437	1,960,856	9,037,739	169,406,436	18.74

*Including Flax, 1918-1921.

No statistics of "mixed grains" were taken previous to 1907, when an acreage of 443,100 was estimated.

STATISTICS OF FARM CROPS

The following table gives the area in Cleared Pasture for the years 1909 to 1942.

Years	Pasture (cleared)	Years	Pasture (cleared)
	Acres		Acres
1942.....	2,717,000	1925.....	3,193,941
1941.....	2,701,000	1924.....	3,317,532
1940.....	2,712,000	1923.....	3,472,642
1939.....	2,749,462	1922.....	3,401,033
1938.....	2,793,291	1921.....	3,401,998
1937.....	2,782,811	1920.....	3,432,620
1936.....	2,828,310	1919.....	3,499,802
1935.....	2,831,416	1918.....	3,561,754
1934.....	2,908,275	1917.....	3,509,945
1933.....	2,995,468	1916.....	3,409,581
1932.....	3,012,529	1915.....	3,350,420
1931.....	3,039,026	1914.....	3,302,503
1930.....	3,149,460	1913.....	3,120,146
1929.....	3,134,614	1912.....	3,082,671
1928.....	3,000,172	1911.....	3,116,768
1927.....	3,012,786	1910.....	3,159,712
1926.....	3,077,424	1909.....	3,180,780

STATISTICS OF FARM CROPS

ALSIKE AND SWEET CLOVER

The following table gives the area, produce and market value of Alsike and Sweet Clover for the years 1925 to 1942.

Years	Alsike				Sweet Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				\$				\$
1942.....	36,500	52,000	1.43	509,000	182,000	391,000	2.15	2,389,000
1941.....	80,000	87,000	1.09	835,000	210,000	370,000	1.76	2,353,000
1940.....	71,700	108,000	1.50	665,000	238,700	539,000	2.26	2,382,000
1939.....	82,297	108,000	1.31	751,000	239,370	507,000	2.12	2,618,000
1938.....	95,405	130,834	1.37	779,778	233,594	496,328	2.12	2,451,863
1937.....	55,867	76,268	1.37	515,752	191,360	393,800	2.06	1,900,548
1936.....	78,570	102,277	1.30	711,660	309,407	598,902	1.94	2,977,973
1935.....	59,071	90,969	1.54	559,749	289,956	693,022	2.39	2,966,209
1934.....	67,386	73,503	1.09	844,704	284,224	502,960	1.77	4,728,875
1933.....	92,306	125,844	1.36	882,624	303,072	630,039	2.08	3,244,726
1932.....	95,113	143,668	1.51	918,106	318,552	705,119	2.21	3,701,809
1931.....	97,128	152,516	1.57	1,276,341	306,067	669,446	2.19	4,519,783
1930.....	141,480	206,020	1.46	2,010,571	338,234	704,281	2.08	5,363,894
1929.....	189,848	289,560	1.53	2,958,780	388,106	803,576	2.07	6,595,169
1928.....	155,867	235,325	1.51	2,457,119	413,468	924,608	2.24	7,067,707
1927.....	176,870	290,345	1.64	2,991,247	400,296	927,342	2.32	7,075,797
1926.....	129,477	179,664	1.39	2,217,556	365,102	810,852	2.22	7,222,221
1925.....	177,382	259,649	1.46	2,855,850	344,114	792,340	2.30	7,144,050

STATISTICS OF FARM CROPS
RATIOS OF AREA UNDER CROP

The following table shows the number of acres under the various crops per 1,000 acres of cleared land for the years 1882 to 1912, together with the annual averages for the various periods of ten years and for the whole term of years.

