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Legislative Assembly



SESSIONAL PAPERS

VOL. LIX.—PART IV.

FIRST SESSION

OF THE

SEVENTEENTH LEGISLATURE

OF THE

PROVINCE OF ONTARIO

SESSION 1927

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TORONTO:

Printed and Published by the Printer to the King's Most Excellent Majesty

1928



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whether ordered to be printed or not.

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- No. 2 Estimates, Supplementary, for the service of the Province for the year ending October 31st, 1927. Presented to the Legislature, March 22nd, 1927. *Printed.* Further Supplementary Estimates for the year ending October 31st, 1927, presented to the Legislature, February 22nd, 1927. *Printed.* Estimates for the year ending October 31st, 1928, presented to the Legislature, March 23rd, 1927. *Printed.*

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- No. 4 Report of the Department of Mines for the year 1926. Presented to the Legislature, March 23rd, 1927. *Printed.*
- No. 5 Report of the Inspector of Legal Offices for the year 1926. Presented to the Legislature, March 24th, 1927. *Printed.*
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- No. 8 Report of the Minister of Public Works for the year 1926. Presented to the Legislature, March 3rd, 1927. *Printed.*
- No. 9 Report of the Department of Game and Fisheries for the year 1926. Presented to the Legislature, March 29th, 1927. *Printed.*

- No. 10 Report of the Department of Labour for the year 1926. Presented to the Legislature, March 3rd, 1927. *Printed.*
- No. 11 Report of the Minister of Education for the year 1926. Presented to the Legislature, March 31st, 1927. *Printed.*
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- No. 15 Report respecting the Hospitals for Insane, Feeble Minded and Epileptic. Presented to the Legislature, March 31st, 1927. *Printed.*
- No. 16 Report of the Board of Parole for the year 1926. Presented to the Legislature, March 31st, 1927. *Printed.*
- No. 17 Report respecting Hospitals and Charitable Institutions for the year 1926. Presented to the Legislature, March 31st, 1927. *Printed.*
- No. 18 Report respecting Prisons and Reformatories for the year 1926 Presented to the Legislature, March 31st, 1927. *Printed.*
- No. 19 Report respecting Children, Neglected and Dependent, for the year 1926. Presented to the Legislature, March 22nd, 1927. *Printed.*
- No. 20 Report of the Board of License Commissioners on the operation of The Ontario Temperance Act for the year 1926. Presented to the Legislature, March 30th, 1927. *Printed.*
- No. 21 Report of the Department of Agriculture for the year 1926. Presented to the Legislature, March 30th, 1927. *Printed.*
- No. 22 Report of the Statistics Branch, Department of Agriculture, for the year 1926. Presented to the Legislature, March 30th, 1927. *Printed.*
- No. 23 Report of the Temiskaming and Northern Ontario Railway Commission for the year 1926. Presented to the Legislature, March 15th, 1927. *Printed.*
- No. 24 Report of the Ontario Railway and Municipal Board for the year 1926. Presented to the Legislature, March 29th, 1927. *Printed.*

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- No. 26 Report of the Hydro-Electric Power Commission for the year 1926. Presented to the Legislature, March 28th, 1927. *Printed.*
- No. 27 Report of the Provincial Auditor for the year 1925-26. Presented to the Legislature, March 24th, 1927. *Printed.*
- No. 28 Report of The Workmen's Compensation Board for the year 1926. Presented to the Legislature, March 25th, 1927. *Printed.*
- No. 29 Report of the Ontario Veterinary College for the year 1926. Presented to the Legislature, March 15th, 1927. *Printed.*
- No. 30 Report of Legislative Grants to Rural and Urban Public and Separate Schools. Presented to the Legislature, February 3rd, 1927. *Not Printed.*
- No. 31 Report of the Ontario Athletic Commission for the year 1926. Presented to the Legislature, February 18th, 1927. *Not Printed.*
- No. 32 Copies of the Regulations and Orders-in-Council made under the authority of The Department of Education Act, or of the Acts relating to Public Schools, Separate Schools or High Schools. Presented to the Legislature, February 18th, 1927. *Not Printed.*
- No. 33 Return to an Order of the House, dated February 18th, 1927, that there be laid before the House a Return showing all regulations made by the Lieutenant-Governor in Council under and by virtue of Section 7 of The Luxury Tax Act, 1925. Presented to the Legislature, February 22nd, 1927. Mr. Newman. *Not Printed.*
- No. 34 Return to an Order of the House, dated February 18th, 1927, that there be laid before the House a Return showing all regulations made by the Lieutenant-Governor in Council under and by virtue of Section 5 of The Gasoline Tax Act, 1925. Presented to the Legislature, March 3rd, 1927. Mr. McQuibban. *Not Printed.*
- No. 35 Report on the Revised and Sessional Statutes for the year 1926. Presented to the Legislature, March 15th, 1927. *Not Printed.*
- No. 36 Report of the Commissioner of Provincial Police Force for 1926. Presented to the Legislature, March 17th, 1927. *Printed.*
- No. 37 Copies of the Orders-in-Council made under the authority of The Northern Development Act, 1926, from April 13th, 1926, to February 1st, 1927. Presented to the Legislature, March 17th, 1927. *Not Printed.*

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- No. 38 Report of The Minimum Wage Board for the year 1926. Presented to the Legislature, March 22nd, 1927. *Printed.*
- No. 39 Statement showing all sums credited to The Highway Improvement Fund and all sums chargeable thereto for year 1926. Presented to Legislature, March 22nd, 1927. *Not Printed.*
- No. 40 Report of the Secretary and Registrar for the Province for the year 1926. Presented to the Legislature, March 22nd, 1927. *Not Printed.*
- No. 41 Report of The Public Service Superannuation Board for the year 1926. Presented to the Legislature, March 23rd, 1927. *Not Printed.*
- No. 42 Report of the Fish and Game Committee of the Ontario Legislature. Presented to the Legislature, March 23rd, 1927. *Not Printed.*
- No. 43 Report of the Commissioner under The Extra-Mural Employment of Sentenced Persons, Act, 1921, for the year 1926. Presented to the Legislature, March 29th, 1927. *Printed.* See Sessional No. 16.
- No. 44 Report of the Standing Committee on Agriculture and Colonization. Presented to the Legislature, March 29th, 1927. *Not Printed.*
- No. 45 Report of the Civil Service Commissioner for the year 1926. Presented to the Legislature, March 30th, 1927. *Not Printed.*
- No. 46 Report on operations under The Northern and Northwestern Ontario Development Act, 1912, for the year 1926. Presented to the Legislature, March 31st, 1927. *Printed.*
- No. 47 Return to the Order of the House dated February 18th, 1927, that there be laid before the House a Return showing the amount of insurance carried on each parcel of property, real and personal, of the Province of Ontario, with the names and addresses of the Agents who placed the various insurances. Presented to the Legislature, March 31st, 1927. Mr. Mewhinney. *Not Printed.*
- No. 48 Return to the Order of the House dated March 31st, 1927, that there be laid before the House a Return of all correspondence between Evan Gray, late Inspector of Insurance, and S. C. Tweed, A. M. Featherstone, The Ontario Equitable Life and Accident Insurance Co., Hon. F. C. Biggs and others, with reference to the purchase of the Policy Holders' Mutual Life Insurance Co., by The Ontario Equitable Co. Presented to the Legislature, March 31st, 1927. Mr. Hogarth. *Not Printed.*
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REPORT
RELATING TO THE REGISTRATION OF
BIRTHS, MARRIAGES AND DEATHS
IN THE
PROVINCE OF ONTARIO
FOR THE
YEAR ENDING 31st DECEMBER

1926

(BEING THE FIFTY-SEVENTH ANNUAL REPORT)

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



TORONTO

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1928



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 Fifty-seventh Annual Report of the Registrar-General, relating to the Registration of Births, Marriages and Deaths in the Province of Ontario during the year 1926.

Respectfully submitted,

FORBES GODFREY,

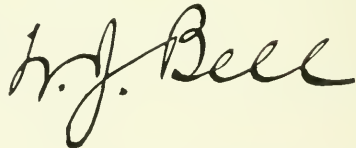
Registrar-General of Ontario.

SIR:—

I have the honour to submit for your approval the Fifty-seventh 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, 1926.

I have the honour to be, Sir,

Your obedient servant,

A handwritten signature in cursive script, reading "H. J. Bell". The signature is written in dark ink and is positioned to the right of the typed name.

Deputy Registrar-General,

TO THE HON. FORBES GODFREY,
Registrar-General of Ontario.

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REPORT UPON

Births, Marriages and Deaths

FOR THE YEAR 1926

The Fifty-seventh Annual Report of Vital Statistics for the Province of Ontario is herewith presented.

POPULATION

The estimated population for 1926 is 3,146,000. This is an increase of 1.13 per cent. over the preceding year. The distribution was as follows:

City municipalities.....	1,302,467 or 41.4%
Towns of over 5,000 population.....	208,896 or 6.6%
Rural (including towns and villages under 5,000 population).....	1,634,637 or 51.9%

BIRTHS

	1926	Ratio	1925	Ratio
Entire Province.....	67,617	21.5	70,122	22.6
Cities.....	29,633	22.7	30,938	24.2
Towns.....	3,980	19.6	5,536	28.8
Rural.....	34,004	20.8	33,639	20.6

There was a numerical decrease of 2,505 and a decrease of 1.1 in the rate.

For the decade 1917-1926, the number and ratio per 1,000 of population were as follows:

Year	Births	Ratio	Year	Births	Ratio
1917.....	62,666	22.6	1922.....	71,320	23.0
1918.....	64,729	23.0	1923.....	70,056	23.1
1919.....	62,774	22.0	1924.....	71,510	23.3
1920.....	72,511	25.1	1925.....	70,122	22.6
1921.....	74,152	25.3	1926.....	67,617	21.5

There were 34,742 male and 32,875 female births, being 105.6 to 100 female births, or 51.3 per cent. of all births were males and 48.7 were females.

NATURAL INCREASE PER 1,000 OF POPULATION

Year	Births	Deaths	Natural Increase	Ratio	Year	Births	Deaths	Natural Increase	Ratio
1917.....	62,666	33,284	29,382	10.6	1922....	71,320	34,034	37,286	12.5
1918.....	64,729	43,038	21,691	7.7	1923....	70,056	35,636	34,420	11.4
1919.....	62,774	34,010	28,764	10.0	1924....	71,510	33,078	38,432	12.5
1920.....	72,511	40,440	32,071	10.7	1925....	70,122	33,960	36,162	11.6
1921.....	74,152	34,551	39,601	13.5	1926....	67,617	35,909	31,708	10.0

This is the smallest rate of natural increase since 1919.

ILLEGITIMATE BIRTHS

(See Table No. 5)

There were 1,823 illegitimate births, this being at the rate of 26.96 per 1,000 living births.

Year	Males	Females	Total	Rate	Year	Males	Females	Total	Rate
1917.....	645	579	1,224	19.5	1922.....	823	687	1,510	21.2
1918.....	726	637	1,367	18.2	1923.....	840	739	1,579	22.5
1919.....	634	607	1,241	19.8	1924.....	923	794	1,717	24.2
1920.....	766	727	1,493	19.7	1925.....	967	914	1,881	26.8
1921.....	796	796	1,592	21.5	1926.....	922	901	1,823	26.9

PLURAL BIRTHS CLASSIFIED TO SHOW NUMBER OF CHILDREN
BORN ALIVE AND STILLBORN BY SEX FOR ONTARIO, 1926

CLASSIFICATION OF BIRTHS

	Total	
Cases of twins.....	854	
Two males (both living).....	243	
One male and one female (both living).....	251	
Two females (both living).....	255	
Total living.....	749	
One male living and one male stillborn.....	20	
One male living and one female stillborn.....	12	
One male stillborn and one female living.....	10	
One female living and one female stillborn.....	29	
Two males (both stillborn).....	16	
One male and one female (both stillborn).....	8	
Two females (both stillborn).....	10	
Total—one living, one stillborn.....	105	
Cases of triplets.....	10	
Three males (all living).....	2	
Two males and one female (all living).....	5	
One male and two females (all living).....	2	
One male living, one female living, one female stillborn.....	1	
Total multiple births.....	No. 863	
	M. 857	
	F. 879	
Total single births.....	No. 2,672	
	M. 1,517	
	F. 1,155	
Total single living births.....	No. 66,021	
	M. 33,955	
	F. 32,066	
Total confinements.....	69,556	

STILL-BIRTHS

There were 2,812 still-born children registered as births, and 2,802 as deaths.

Year	Registered as Births	Registered as Deaths
1917.....	1,425	2,486
1918.....	2,198	1,339
1919.....	2,091	2,463
1920.....	2,495	2,868
1921.....	3,234	3,046
1922.....	3,115	2,946
1923.....	3,028	2,960
1924.....	2,594	2,648
1925.....	2,780	2,774
1926.....	2,812	2,802

BIRTHS BY AGES OF PARENTS

(See Table No. 6)

In 1926 the largest number of infants were born to fathers of thirty years of age, and the largest number of mothers were twenty-six years of age. The twenty-year decade of mothers accounts for 52.2 per cent. of all births.

MARRIAGES

(See Tables 1, 1a, 2, 2a, 2b, 11 to 17, inclusive)

	1926		1925	
	Number	Ratio	Number	Ratio
Entire Province.....	23,632	7.5	23,074	7.4
Cities.....	13,310	10.2	12,818	11.5
Towns.....	1,516	7.2	4,423	12.9
Rural.....	8,806	5.4	5,833	5.1

Year	Marriages	Ratio	Year	Marriages	Ratio
1917.....	21,499 ..	7.7	1922.....	23,360 ..	7.8
1918.....	19,525 ..	6.9	1923.....	24,842 ..	8.2
1919.....	26,328 ..	9.2	1924.....	24,038 ..	7.8
1920.....	29,104 ..	10.0	1925.....	23,074 ..	7.4
1921.....	24,871 ..	8.5	1926.....	23,632 ..	7.5

There was an increase of 558 marriages during the year, which was also an increase of 0.1 in the rate.

(See Tables 11 to 17, inclusive, for months, ages, conjugal conditions, nativity, etc.)

DEATHS

During the year there were registered 35,909 deaths, giving a rate of 11.4 per 1,000 of population. This is an increase over last year, the increase being 0.5, being an increase of 1,949 in the actual number of deaths.

	1926		1925	
	Number	Ratio	Number	Ratio
Entire Province.....	35,909 ..	11.4	33,960 ..	10.9
Cities.....	15,947 ..	12.2	14,747 ..	10.0
Towns.....	2,093 ..	10.0	5,723 ..	9.9
Rural.....	17,869 ..	10.9	13,490 ..	10.3

DEATHS AND RATE PER 1,000 OF POPULATION FOR TEN YEARS

Year	Deaths	Ratio	Year	Deaths	Ratio
1917.....	33,284 ..	12.0	1922.....	34,034 ..	11.4
1918.....	43,038 ..	15.3	1923.....	35,636 ..	11.8
1919.....	34,010 ..	11.9	1924.....	33,078 ..	10.8
1920.....	40,440 ..	14.0	1925.....	33,960 ..	10.9
1921.....	34,551 ..	11.8	1926.....	35,909 ..	11.4

The following table shows the ten highest causes of death for a decade.