Year	Fall Wheat	Spring Wheat	Barley	Oats	Peas	Beans	Rye	Buckwheat	Corn	Potatoes	*Roots	Hay and Clover	Mixed Grains
1942	49.7	2.8	23.2	129.1	2.2	4.1	5.2	8.3	36.6	8.0	3.8	163.4	75.6
1941	37.3	3.0	24.0	129.6	2.4	6.2	4.9	7.7	35.6	7.9	4.0	161.4	76.7
1940	50.8	4.5	32.7	147.6	3.6	5.6	5.3	11.9	34.4	9.6	6.4	156.4	59.9
1939	48.2	5.4	34.3	149.2	3.4	4.1	5.0	11.0	34.0	9.3	9.1	157.5	60.0
1938	48.4	5.7	35.5	147.7	3.4	3.9	4.8	12.0	32.8	9.5	8.3	159.3	58.0
1937	46.9	6.1	36.3	147.8	3.8	3.7	4.9	12.7	31.5	9.8	8.3	161.5	58.1
1936	33.5	6.4	34.1	154.2	4.4	3.7	3.5	12.9	31.0	9.5	8.8	165.0	62.6
1935	36.5	6.5	34.4	156.2	4.5	3.7	3.9	12.3	32.4	9.8	9.1	166.2	60.9
1934	28.0	6.4	32.0	157.5	4.5	3.3	3.7	14.1	31.9	10.8	9.1	172.6	62.0
1933	36.8	6.4	30.4	152.4	3.9	3.4	3.6	13.6	27.8	10.4	8.7	182.3	62.3
1932	35.3	6.6	30.1	154.1	3.9	4.1	3.8	13.0	27.4	10.3	8.8	183.2	65.0
1931	34.6	6.5	28.8	153.5	3.9	5.0	4.1	11.8	25.6	11.1	9.2	188.3	66.7
1930	44.6	6.5	40.2	162.6	5.3	4.4	3.5	18.1	29.1	10.5	9.4	187.7	63.1
1929	45.6	7.0	41.0	154.0	5.2	4.2	3.4	19.4	26.9	9.8	9.3	192.2	58.9
1928	45.8	7.2	40.6	175.5	7.3	3.4	4.4	17.9	27.0	12.0	10.1	185.5	59.8
1927	49.6	7.9	34.0	177.7	7.0	3.1	4.8	16.5	28.4	10.6	9.5	187.1	52.8
1926	53.4	7.6	29.7	187.3	6.5	3.4	5.7	15.5	36.2	10.2	9.8	191.1	51.0
1925	49.5	7.5	28.9	187.9	8.8	4.0	6.5	17.1	38.5	10.8	9.8	234.7	45.1
1924	47.9	6.7	29.1	191.7	8.7	3.5	8.4	15.9	44.2	11.2	9.6	235.1	42.8
1923	47.6	7.4	30.1	197.1	7.8	2.7	8.2	15.3	46.2	10.9	8.3	238.9	43.1
1922	54.2	8.3	28.9	202.1	7.0	2.7	10.2	13.2	46.9	11.5	8.4	238.1	36.8
1921	41.4	10.2	30.8	206.1	7.1	1.8	8.2	9.9	45.9	10.9	8.8	236.5	41.2
1920	51.0	17.9	32.4	192.5	7.3	1.5	8.9	9.6	46.3	10.5	10.4	247.1	38.9
1919	41.6	24.2	38.2	179.5	8.5	1.5	9.4	12.0	41.7	10.6	9.9	245.3	42.2
1918	24.5	23.8	44.6	197.6	7.7	6.8	7.6	15.1	38.9	11.2	10.3	244.2	41.9
1917	39.8	12.4	37.4	187.6	6.1	7.5	9.0	10.4	52.3	10.0	11.4	240.9	35.0
1916	47.9	9.8	35.9	183.0	6.5	3.7	10.1	15.6	47.5	9.5	10.8	236.2	33.1
1915	55.5	11.1	37.8	196.4	8.7	4.3	11.9	13.2	51.5	11.9	11.9	221.0	32.5
1914	47.0	8.1	39.7	190.2	12.2	3.5	9.5	12.1	48.6	11.5	11.5	234.0	31.3
1913	44.5	8.0	43.0	186.0	12.2	4.6	8.2	15.7	47.4	11.0	12.0	236.2	28.5
1912	52.6	8.5	44.8	180.1	15.3	4.8	7.4	14.3	47.0	11.0	12.8	233.1	31.0
1911	58.2	9.3	42.9	187.7	21.2	3.6	6.9	13.1	44.8	11.3	13.4	229.6	33.8
1910	51.9	9.0	43.7	192.5	28.2	3.5	6.6	13.6	45.2	11.8	14.5	223.7	34.8
1909	46.5	9.5	48.8	189.0	26.7	3.2	6.6	12.4	42.9	11.9	14.5	226.5	33.3
1908	48.1	10.1	51.9	196.3	28.1	3.3	6.2	9.9	37.7	11.8	14.9	230.2	32.3
1907	47.9	10.2	54.3	207.7	24.1	3.4	4.8	8.0	38.2	12.6	15.1	233.0	31.4
1906	55.8	12.2	53.6	192.6	29.1	3.6	5.7	7.5	33.3	9.7	14.7	217.6	.....
1905	57.2	13.6	55.5	191.5	26.9	3.6	7.3	7.3	34.4	9.5	15.1	216.8	.....
1904	43.8	16.3	55.9	192.2	24.6	3.7	9.5	7.3	37.9	9.7	15.3	211.9	.....
1903	48.8	18.2	52.0	193.4	29.9	3.9	13.1	7.0	43.2	10.2	16.4	204.0	.....
1902	55.2	22.3	48.8	184.3	39.2	4.0	13.9	6.9	42.9	10.7	16.3	195.0	.....
1901	67.8	26.6	47.4	179.3	44.9	4.0	11.8	6.6	38.8	11.5	16.1	190.3	.....
1900	80.4	28.3	43.4	180.4	49.8	3.3	10.7	7.7	38.4	12.3	16.7	190.0	.....
1899	80.1	30.4	37.4	180.3	56.7	3.1	10.5	10.1	38.6	12.8	16.6	191.1	.....
1898	80.7	30.0	33.8	182.9	66.6	3.4	12.7	11.5	40.1	13.1	16.4	188.8	.....
1897	73.9	25.2	35.1	189.3	69.8	3.9	14.6	11.8	42.3	13.2	15.7	182.2	.....
1896	69.2	20.2	36.5	191.4	65.5	5.4	11.7	11.5	39.2	14.1	15.4	191.5	.....
1895	59.8	18.0	38.5	191.0	64.4	5.8	9.7	10.9	36.4	14.9	16.0	204.2	.....
1894	63.4	18.7	39.6	190.6	63.9	4.8	7.3	11.8	30.8	13.6	15.2	209.6	.....
1893	75.5	29.4	38.6	159.9	61.0	4.0	5.6	11.0	25.9	11.8	13.9	228.4	.....
1892	80.6	54.3	41.7	155.3	64.6	2.8	6.1	10.4	22.8	12.2	13.4	209.8	.....
1891	72.0	43.3	46.9	156.0	63.8	3.5	5.7	9.1	20.4	13.6	13.4	216.1	.....
1890	61.8	51.6	60.2	161.5	67.0	4.4	8.8	7.7	19.2	13.6	12.7	211.2	.....
1889	71.6	34.7	76.3	167.6	61.7	1.9	7.9	4.9	16.3	12.7	12.5	208.0	.....
1888	73.2	32.5	79.2	163.6	61.6	2.0	7.4	5.1	19.7	13.6	12.9	202.8	.....
1887	80.8	43.6	69.1	151.5	65.4	1.9	6.2	5.8	14.7	12.6	11.9	205.3	.....
1886	81.0	52.8	67.3	148.3	64.4	1.9	6.2	6.5	14.3	12.8	11.5	209.8	.....
1885	80.6	67.6	65.1	142.2	59.5	2.3	7.2	5.7	15.5	14.7	11.7	208.9	.....
1884	80.5	67.2	65.2	138.0	53.2	2.3	9.6	6.7	16.3	15.7	12.4	204.3	.....
1883	104.1	55.6	71.8	134.6	51.5	2.5	17.8	6.4	20.3	15.8	12.0	223.1	.....
1882	116.8	57.7	83.4	136.4	55.1	1.9	18.2	4.9	20.3	15.8	10.3	179.5	.....
Annual Averages:													
1932-1941	40.2	5.7	32.4	149.6	3.8	4.2	4.3	12.1	31.9	9.7	6.1	166.5	62.6
1922-1931	47.3	7.3	33.1	178.9	6.7	3.6	5.9	16.1	34.9	10.9	9.3	207.8	52.0
1912-1921	44.5	13.4	38.4	189.9	9.1	4.0	9.0	12.9	46.6	10.0	11.0	237.5	35.6
1902-1911	51.3	13.0	50.7	192.8	27.7	3.6	8.0	9.4	40.1	10.9	15.8	219.0	33.1
1883-1942	54.6	17.8	42.0	174.6	25.2	3.7	7.6	11.4	35.4	11.3	10.0	202.7	48.7

*Mangels and turnips. †1907-1911. ‡1907-1942.

STATISTICS OF FARM CROPS

MARKET PRICES

The following table gives the average Market Prices of Agricultural Products for the years 1882 to 1942, together with the annual averages for the various periods of ten years and for the whole term of years.

Years	Fall Wheat per bush.	Spring Wheat per bush.	Oats per bush.	Barley per bush.	Peas per bush.	Beans per bush.	Rye per bush.	Buckwheat per bush.	Corn (shelled) per bush.	Hay per ton	Potatoes per cwt.
	cents	cents	cents	cents	cents	\$ c.	cents	cents	cents	\$ c.	cents
1942.....	88.0	88.0	44.0	57.0	199.0	1.50	65.0	61.0	80.0	8.89	170.0
1941.....	94.0	90.0	44.0	56.0	187.0	1.65	66.0	58.0	74.0	10.48	120.0
1940.....	63.0	65.0	32.0	44.0	187.0	1.75	50.0	46.0	55.0	6.56	111.0
1939.....	64.0	66.0	34.0	46.0	177.0	2.25	58.0	52.0	55.0	7.61	113.0
1938.....	56.0	58.0	27.9	40.8	150.0	1.00	43.5	41.1	43.0	6.92	77.8
1937.....	103.9	102.4	42.1	58.5	156.0	1.07	78.0	59.6	60.5	7.14	60.4
1936.....	109.0	108.0	48.0	80.0	155.0	2.02	84.0	69.0	68.0	8.79	135.0
1935.....	71.0	73.0	28.0	40.0	95.0	1.45	40.0	40.0	45.0	7.08	100.0
1934.....	88.0	85.0	35.0	50.0	85.0	1.27	55.0	47.0	65.0	12.62	55.0
1933.....	66.0	67.0	33.0	41.0	80.0	.92	51.0	42.0	56.0	8.41	100.0
1932.....	46.0	45.0	25.0	36.0	65.0	.49	37.0	35.0	45.0	7.24	69.0
1931.....	51.6	50.9	25.0	36.5	62.6	.58	41.9	42.3	39.8	8.43	39.3
1930.....	66.3	65.5	29.7	35.9	104.8	1.44	48.5	51.7	69.3	10.42	99.5
1929.....	124.0	125.2	62.4	76.5	163.0	3.03	97.1	83.2	100.2	11.28	180.0
1928.....	122.0	119.2	55.5	74.2	152.8	3.83	95.2	81.5	102.2	11.23	93.0
1927.....	124.7	122.1	57.3	77.6	149.8	2.35	95.3	77.9	99.5	11.02	147.0
1926.....	125.1	125.1	51.8	68.0	150.6	2.34	87.2	77.0	80.3	12.75	188.2
1925.....	133.6	133.0	45.2	68.1	135.5	2.11	87.1	73.2	88.6	11.61	228.2
1924.....	133.9	137.0	54.2	82.2	151.1	2.29	107.5	86.7	105.3	10.91	89.2
1923.....	96.2	96.3	45.4	62.8	144.8	2.43	73.7	73.2	75.5	11.05	124.7
1922.....	104.6	105.1	43.5	61.3	140.3	2.54	78.4	73.5	69.9	12.03	85.0
1921.....	110.5	109.4	50.4	65.7	153.0	2.35	82.6	74.0	59.1	19.27	147.0
1920.....	193.4	183.8	58.2	93.8	193.3	2.88	142.0	105.5	99.6	24.25	165.3
1919.....	237.2	240.9	97.7	145.8	263.9	4.00	159.1	140.7	162.3	22.68	275.3
1918.....	210.9	208.6	75.0	103.6	217.7	4.49	151.7	135.0	157.4	18.13	165.5
1917.....	209.8	209.7	77.9	125.7	321.0	6.91	162.6	142.9	186.0	11.81	205.3
1916.....	161.3	162.2	66.0	101.9	210.5	5.46	118.8	109.0	111.5	10.60	216.8
1915.....	97.1	98.6	39.5	56.0	161.6	3.11	78.9	71.5	68.1	14.51	135.7
1914.....	109.1	107.9	49.5	64.3	136.6	2.14	84.9	71.5	68.6	14.55	73.3
1913.....	85.0	87.9	36.9	55.5	100.6	1.70	66.2	63.5	64.5	13.07	106.2
1912.....	91.7	90.0	38.6	58.7	110.3	1.93	70.0	54.5	55.8	11.77	106.2
1911.....	86.6	90.7	44.2	73.9	98.2	1.90	84.9	60.4	66.3	13.16	140.3
1910.....	86.6	89.6	35.0	52.0	80.7	1.55	63.2	50.0	56.0	9.91	82.0
1909.....	102.3	100.6	39.5	54.8	84.6	1.61	67.4	53.4	64.4	12.81	60.8
1908.....	89.2	90.8	40.3	52.4	82.7	1.48	69.7	54.2	60.0	10.25	79.8
1907.....	92.7	86.4	48.8	59.4	78.0	1.52	69.4	57.4	42.6	15.11	97.2
1906.....	70.7	68.9	34.0	45.0	70.6	1.39	60.9	49.5	56.4	9.10	89.7
1905.....	76.5	74.9	33.6	42.9	65.3	1.32	56.8	50.0	55.4	7.72	76.7
1904.....	98.7	94.2	32.3	43.7	63.0	1.22	57.6	48.6	56.1	7.97	84.5
1903.....	75.1	74.4	29.3	42.1	64.3	1.41	48.6	44.3	55.4	7.94	73.5
1902.....	70.7	69.6	34.8	45.1	71.0	1.35	50.5	48.0	60.9	8.15	94.3
1901.....	66.1	66.8	36.2	45.0	65.3	1.25	49.3	48.4	57.0	7.99	71.0
1900.....	66.4	67.5	26.5	38.9	57.1	1.00	48.5	43.7	47.6	8.48	43.5
1899.....	66.7	66.5	27.7	39.5	57.3	1.08	50.0	45.5	29.7	7.72	54.7
1898.....	69.4	69.2	25.8	38.0	52.2	.70	43.5	38.2	30.2	6.22	73.5
1897.....	78.2	78.6	22.6	27.0	42.1	.65	37.7	30.0	29.6	7.18	66.5
1896.....	71.0	70.6	20.0	31.6	44.0	.68	36.6	30.5	29.4	9.68	43.5
1895.....	69.3	69.8	29.1	40.4	54.8	.95	45.6	36.8	33.9	12.30	33.7
1894.....	55.0	55.5	30.8	40.5	53.6	1.10	44.2	39.2	39.2	7.56	59.0
1893.....	59.9	59.4	33.2	40.1	54.0	1.18	47.5	41.8	39.8	7.64	65.8
1892.....	70.7	67.8	30.8	41.3	59.0	.99	55.8	42.2	39.5	8.20	84.0
1891.....	95.1	92.9	36.5	49.1	63.8	1.06	72.3	44.1	46.7	11.91	54.3
1890.....	94.2	91.3	41.1	50.2	60.3	1.29	52.7	43.0	45.8	7.95	74.0
1889.....	88.4	88.1	30.5	44.0	55.7	1.27	50.9	39.5	38.9	9.98	75.8
1888.....	102.4	99.3	40.5	60.1	65.4	1.14	60.2	49.3	44.0	16.17	52.8
1887.....	78.4	78.0	34.6	56.7	55.9	.98	49.5	45.0	43.1	11.62	104.7
1886.....	73.6	72.5	32.0	51.3	52.6	.84	52.2	33.7	41.4	9.69	74.8
1885.....	81.5	80.6	31.5	55.2	58.0	.80	55.2	39.2	41.9	9.85	68.5
1884.....	80.5	81.4	33.1	53.6	64.4	1.18	59.7	40.0	67.5	9.56	66.7
1883.....	105.0	107.0	38.0	57.0	71.0	.....	62.0	.....	.....	9.02	103.3
1882.....	101.0	106.0	43.0	65.0	74.0	1.97	64.0	40.0	60.0	11.54	106.7
Annual Averages											
1932-1941	74.0	75.1	34.4	48.9	127.2	1.41	56.0	48.3	57.5	8.06	91.0
1922-1931	110.6	108.5	47.1	64.2	139.3	2.23	83.2	73.3	81.6	11.08	121.0
1912-1921	144.5	171.6	58.5	86.0	172.3	2.35	111.4	94.4	93.5	15.88	150.2
1902-1911	83.6	81.2	36.7	50.1	74.8	1.48	60.2	52.4	57.3	9.97	85.7
1882-1942	94.0	96.3	41.8	57.5	72.4	1.80	71.7	63.1	*63.8	10.79	97.4