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

(The number may be found in table 29 for the current year.)

(For ten years)

	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	No. deaths (1926)
Apoplexy.....	52.3	53.2	54.7	48.1	53.0	53.2	51.2	44.8	43.1	44.6	1,405
Bright's disease.....	36.0	38.2	32.3	33.8	33.4	32.1	39.4	42.6	42.6	49.8	1,568
Brancho-pneumonia.....	27.9	35.5	25.2	34.0	30.2	33.9	37.2	26.5	29.0	30.8	970
Cancer.....	79.3	75.5	76.9	85.1	88.2	87.5	90.0	95.8	95.1	99.0	3,116
Diseases of the arteries.....	46.8	52.2	45.7	64.8	62.2	91.8	70.3	80.1	84.1	86.3	2,718
Infantile diarrhoea.....	23.9	30.1	34.0	53.6	44.9	31.8	22.8	21.1	28.4	19.5	615
Paralysis unspecified.....	19.1										
Influenza.....		262.2	88.8	113.1		22.0	69.2	18.0	32.3	50.4	1,588
Pneumonia.....	99.7	166.5	82.9	91.6	72.3	71.3	64.5	49.3	50.5	60.4	1,902
Tuberculosis.....	88.9	90.0	78.0	78.7	73.4	66.3	65.6	59.2	59.9	58.3	1,835
Organic Heart disease.....	116.0	129.5	114.1	109.5	96.1	126.0	142.0	112.4	116.9	163.1	5,132
Diphtheria.....					22.2						

TUBERCULOSIS

There were 1,835 deaths from tuberculosis, giving a rate of 58.3 per 100,000 of population. This is still a decrease in the rate, being 1.0.

The following table shows deaths for a decade by ages:

DEATHS IN ONTARIO FROM TUBERCULOSIS BY AGES 1917-1926

Year	Total	Ratio per 100,000	Under 5 years													80 and over	Not stated	Total deaths from all causes.	
								5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69				70-79
			0-1	1	2	3	4												
1917	2,460	88.9	51	43	26	19	11	45	70	196	664	490	351	240	144	72	18	20	33,284
1918	2,519	90.0	39	35	35	13	27	40	86	242	677	526	323	207	161	66	15	27	43,038
1919	2,215	78.0	44	32	21	12	25	61	54	175	575	459	311	192	155	66	11	22	34,010
1920	2,280	78.7	48	37	24	21	14	52	74	177	602	480	323	195	146	55	9	23	40,440
1921	2,083	71.0	54	36	28	15	9	39	47	162	578	428	259	192	145	80	8	3	34,551
1922	1,979	66.4	45	31	19	16	13	39	51	154	548	408	261	175	127	75	9	8	34,034
1923	1,989	65.6	47	35	18	16	11	52	55	141	507	422	282	168	158	60	10	7	35,636
1924	1,823	59.5	33	27	22	13	14	41	63	127	448	372	242	182	150	77	7	5	30,078
1925	1,842	59.3	50	32	22	22	7	43	46	146	471	361	257	182	132	56	13	2	33,960
1926	1,835	58.3	39	38	21	13	13	36	67	147	428	363	256	181	142	75	15	1	35,909

COMMUNICABLE DISEASES

The following table shows the number of deaths and rate per 100,000 of population for the communicable diseases:

	1917		1918		1919		1920		1921		1922		1923		1924		1925		1926	
Typhoid Fever	252	9.1	208	7.4	145	5.0	203	7.0	213	7.2	179	6.0	238	7.9	109	3.5	137	4.4	76	2.4
Smallpox.....	1	.03	2	.07	5	0.1	33	1.1	24	0.8	6	0.2	3	0.1	47	1.5	5	0.1	5	0.1
Measles.....	58	2.0	95	3.3	32	1.1	303	10.4	54	1.8	67	2.2	109	3.6	180	5.8	80	2.5	156	4.9
Scarlet fever..	59	2.1	84	2.9	96	3.4	170	6.0	144	4.9	136	4.4	156	5.1	159	5.1	134	4.3	91	2.9
Whooping cough.....	228	8.2	308	10.9	164	5.4	376	13.0	310	10.5	200	6.7	318	10.5	147	4.7	273	8.7	245	7.8
Diphtheria.....	396	14.3	335	11.9	475	16.5	745	25.7	653	22.2	411	13.7	316	10.4	322	10.5	251	8.0	227	7.2
Influenza.....	221	8.4	737	26.1	252	8.5	3276	113.4	509	17.3	960	32.2	2098	19.3	554	18.0	1004	32.3	1588	50.4

It will be noted that there is a decided decline in the deaths from typhoid fever, the rate being the lowest in the decade, and, as a matter of fact, the lowest in the history of the Province. This would appear to be an indication of the value of sanitary engineering. The number of deaths from smallpox and the rate are the same as for the preceding year. There was a decided increase in the number of deaths from measles. The rate and deaths from scarlet fever is lowest when it was the same. The rate and deaths from diphtheria is likewise the lowest in the history of the Province. The number of deaths from influenza would indicate that another epidemic swept over the Province, the rate being the highest since the epidemic of 1920.

INFANT MORTALITY

(See tables 1, 2, 2a, 2b, 18 to 24)

During the year 1926 there were 5,302 deaths of infants under one year of age, 52.1 or 3,032 being males and 47.9 or 2,270 females. 22.0 per cent. under one day and a further 19.6 per cent. over one day and under one week. The largest individual cause is premature births which took 29.3 per cent. of all births under one. As is usually the case deaths from diarrhoea exacted the next largest total, the deaths from this disease showing its greatest force in the third, fourth and fifth month. The following table shows the principal causes of death:

	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
Total births.....	62,666	64,729	62,774	72,511	74,152	71,320	70,056	71,510	70,122	67,617
Whooping cough.....	228	163	110	242	211	112	191	92	169	153
Influenza.....	178	344	207	248	.....	101	236	.....	123	164
Convulsions.....	297	326	265	231	170	146	113	128	107	102
Malformations.....	223	224	280	515	470	488	492	553	567	481
Congenital debility...	2,916	3,087	2,647	3,083	1,029	876	693	590	501	410
Diseases of stomach and diarrhoea.....	597	784	905	1,420	1,176	810	648	650	767	594
Respiratory diseases..	878	850	770	971	825	749	826	647	643	687

DEATHS OF CHILDREN UNDER ONE YEAR OF AGE IN CITIES AND TOWNS OF
5,000 POPULATION AND OVER

	Births	Deaths	Ratio
Belleville.....	347	21	60.5
Brantford.....	610	35	52.3
Chatham.....	436	32	73.4
Fort William.....	642	47	73.3
Galt.....	260	11	42.3
Guelph.....	405	28	69.2
Hamilton.....	2,774	199	71.7
Kingston.....	525	58	110.0
Kitchener.....	689	46	66.8
London.....	1,335	91	68.2
Niagara Falls.....	455	30	65.9
North Bay.....	215	38	176.6
Oshawa.....	512	39	75.2
Ottawa.....	2,869	342	119.1
Owen Sound.....	149	13	87.2
Peterborough.....	535	39	93.0
Port Arthur.....	498	52	104.3
St. Catharines.....	592	39	55.9
St. Thomas.....	334	21	62.9
Sarnia.....	376	34	90.4
Sault Ste. Marie.....	552	40	72.5
Stratford.....	366	30	82.0
Toronto.....	11,185	843	75.3
Welland.....	264	18	64.2
Windsor.....	961	181	188.3
Barrie.....	184	14	76.1
Brockville.....	189	10	52.9
Cobourg.....	114	7	64.1
Collingwood.....	110	7	63.5
Cornwall.....	411	44	107.1
Dundas.....	55	3	54.5
Eastview.....	184	28	152.1
Ford City.....	353	44	124.3
Fort Francis.....	187	15	80.2
Hawkesbury.....	200	30	150.0
Kenora.....	190	20	105.2
Leamington.....	97	7	72.2
Lindsay.....	50	7	140.0
Midland.....	210	21	100.0
Mimico.....	106	7	66.0
New Toronto.....	85	3	35.2
Orillia.....	244	15	61.4
Pembroke.....	383	24	62.7
Port Colborne.....	147	13	88.4
Preston.....	110	7	63.6
Renfrew.....	89	14	157.2
Sandwich.....	230	25	108.6
Smiths Falls.....	166	9	54.2
Sturgeon Falls.....	238	32	134.4
Sudbury.....	393	30	76.3
Timmins.....	514	76	147.8
Trenton.....	130	12	92.2
Walkerville.....	116	7	60.3
Waterloo.....	156	7	44.9
Totals.....	33,613	2,692	

CANCER

The number of deaths from this disease continues to increase, the total number being 3,116 and the rate 99.0 per 100,000 of population, being the highest point reached.

The following table shows the distribution of deaths from the various types according to class as follows:

	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
Buccal cavity.	97 3.5	77 2.7	82 2.8	117 4.0	98 3.3	94 3.1	134 4.4	162 5.2	142 4.6	134 4.3
Stomach.....	701 25.3	647 23.1	623 21.9	782 27.0	860 29.3	869 29.2	938 31.0	1023 33.4	1050 33.8	1111 35.4
Peritoneum...	283 10.2	281 10.0	305 10.7	396 13.6	391 13.0	438 14.7	428 14.1	462 15.0	481 15.5	513 16.3
Female genital organs.....	154 5.5	148 5.3	181 6.3	234 8.0	236 8.0	244 8.2	283 9.4	323 10.5	333 10.7	353 11.2
Breast.....	121 4.3	129 4.6	128 4.5	198 6.8	235 8.0	231 7.7	279 9.2	320 10.4	331 10.7	307 9.8
Skin.....	69 2.4	71 2.5	58 2.0	49 1.7	66 2.2	77 2.6	81 2.7	85 2.7	81 2.6	88 2.8
Unspecified...	771 27.8	750 26.8	805 28.3	688 23.7	699 24.1	656 22.0	531 19.2	571 18.6	533 17.2	610 19.4
Total.....	2196 79.3	2103 75.5	2182 76.9	2464 85.0	2585 88.0	2609 87.5	2724 90.0	2946 95.8	2951 95.1	3116 99.0

	Males	Females
Cancer of the buccal cavity.....	102	32
“ “ stomach and liver.....	610	501
“ “ peritoneum, intestines and rectum.....	232	281
“ “ female genital organs.....	..	353
“ “ breast.....	4	303
“ “ skin.....	57	31
“ “ unspecified organs.....	395	215
	1,400	1,716

The last classification, that is, “cancer of other or unspecified organs,” containing as it does a comparatively large number, the following table shows the analysis. For these there is no provision made in the “International Classification,” hence they are compiled as indicated.

DEATHS FROM CANCER CLASSIFIED UNDER 49 FOR 1926

49-0—EYE AND EAR		49-5—BONES AND JOINTS	
Eye.....	5	Hip.....	7
Optic nerve.....	1	Nasal bone.....	2
Orbit.....	3	Femur.....	6
	9	Humerous.....	4
49-1—CIRCULATORY		Innominate bone.....	2
Axilla.....	3	Tibia.....	1
Glandular system.....	12	Temperal bone.....	1
Glands cirvicle.....	5	Shoulder.....	1
Glands Inguinal.....	1	Sacrum.....	1
Thymus.....	1	Thigh bone.....	1
Thyroid.....	22	Pelvis bone.....	3
Groin.....	4	Osteo-sarcoma.....	6
Heart.....	4		35
	52		
49-2—RESPIRATORY		49-6—OTHERS	
Antrum.....	1	Foot.....	4
Larynx.....	24	Arm.....	4
Lung.....	34	Hand.....	4
Naso-pharynx.....	1	Wrist.....	1
Mediastenum.....	10	Leg.....	1
Thorax.....	2	Pelvis viscera.....	12
Trachea.....	3	Abdominal cavity.....	1
	75	Muscle.....	2
49-3—DIGESTIVE		Brain.....	4
Abdominal.....	5	Spine.....	6
Pancreas.....	56	Neck.....	16
Parotid gland.....	7	Chest.....	2
Spleen.....	2	Pituitary body.....	2
	90	Back.....	1
49-4—GENITO-URINARY		Endothelima.....	1
Bladder.....	96	Loin.....	1
Genital organs.....	1	Perineum.....	1
Kidneys.....	27	Inguinal.....	1
Penis.....	10		64
Prepuce.....	1	49-7—MULTIPLE.....	25
Prostate.....	107	49-8—NOT STATED.....	13
Testicals.....	4		610
Urethra.....	1	Total.....	
	247		

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

Ages	1921-1925		1926	
	Deaths	Ratio	Deaths	Ratio
Under 30.....	269	3.1	62	3.5
30-39.....	545	23.8	120	25.3
40-49.....	1,583	87.8	359	96.1
50-59.....	2,798	214.6	594	221.1
60-69.....	4,065	473.6	871	487.7
70-79.....	3,259	819.7	788	948.7
80 and over.....	1,281	996.8	320	1,195.2
Total.....	13,815	91.6	3,116	99.0

MATERNAL MORTALITY

The number of deaths from puerperal causes in 1926 was 381, giving a rate of 5.34 per 1,000 births (including stillbirths), being seven more than in 1925, but with a slight increase in the death rate.

The number of deaths from individual puerperal causes may be found on pages 222-3.

The following table gives for a period of ten years the number of deaths for the Province, City and Town (over 5,000 population) municipalities and for the Province, exclusive of the urban centres.

NOTE.— In computing these rates, the stillbirths were taken into consideration.

	Province		Cities		Towns		Rural	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
1917.....	328	5.07	164	6.08	30	5.90	134	4.09
1918.....	298	4.45	149	5.35	17	3.73	132	3.93
1919.....	284	4.38	126	4.63	36	8.30	122	3.65
1920.....	489	5.00	247	7.42	53	8.97	189	5.42
1921.....	387	4.97	189	5.57	26	5.08	172	4.46
1922.....	370	5.05	178	5.54	34	6.66	158	4.24
1923.....	369	5.64	182	5.73	40	7.82	149	4.06
1924.....	418	5.32	214	6.63	45	8.50	159	4.30
1925.....	388	5.32	200	6.46	33	5.80	155	4.43
1926.....	381	5.34	227	7.33	29	6.94	125	3.64

DEATHS FROM PUERPERAL CAUSES IN VARIOUS COUNTRIES,
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	Death-rate per 1,000 Births from			
	Period	Puerperal Septicaemia	Other Puerperal Causes	All Puerperal Causes
Denmark.....	1920-24	1.10	1.16	2.26
Netherlands.....	1921-25	0.72	1.72	2.44
Sweden.....	1918-22	1.28	1.40	2.68
Italy.....	1920-24	1.08	1.73	2.81
Uruguay.....	1919-23	1.75	1.13	2.88
Japan.....	1921-25	1.21	2.07	3.28
Hungary.....	1918-22	1.52	1.90	3.28
England and Wales.....	1921-25	1.40	2.50	3.42
Northern Ireland.....	1921-25	1.55	3.21	3.90
Spain.....	1920-24	2.99	1.80	4.76
New Zealand.....	1921-25	1.74	3.26	5.06
Irish Free State.....	1921-25	2.10	2.88	4.98
Germany.....	1920-24	2.77	2.27	5.04
Jamaica.....	1921-25	1.09	4.10	5.19
Australia.....	1922-26	1.70	3.51	5.21
Switzerland.....	1918-22	2.82	2.60	5.42
*Canada.....	1921-25	1.46	4.09	5.55
Belgium.....	1920-24	2.65	3.11	5.76
Scotland.....	1921-25	1.86	4.41	6.27
†United States.....	1920-24	2.54	4.36	6.90
Chile.....	1919-23	2.24	6.00	8.24
Trinidad.....	1923-25	3.58	5.68	9.26
British Guiana.....	1922-25	2.68	11.55	14.23
Ceylon.....	1921-25	8.15	11.94	20.09

*Exclusive of Quebec.

†Registration Area.

ACCIDENTAL DEATHS

The following table shows the chief causes of accidental deaths, and rate per 100,000 of population.

	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
Total.....	1,668 60.02	1,689 60.01	1,630 57.16	1,805 62.04	1,893 64.52	1,807 60.06	1,791 57.41	1,760 57.45	1,871 60.22	1,901 60.04
Burns.....	108 3.68	179 6.37	173 6.07	200 6.91	108 3.68	133 4.46	133 4.39	113 3.69	122 3.95	130 4.27
Drowning....	283 10.21	275 9.78	328 11.50	299 10.33	358 12.21	277 9.29	266 8.58	308 10.05	326 10.48	298 9.78
Falls.....	93 3.35	99 3.52	76 2.66	139 4.80	128 4.36	128 4.29	242 7.99	198 6.46	190 6.11	259 8.50
Railroads....	162 5.85	124 5.12	135 4.73	130 4.49	117 3.99	123 4.13	160 5.28	169 5.52	115 3.70	208 6.83
Automobiles...	49 1.77	59 2.10	91 3.19	119 4.11	108 3.68	103 3.45	208 6.87	205 6.69	256 8.24	242 7.96
Fractures....	231 8.34	224 7.98	207 7.26	261 9.01	301 10.26	247 8.28	145 4.78	169 5.52	196 6.41	199 6.54
Other Acci- dents.....	742 26.8	729 25.9	620 21.7	657 22.7	773 26.3	796 26.7	637 21.0	598 19.5	666 21.4	565 17.9

Table 1A—Number of Births, Deaths and Marriages, and the ratio per 1,000 of population in each county (excluding cities and towns of 5,000 population and over), Ontario, 1926

Counties	Estimated population	Births exclud'g still-births	Ratio per 1,000	Deaths exclud'g still-births	Ratio per 1,000	Marriages	Ratio per 1,000
Total including all municipalities.....	3,146,000	67,617	21.5	35,909	11.4	23,632	7.5
Total, excluding cities and towns of 5,000 and over....	1,634,637	34,004	20.8	17,869	10.9	8,806	5.4
Addington.....	7,282	137	18.8	70	9.6	49	6.7
Algoma.....	25,860	465	18.0	228	8.8	127	4.9
Brant.....	24,726	347	14.0	239	9.7	73	2.9
Bruce.....	44,510	797	17.9	493	11.1	241	5.4
Carleton.....	38,532	533	13.8	286	7.4	131	3.4
Cochrane.....	17,596	1,620	92.0	534	30.0	381	21.0
Dufferin.....	15,144	296	19.5	184	12.1	103	6.8
Dundas.....	17,853	310	17.4	199	11.1	120	6.7
Durham.....	24,900	421	16.9	256	10.3	156	6.3
Elgin.....	29,835	421	14.1	317	10.6	146	4.9
Essex.....	39,432	1,505	38.2	619	15.7	380	9.6
Frontenac.....	23,432	358	15.2	242	10.3	93	4.0
Glengarry.....	21,115	457	21.6	243	11.5	120	5.7
Grenville.....	16,816	265	15.8	194	11.5	128	7.6
Grey.....	46,981	840	17.8	490	10.4	270	5.7
Haldimand.....	21,930	393	17.9	239	10.9	149	6.8
Haliburton.....	6,397	171	26.7	57	8.9	41	6.4
Halton.....	25,654	427	16.6	248	9.7	150	5.8
Hastings.....	40,609	864	21.3	404	9.9	224	5.5
Huron.....	47,187	790	16.8	586	12.4	286	6.1
Kenora.....	14,682	288	19.6	156	10.6	51	3.5
Kent.....	46,846	919	19.6	464	9.9	271	5.8
Lambton.....	38,635	638	16.5	400	10.3	214	5.5
Lanark.....	26,272	471	17.9	284	10.8	141	5.4
Leeds.....	25,221	426	16.9	334	13.2	140	5.5
Lennox.....	11,983	209	17.4	152	12.7	73	6.1
Lincoln.....	31,939	433	13.5	246	7.7	115	3.6
Manitoulin.....	10,783	229	21.2	123	11.4	78	7.2
Middlesex.....	47,298	622	13.1	636	13.4	195	4.1
Muskoka.....	19,574	459	23.4	229	11.7	134	6.8
Nipissing.....	23,959	845	35.3	232	9.7	141	5.9
Norfolk.....	25,103	571	22.7	327	13.0	154	6.1
Northumberland.....	26,335	479	18.2	310	11.8	140	5.3
Ontario.....	35,599	513	14.4	457	12.8	160	4.5
Oxford.....	37,632	519	13.8	341	9.1	160	4.2
Parry Sound.....	27,839	670	24.1	247	8.9	149	5.4
Peel.....	24,618	419	17.0	244	9.9	144	5.8
Perth.....	28,788	584	20.6	330	11.5	192	6.7
Peterborough.....	21,909	320	14.6	204	9.3	80	3.6
Prescott.....	21,622	612	28.3	246	11.4	144	6.7
Prince Edward.....	17,314	283	16.3	205	11.7	99	5.7
Rainy River.....	7,957	442	55.6	156	19.6	88	11.1
Renfrew.....	39,881	997	25.0	441	11.1	226	5.7
Russell.....	21,705	670	30.9	206	9.5	135	6.2
Simcoe.....	57,102	1,014	17.7	629	11.0	268	4.7
Stormont.....	18,253	437	23.9	231	12.7	67	3.7
Sudbury.....	35,915	1,102	30.7	313	8.7	165	4.6
Thunder Bay.....	14,767	235	15.9	119	8.0	18	1.2
Timiskaming.....	30,392	839	27.6	278	9.1	211	6.9
Victoria.....	20,192	305	15.1	233	11.5	74	3.7
Waterloo.....	29,857	609	20.4	291	9.7	144	4.8
Welland.....	38,272	990	25.8	434	11.3	235	6.1
Wellington.....	37,122	713	19.2	523	14.1	208	5.6
Wentworth.....	39,346	471	11.9	479	12.2	144	3.7
York.....	144,134	3,254	22.6	1,241	8.6	488	3.3

Table 2—General summary of Births, Deaths and Marriages in Ontario for Cities, 1926.

CITIES	Popula- tion	BIRTHS (exclusive of still-births)			Ratio per 1,000	DEATHS										Ratio per 1,000	Still-births	Marriages	Ratio per 1,000
		M	F	Total		Under 1 year			1-4 years		5 years and over		Total deaths						
						M	F	M	F	M	F	M	F	Total					
Cities.....	1302467	15250	14383	29633	22.7	1313	1027	362	346	6398	6501	8073	7874	15947	12.2	1320	13310	10.2	
Belleville.....	12688	189	158	347	27.4	18	3	5	4	82	87	105	94	199	15.7	21	126	9.9	
Brantford.....	27855	306	304	610	21.9	26	9	10	8	156	151	192	168	360	12.9	24	266	9.5	
Chatham.....	14788	223	213	436	29.5	17	15	4	5	107	99	128	119	247	16.7	23	159	10.8	
Fort William....	22612	318	324	642	28.4	24	23	10	9	81	86	115	118	233	10.3	24	186	8.2	
Galt.....	12629	142	118	260	20.6	5	6	1	2	71	60	77	68	145	11.5	13	89	7.0	
Guelph.....	19087	206	199	405	21.2	18	10	3	5	101	96	122	111	233	12.2	13	171	9.0	
Hamilton.....	123875	1415	1359	2774	22.4	112	87	41	38	556	589	709	714	1423	11.5	133	1219	9.8	
Kingston.....	21774	266	259	525	24.1	36	22	5	6	180	209	221	237	458	21.0	30	211	9.7	
Kitchener.....	25965	362	327	689	26.5	22	24	6	7	113	110	141	141	282	10.8	24	301	11.6	
London.....	64562	705	626	1331	20.6	41	50	14	19	487	450	542	519	1061	16.4	60	669	10.2	
Niagara Falls..	18569	239	216	455	24.5	15	15	5	6	76	77	96	98	194	10.5	15	221	11.9	
North Bay.....	14414	208	215	423	29.3	11	27	9	5	46	37	66	69	135	9.4	27	101	7.0	
Oshawa.....	17012	260	252	512	30.1	26	14	1	2	64	58	91	74	165	9.7	24	175	10.3	
Ottawa.....	119753	1486	1383	2869	23.9	185	157	45	40	572	619	802	816	1618	13.5	99	942	7.9	
Owen Sound....	12285	168	149	317	25.8	8	5	3	...	66	82	77	87	164	13.3	21	133	10.8	
Peterborough..	21609	269	266	535	24.8	24	15	1	7	116	114	141	136	277	12.8	29	209	9.7	
Port Arthur... 17486	244	254	498	28.5	25	27	8	3	78	64	111	94	205	11.7	21	156	8.9		
St. Catharines. 22469	307	285	592	26.3	28	11	3	7	132	135	163	153	316	14.1	19	211	9.4		
St. Thomas.... 16655	169	165	334	20.0	14	7	6	3	102	93	122	103	225	13.5	18	131	7.8		
Sarnia.....	16128	191	185	376	23.3	16	18	6	3	67	96	89	117	206	12.8	14	158	9.8	
Sault Ste. Marie 21867	288	264	552	25.3	24	16	5	15	106	56	135	87	222	10.1	19	225	10.3		
Stratford..... 18134	189	177	366	20.2	13	17	4	2	83	79	100	98	198	10.9	15	145	8.0		
Toronto.....	559038	5684	5501	11185	20.0	479	364	143	118	2529	2662	3151	3144	6295	11.2	537	5860	10.5	
Welland..... 9704	141	123	264	27.2	12	6	4	6	83	51	99	63	169	16.7	8	145	14.9		
Windsor.....	61351	1161	961	2122	34.6	108	73	18	24	276	253	402	350	752	12.2	78	1003	16.2	
Woodstock.... 10158	114	100	214	21.1	6	6	2	2	68	88	76	96	172	16.9	11	98	9.6		

Table 2A—General summary of Births, Deaths and Marriages for towns of 5,000 population and over, Ontario, 1926

TOWNS 5000 popula- tion and over	Popula- tion	BIRTHS (exclusive of still- births)			Ratio per 1000	DEATHS										Still-births	Marriages	Ratio per 1,000
		M	F	Total		Under 1 year			1-4 years		5 years and over		Total Deaths					
						M	F	M	F	M	F	M	F	Total	Ratio per 1000			
Total.....	208896	1998	1982	3980	19.0	192	160	55	49	831	806	1078	1015	2093	10.0	193	1516	7.2
Barrie.....	7175	99	85	184	25.6	7	7	2	1	53	54	62	62	124	17.3	6	53	7.4
Brockville.... 9133	103	86	189	20.7	4	6	1	3	65	76	70	85	155	16.9	8	93	10.2	
Cobourg.....	5382	47	67	114	21.1	2	5	3	1	38	50	43	56	99	18.4	8	45	8.3
Collingwood.. 5728	50	60	110	19.2	2	5	2	...	42	32	46	37	83	14.5	6	42	7.3	
Cornwall.....	9525	204	207	411	43.1	27	17	3	6	69	105	99	128	227	23.8	20	183	19.2
Dundas.....	5005	36	19	55	11.0	3	...	...	...	21	31	24	31	55	11.0	...	38	7.5
Eastview.....	5718	87	97	184	35.2	14	14	4	5	14	18	32	37	69	13.2	8	35	6.7
Ford City.... 13105	186	167	353	26.9	29	15	3	4	19	14	51	33	84	6.4	9	86	6.5	
Fort Francis.. 5993	98	89	187	31.2	11	4	3	1	30	10	44	15	59	9.8	6	45	7.5	
Hawkesbury.. 5413	108	92	200	39.9	21	9	15	9	23	33	59	51	110	20.0	5	31	5.7	
Kenora.....	7584	95	95	190	25.1	11	9	...	...	37	17	48	26	74	9.8	13	48	6.3
Leamington.. 5011	47	50	97	21.5	3	4	2	1	23	23	28	28	56	12.4	5	68	15.1	
Lindsay.....	7296	75	75	150	21.1	5	2	...	...	64	50	69	52	121	16.6	13	96	13.2
Midland.....	7902	104	106	210	26.5	10	11	1	1	37	31	48	43	91	11.5	11	58	7.3
Mimico.....	5491	51	55	106	19.3	3	4	4	2	29	19	36	25	61	11.1	6	40	7.3
New Toronto.. 5023	32	53	85	16.9	3	...	...	...	3	8	6	8	14	22	2.4	...	12	2.4
Orillia.....	7852	118	126	244	31.1	6	9	...	4	89	65	95	78	173	22.0	5	92	11.7
Pembroke.... 9101	137	146	283	31.1	10	14	7	...	53	62	70	76	146	16.0	26	102	11.1	
Port Colborne 5374	72	75	147	27.4	8	5	1	...	19	11	28	16	44	8.2	4	49	9.1	
Preston.....	5622	61	49	110	19.5	4	3	...	1	17	20	21	24	45	8.0	4	37	6.5
Renfrew.....	5221	78	89	163	31.2	3	9	2	2	28	23	33	34	67	12.8	8	46	8.8
Sandwich.... 9407	124	106	230	24.4	21	4	3	2	22	23	46	29	75	7.9	9	101	10.7	
Smith's Falls. 7006	86	80	166	23.7	4	5	2	3	32	40	38	48	86	12.3	9	64	9.1	
Surgeon Falls. 5044	129	109	238	47.2	20	12	2	4	9	12	31	28	59	11.7	6	35	6.9	
Sulbury.....	9748	196	177	393	40.4	18	12	6	7	79	45	103	64	167	17.1	28	118	11.1
Timmins.....	11552	274	240	514	44.5	40	36	6	9	53	22	99	67	166	14.3	10	152	13.1
Trenton.....	5498	57	73	130	23.8	5	7	3	2	29	18	37	27	64	11.7	3	57	10.4
Walkerville.. 9852	59	57	116	11.8	3	4	...	...	18	17	21	21	42	4.2	5	171	18.2	
Waterloo.... 7135	80	76	156	21.9	5	2	...	...	2	19	30	24	34	58	8.1	6	66	9.2

Table 2B—General summary of Births, Deaths and Marriages in Ontario, for towns of 1,000 population and under 5,000, 1926

Table with columns for Towns, Population, Births (M, F, Total), Deaths (Under 1 year, 1-4 years, 5 years and over, Total), Marriages, and Ratio per 1000.