*Average for 51 years, 1892-1942.

STATISTICS OF LIVE STOCK
NUMBER OF LIVE STOCK ON HAND

The following table gives the number of Horses, Cattle, Sheep, Swine and Poultry on hand in June of each year for the sixty-one years, 1882-1942.

Years	Horses	Cattle	Sheep	Swine	Poultry
	No.	No.	No.	No.	No.
1942	526,976	2,639,212	688,904	1,861,298	24,621,791
1941	533,742	2,641,046	661,900	1,922,357	23,092,833
1940	559,863	2,518,350	694,600	1,997,957	22,901,148
1939	559,468	2,488,041	735,500	1,546,095	22,841,667
1938	560,711	2,492,258	762,000	1,430,309	22,420,047
1937	557,845	2,453,081	793,000	1,457,886	22,536,141
1936	562,916	2,474,194	819,100	1,408,308	22,958,383
1935	562,877	2,469,231	889,700	1,225,310	22,961,834
1934	563,657	2,494,471	920,500	1,177,913	22,802,578
1933	567,093	2,522,180	972,900	1,257,870	22,991,456
1932	578,615	2,528,615	1,025,400	1,375,115	22,929,143
1931	578,157	2,509,205	1,044,600	1,359,176	23,736,125
1930	606,719	2,675,488	1,134,457	1,661,556	22,560,260
1929	606,505	2,671,594	1,130,395	1,681,263	22,045,091
1928	609,249	2,682,053	1,014,106	1,833,538	19,703,576
1927	617,136	2,709,954	956,267	1,883,177	19,048,045
1926	629,659	2,757,799	886,483	1,735,355	17,693,000
1925	644,138	2,809,373	868,526	1,678,595	17,778,581
1924	663,875	2,917,302	870,279	1,807,903	16,751,345
1923	673,371	2,838,087	907,673	1,734,734	15,203,384
1922	685,852	2,836,181	986,617	1,553,434	13,964,317
1921	694,237	2,890,113	1,081,828	1,563,807	11,458,206
1920	704,640	2,881,827	1,129,084	1,614,356	11,005,645
1919	719,569	2,927,191	1,101,740	1,695,487	11,705,809
1918	732,977	2,867,722	972,341	1,656,386	12,281,105
1917	765,873	2,827,609	956,986	1,664,639	13,606,292
1916	775,732	2,734,767	908,066	1,735,254	14,377,844
1915	779,131	2,674,746	908,095	1,769,295	14,273,091
1914	774,544	2,604,628	922,375	1,770,533	14,175,214
1913	751,726	2,628,845	996,155	1,618,734	13,511,383
1912	742,139	2,624,780	1,021,848	1,702,652	13,024,938
1911	737,916	2,593,205	1,040,245	1,744,983	12,942,293
1910	724,384	2,567,128	1,065,101	1,561,042	12,460,787
1909	728,308	2,668,584	1,130,667	1,551,187	12,086,580
1908	726,471	2,824,859	1,143,898	1,818,763	12,285,613
1907	725,666	2,926,236	1,106,083	2,049,666	13,428,076
1906	688,147	2,963,618	1,304,809	1,819,778	10,254,824
1905	672,781	2,889,503	1,324,153	1,906,460	9,738,493
1904	655,554	2,776,304	1,455,482	2,008,984	9,412,683
1903	639,581	2,674,261	1,642,627	1,977,386	9,683,573
1902	626,106	2,562,584	1,715,513	1,684,635	9,762,808
1901	620,343	2,507,620	1,761,799	1,491,885	9,745,236
1900	617,309	2,429,330	1,797,213	1,771,641	9,541,241
1899	615,524	2,318,355	1,772,604	1,971,070	9,344,024
1898	611,241	2,215,943	1,677,014	1,640,787	9,084,273
1897	813,670	2,182,326	1,690,350	1,284,963	8,435,341
1896	624,749	2,181,958	1,849,348	1,269,631	7,734,167
1895	647,696	2,150,103	2,022,735	1,299,072	7,752,840
1894	674,777	2,099,301	2,015,805	1,142,133	7,552,662
1893	685,187	2,057,882	1,935,938	1,012,022	7,114,436
1892	688,814	2,029,140	1,850,473	996,974	7,078,973
1891	678,459	1,978,815	1,693,751	1,156,316	7,006,090
1890	659,636	1,894,712	1,339,695	1,140,559	6,854,864
1889	618,795	1,891,899	1,344,180	835,469	6,304,298
1888	596,218	1,928,638	1,349,044	819,079	6,164,114
1887	575,361	1,948,264	1,396,161	832,817	6,438,361
1886	569,649	2,018,173	1,610,949	860,125	6,968,915
1885	558,809	1,976,480	1,755,605	822,262	6,336,805
1884	535,953	1,925,670	1,890,733	916,158	6,237,606
1883	560,133	1,828,613	1,868,784	906,727	5,847,344
1882	503,604	1,586,312	1,915,303	850,226	5,352,120