Table 3—Births (exclusive of Still-births) by Months, Classified as Rural and Urban, for Counties, 1926—Ontario.—Continued

Province and Counties	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		Stormont	848	66	57	68	84	89	68	69	77	69	84	52	65
Rural	437	35	28	38	41	46	32	31	43	36	49	27	31
Urban	411	31	29	30	43	43	36	38	34	33	35	25	34
Cornwall, t.	411	31	29	30	43	43	36	38	34	33	35	25	34
Sudbury	1475	126	137	141	134	146	123	130	104	119	107	117	91
Rural	948	83	83	90	80	95	79	90	71	78	76	68	55
Urban	527	43	54	51	54	51	44	40	33	41	31	49	36
Capreol, t.	70	8	11	9	5	5	11	3	6	5	2	4	1
Chelmsford, t.	18	1	1	4	6	.....	2	.....	1	.....	1	.....	.....
Copper Cliff, t.	66	1	6	5	6	7	4	3	7	6	6	6	6
Sudbury, t.	373	33	36	33	37	39	29	31	24	28	21	33	29
Thunder Bay	1375	122	120	118	138	127	125	122	109	110	88	89	107
Rural	235	30	25	21	38	19	17	15	19	12	11	8	20
Urban	1140	92	95	97	100	108	108	107	90	98	77	81	87
Fort William, c.	642	49	52	51	55	62	59	55	64	56	40	47	52
Port Arthur, c.	498	43	43	46	45	46	49	52	26	42	37	34	35
Timiskaming	839	46	62	84	77	71	88	70	67	61	76	68	69
Rural	544	27	38	55	57	43	63	41	50	38	52	39	41
Urban	295	19	24	29	20	28	25	29	17	23	24	29	28
Cobalt, t.	114	6	11	12	9	15	6	12	5	4	13	12	9
Haileybury, t.	81	2	7	9	6	6	8	9	4	12	5	4	9
New Liskeard, t.	100	11	6	8	5	7	11	8	8	7	6	13	10
Victoria	455	33	40	56	34	51	39	33	28	41	34	32	34
Rural	305	23	23	34	26	30	30	27	15	26	25	24	22
Urban	150	10	17	22	8	21	9	6	13	15	9	8	12
Lindsay, t.	150	10	17	22	8	21	9	6	13	15	9	8	12
Waterloo	1824	141	141	165	178	155	160	146	179	129	151	130	149
Rural	555	42	39	56	51	46	48	54	53	32	41	43	50
Urban	1269	99	102	109	127	109	112	92	126	97	110	87	99
Galt, c.	260	30	11	27	31	28	21	26	15	15	16	17	23
Kitchener, c.	689	44	63	52	65	55	65	45	75	58	68	48	51
Hespeler, t.	54	8	7	7	7	2	3	5	4	2	3	3	3
Preston, t.	110	5	10	9	9	9	11	10	15	8	11	5	8
Waterloo, t.	156	12	11	14	15	15	12	8	16	12	13	14	14
Welland	1709	140	134	170	172	142	137	156	145	133	125	120	135
Rural	660	55	51	63	66	40	53	71	53	55	42	51	60
Urban	1049	85	83	107	106	102	84	85	92	78	83	69	75
Niagara Falls, c.	455	40	37	53	46	35	31	35	43	33	41	29	32
Welland, c.	264	19	18	22	30	33	27	17	24	16	19	24	15
Bridgeburg, t.	60	9	5	1	7	4	5	6	6	5	6	2	4
Port Colborne, t.	147	9	16	15	15	14	15	14	14	11	3	8	13
Thorold, t.	123	8	7	16	8	16	6	13	5	13	14	6	11
Wellington	1118	86	98	77	83	116	94	106	113	87	103	78	77
Rural	625	39	44	52	52	67	46	63	67	53	53	51	38
Urban	493	47	54	25	31	49	48	43	46	34	50	27	39
Guolph, c.	405	39	44	22	27	42	38	32	33	30	41	23	34
Harriston, t.	15	2	2	.....	2	2	.....	2	1	1	2	1	1
Mount Forest, t.	38	3	5	3	2	2	2	7	5	3	4	1	1
Palmerston, t.	35	3	3	.....	2	3	6	4	6	.....	4	1	3
Wentworth	3245	257	258	296	256	294	287	288	268	299	269	225	248
Rural	416	37	29	39	35	30	43	30	42	38	37	23	33
Urban	2829	220	229	257	221	264	244	258	226	261	232	202	215
Hamilton, c.	2774	216	224	254	214	262	242	253	217	255	227	199	211
Dundas, t.	55	4	5	3	7	2	2	5	9	6	5	3	4
York	14439	1196	1086	1277	1282	1343	1247	1248	1181	1205	1207	1094	1073
Rural	2859	248	194	276	240	263	245	238	250	228	245	242	190
Urban	11580	948	892	1001	1042	1080	1002	1010	931	977	962	852	883
Toronto, c.	11185	915	867	974	1009	1042	968	979	898	936	925	827	845
Auroro, t.	54	4	3	3	6	3	4	3	5	7	5	5	6
Mimico, t.	106	15	8	7	12	10	7	7	9	6	8	6	11
Newmarket, t.	90	8	8	5	5	12	7	6	4	13	7	5	10
New Toronto, t.	85	3	3	8	6	9	7	6	10	9	9	8	7
Weston, t.	60	3	3	4	4	4	9	9	5	6	8	1	4

NOTE.—“Urban” includes cities and towns of 1,000 population and over; “Rural” the remaining parts. c, city; t, town.

Table 4—Births (exclusive of Still-births) to Resident and Non-resident Mothers, and Births in Public Institutions, in the Cities and Towns of Ontario of 5,000 Population and over, 1926.

Cities and towns	ALL BIRTHS				BIRTHS IN PUBLIC INSTITUTIONS				BIRTHS ELSEWHERE THAN PUBLIC INSTITUTIONS			
	Total	To resident mothers	To mothers non-resident in city or town of birth, who were		Total	To resident mothers	To mothers non-resident in city or town of birth, who were		Total	To resident mothers	To mothers non-resident in city or town of birth, who were	
			Resident in province	Non-resident in province			Resident in province	Non-resident in province			Resident in province	Non-resident in province
Cities:												
Bellefville.....	347	296	48	3	173	124	46	3	174	172	2	.....
Brantford.....	610	534	71	5	311	240	68	3	299	294	3	.....
Chatham.....	436	277	139	20	243	99	130	14	193	178	9	.....
Fort William.....	642	557	82	3	236	179	55	2	406	378	27	.....
Galt.....	260	208	48	4	129	84	44	1	131	124	4	.....
Guelph.....	405	344	55	6	159	105	50	4	246	239	5	.....
Hamilton.....	2774	2549	203	22	1252	1062	177	13	1522	1487	26	.....
Kingston.....	525	413	104	8	259	157	96	6	266	256	8	.....
Kitchener.....	689	615	70	4	231	169	60	2	458	446	10	.....
London.....	1331	1127	186	18	776	605	157	14	555	522	29	.....
Niagara Falls.....	455	404	45	6	138	97	36	5	317	307	9	.....
North Bay.....	423	382	38	3	86	61	24	1	337	321	14	.....
Oshawa.....	512	463	49	.....	182	140	42	.....	330	323	7	.....
Ottawa.....	2869	2428	282	159	1505	1098	262	145	1364	1330	20	.....
Owen Sound.....	317	260	54	3	135	95	39	1	182	165	15	.....
Peterborough.....	535	438	96	1	339	243	95	1	196	195	1	.....
Port Arthur.....	498	400	96	2	235	162	72	1	263	238	24	.....
St. Catharines.....	592	474	106	12	298	203	88	7	294	271	18	.....
St. Thomas.....	334	277	52	5	189	138	47	4	145	139	5	.....
Sarnia.....	376	328	43	5	155	115	38	2	221	213	5	.....
Sault Ste. Marie.....	552	490	54	8	130	98	28	4	422	392	26	.....
Stratford.....	366	320	43	3	148	108	38	2	218	212	5	.....
Toronto.....	11185	10502	600	83	5184	4633	499	52	6001	5869	101	.....
Welland.....	264	222	40	2	65	33	30	2	199	189	10	.....
Windsor.....	2122	1819	276	27	905	635	250	20	1217	1184	26	.....
Woodstock.....	214	159	54	1	110	57	52	1	104	102	2	.....
Towns:												
Barrie.....	184	129	55	.....	96	50	46	.....	88	79	9	.....
Brockville.....	189	132	50	7	146	90	50	6	43	42	.....	.....
Cobourg.....	114	87	27	.....	51	26	25	.....	63	61	2	.....
Collingwood.....	110	87	22	1	45	25	19	1	65	62	3	.....
Cornwall.....	411	324	82	5	214	130	80	4	197	194	2	.....
Eastview.....	184	180	2	2	1	1	.....	.....	183	179	2	.....
Ford City.....	353	348	1	4	2	2	.....	.....	351	346	1	.....
Hawkesbury.....	200	195	4	1	9	6	3	.....	191	189	1	.....
Ingersoll.....	107	72	33	2	48	15	31	2	59	57	2	.....
Kenora.....	190	138	45	7	98	66	29	3	92	72	16	.....
Lindsay.....	150	117	31	2	67	37	29	1	83	80	2	.....
Midland.....	210	189	17	4	65	49	14	2	145	140	3	.....
Orillia.....	244	153	89	2	156	73	82	1	88	80	7	.....
Pembroke.....	283	222	47	14	99	49	36	14	184	173	11	.....
Preston.....	110	104	5	1	20	17	3	.....	90	87	2	.....
Smith's Falls.....	166	133	30	3	96	66	28	2	70	67	2	.....
Sudbury.....	373	303	68	2	102	54	46	2	271	249	22	.....
Trenton.....	130	123	6	1	.....	.....	.....	.....	130	123	6	.....
Walkerville.....	116	112	4	.....	.....	.....	.....	.....	116	112	4	.....
Waterloo.....	156	154	2	.....	.....	.....	.....	.....	156	154	2	.....

Table 5—Births (exclusive of Still-births) Classified as Legitimate or Illegitimate and as Single or Plural by Sex, for Cities and Towns of Province, Cities and Towns

	Total Births			Legitimate			Illegitimate			Single Births			Twin Births			Triplets					
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	No.	M.	F.	Total	No.	M.	F.	Total	
Ontario.....	34,742	32,875	67,617	33,820	31,974	65,794	922	901	1,823	33,987	32,105	66,092	749	737	761	1,498	9	18	9	27	
Cities and towns of 5,000 and over—																					
Barrie.....	99	85	184	93	84	177	6	1	7	97	85	182	1	2	4	2					
Bellefleur.....	189	158	347	183	152	335	6	6	12	185	152	337	5	4	9	10					
Bellefleur.....	306	304	610	302	298	600	4	3	7	303	300	603	5	6	4	10					
Brookville.....	103	86	189	101	83	184	2	3	5	100	86	186	1	2	3	10					
Chatham.....	225	213	438	212	206	418	11	7	18	214	208	422	7	9	5	14					
Cobourg.....	57	67	124	54	64	118	4	3	7	47	67	114	1	2	3	10					
Cobourg.....	50	116	166	48	110	158	2	4	6	50	60	110	1	2	3	10					
Collingwood.....	204	207	411	198	203	399	4	4	8	200	203	403	4	4	4	8					
Cornwall.....	187	177	364	185	185	370	2	2	4	187	195	382	3	4	2	7					
Eastview.....	186	167	353	183	165	348	3	2	5	182	165	347	3	4	2	7					
Fort City.....	318	324	642	312	315	627	6	3	9	317	321	638	2	1	3	4					
Fort William.....	142	138	280	140	135	275	2	3	5	140	138	278	1	2	3	4					
Galt.....	206	196	402	201	193	394	4	4	8	196	194	390	6	7	5	12					
Guelph.....	1,415	1,359	2,774	1,367	1,304	2,671	48	55	103	1,387	1,323	2,710	32	28	36	64					
Hamilton.....	108	92	200	108	91	199	1	1	2	107	91	198	1	1	2	3					
Hawkesbury.....	46	61	107	45	61	106	1	1	2	46	50	96	1	1	2	3					
Ingersoll.....	95	95	190	94	91	185	1	1	2	94	90	184	3	3	5	8					
Kenora.....	206	259	465	248	245	493	18	14	32	258	257	515	5	8	2	10					
Kingston.....	302	327	629	352	353	665	10	14	24	348	349	615	11	11	8	22					
Kitchener.....	75	75	150	75	75	150	3	3	6	74	74	148	1	1	1	2					
Lindsay.....	705	626	1,331	658	575	1,233	47	51	98	685	608	1,293	10	20	18	38					
London.....	104	106	210	102	104	206	2	2	4	104	100	204	3	3	6	9					
Midland.....	239	216	455	235	211	444	4	5	9	233	212	445	3	6	8	18					
Niagara Falls.....	208	218	426	204	206	410	4	9	13	208	207	415	4	3	6	9					
North Bay.....	118	126	244	115	123	238	3	3	6	118	126	244	0	0	0	0					
Oroville.....	260	252	512	256	248	504	4	4	8	248	246	494	0	0	0	0					
Ottawa.....	1,486	1,383	2,869	1,366	1,269	2,629	120	114	240	1,489	1,344	2,803	33	27	33	66					
Owen Sound.....	168	149	317	161	146	307	7	3	10	165	146	311	3	3	3	6					
Pembroke.....	137	146	283	131	142	273	6	4	10	134	141	275	7	7	7	14					
Peterborough.....	269	266	535	264	262	526	5	4	9	262	259	521	5	5	5	10					
Port Arthur.....	244	254	498	237	250	487	7	4	11	239	249	488	5	5	5	10					
Preston.....	61	49	110	61	48	109	.....	.....	.....	59	49	108	1	2	2	4				
St. Catharines.....	307	285	592	304	279	583	3	6	9	299	281	580	9	6	4	12					
St. Thomas.....	169	165	334	166	161	327	3	4	7	164	164	328	7	5	1	14					
Sarnia.....	191	185	376	189	178	367	2	7	9	180	176	356	2	3	7	9					
Sarnia.....	288	264	552	280	258	538	8	6	14	285	257	542	5	3	7	10					
Sault Ste. Marie.....	86	80	166	85	78	163	1	2	3	85	77	162	2	1	5	4					
Smith's Falls.....	189	177	366	186	172	358	3	5	8	185	175	360	3	4	2	6					
Stratford.....	196	177	373	190	175	365	3	2	5	194	175	369	2	2	4	6					
Sudbury.....	5,684	5,501	11,185	5,473	5,259	10,732	211	242	453	5,875	5,394	10,969	108	109	107	216					
Toronto.....	57	73	130	56	71	127	1	2	3	57	73	130	.....	.....	.....	.....	
Trenton.....	59	57	116	58	57	115	1	1	2	59	57	116	.....	.....	.....	.....	
Walkerville.....	80	76	156	78	75	153	2	1	3	76	76	154	1	2	.....	.....			
Waterloo.....	141	123	264	139	121	260	2	2	4	140	122	262	1	1	1	2					
Welland.....	1,161	961	2,122	1,133	946	2,079	28	15	43	1,142	940	2,082	20	19	21	40					
Windsor.....	114	100	214	114	100	214	.....	.....	.....	113	95	208	3	1	5	6				

Table 6—Births (exclusive of Still-births)

Ages of Father	Total	AGE OF																
		12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Under 18 years.....	19				1	2	9	3	2	1	1							
18.....	95		1	4	7	14	31	12	11	6	5	3						
19.....	283		1	3	16	35	84	67	36	20	8	4	3					
20.....	590			3	18	59	108	112	131	71	36	19	13	4	2			
21.....	1020			3	15	71	142	178	192	167	95	65	32	23	9	12	2	3
22.....	1535			2	17	46	156	213	259	277	240	122	70	54	19	14	13	
23.....	1996			3	11	42	137	215	280	317	339	271	165	78	46	32	24	
24.....	2409			2	6	55	85	193	255	311	364	356	313	165	99	78	44	
25.....	2702			5	3	42	91	153	218	298	349	363	351	330	221	109	73	
26.....	3213			5	7	35	75	131	231	268	363	368	394	371	397	213	129	
27.....	3164			1	14	23	38	79	131	215	297	316	355	384	412	354	215	
28.....	3332			2	7	17	47	90	127	151	247	274	360	346	417	393	326	
29.....	3426			1	4	11	32	60	95	141	201	225	311	330	330	344	404	
30.....	3637			1	7	8	36	58	99	138	177	196	266	311	351	330	384	
31.....	3404				1	10	9	30	63	112	128	140	194	227	312	327	340	
32.....	3300				3	11	15	25	53	72	144	124	145	196	258	265	323	
33.....	3063				2	6	9	27	34	52	68	129	121	159	187	191	267	
34.....	2964				1	2	9	14	30	49	54	74	134	115	159	193	216	
35.....	2952					4	11	10	42	36	37	60	84	121	146	151	187	
36.....	2791					2	3	7	18	32	34	49	59	90	146	121	158	
37.....	2455				1	3	2	2	17	19	22	34	47	59	103	135	122	
38.....	2550					1	3	5	11	17	22	42	45	75	83	74	138	
39.....	2124						1	10	10	16	19	15	35	58	74	48	65	
40.....	2009				2	1	2	5	3	9	18	21	27	29	40	43	57	
41.....	1497				1			1	5	3	9	10	12	25	25	28	42	
42.....	1616						2	1	3	9	9	9	10	21	30	21	38	
43.....	1275						1	3	5	4	9	10	16	10	17	20	41	
44.....	1015						1	2	1	2	8	4	8	7	9	16	9	22
45.....	941							1	1	3	4	8	7	9	14	15	22	
46.....	802							2	2	4	4	9	8	10	13	7	14	
47.....	650								2	1	1	3	5	7	9	7	13	
48.....	557			1					1	2	1	1	5	4	11	6	19	
49.....	420								1	2		2	2	5	1	11		
50.....	379										3	3	3	4	4	5	4	
51.....	218								1		1	2	2	2	3	1	2	
52.....	220						1		1	2		1	2	3	4	3	3	
53.....	154									1	1	1	1	1	1	2	3	
54.....	126							1		1		1	1	1	1	2	2	
55.....	111												1	3	2	2	1	
56.....	86										1	1	1	1	3	1	1	
57.....	69											1	1	2	2	2	2	
58.....	48											1	1		2	1	1	
59.....	41								1						1			
60.....	31											1				1		
61.....	23																	
62.....	16																	
63.....	17								1									
64.....	11																	
65 and over.....	62														2	1	1	2
Not stated.....	376			1	1	3	2	7	4	8	3	4	3	6	4	2		
Children born to married mothers.....	65,794		2	38	146	511	1138	1715	2378	2841	3316	3343	3610	3645	3977	3568	3733	
Children born to unmarried mothers.....	1,823	1	3	11	49	104	174	202	183	181	161	122	89	75	69	40	41	43
Children born to all mothers.....	67,617	1	3	13	87	250	685	1340	1898	2559	3002	3432	3685	3714	4017	3609	3776	

Classified According to Ages of Parents, 1926—Ontario

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 given
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
4	2	1	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
7	7	1	3	2	4	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
13	5	5	3	4	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
34	21	10	5	4	1	2	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
41	16	10	3	9	5	2	2	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
67	60	31	25	8	7	2	12	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
130	74	46	26	20	8	4	5	2	1	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
216	114	69	55	22	19	10	7	6	3	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
347	225	135	81	55	27	19	12	19	7	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
385	357	201	136	66	48	28	18	4	13	3	5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
327	358	353	183	114	63	44	33	11	11	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
292	318	314	289	180	120	51	38	22	19	10	6	2	1	.....	.....	.....	.....	.....	.....	.....	.....	3
260	288	293	308	291	157	82	46	40	17	15	4	2	4	2	1	.....	.....	.....	.....	.....	.....	1
250	303	209	275	285	257	123	89	40	47	10	9	4	2	7	.....	.....	.....	.....	.....	.....	.....	4
218	249	219	270	264	249	288	126	83	40	27	9	12	3	2	.....	.....	.....	.....	.....	.....	.....	3
165	231	237	237	219	270	218	252	107	52	38	17	14	7	5	.....	.....	.....	.....	.....	.....	.....	2
122	180	167	188	194	210	219	197	187	111	55	23	21	6	2	.....	.....	.....	.....	.....	.....	.....	4
118	144	150	199	193	210	198	199	218	185	103	64	24	14	10	.....	.....	.....	.....	.....	.....	.....	3
127	118	106	128	151	139	158	164	197	197	134	86	33	21	9	1	1	.....	.....	.....	.....	.....	2
76	122	94	124	123	109	172	197	167	191	131	128	52	38	15	3	3	1	.....	.....	.....	.....	5
46	55	92	90	80	89	108	156	107	128	117	118	78	44	20	3	4	.....	.....	.....	.....	.....	.....
66	64	67	94	102	66	125	134	120	155	128	135	72	87	30	10	4	1	.....	.....	.....	.....	.....
34	52	40	66	80	88	67	88	92	111	100	101	79	71	48	15	5	1	.....	.....	.....	.....	.....
24	39	33	44	55	72	59	69	81	107	69	73	58	61	36	31	10	4	1	.....	.....	.....	.....
15	29	35	39	25	57	76	54	52	77	76	94	77	62	42	29	10	2	1	.....	.....	.....	4
17	9	22	26	37	40	38	76	54	66	71	60	63	50	32	27	24	12	3	1	.....	.....	1
9	22	12	10	23	26	40	59	48	47	52	51	32	63	49	34	10	9	6	.....	.....	.....	.....
13	5	9	19	23	26	15	43	36	59	43	42	51	45	27	20	11	10	4	3	1	.....	1
12	14	9	14	16	17	21	19	26	45	37	32	29	35	23	25	13	4	1	3	.....	.....	1
5	12	13	6	7	14	26	21	18	39	30	39	24	38	19	18	18	3	2	.....	.....	.....	.....
6	7	8	4	13	7	9	14	10	19	13	20	23	16	11	9	10	3	4	2	.....	.....	1
4	8	6	5	13	11	9	14	10	18	16	22	19	17	12	4	2	4	3	2	.....	.....	.....
3	2	5	3	6	8	6	7	10	7	19	6	15	6	13	15	4	6	2	.....	.....	.....	.....
2	5	6	5	3	4	9	6	9	8	6	9	3	7	5	2	5	4	3	1	.....	.....	.....
1	3	2	6	4	3	9	6	5	5	7	7	3	5	1	2	2	2	.....	.....	.....	.....	.....
.....	1	2	1	1	1	4	6	6	3	6	5	5	5	6	5	.....	.....	.....	.....	.....	.....	.....
2	1	.....	.....	.....	.....	3	.....	4	3	5	4	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	1	.....	.....	5	1	2	2	1	1	8	4	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	2	2	1	3	1	3	4	.....	4	1	4	.....	.....	.....	.....	.....	.....	.....
1	1	1	.....	2	2	2	1	2	1	2	1	4	1	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	4	.....	.....	1	1	1	.....	2	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	.....	1	.....	1	1	1	2	.....	1	1	2	1	2	.....	.....	.....	.....	.....	.....	.....	1
2	4	2	2	8	5	4	2	.....	7	4	2	3	4	1	1	2	1	1	.....	.....	.....	1
1	2	1	1	1	2	1	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	312
3470	3533	3023	2987	2721	2447	2273	2196	1816	1835	1350	1212	816	747	449	254	159	76	40	21	9	5	394
43	29	22	20	21	21	17	15	7	10	11	6	4	6	1	2	1	2	1	1	10	.....	33
3513	3562	3045	3007	2742	2468	2290	2211	1823	1845	1361	1218	820	753	450	256	160	78	42	22	1	5	427

Table 7—Births (exclusive of Still-births) Classified According to Racial Origin of Parents, 1926—Ontario

Racial Origin of Father	Total	RACIAL ORIGIN OF MOTHER																	Other	Not specified												
		English	Irish	Scottish	Welsh	French	German	Armenian	Austrian	Belgian	Bulgarian	Chinese	Czech and Slovak	Danish	Dutch	Finnish	Greek	Hindu			Hungarian	Icelandic	Indian	Italian	Japanese	Jewish	Negro	Norwegian	Polish	Rumanian	Russian	Serb and Croat	Swedish	Swiss	Syrian	Ukranian
English	25855	19300	2327	2761	112	606	410	3	5	...	10	154	11	...	18	13	1	19	15	...	5	2811	2	3	33							
Irish	10873	2631	5297	1755	37	639	314	6	1	...	2	106	4	...	1	2	...	2	13	8	...	2	11	4	17							
Scottish	9512	2823	1643	4301	49	298	208	4	2	...	7	114	6	...	17	5	...	3	8	...	2	16	1	1	0							
Welsh	292	140	43	43	5	10	1	3	5	...	14	3	...	2	5	13	...	4	3	1	1							
French	8681	543	533	216	2	7184	101	2	11	...	1	29	8	...	1	2	...	2	9	...	4	3	1	5								
German	2939	439	270	201	5	91	1870	2	11	...	2	21	...	...	1	2	...	2	9	...	4	2	8	3						
Armenian	57	1	...	...	55	...	...	...	...	...	3	1	...	...	1	...	...	1	5	6	...	3	1	1
Austrian	256	8	2	4	4	3	1	205	1	...	3	1	...	...	1	...	...	1	5	6	...	3	1	1				
Belgian	145	10	2	3	11	1	...	116	...	...	2	2	...	...	1	...	...	1	1	...	1	...	...	...					
Bulgarian	51	7	2	2	3	...	...	5	22	39	1	...	1	...	1	...	...	1	...	...	1	...	...	...					
Chinese	46	3	1	...	3	...	...	...	...	85	14	1	...	...	1	...	...	1	...	...	1	...	...	...					
Czech and Slovak	102	2	4	1	...	2	2	2	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...					
Danish	51	10	6	9	3	4	...	...	...	...	1	233	1	...	1	...	...	1	...	...	2	...	...	...					
Dutch	686	182	108	86	6	31	30	1	3	...	1	287	109	...	4	...	...	1	...	...	1	...	...	...					
Finnish	308	8	2	4	7	4	...	2	2	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...					
Greek	160	18	8	4	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...					
Hindu	...	...	...	...	...	...	...	...	...	...	94	3	...	...	1	...	...	1	...	...	1	...	...	...					
Hungarian	103	2	2	...	1	2	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...					
Icelandic	7	2	1	...	1	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...					
Indian	534	20	7	7	11	...	...	...	...	...	1	487	1284	...	3	4	...	1	...	...	1	...	...	...					
Italian	1496	85	28	24	1	41	8	1	1	2	1	4	1	...	1	...	...	1	...	...	1	...	...	...					
Japanese	8	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...					
Jewish	854	3	9	4	2	1	...	1	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...					
Negro	120	6	2	1	1	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...					
Norwegian	87	31	2	8	3	1	...	8	3	...	1	1	1	...	1	...	...	1	...	...	1	...	...	...					
Polish	648	21	10	6	15	10	...	...	...	...	3	1	...	...	1	...	...	1	...	...	1	...	...	...					
Rumanian	197	13	3	3	10	3	...	7	1	...	4	1	...	...	1	...	...	1	...	...	1	...	...	...					
Russian	330	35	5	8	8	7	...	36	...	...	1	2	...	...	1	...	...	1	...	...	1	...	...	...					
Serb and Croat	106	7	...	...	1	...	...	2	2	...	2	1	...	...	1	...	...	1	...	...	1	...	...	...					
Swedish	189	29	6	13	1	7	...	15	...	...	2	16	...	...	1	...	...	1	...	...	1	...	...	...					
Swiss	77	19	5	7	1	3	...	...	...	...	2	...	...	...	1	...	...	1	...	...	1	...	...	...					
Syrian	85	4	4	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...					
Ukranian*	543	6	2	4	5	2	...	7	...	...	7	4	...	...	1	...	...	1	...	...	1	...	...	...					
Other	315	11	9	2	1	3	...	...	...	...	1	3	...	...	1	...	...	1	...	...	1	...	...	...					
Not specified	48	11	7	16	14	3	...	...	...	...	1	1	...	...	1	...	...	1	...	...	1	...	...	...					

Children born to married mothers.
M 65794
F 31974

Table 8—Births (exclusive of Still-births) Classified

Racial Origin of Mother	Total	AGE OF															
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
English.....	26,468		14	55	204	490	773	983	1152	1372	1436	1480	1551	1665	1475	1498	
Irish.....	10,352		2	14	56	128	192	303	366	444	428	491	558	632	574	598	
Scotch.....	9,497		4	13	50	117	185	289	373	425	448	504	507	567	547	574	
Welsh.....	255			1	1	1	5	4	8	13	10	8	13	18	19	20	
French.....	9,019	2	10	28	106	200	302	383	453	529	499	536	477	527	460	483	
German.....	3,019		2	3	14	40	57	107	137	129	154	168	151	160	168	174	
Armenian.....	56				1	2	2	3	2	3	2	2	2	4	7	8	
Austrian.....	293			4	3	5	17	15	26	17	10	26	7	14	16	12	
Belgian.....	141			1		1	2	7	12	6	9	8	11	9	7	9	
Bulgarian.....	24				1			1	2	2	2	1	1	1	1	2	
Chinese.....	39					1		1	2	1	1	1	1		3	2	
Czech and Slovak.....	106					3	1	3	3	8	7	8	4	11	6	8	
Danish.....	45					4	2	2	4		4	1	2	4	3	2	
Dutch.....	677		1	2	7	12	12	23	30	37	41	41	30	34	33	53	
Finnish.....	348				7	4	7	17	14	25	23	21	24	24	20	18	
Greek.....	111					2	4	5	2	3	15	9	8	9	3	5	
Hindu.....																	
Hungarian.....	113					1	1	5	7	6	7	6	3	7	6	5	
Icelandic.....	6																
Indian.....	551		1	3	8	19	19	26	38	26	19	26	27	25	16	19	
Italian.....	1,318		1	5	31	35	34	51	52	70	64	74	71	71	56	76	
Japanese.....	4													1	2		
Jewish.....	834				2	7	14	25	32	52	42	58	64	63	47	55	
Negro.....	115		1	1	1	5	1	4	5	6	5	4	6	13	6	7	
Norwegian.....	87				1	1	2	4	3	3	5	4	3	7	9	3	
Polish.....	714			4	2	22	16	33	36	43	32	39	33	40	22	32	
Rumanian.....	141		1		3	2	7	7	7	7	10	5	7	5	8	13	
Russian.....	205					4	7	11	7	12	7	8	12	11	13	11	
Serb and Croat.....	94					2	4	6	2	9	6	7	6	6	4	10	
Swedish.....	169				4	1	10	9	8	5	9	11	14	10	6	7	
Swiss.....	55					1	1	1	4	1	3	2	3	1	4	2	
Syrian.....	68			1			1	3	3	6	6	5	1	2	1	2	
Ukrainian*.....	528			7	10	19	22	38	41	44	24	38	32	28	18	18	
Other.....	48		1			2	2	1	2	1	4	6	4		3		
Not specified.....	294			4			7	9	7	8	11	15	8	8	5	7	
Total.....	65,794	2	38	146	511	1138	1715	2378	2841	3316	3343	3610	3645	3977	3568	3733	

*Including 99 married mothers whose racial origin was given as "Galician."