VALUES PER HEAD OF LIVE STOCK AND POULTRY ON HAND FOR THE YEARS
1892 TO 1942

Years	Horses all Ages	Cattle		Sheep and Lambs	Swine all Ages	Poultry all Kinds
		Milch Cows	Other Cattle			
	\$	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
1942.....	90	68 69	31 33	8 41	11 45	53
1941.....	85	65 20	29 89	7 73	10 19	49
1940.....	103	55 42	27 43	7 88	10 36	64
1939.....	113	49 42	24 86	6 69	11 04	63
1938.....	98	46 75	28 39	6 76	13 11	61
1937.....	103	47 96	28 92	6 96	10 60	62
1936.....	109	43 40	19 86	6 53	9 45	54
1935.....	103	40 56	18 71	5 80	10 08	52
1934.....	97	36 94	17 53	5 54	9 31	51
1933.....	88	38 41	17 87	5 73	6 94	52
1932.....	75	43 42	20 18	4 92	5 25	45
1931.....	87	52 79	22 49	6 37	8 81	45
1930.....	100	73 11	32 42	9 55	11 22	59
1929.....	110	80 34	35 61	11 02	12 15	61
1928.....	110	68 33	30 09	11 05	10 80	63
1927.....	108	60 92	27 05	10 91	12 83	65
1926.....	108	59 14	26 84	10 93	14 13	70
1925.....	108	58 55	27 70	11 03	14 55	76
1924.....	109	55 41	27 05	8 14	8 96	80
1923.....	111	55 24	25 14	7 27	10 96	82
1922.....	109	52 68	24 25	6 70	10 65	88
1921.....	109	51 56	24 77	7 59	12 28	97
1920.....	127	85 84	44 67	14 34	19 98	1 07
1919.....	129	88 71	46 37	16 45	19 62	97
1918.....	131	83 55	45 52	16 14	18 80	76
1917.....	130	75 54	39 55	10 39	12 89	63
1916.....	131	66 35	34 91	8 13	10 83	55
1915.....	139	60 83	32 18	7 05	9 93	54
1914.....	145	57 01	30 81	6 67	10 14	53
1913.....	151	50 56	27 29	6 27	9 51	51
1912.....	147	47 82	25 61	6 05	8 31	47
1911.....	140	45 31	24 07	5 97	8 36	46
1910.....	128	40 76	22 43	5 75	8 50	43
1909.....	120	38 19	21 45	5 54	7 18	37
1908.....	118	36 90	21 13	5 54	6 67	36
1907.....	117	36 43	21 15	5 36	6 92	36
1906.....	116	35 99	21 62	5 15	7 02	36
1905.....	110	35 06	21 29	4 68	6 44	34
1904.....	104	34 70	20 84	4 41	6 43	33
1903.....	97	34 15	20 58	4 40	6 59	31
1902.....	88	32 96	19 46	4 45	6 69	30
1901.....	81	31 74	18 57	4 41	6 23	29
1900.....	76	31 01	17 93	4 29	5 42	29
1899.....	69	30 31	17 41	4 13	5 16	28
1898.....	63	28 28	15 98	3 88	5 31	28
1897.....	59	26 13	14 58	3 55	5 08	27
1896.....	60	27 60	15 05	3 60	5 12	28
1895.....	62	29 74	16 08	3 81	5 47	28
1894.....	69	31 02	17 15	4 27	6 05	29
1893.....	74	31 63	17 78	4 66	6 54	31
1892.....	81	29 95	17 69	4 63	5 50	30

FORTY-FIRST ANNUAL REPORT
OF THE
**Temiskaming and Northern Ontario
Railway Commission**

ONTARIO GOVERNMENT RAILWAY
HONOURABLE MITCHELL F. HEPBURN, PREMIER

FOR THE YEAR ENDED
March 31st, 1942

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 23, 1943



TORONTO

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1943

Toronto,
April 18, 1943.

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to Your Honour the Forty-First Annual Report of the Temiskaming and Northern Ontario Railway Commission, for the year ending March 31st, 1942.

Respectfully submitted,

M. F. HEPBURN,
Prime Minister and President of the Council.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY COMMISSION

North Bay, Ontario,
September 3rd, 1942.

HONOURABLE MITCHELL F. HEPBURN,
Prime Minister,
Province of Ontario,
Parliament Buildings,
Toronto, Ontario.

SIR:

In conformity with Section 36 of the Temiskaming and Northern Ontario Railway Act, Chapter 55, I have the honour of submitting the Forty-First Annual Report of the Temiskaming and Northern Ontario Railway Commission and its subsidiary, the Nipissing Central Railway Company, for the fiscal year ended March 31st, 1942.

The entire Capital Stock of the Nipissing Central Railway Company is owned by the Commission and is held in trust for the Crown by Officers of the Commission, who form the Board of Directors of the Company. This Company owns the Railway running from Swastika, Ontario, to Noranda, Quebec, and heretofore this line has been operated by the Officers of the Commission as a separate entity, which resulted in certain duplication of records and a rather cumbersome system of accounting procedure. After full consideration it was decided, in order to simplify accounting and to effect other economies, to lease this line to the Temiskaming and Northern Ontario Railway Commission and operate it as part of the parent system. This proposed arrangement was submitted to and approved by the Board of Transport Commissioners for Canada, and was made effective September 1st, 1941.

For purposes of comparison, earnings and expenses of the Temiskaming and Northern Ontario Railway and the Nipissing Central Railway have been combined in the table given below. In future Reports, the earnings of the Nipissing Central Railway Company will consist of the nominal sum of \$1.00 per year rental, and all traffic and other revenues and expenses will be included in the earnings and expenses of the Temiskaming and Northern Ontario Railway.

RESULTS OF OPERATION

(Temiskaming and Northern Ontario Railway and Nipissing Central Railway combined for purpose of comparison)

	Year Ended March 31, 1942	Year Ended March 31, 1941
Operating Revenues.....	\$6,277,832.75	\$5,873,399.83
Operating Expenses.....	4,479,404.95	4,046,878.88
Operating Ratio.....	71.3%	68.9%
Net Operating Revenue.....	\$1,798,427.80	\$1,826,520.95
Non-Operating Income.....	59,507.12	40,764.74
Gross Income.....	\$1,857,934.92	\$1,867,285.69
Deductions from Gross Income (hire of freight Cars Debit balance—Joint facility Rents, Interest, etc.).....	522,749.60	537,305.80
To Profit and Loss Account.....	\$1,335,185.32	\$1,329,979.89
Less Adjustments— (Amounts written off account Road and Equip- ment Retired, doubtful accounts, etc.).....	23,880.35	13,508.90
Net Profit for year.....	\$1,311,304.97	\$1,316,470.99
Previous Surplus.....	5,943,279.19	4,626,808.20
Surplus, end of year.....	\$7,254,584.16	\$5,943,279.19

OPERATING REVENUES AND EXPENSES:

Operating Revenues of \$6,277,832.75 were the highest in the history of the road, the increase over the previous year being \$404,432.92, equal to 6.9%. However, Operating Expenses more than kept pace with Revenues, and for the year the increase in Operating Expenses was \$432,526.07—an increase of 10.6%.