According to Age and Racial Origin of Mothers, 1926—Ontario

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-
1484	1401	1221	1159	1081	964	840	829	701	682	492	440	314	291	156	103	56	24	15	8	3	...	56
581	633	521	524	463	394	440	385	307	365	263	216	146	144	70	38	28	17	3	7	2	...	19
509	533	504	462	430	412	354	324	320	265	214	199	119	99	70	31	10	14	6	1	1	...	15
11	17	14	11	11	15	8	13	5	6	5	3	6	2	1	2	1	2	...	...	...	...	1
407	404	354	358	339	312	280	308	219	256	170	154	130	110	82	34	24	11	9	2	2	...	58
175	164	150	147	128	119	109	104	79	86	73	71	40	33	30	19	18	4	2	...	...	...	3
4	3	2	3	2	...	1	2	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...
10	14	13	9	13	11	11	15	4	6	2	4	2	2	2	2	1	...	...	...	...	...	1
5	9	7	4	5	7	6	...	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...
1	3	...	2	1	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
2	2	...	4	3	...	...	3	...	1	3	1	...	...	...	...	1	...	...	...	...	...	1
6	8	2	2	2	4	7	3	2	5	...	2	...	...	...	...	1	1	...	...	...	...	1
2	2	1	...	2	2	1	1	2	2	1	...	1	...	...	...	...	...	...	...	...	...	...
33	39	28	33	38	20	24	15	15	19	15	8	12	11	8	...	1	1	...	...	...	...	1
17	12	15	11	13	10	7	9	10	5	4	7	5	5	7	2	1	...	1	...	...	...	3
5	8	3	7	5	4	2	1	3	2	1	1	1	...	...	...	...	...	...	...	...	...	3
...	...	8	1	5	2	5	1	4	1	4	4	4	...	1	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
16	24	12	20	13	14	18	15	6	6	13	5	3	7	...	5	1	...	...	...	...	...	101
61	72	39	64	57	43	47	47	38	42	27	32	15	15	5	4	3	2	...	1	...	...	13
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
38	51	34	46	28	30	23	32	20	26	12	15	2	4	1	2	2	...	1	...	1	...	5
9	8	1	5	2	1	5	5	5	4	2	1	1	1	...	1	1	...	...	...	...	...	...
6	4	3	4	2	2	5	1	5	2	3	1	1	1	...	1	1	...	...	...	...	...	...
26	44	28	44	32	20	30	31	33	12	13	14	6	7	6	3	4	...	1	1	...	1	4
3	6	3	8	3	8	5	4	4	3	5	2	1	...	1	...	...	...	...	...	...	...	3
14	11	8	9	11	10	11	5	3	9	3	4	...	1	1	...	...	...	...	...	...	...	2
1	4	4	2	...	4	3	3	4	1	1	1	1	...	1	...	...	...	...	...	...	...	2
10	4	6	8	7	7	6	8	5	4	...	3	1	1	1	1	1	...	1	...	...	...	1
2	1	5	3	2	5	3	1	5	2	1	...	4	...	2	...	...	...	...	...	...	...	1
3	5	1	3	2	2	4	1	2	4	4	...	...	...	1	1	1	...	...	...	...	...	...
15	25	19	23	14	18	12	15	11	9	4	8	2	1	1	3	1	...	...	1	...	...	7
2	1	3	1	2	1	2	...	2	1	4	2	...	...	2	...	...	...	...	...	...	...	...
7	12	10	5	7	5	3	3	2	3	5	8	1	7	1	2	1	...	1	...	...	...	94
3470	3533	3023	2987	2721	2447	2273	2196	1816	1835	1350	1212	816	747	449	254	159	76	40	21	9	5	394

Table 9—Births (exclusive of Still-births)

Birthplace of Father	Total	BIRTHPLACE														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other
Canada.....	44637	37	231	161	2836	34163	224	69	38	41	850	3061	312	821	59	18
Prince Edward Island.....	58	8	3	3	5	22	1	2	1	1	1	6	1	3	1	1
Nova Scotia.....	303	2	101	10	10	111	4	1	1	1	1	39	1	6	1	6
New Brunswick.....	216	3	10	67	18	76	1	1	1	1	23	1	3	1	1	1
Quebec.....	3375	1	8	11	1560	1454	10	1	4	5	3	116	15	35	3	1
Ontario.....	39242	23	105	66	1226	32223	167	56	32	35	82	2681	281	734	54	16
Manitoba.....	215	2	9	1	116	38	3	1	1	1	14	2	4	1	1	1
Saskatchewan.....	44	2	1	1	23	3	5	1	1	1	2	1	2	1	1	1
Alberta.....	35	2	1	1	23	1	1	1	1	1	8	1	1	1	1	1
British Columbia.....	33	1	1	1	20	1	1	1	1	1	6	1	1	1	1	1
Province not specified.....	1114	1	1	6	95	1	1	1	1	1	763	166	10	33	2	1
British Isles.....	13055	6	47	23	134	3539	50	9	5	4	367	5498	665	2173	131	38
England.....	8878	3	36	15	83	2495	30	7	5	4	281	4837	162	567	75	15
Ireland.....	1189	1	2	3	17	358	8	1	1	1	40	170	425	118	6	1
Scotland.....	2734	2	8	5	31	602	12	1	1	1	40	413	75	1474	11	5
Wales.....	201	1	1	1	69	1	1	1	1	1	5	66	3	10	39	1
Other.....	53	1	1	2	15	1	1	1	1	1	1	12	4	4	17	1
British Possessions.....	400	2	14	3	5	94	1	1	1	1	4	74	7	11	1	1
Newfoundland.....	211	2	12	1	4	46	1	1	1	1	1	19	3	7	1	1
Other.....	189	2	2	1	1	48	1	1	1	1	3	55	4	1	1	1
Europe.....	5463	9	9	72	534	63	33	3	1	1	58	178	15	45	1	3
Austria.....	337	1	1	1	18	16	6	1	1	1	6	4	1	2	1	1
Belgium.....	138	1	1	3	13	1	1	1	1	1	1	4	1	2	1	1
Denmark.....	32	1	1	1	9	1	1	1	1	1	2	1	2	1	1	1
Finland.....	303	1	1	1	17	1	1	1	1	1	3	2	1	1	1	1
France.....	49	1	1	3	16	1	1	1	1	1	8	1	1	1	1	2
Germany.....	144	1	1	2	67	1	1	1	1	1	4	10	1	5	1	1
Hungary.....	109	1	1	1	1	1	5	1	1	1	2	1	1	1	1	1
Iceland.....	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Italy.....	1402	2	1	19	155	2	1	1	1	1	20	39	8	8	1	1
Norway.....	59	1	1	1	12	2	1	1	1	1	8	1	1	1	1	1
Poland*.....	957	1	1	12	43	16	7	1	1	1	7	19	1	4	1	1
Rumania.....	299	1	1	7	22	5	6	1	1	1	1	12	1	2	1	1
Russia†.....	941	1	1	8	57	17	7	1	1	1	12	32	2	8	1	1
Sweden.....	137	1	2	1	21	1	1	1	1	1	3	6	1	5	1	1
Other.....	552	3	2	16	82	2	1	1	1	1	1	30	6	1	1	1
Asia.....	197	1	1	7	14	1	1	1	1	1	2	8	1	1	1	1
China.....	48	1	1	2	4	1	1	1	1	1	4	1	1	1	1	1
Japan.....	9	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
Other.....	140	1	1	4	8	1	1	1	1	1	1	4	1	1	1	1
United States.....	1833	14	10	104	1054	21	5	3	4	38	165	18	51	5	1	1
Various.....	16	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1
Not specified.....	193	1	1	8	57	1	1	1	1	1	7	1	1	1	1	1
Children born to married mothers.....	65794	45	316	206	3169	39458	359	117	49	52	1320	8992	1017	3104	196	60
Children born to unmarried mothers.....	1823	6	4	94	1090	10	5	1	1	118	207	38	110	7	1	1
Children born to all mothers.....	67617	45	322	210	3263	40548	369	122	50	53	1438	9199	1055	3214	203	60

*Including 196 married fathers whose birthplace was given as Galicia.

†Including 196 married mothers whose birthplace was given as Galicia.

‡Including 224 married fathers whose birthplace was given as Ukraina.

§Including 187 married mothers whose birthplace was given as Ukraina.

Classified according to Birthplace of Parents, 1926—Ontario

OF MOTHER

Newfoundland	British Possessions		Europe															Asia			United States	Various	Not specified
	Other	Austria	Belgium	Denmark	Finland	France	Germany	Hungary	Iceland	Italy	Norway	Poland*	Rumania	Russia†	Sweden	Other	China	Japan	Other				
57	39	10	14	6	15	13	54	3	2	13	6	23	4	20	19	18	2	2	4	1336	10	46	
1	4	1	1	1	15	4	1	3	2	13										2			
4	2	1	1	1	2	4	4	3	2	13										10			
2	1	1	1	1	4	4	4	1	1	1	1	2	1	2	1	1				11	2	5	
47	34	6	10	5	13	9	49	3	2	12	4	16	3	15	16	16	1	2	3	1148	8	39	
1					2		1				1	3		1						16		2	
		1										1								3			
																				1			
2	2	1	1							1		1		2						26			
38	33	1	1		2	8	5	1		1		4	4	1	22	7	7			215	8	7	
24	24	1			2	7	4	1				3	4	1	17	6	4			153	6	5	
7	4						1				1									34		1	
7	4		1							1				3	1	2				23	2	1	
					1									1		1				4			
112	61		1		1					1					1					5	1		
112																				4			
	61				1					1										1		1	
1	5	316	107	19	298	15	54	94	2	1086	31	897	208	681	72	385			4	148	7	9	
		240			1		1	1		1		9	8	11		2	2			7			
			105		2															4			
				14	2											1				12			
					268											1				4			
		1		1	11		37			1			1	3	1	1				8			
							1	87				3		1		4				2		2	
					3	2	1	1		1081			3	1		1				45	7	1	
				1	1					1	22				5					6			
		6		1	1	4	1			1		745	8	54		6				1	18	2	
	2	11		1	2	2		2				29	170	17		3				1	2	2	
	1	2	50		3	5			1			96	18	587	1	8				1	21	2	
		1		2	13		3	2			9	1		11	2	7	64			1			
		8	2		5		1									355				1	11		
		1			1		1									3	36			1	114		
					1											3	36				2		
		1																5			1	4	
			1		1															114			
4	3	1	2		5	3	2			1	4	1	2	8	1	2				2	295	1	3
										4			1		2					2	1		
																					2		116
212	141	329	125	25	322	39	116	98	4	1106	45	927	215	733	100	415	38	7	125	2004	27	181	
8	2	6	1		9		5	1		7	1	12	1	3	1	1	1			1	41	1	30
220	143	335	126	25	331	39	121	99	4	1113	46	939	216	736	101	416	39	7	126	2045	28	211	

Table 10—Births (exclusive of Still-births) Classified

Birthplace of Mother	Total	AGE OF															
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Canada.....	45091	2	34	124	418	905	1333	1748	2061	2320	2368	2514	2468	2643	2408	2494	2328
Prince Edward Island..	45					1	4		1	1	4	1	3	3			2
Nova Scotia.....	316				5	6	13	9	12	20	18	23	16	31	18	17	9
New Brunswick.....	206				1	3	2	7	8	12	9	13	16	13	17	13	8
Quebec.....	3169	2	7	25	49	62	91	125	179	179	169	173	156	169	186	152	
Ontario.....	39458	2	29	106	357	804	1176	1547	1829	2008	2050	2202	2181	2322	2114	2191	2064
Manitoba.....	359			3	8	14	20	20	21	24	21	20	16	27	17	15	14
Saskatchewan.....	117	1	1	4	2	11	18	12	10	10	3	3	7	4	2	3	
Alberta.....	49			1		2	2	5	2	6	4	4	1	4	1	3	
British Columbia.....	52					1		3	2	3	4	4	7	8		3	3
Province not specified..	1320	2	6	18	23	43	48	49	57	69	75	54	72	65	64	73	
British Isles.....	13369	1	9	40	115	228	362	465	617	599	686	767	875	802	824	789	
England.....	8992	1	8	24	84	163	254	299	419	410	466	512	577	512	552	551	
Ireland.....	1017				4	10	18	32	44	38	47	66	72	66	54	54	
Scotland.....	3104		1	14	25	50	83	130	144	144	162	175	208	198	199	173	
Wales.....	196			1	2	4	3	3	9	5	8	8	14	21	12	9	
Other.....	60				1	4	1	1	2	3	6	4	5	7	7	2	
British Possessions.....	353	1		2	3	5	9	10	17	20	19	31	27	19	17	27	
Newfoundland.....	212			1	3	5	7	13	10	10	10	21	19	10	10	15	
Other.....	141	1		1	3	2	4	3	4	10	9	10	8	9	7	12	
Europe.....	4599	1	9	35	66	83	171	209	246	228	272	275	295	225	269	210	
Austria.....	329		1	2	3	11	17	19	22	13	22	13	17	17	18	12	
Belgium.....	125				1	2	7	11	4	7	7	11	9	7	9	3	
Bulgaria.....	24				1	1	1	3	1	2	1	1	1	1	2	1	
Denmark.....	25					1	1	1	3	3	3	1	2	3	2	1	
Finland.....	322			4	2	3	13	11	20	19	20	23	22	21	19	18	
France.....	39				1	2	2	2	2	1	3	2	5	2	6	1	
Germany.....	116				3	1	3	4	6	3	9	13	11	5	3	4	
Greece.....	114				2	3	5	2	4	11	10	8	9	4	6	5	
Holland.....	79				3	2	1	7	8	2	7	8	2	4	7	10	
Hungary.....	98			1	1	1	4	4	6	5	3	7	6	5	5	5	
Iceland.....	4																
Italy.....	1106		2	15	16	16	27	45	51	50	59	61	66	53	68	52	
Norway.....	45						1		3	2	3	3	6		3		
Poland.....	927			5	2	18	16	38	53	60	40	57	49	59	32	48	39
Rumania.....	215		1		4	3	9	7	14	8	12	8	9	10	14	6	
Russia†.....	733		1	6	13	15	31	25	47	35	41	54	48	34	37	38	
Sweden.....	100			1		1	5	6	3	8	7	9	5	3	4	4	
Switzerland.....	20							2	2					2	2	1	
Other.....	178				3	2	6	5	13	9	15	9	19	13	16	7	
Asia.....	170		1		2	4	6	6	8	11	8	5	9	11	13	9	
China.....	38						1	1	1	1	1	1	1	3	3	2	
Japan.....	7												1	2	1		
Other.....	125			1		4	5	5	7	10	7	4	8	6	9	7	
United States.....	2004		1	2	16	42	58	77	86	103	114	105	96	123	96	111	104
Various.....	27				2			1	1		2	1	3	3	2		
Not specified.....	181			1		3	4	4	3	5	1	5	3	5	4	3	3
Total.....	65794	2	38	146	511	1138	1715	2378	2841	3316	3343	3610	3645	3977	3568	3733	3470

*Including 196 married mothers whose birthplace was given as Galicia.
†Including 187 married mothers whose birthplace was given as Ukrania.

According to Age and Birthplace of Mother, 1926—Ontario

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
2315	2038	1980	1793	1636	1525	1468	1227	1244	895	805	566	528	311	172	102	57	26	15	8	4	208
4	4	1	2	3	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	8	13	13	7	12	10	10	9	8	4	2	5	4	1	1	1	1	1	1	1	1
11	5	15	6	10	2	9	5	4	6	2	2	2	3	1	1	1	1	1	1	1	1
157	131	143	132	118	103	120	102	107	68	56	62	46	38	17	12	7	3	1	1	1	23
2041	1804	1721	1582	1413	1352	1272	1056	1074	771	710	473	452	256	147	86	47	22	14	7	4	172
15	9	14	8	12	13	10	8	5	7	2	4	5	2	1	1	1	1	1	1	1	2
3	6	3	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
1	4	2	3	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
1	2	4	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
70	65	64	45	68	37	42	42	42	31	29	22	17	8	7	7	2	1	1	1	1	8
788	683	642	617	555	490	488	381	391	308	266	176	158	97	60	33	13	7	3	1	1	34
527	450	429	407	357	316	333	249	258	215	180	131	124	72	45	30	5	7	3	1	1	22
63	54	60	49	52	47	41	34	34	23	20	10	9	6	3	1	2	1	1	1	1	4
182	164	140	154	135	116	100	95	91	63	63	32	23	17	11	1	4	1	1	1	1	7
13	12	10	7	9	8	11	3	6	5	1	3	2	2	1	1	2	1	1	1	1	1
3	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	13	26	14	8	10	4	11	12	8	6	4	2	1	1	1	1	1	1	1	1	2
18	10	12	9	5	2	6	7	3	5	3	2	1	1	1	1	1	1	1	1	1	1
6	3	14	5	3	5	2	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1
258	176	215	196	162	173	174	139	136	85	97	45	36	33	19	17	2	4	2	1	1	34
20	19	11	14	17	13	16	9	8	3	4	2	2	1	1	1	1	1	1	1	1	1
9	6	2	6	2	5	6	2	3	2	3	2	2	2	1	1	1	1	1	1	1	1
4	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	17	11	14	10	7	8	10	5	4	7	5	5	7	2	1	1	1	1	1	1	1
1	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	5	1	5	2	3	5	6	3	4	5	1	3	1	1	1	1	1	1	1	1
9	3	8	5	4	2	3	3	1	2	1	1	1	1	1	1	1	1	1	1	1	3
3	3	2	4	1	4	2	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1
7	8	1	4	2	4	1	4	1	4	4	4	4	1	1	1	1	1	1	1	1	1
66	33	57	52	41	44	45	36	40	26	32	14	15	5	4	2	2	1	1	1	1	10
2	2	1	2	2	5	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
50	39	42	41	31	33	46	40	26	11	20	6	6	5	4	4	4	1	1	1	1	2
15	6	14	7	12	10	10	6	8	5	3	1	1	1	1	1	1	1	1	1	1	2
41	25	50	33	24	27	21	14	20	17	13	3	3	3	2	2	2	1	1	1	1	9
4	4	3	5	3	3	6	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	4	4	3	4	11	4	4	5	1	4	1	1	1	1	1	1	1	1	1	1	3
10	3	10	7	7	5	8	2	6	7	6	1	1	1	1	1	1	1	1	1	1	1
2	4	3	5	3	3	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	3	6	4	2	5	2	5	4	4	4	1	1	1	1	1	1	1	1	1	1	2
131	108	107	92	76	66	53	52	44	45	30	24	22	5	2	5	2	3	1	1	1	2
1	1	3	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	4	1	2	2	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	113
3533	3023	2987	2721	2447	2273	2196	1816	1835	1350	1212	816	747	449	254	159	76	40	21	9	5	394

Table 11—Marriages in Ontario by Months, 1926.

		MONTHS											
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total.....	23,632	1,365	1,309	1,202	1,775	1,489	3,466	1,917	2,028	3,127	2,273	1,938	1,743

Table 12—Marriages—Conjugal Condition of Contracting Parties, 1926—Ontario

	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	Spinsters	Widows	Divorced	Spinsters	Widows	Divorced						
Total for Province.....	23,632	21,147	594	51	1,077	649	20	73	12	9	92.2	7.4	.4	94.4	5.3	.3

Table 14—Marriages—Denominations of Contracting Parties, 1926—Ontario

DENOMINATION OF GROOM.	DENOMINATION OF BRIDE																															
	Adventists	Anglicans	Baptists	Brethren	Christians	Christian Science	Church of Christ	Congregationalists	Disciples	Evangelicals	Friends	Greek Catholics	Greek Orthodox	Holiness Movement	Jews	Lutherans	Methodists	Mormons	Pentecostal	Presbyterians	Protestants	Roman Catholics	Salvation Army	Unitarians	United Brethren	United Church	Oriental religions	No religion	Other sects	Not stated		
Adventists.....	10		1		5	8	4		4	9	1																					
Anglicans.....	4,955	2,834	238	238	5	3	3		1	5	2				1	32	1	5	7	2	6	221	13	1		916				10	3	
Baptists.....	1,298	2,900	584	47	7	3	3		1	5	2					16	6	6		149	1	64	4			236					4	
Brethren.....	60	2		45																											1	
Christians.....	31	5	1	1	33	21	1													2	1		1									
Christian Science.....	36																															
Church of Christ.....	29	4				9																										1
Congregationalists.....	14	6						15		47	3																					
Disciples.....	40	4	2													12	1		1			4										1
Evangelicals.....	109	6	6																													1
Friends.....		2																														
Greek Catholics.....	93															1																
Greek Orthodox.....	126	3	2																			11	2									
Holiness Movement.....	43	3																				10										
Jews.....	43	37	11	1	1	2	1	1	1	19						425	3				2											
Lutheran.....	647																					2	31									2
Mennonites.....	108																															
Methodists.....	136	27	13																													
Mormons.....	41	7																														
Pentecostals.....	32																															
Presbyterians.....	4,062	1,720	180	5	1	8	2	4	9																							
Protestants.....	230	17																														
Roman Catholics.....	4,555	236	44		4	1		1	2																							
Salvation Army.....	110	6	3																													
Unitarians.....	5																															
United Brethren.....																																
United Church.....	6,254	4	867	5	4	3	6	17	2																							
Oriental Religions.....	1																															
Mohammedans, Shintos, Sikhs, Hindus.....																																
No religion.....	108	19	4																													
Other Sects.....	16		1																													
Total brides.....	32,632	18,5018	1,382	68	60	47	23	33	109	8	93	111	13	431	624	108	54	44	41	3,721	221	4	629	133	3	6,514	2	3	104	13		

BIRTHPLACE OF BRIDE

Birthplace of Bridegrooms.	Total Grooms																																					
	Canada								British Isles				British Possessions		Europe										Asia			United States	Various									
	P. E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Hungary	Iceland	Italy	Norway			Poland	Rumania	Russia	Sweden	Other	China	Japan	Other	
Asia.....	47	1			12					1	3	1	1																					2	25		1	
China.....	7				1					1																						2						
Japan.....	4				3						1																						25					
Other.....	36				9																																	
United States.....	1,019	1	24	604	2	4	1	34	100	5	44	2	3	2	3	2	2				5	1	4	1	3	11	1	7	2						3,150			
Various.....	12			6																																		2
Not specified.....	2			1																																		1
Total brides.....	23,632	10,765	50,654	15,190	78,432	25,166	607	2,871	389	1,398	65	1	61	56	74	33	8,165	12	51	37	1	181	14,353	40,190	17,109	2	33,709	5	8									

*Including 66 bridegrooms whose birthplace was given as Galicia.
 †Including 74 brides whose birthplace was given as Galicia.
 ‡Including 20 bridegrooms whose birthplace was given as Ukraina.
 §Including 12 brides whose birthplace was given as Ukraina.

Table 16—Marriages—Literacy of bridegrooms and brides, classified by birthplace 1926—Ontario

Birthplace	Bridegrooms			Brides		
	Total	Illiterate	Per cent. Illiterate	Total	Illiterate	Per cent. Illiterate
Total.....	23,632	126	.5	23,632	98	.4
Canada.....	15,990	81	.5	16,749	44	.3
Prince Edward Island.....	17			10		
Nova Scotia.....	126	1	.8	76		
New Brunswick.....	70			50	1	2.0
Quebec.....	782	5	.6	654	8	1.2
Ontario.....	14,268	72	.5	15,190	31	.2
Manitoba.....	71	1	1.4	78		
Saskatchewan.....	32			43	1	2.3
Alberta.....	21	1	4.8	25		
British Columbia.....	19			16		
Province not specified.....	584	1	.2	607	3	.5
British Isles.....	4,833	3	.1	4,724	1	‡
England.....	3,116	3	.1	2,871		
Ireland.....	457			389		
Scotland.....	1,179			1,398	1	.1
Wales.....	78			65		
Other.....	3			1		
British Possessions.....	126	2	1.6	117	3	2.6
Newfoundland.....	60	1	1.7	61	1	1.6
Other.....	66	1	1.5	56	2	3.6
Europe.....	1,603	35	2.2	1,285	47	3.7
Austria.....	81	4	4.9	74	4	5.4
Belgium.....	41	1	2.4	33	1	3.0
Denmark.....	23			8		
Finland.....	162	10	6.2	165	10	6.1
France.....	14			12		
Germany.....	51			51		
Hungary.....	38	1	2.6	37	1	2.7
Iceland.....	1			1		
Italy.....	297	6	2.0	181	7	3.9
Norway.....	23			14		
Poland*.....	351	7	2.0	353	11	3.1
Rumania.....	66	2	3.0	40	3	7.5
Russia†.....	259	4	1.5	190	4	2.1
Sweden.....	36			17		
Other.....	160			109	6	5.5
Asia.....	47	4	8.5	35	1	2.9
China.....	7	1	14.3	2		
Japan.....	4					
Other.....	36	3	8.3	33	1	3.0
United States.....	1,019	1	.1	709	2	.3
Various.....	12			5		
Not specified.....	2			8		

*Including Galicia.

†Including Ukrania.

‡Less than one-tenth of one per cent.

Table 17—Deaths of Children under One Year (exclusive of Still-births) in Ontario, by Months, Classified as Rural and Urban by Counties, 1926—Continued

Province and Counties	Total in Year	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Haldimand.....	23	4	2	6	2	3		2			1	1	2
Rural.....	20	4	2	6	2	3					1	1	2
Urban.....	3							2					
Dunnville, t.	3							2				1	
Haliburton.....	13	2	2	2		2		2		2			1
Rural.....	13	2	2	2		2		2		2			1
Urban.....	35	1	3	2	5	7	3	2	3		3	2	4
Rural.....	26	1	2	2	3	4	3	1	1		3	2	4
Urban.....	9		1		2	3		1	2				
Burlington, t.	4		1		1			1					
Georgetown, t.	1					1							
Milton, t.	2							1					
Oakville, t.	2				1	1							
Hastings.....	96	10	2	7	15	10	11	13	3	3	8	6	8
Rural.....	60	5	1	4	9	7	8	6	1	2	6	4	7
Urban.....	36	5	1	3	6	3	3	7	2	1	2	2	1
Belleville, c.	21	2	1	1	4	3	1	5	2	1		1	
Deseronto, t.	3			1							1		
Trenton, t.	12	3		1	2		2	1			1	1	1
Huron.....	58	5	5	8	6	7	3	5	4	6	2	3	4
Rural.....	43	4	4	3	6	7	2	4	1	4	2	3	3
Urban.....	15	1	1	5			1	1	3	2			1
Clinton, t.	4			1					2	1			
Goderich, t.	6	1		2			1		1				
Seaforth, t.	1			1									
Wingham, t.	4		1	1									1
Kenora.....	52	5	7	4	6	5	3	4	6	3	4	4	1
Rural.....	18	2	4	1	1	2	2	1	1		2	2	
Urban.....	34	3	3	3	5	3	1	3	5	3	2	2	1
Dryden, t.	9	1					1	2	1	2			1
Keewatin, t.	3		1			2							
Kenora, t.	20	2		3	5	1		1	4	1	2	1	
Sioux Lookout, t.	2		1								1		
Kent.....	100	8		11	4	6	8	5	9	15	8	9	8
Rural.....	44	4	4	6	2	4	2	2	3	4	3	5	5
Urban.....	56	4	5	5	2	2	6	3	6	11	5	4	3
Chatham, c.	32	2	3	2	2	1	3	2	3	6	4	3	1
Blenheim, t.	1									1			
Dresden, t.	2		1										1
Ridgeway, t.	5	1		1		1				1		1	
Tilbury (part) t.	3			2									
Wallaceburg, t.	13	1	1				2	1	3	3	1		1
Lambton.....	65	3	6	13	5		7	7	9	3	3	7	2
Rural.....	24	1	2	6	3		4		3	1		4	
Urban.....	41	2	4	7	2		3	7	6	2	3	3	2
Sarnia, c.	34	1	4	5	1		3	6	5	2	3	3	1
Forest, t.	1			1									
Petrolia, t.	6	1		1	1		1	1					1
Lanark.....	35	3	6	4	1	4	1	3	3	2	2	2	4
Rural.....	16	1	1	3		4		3	1	1	1		1
Urban.....	19	2	5	1	1		1		2	1	1	2	3
Almonte, t.	2				1								1
Carleton Place, t.	6		2	1			1		1			1	
Perth, t.	2										1		1
Smith's Falls, t.	9	2	3						1	1		1	1
Leeds.....	44	1	2	5	3	3	8	2	2	7	1	4	6
Rural.....	28	1	2	2	3	1	5	1	1	3	1	3	5
Urban.....	16			3		2	3	1	1	4		1	1
Brockville, t.	10					2	3	1	1	1		1	1
Gananoque, t.	6			3						3			
Lennox.....	22		3	4	1	3	4	1		1	2	1	2
Rural.....	19		2	4	1	2	4	1		1	2		2
Urban.....	3		1			1							
Napance, t.	3		1			1							1
Lincoln.....	68	7	8	4	6	5	2	4	7	4	7	9	5
Rural.....	25	2	2	2	2	5		3	2	1	1	3	2
Urban.....	43	5	6	2	4		2	1	5	3	6	6	3
St. Catharines, c.	39	5	5	2	4		2		5	3	5	6	2
Merrittton, t.	3		1										1
Niagara, t.	1							1					
Manitoulin.....	21	1	5	2	2	1	1	5		1	2	1	
Rural.....	21	1	5	2	2	1	1	5		1	2	1	
Middlesex.....	125	9	14	14	18	9	11	12	5	8	5	5	15
Rural.....	29	3	5	3	6		4	5		2	1		
Urban.....	96	6	9	11	12	9	7	7	5	6	4	5	15
London, c.	91	6	7	10	11	9	6	7	5	6	4	5	15
Parkhill, t.	4		1				1						
Strathroy, t.	1		1	1	1		1						
Muskoka.....	26		1	4	2	4	1	4	1		5	1	3
Rural.....	16		1	1	1	3	1	3	1		3	1	2
Urban.....	10			3	2	1		1			2		1
Bracebridge, t.	3			2		1							
Gravenhurst, t.	1										1		
Huntsville, t.	6			1	2			1			1		1