This increase in Operating Expenses is accounted for mainly by the increased cost of locomotive fuel and increased wages paid under regulations pertaining to Wartime Cost of Living Bonuses. As result of war conditions, the supply of locomotive fuel from Nova Scotia was cut off, about May 1st, 1941, and since that date we have been compelled to buy our supply from United States sources at considerably higher cost. This increased cost of locomotive fuel accounts for more than \$170,000 of the increase in Operating Expenses. The Wartime Cost of Living bonuses under Dominion Orders-in-Council amounted to approximately \$200,000.00; the first Cost of Living bonus was made effective June 1st, 1941, under Order-in-Council P.C. 7440 as amended by P.C. 4643, being at the rate of \$1.93 per week. On September 1st, 1941, the rate was increased under these Orders to \$3.20 per week, and on November 16th, 1941, under Order-in-Council P.C. 8253 to \$3.65 per week. Wartime Cost of Living bonuses to employees will amount to more than \$300,000.00 in the current year. It will, therefore, be observed that the increase in Operating Expenses was caused by forces beyond the control of the Railway.

NET PROFIT

Notwithstanding the heavy increase in Operating Expenses mentioned, the Net Profits for the year were only very slightly reduced. After payment of all expenses, including interest on Bond issue in the hands of the Public, and on current Bank Loan, the Net Profits for the year amount to \$1,311,304.97, a reduction from the previous year of \$5,166.02. Based on the Provincial investment of \$30,207,935 the Net Profit for the year was 4.34%.

FINANCIAL

During the year ended March 31st, 1942, the Bank Loan was further reduced by \$1,000,000.00, leaving balance at end of Year of \$1,400,000.00. Debentures due February 1st, 1942, amounting to \$120,000.00 were retired. Thus the total debt reduction for the year was \$1,120,000.00.

TRAFFIC

Car loadings (including loaded cars received from Connections) were consistently heavy throughout the year. The movement of pulpwood, pulp and paper, and forest products generally was very heavy, as was also the products of the mining industry. The decline in passenger traffic, which has been noted in previous years, came to an end in the Spring of 1941, and throughout the year under review, passenger revenues have been consistently higher than in recent years—and the indications are that this improvement will continue until the end of the War.

GENERAL

The outlook at the time of writing (i.e. Midsummer 1942) is for business to remain at present levels for the immediate future. No great war industries have been located in the territory served, but there is a heavy demand for raw materials produced in the North, which are used by war industries elsewhere. The gold mining industry is going through a trying time, due to difficulty of securing equipment, high labour costs, and other conditions which are well

known and need not be commented on in this report. Retail trade, as a whole, continues fair, but in some sections there has been a decline. This is particularly true of the Kirkland Lake Camp. The production of newsprint will probably be somewhat reduced this year, and it is anticipated that the demand for lumber and forest products other than pulpwood, will taper off. On the other hand, the demand for the products of base metal mines will be only limited by the capacity to produce. From these premises the conclusion is reached that passenger earnings will probably increase for the immediate future and freight revenues will remain stationary, while operating expenses will be higher than in the immediate past.

LIGNITE DEVELOPMENT

Under the direction of Mr. W. G. Nixon, Industrial Commissioner, further progress has been made in the study of possibility of processing lignite deposits near Onakawana as a commercial fuel. The railway has carried on the preliminary work in the development of this important source of fuel for the North, but since the actual processing and marketing of fuel is not considered to be a function of the Railway, it has now been decided that further work will be undertaken by the Government under the direction of the Department of Lands and Forests.

All of which is respectfully submitted.

A. H. CAVANAGH,
Chairman and General Manager.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

BALANCE SHEET AS AT 31st MARCH, 1942

Assets	Liabilities
INVESTMENT:	
Road.....\$34,395,488.97	
Railway Equipment and Motor Busses... 6,512,682.39	Loan without interest.....\$30,207,934.92
Restaurant and News Equipment..... 15,384.94	
Improvements to Leased Property..... 13,045.12	
Investment in Affiliated Company— Nipissing Central Railway.....\$40,936,601.42	
Less Reserve.....\$ 4,943,381.00	
..... 674,393.71	
..... 4,268,987.29	
.....\$45,205,588.71	
CURRENT ASSETS:	
Cash.....\$ 162,749.42	Bank of Nova Scotia—Demand Loan.....\$ 1,400,000.00
Accounts Receivable..... 211,147.87	Audited Accounts and Wages..... 468,961.56
Balances due on Townsite Sales..... 3,478.99	Traffic Balances..... 50,206.51
Agents' and Conductors' Balances..... 291,045.96	Debiture Principal..... 6,000.00
Material and Supplies..... 903,172.15	Debiture Interest—Due and Accrued... 39,853.36
Ballast Pit Sidings..... 62,861.48	Employees' Deposits on War Saving Certi- ficates..... 1,668.50
Balances due by Employees on Purchases of Dominion of Canada War Loan (Bonds held as security)..... 18,836.00	..... 1,966,689.93
Other Assets..... 57.91	
.....\$ 1,653,349.78	
DEFERRED ASSETS:	
Pension Fund Investments— Contributory Fund.....\$491,513.92	
Non-Contributory Fund..... 239,149.42	Contributory Fund.....\$491,513.92
.....\$ 730,663.34	Non-Contributory Fund..... 239,149.42
Fire Insurance Fund..... 77,757.13	Fire Insurance Reserve.....\$ 730,663.34
..... 808,420.47	..... 77,757.13
.....\$ 808,420.47	
UNADJUSTED DEBITS:	
Lignite Deposit—Exploration.....\$ 84,911.99	Equipment Retirement Reserve— Railway Equipment and Motor Busses...\$ 1,943,781.46
Insurance Premium Prepaid..... 528.83	Restaurant and News Equipment..... 11,087.00
Advances to Treasurer and Paymaster... 2,228.44	Fidelity Insurance Reserve..... 3,610.43
Accounts in Suspense..... 315.39	Casualty Insurance Reserve..... 5,445.00
..... 87,984.65	Accounts in Suspense..... 7,790.24
.....\$47,755,343.61	Surplus..... 1,971,714.13
	..... 7,254,584.16
	.....\$47,755,343.61

PROFIT AND LOSS

Retired Road and Equipment written off after deducting salvage.....	\$ 13,193.73	Balance at 31st March, 1941.....	\$ 5,943,279.19
Uncollectible Accounts.....	927.69	Profit from Operating for year ended 31st March, 1942.....	1,290,697.15
	\$ 14,121.42	Reduction in Reserve for Loss on Investment in Nipissing Central Railway.....	32,369.33
Balance of Surplus at 31st March, 1942.....	\$ 7,254,584.16	Unclaimed Vouchers.....	173.54
	\$ 7,268,705.58	Unclaimed Wages.....	2,186.37
			<u>\$ 7,268,705.58</u>

PORT ARTHUR, ONTARIO, August 12, 1942.

We have examined the above Balance Sheet and related Profit and Loss Account of Teniskanning and Northern Ontario Railway and with reference to our report of this date, in our opinion, the Balance Sheet is properly drawn up so as to exhibit a true and correct view of the position of the affairs of the Railway as at 31st March, 1942, according to the best of our information and the explanations furnished to us and as shown by the books.

(Signed) BLACK, HANSON & COMPANY,
Chartered Accountants.

COMPARATIVE INCOME STATEMENT

April 1, 1940, to March 31, 1942

	April 1, 1941 to March 31, 1942	April 1, 1940 to March 31, 1941
Operating Income		
Railway Operating Revenues.....	\$6,011,589.08	\$5,410,582.41
Railway Operating Expenses.....	4,280,876.09	3,619,106.25
Net Operating Revenue.....	\$1,730,712.99	\$1,791,476.16
Non-Operating Income		
Hire of Freight Cars—Credit Balance.....	.....	.....
Rent from All Other Equipment.....	\$ 30,528.70	\$ 15,709.88
Joint Facility Rent Income.....	24,614.37	24,405.37
Miscellaneous Income.....	2,765.25	137.00
	<u>\$ 57,908.32</u>	<u>\$ 40,252.25</u>
Gross Income.....	\$1,788,621.31	\$1,831,728.41
Deductions from Gross Income		
Hire of Freight Cars—Debit Balance.....	\$ 260,718.10	\$ 196,667.29
Joint Facility Rents.....	2,938.00	2,945.50
Interest on Funded Debt.....	225,840.00	230,506.68
Interest on Unfunded Debt.....	4,768.78	67,618.56
Ore Royalties.....	1,912.63	3,910.49
Miscellaneous Income Charges.....	1,746.65	100.00
	<u>\$ 497,924.16</u>	<u>\$ 501,748.52</u>
Total Deductions from Gross Income.....	\$ 497,924.16	\$ 501,748.52
Net Income carried to Profit and Loss.....	<u>\$1,290,697.15</u>	<u>\$1,329,979.89</u>

RAILWAY OPERATING REVENUES

	April 1, 1941 to March 31, 1942	April 1, 1940 to March 31, 1941
Freight.....	\$4,466,407.52	\$3,969,794.33
Passenger.....	808,021.05	714,744.82
Excess Baggage.....	4,447.44	6,290.37
Parlor and Chair Car.....	54.70	230.40
Mail.....	70,132.72	67,172.44
Express.....	141,071.22	143,805.70
Milk.....	4,791.15	1,414.32
Switching.....	15,656.65	14,857.14
Dining and Buffet.....	7,787.35	14,481.70
Hotel and Restaurant.....	58,070.32	47,616.74
Station, Train and Boat Privileges.....	477.25	429.46
Storage—Freight.....	1,269.99	998.88
Storage—Baggage.....	382.65	300.55
Demurrage.....	10,546.00	9,763.00
Telegraph.....	81,781.76	81,964.61
Telephone.....	251,907.00	240,423.05
Bus.....	51,245.54	55,791.07
Rent of Buildings and Other Property.....	33,407.26	29,828.79
Miscellaneous.....	4,442.34	11,000.70
Joint Facility—Dr.....	310.83	325.66
	<u>\$6,011,589.08</u>	<u>\$5,410,582.41</u>

SUMMARY OF RAILWAY OPERATING EXPENSES

Maintenance of Way and Structures.....	\$ 884,871.02	\$ 773,920.51
Maintenance of Equipment.....	836,608.78	744,040.82
Traffic.....	24,391.42	23,761.92
Transportation.....	1,973,521.81	1,548,131.25
Miscellaneous Operations.....	309,506.04	312,050.28
General.....	251,977.02	217,201.47
	<u>\$4,280,876.09</u>	<u>\$3,619,106.25</u>
Ratio of Operating Expenses to Operating Revenues.....	71.2%	66.9%

TRAFFIC AND MILEAGE STATISTICS

TEMISKAMING AND NORTHERN ONTARIO RAILWAY
AND
NIPISSING CENTRAL RAILWAY

Passenger Traffic

Number of passengers carried earning revenue.....	383,283
Number of passengers carried one mile.....	34,463,735
Number of passengers carried one mile per mile of road.....	60.041
Average distance carried—miles.....	89.92
Total passenger revenue.....	\$ 834,747.77
Average amount received from each passenger.....	\$ 2.18
Average receipts per passenger per mile (cents).....	02.42
Total passenger service train revenue.....	\$1,058,227.11
Passenger service train revenue per mile of road.....	\$ 1,843.60
Passenger service train revenue per train mile.....	\$ 1.86

Freight Traffic

Number of tons carried earning revenue.....	2,226,200
Number of tons carried earning revenue one mile.....	407,766,446
Number of tons carried earning revenue one mile per mile of road.....	710,395
Average distance haul of one ton—miles.....	183.2
Total freight revenue.....	\$4,699,091.60
Average amount received for each ton.....	\$ 2.11
Average amount received per ton per mile (cents).....	01.15
Freight revenue per mile of road.....	\$ 8,186.57
Freight revenue per train mile.....	\$ 5.85

Total Traffic

Operating revenue.....	\$6,277,832.75
Operating revenue per mile of road.....	10,936.99
Operating revenue per train mile.....	4.57
Operating expenses.....	4,479,404.95
Operating expenses per mile of road.....	7,803.84
Operating expenses per train mile.....	3.26
Net operating revenue.....	1,798,427.80
Net operating revenue per mile of road.....	3,133.15

Car Mileage

Average number of passengers carried one mile per car mile.....	8.7
Average number of passengers carried one mile per train mile.....	60.5
Average number of passenger cars per train mile.....	6.9
Mileage of passenger cars.....	3,947,419
Mileage of loaded freight cars.....	17,324,459
Mileage of empty freight cars.....	6,808,988
Average number of freight cars per train mile.....	31.0
Average number of loaded freight cars per train mile.....	21.5
Average number of empty freight cars per train mile.....	8.5
Average number of tons of freight per train mile.....	507.4
Average number of tons of freight per loaded car mile.....	23.5
Average miles operated during the year.....	574

Train Mileage

Mileage of revenue passenger trains.....	569,808
Mileage of revenue freight trains.....	803,644
Total revenue train mileage.....	1,373,452

Statement of Miles of Track Operated at Close of Fiscal Year
March 31st, 1942

MAIN LINE:	
North Bay to Timmins.....	257.30
Porquis to Cochrane.....	28.10
Cochrane to Moosonee.....	186.20
	<u>471.60</u>

**Statement of Miles of Track Operated at Close of Fiscal Year
March 31st, 1942—(Continued)**

BRANCH LINES:			
Earlton to Elk Lake.....	28.50		
Englehart to Charlton.....	7.60		
Porquis to Iroquois Falls.....	6.6		
Swastika to Noranda.....	59.7		
			102.40
OTHER TRACKS:			
Yard Tracks and Sidings.....			122.9
PRIVATE SIDINGS OPERATED BY THE RAILWAY:			
Under Private Siding Agreement.....	23.7		
Owned by Private Companies.....	1.99		
			25.69
SIDINGS OPERATED BY PRIVATE COMPANIES:			
Under Private Siding Agreement.....	9.23		
			9.23
			<u>731.82</u>

DETAILS OF RAILWAY EQUIPMENT

	March 31, 1941	Additions During Year	Retirements During Year	March 31, 1942
LOCOMOTIVES:				
Passenger-Freight.....	48	0	3	45
Switching.....	6	0	0	6
Total.....	<u>54</u>	<u>0</u>	<u>3</u>	<u>51</u>
FREIGHT EQUIPMENT:				
Box Cars.....	221	0	3	218
Flat Cars.....	263	0	24	239
Stock Cars.....	0	0	0	0
Cabooses.....	36	0	1	35
Gas Transport, Dump, Hart and Cinder Cars.....	145	13	3	155
Total.....	<u>665</u>	<u>13</u>	<u>31</u>	<u>647</u>
PASSENGER EQUIPMENT:				
First Class Cars.....	31	0	0	31
Second Class Cars.....	14	0	3	11
Combination Cars.....	6	0	0	6
Parlour Cafe and Rest Cars.....	3	0	0	3
Baggage and Express Cars.....	13	0	0	13
Diesel Power.....	1	0	0	1
Other Cars in Passenger Service.....	10	1	0	11
Total.....	<u>78</u>	<u>1</u>	<u>3</u>	<u>76</u>
WORK EQUIPMENT:				
Business.....	3	0	0	3
All other Cars in Railway's Service.....	133	7	3	137
Total.....	<u>136</u>	<u>7</u>	<u>3</u>	<u>140</u>

STATEMENT OF HIGHWAY SERVICE EQUIPMENT

March 31st, 1942

	March 31, 1941	Additions During Year	Retirement During Year	March 31 1942
Busses.....	8	1	2	7
Trucks.....	1	0	0	1
	<u>9</u>	<u>1</u>	<u>2</u>	<u>8</u>

NIPISSING CENTRAL RAILWAY COMPANY

BALANCE SHEET AS AT 31st MARCH, 1942

Assets	Liabilities
INVESTMENT:	
Cost of Road.....\$ 4,268,987.29	Capital Stock.....\$ 159,000.00
Deficit.....674,393.71	Temiskaming and Northern Ontario Railway—Advance.. 4,784,381.00
\$ 4,943,381.00	\$ 4,943,381.00

DEFICIT ACCOUNT

Deficit at 31st March, 1941.....\$ 718,940.04	Profit from Operating for year ended 31st August, 1941....\$ 44,488.17
	Unclaimed vouchers written off.....57.16
	Temiskaming and Northern Ontario Railway—Lease.....1.00
	\$ 44,546.33
	Deficit at 31st March, 1942.....674,393.71
	\$ 718,940.04

PORT ARTHUR, ONTARIO, August 12th, 1942.

We have examined the above Balance Sheet and related Deficit Account of Nipissing Central Railway Company and with reference to our report of this date, in our opinion, the Balance Sheet is properly drawn up so as to exhibit a true and correct view of the position of the affairs of the Railway as at 31st March, 1942, according to the best of our information and the explanations furnished to us and as shown by the books.

(Signed) BLACK, HANSON & COMPANY,
Chartered Accountants.

COMPARATIVE INCOME STATEMENT

April 1, 1940, to August 31, 1941

	April 1, 1941 to August 31, 1941	April 1, 1940 to March 31, 1941
Operating Income		
Railway Operating Revenues.....	\$266,243.67	\$462,817.42
Railway Operating Expenses.....	198,528.86	427,772.63
Net Operating Revenue.....	\$ 67,714.81	\$ 35,044.79
Deductions from Income		
Hire of Freight Cars—Debit Balance.....	\$ 22,974.80	\$ 37,735.80
Rent for All Other Equipment.....	354.48	911.22
Miscellaneous.....	102.64—Cr.	512.49—Cr.
Total Deductions from Income.....	\$ 23,226.64	\$ 38,134.53
Net Income carried to Profit and Loss.....	\$ 44,488.17	\$ 3,089.74—Dr.

RAILWAY OPERATING REVENUES

Freight.....	\$232,684.08	\$377,568.76
Passenger.....	26,726.72	68,271.48
Excess Baggage.....	368.56	868.64
Mail.....	1,772.94	4,322.32
Milk.....	840.61	2,250.37
Switching.....	576.20	1,096.88
Station Train and Boat Privileges.....	44.15	107.60
Storage—Freight.....	230.23	794.45
Storage—Baggage.....	82.70	204.05
Demurrage.....	452.00	715.00
Rents of Buildings and Other Property.....	2,193.72	5,603.64
Miscellaneous.....	271.76	1,014.23
	\$266,243.67	\$462,817.42

SUMMARY OF RAILWAY OPERATING EXPENSES

Maintenance of Way and Structures.....	\$ 52,359.81	\$ 88,717.79
Maintenance of Equipment.....	20,965.19	54,607.97
Traffic.....	1,047.98	1,827.93
Transportation.....	116,781.13	264,372.84
General.....	7,374.75	18,246.10
	\$198,528.86	\$427,772.63
Ratio of Operating Expenses to Operating Revenues.....	74.6%	92.4%

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