Table 17—Deaths of Children under One Year (exclusive of Still-births) in Ontario, by Months, Classified as Rural and Urban by Counties, 1926—Continued

Province and Counties	Total in Year	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Nipissing	131	19	15	10	12	11	5	11	12	14	4	9	9
Rural	50	6	5	6	6	3	1	4	5	3	3	3	5
Urban	81	13	10	4	6	8	4	7	7	11	1	6	4
North Bay, c.	38	11	4	1	2	3	2	1	3	6		2	3
Mattawa, t.	11	1	2			1	2	1				3	1
Sturgeon Falls, t.	32	1	4	3	4	4		5	4	5	1	1	
Norfolk	29	3	2	2	1	4	3	1	1	4	4	1	3
Rural	24	3	2	2	1	4	2	1	1	4	1	1	2
Urban	5						1				3		1
Simcoe, t.	5						1				3		1
Northumberland	40	2	1	2	10	5	4	2	2	1	4	1	6
Rural	28	1	1	2	7	3	4	1	2	1	3		3
Urban	12	1			3	2		1			1	1	3
Campbellford, t.	5	1			2							1	1
Cobourg, t.	7				1	2		1			1		2
Ontario	77	10	2	5	8	10	10	10	4	7	5	3	3
Rural	35	6	2		5	3	6	4	2	3	2	2	
Urban	42	4		5	3	7	4	6	2	4	3	1	3
Oshawa, c.	40	3		4	3	7	4	6	2	4	3	1	3
Whitby, t.	2	1		1									
Oxford	49	4	4	3	4	4	3	4	3	6	6	2	6
Rural	26	2	1	1	3	3	1	2	3	3	4	1	5
Urban	23	2	3	2	1	1	2	2	3	3	2	1	1
Woodstock, c.	12	2	3				1	2		3			1
Ingersoll, t.	9			2	1	1			3		1	1	
Tilsonburg, t.	2						1				1		4
Parry Sound	40	6	2	4	3	4	3	4	4	4	4	2	4
Rural	30	6	2	3	2	3	2	3	3		1	1	4
Urban	10			1	1	1	1	1	1		3	1	
Parry Sound, t.	10			1	1	1	1	1	1		3	1	
Peel	33	6	1	2	2	3	8	1		6	2	1	1
Rural	27	5	1	1	2	2	7	1		5	2	1	
Urban	6	1		1	1	1	1			1		1	
Brampton, t.	6	1		1			1			1		1	
Perth	61	4	5	6	3	3	7	7	3	3	5	5	10
Rural	27	1	3	2	1	3	6	2	3	2	4	1	8
Urban	34	3	2	4	2	3	1	5		1	1	4	8
Stratford, c.	30	1	2	4	2	3	1	5		1		4	7
Listowel, t.													1
Mitchell, t.	1												
St. Mary's, t.	3	2									1		
Peterborough	54	4	6	5	5	3	9	2	7	6		3	4
Rural	15	2	1	1	1	1	4	2	2	5		1	2
Urban	39	2	6	4	4	3	5	2	5	1		2	2
Peterborough, c.	6												
Prescott	95	7	11	9	10	15	5	8	4	4	9	3	10
Rural	61	3	4	7	7	11	4	6	3	3	6	3	9
Urban	34	4	7	2	3	4	1	2	4	1	3	2	1
Hawkesbury, t.	30	3	7	1	2	4	1	2	4	1	2	1	
Vankleeck Hill, t.	4	1		1							1		
Prince Edward	16		2			1	1	1	1	4	4	1	1
Rural	11		2			1	1	1	1	2	3	1	
Urban	5					1				2	1		1
Picton, t.	5					1				2	1		1
Rainy River	35	3	3	3	5	3	1	6	2	5	1	2	1
Rural	17		1	2	4	1	1	5	1	1	1	1	1
Urban	18	3	2	1	1	2	1	1	1	4		1	
Fort Frances, t.	15	3	1	1	1	1	1	1	1	4		1	
Rainy River, t.	3	1		1		1							
Renfrew	117	6	8	8	10	11	8	9	12	10	13	7	15
Rural	68	5	5	5	5	8	5	4	8	6	7	5	5
Urban	49	1	3	3	5	3	3	5	4	4	6	2	10
Arnprior, t.	13	1	1	1	1	1	1	1	2		2	1	2
Pembroke, t.	24		2	2	1	1	2	1	2	3	2		8
Renfrew, t.	12	1		3	1	1	3		1	2	1		
Russell	78	6	7	7	2	6	5	8	8	10	8	4	7
Rural	61	4	5	6	2	6	4	5	6	8	7	3	5
Urban	17	2	2	1			1	3	2	2	1	1	2
Rockland, t.	17	2	2	1			1	3	2	2	1	1	2
Simcoe	135	13	13	12	12	16	8	15	8	8	11	9	10
Rural	61	6	8	7	9	6	3	3	5	3	5	2	4
Urban	74	7	5	5	3	10	5	12	3	5	6	7	6
Alliston, t.	4			1		2							1
Barrie, t.	14	4	1	1		1	2				2	2	1
Collingwood, t.	7			1		1	1	1	1	1	1	1	
Midland, t.	21		1	3		5	1	4		2	1	1	1
Orillia, t.	15	1		1	1	1	1	2	1	1	2	2	2
Penetanguishene, t.	13	2	2					5	1	1	1	1	1
Stormont	85	7	9	3	10	8	2	6	11	6	13	4	6
Rural	41	3	3	3	8	5		1	7	3	5	1	2
Urban	44	4	6		2	3	2	5	4	3	8	3	4
Cornwall, t.	44	4	6		2	3	2	5	4	3	8	3	4
Sudbury	134	12	8	21	20	9	11	8	8	11	9	5	12
Rural	97	9	6	15	14	4	9	7	5	7	7	4	10
Urban	37	3	2	6	6	5	2	1	3	4	2	1	2

Table 17—Deaths of Children under One Year (exclusive of Still-births) in Ontario, by Months, Classified as Rural and Urban by Counties, 1926—Continued

Province and Counties	Total in Year	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Sudbury—Continued													
Capreol, t.	5	2				1			1	1			
Chelmsford, t.	1				1								
Copper Cliff, t.	1												1
Sudbury, t.	30	1	2	6	5	4	2	1	2	3	2	1	1
Thunder Bay	121	13	8	6	14	11	7	10	17	6	8	8	13
Rural	22	1	2		5	3		1	3		3	1	3
Urban	99	12	6	6	9	8	7	9	14	6	5	7	10
Fort William c.	47	8	2	1	5	2	3	3	8	1	3	4	7
Port Arthur, c.	52	4	4	5	4	6	4	6	6	5	2	3	3
Timiskaming	73	5	9	3	8	7	7	7	9	6	2	2	8
Rural	44	1	7	1	5	6	4	1	4	5	2	2	6
Urban	29	4	2	2	3	1	3	6	5	1			2
Cobalt, t.	16	3		1	2		3	3	3	1			
Haileybury, t.	11	1	2	1	1	1		3	1				1
New Liskeard, t.	2								1				1
Victoria	27	4	2	8	4	1	2		1	1		1	3
Rural	20	2	1	6	3	1	1		1	1		1	3
Urban	7	2	1	2	1		1						
Lindsay, t.	7	2	1	2	1		1						
Waterloo	102	8	10	12	7	8	8	8	6	6	11	7	11
Rural	29	6	2	3	3	3	3	1		1	3	1	3
Urban	73	2	8	9	4	5	5	7	6	5	8	6	8
Galt, c.	11	1		2	1			3		2		2	
Kitchener, c.	46	1	6	6	3	3	3	4	4	3	4	3	6
Hespeler, t.	2				1							1	
Preston, t.	7		1	1			2		1		1		1
Waterloo, t.	7		1			1			1		3		1
Welland	126	13	8	14	18	11	11	8	8	10	9	7	9
Rural	50	4	4	8	4	4	4	3	4	2	4	5	4
Urban	76	9	4	6	14	7	7	5	4	8	5	2	5
Niagara Falls, c.	30	6	2	2	4	1	4	1	2	1	3	2	2
Welland, c.	18	1	1	1	3	3	1	4		1			3
Bridgeburg, t.	7			1	1	1	1		1	2			
Port Colborne, t.	13	1			5	2			1	2	2		
Thorold, t.	8	1	1	2	1		1			2			
Wellington	86	2	11	7	8	9	4	8	6	10	10	9	2
Rural	55	2	7	3	5	5	2	4	4	5	9	8	1
Urban	31		4	4	3	4	2	4	2	5	1	1	1
Guelph, c.	28		4	4	3	3	2	4	2	4		1	1
Harriston, t.													
Mount Forest, t.	1					1							
Palmerston, t.	2									1	1		
Wentworth	221	14	17	21	31	20	19	15	15	14	20	15	20
Rural	19	2		2	4		1		3	1	2		4
Urban	202	12	17	19	27	20	18	15	12	13	18	15	16
Hamilton, c.	199	12	16	19	27	20	18	15	12	13	18	13	16
Dundas, t.	3		1										2
York	1,027	69	84	100	112	120	81	67	69	97	82	64	82
Rural	161	15	11	24	12	22	14	10	4	13	15	8	13
Urban	866	54	73	76	100	98	67	57	65	84	67	56	69
Toronto, c.	843	53	71	74	96	96	66	54	65	82	64	56	66
Aurora, t.	3						1						2
Mimico, t.	7		2	1	1	1				1	1		
Newmarket, t.	5	1			1	1					2		
New Toronto, t.	3			1	1				1				
Weston, t.	5				1			2		1			1

of Children under One Year of Age, Classified According to Residence in Cities Population and Over, 1926

IN PUBLIC INSTITUTIONS									DEATHS ELSEWHERE THAN IN PUBLIC INSTITUTIONS														
Residents			Non-resident in City or Town where death occurred						Total			Residents			Non-resident in City or Town where death occurred								
			Resident in province			Non-resident in province									Resident in province			Non-resident in province					
M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total			
6	1	7	1	.....	1	.....	.....	.....	11	2	13	11	2	13	.....	.....	.....	.....	.....	.....
18	4	22	.....	.....	.....	.....	.....	.....	8	5	13	8	5	13	.....	.....	.....	.....	.....	.....
7	9	16	2	3	5	.....	.....	.....	8	3	11	8	3	11	.....	.....	.....	.....	.....	.....
11	10	21	2	.....	2	.....	.....	.....	11	13	24	11	13	24	.....	.....	.....	.....	.....	.....
4	4	8	.....	.....	.....	.....	.....	.....	1	2	3	1	2	3	.....	.....	.....	.....	.....	.....
8	7	15	.....	.....	.....	.....	.....	.....	10	3	13	10	3	13	.....	.....	.....	.....	.....	.....
57	39	96	1	2	3	.....	.....	.....	54	46	100	54	46	100	.....	.....	.....	.....	.....	.....
18	12	30	1	4	5	.....	.....	.....	17	6	23	17	6	23	1	.....	1	.....	.....	.....
8	12	20	1	1	2	.....	.....	.....	13	11	24	13	11	24	.....	.....	.....	.....	.....	.....
22	25	47	1	2	3	.....	.....	.....	18	23	41	18	22	40	.....	1	.....	1	.....	.....	
2	6	8	1	.....	1	.....	.....	1	12	8	20	12	8	20	.....	.....	.....	.....	.....	.....
3	4	7	.....	.....	.....	.....	.....	.....	8	23	31	8	23	31	.....	.....	.....	.....	.....	.....
11	4	15	.....	.....	.....	.....	.....	.....	15	10	25	15	10	25	.....	.....	.....	.....	.....	.....
104	93	197	8	10	18	2	2	4	71	52	123	71	52	123	.....	.....	.....	.....	.....	.....
2	1	3	.....	.....	.....	.....	.....	.....	6	4	10	6	4	10	.....	.....	.....	.....	.....	.....
10	10	20	.....	1	1	.....	.....	.....	14	4	18	14	4	18	.....	.....	.....	.....	.....	.....
9	15	24	2	2	4	.....	.....	.....	14	10	24	13	10	23	1	.....	1	.....	.....	.....
13	4	17	2	.....	2	.....	.....	.....	13	7	20	13	7	20	.....	.....	.....	.....	.....	.....
6	3	9	.....	.....	.....	.....	.....	.....	8	4	12	8	4	12	.....	.....	.....	.....	.....	.....
2	10	12	.....	.....	.....	.....	.....	.....	14	8	22	14	8	22	.....	.....	.....	.....	.....	.....
8	4	12	.....	.....	.....	.....	.....	.....	16	12	28	15	12	27	.....	.....	.....	1	.....	1
5	7	12	.....	.....	.....	.....	.....	.....	8	10	18	8	10	18	.....	.....	.....	.....	.....	.....
249	209	458	30	12	42	1	.....	1	199	143	342	199	142	341	.....	1	.....	1	.....	.....	
3	3	6	.....	.....	.....	.....	.....	.....	9	3	12	9	2	11	.....	1	.....	1	.....	.....	
39	26	65	7	1	8	.....	.....	.....	62	46	108	62	46	108	.....	.....	.....	.....	.....	.....
1	2	3	.....	1	1	.....	.....	.....	5	3	8	5	3	8	.....	.....	.....	.....	.....	.....
4	3	7	.....	2	2	.....	.....	.....	3	2	5	3	2	5	.....	.....	.....	.....	.....	.....
3	3	6	.....	.....	.....	.....	.....	.....	1	3	4	1	3	4	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	1	.....	.....	.....	2	4	6	2	4	6	.....	.....	.....	.....	.....	.....
1	2	3	.....	1	1	.....	.....	.....	3	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	4	14	2	.....	2	.....	.....	.....	15	13	28	15	12	27	.....	1	.....	1	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	14	14	28	14	14	28	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	29	15	44	29	15	44	.....	.....	.....	.....	.....	.....
1	.....	1	.....	.....	.....	.....	.....	.....	20	9	29	20	9	29	.....	.....	.....	.....	.....	.....
2	1	3	.....	.....	.....	.....	.....	.....	3	3	6	3	3	6	.....	.....	.....	.....	.....	.....
3	5	8	6	.....	6	.....	.....	.....	2	4	6	2	4	6	.....	.....	.....	.....	.....	.....
1	1	2	.....	.....	.....	.....	.....	.....	4	1	5	4	1	5	.....	.....	.....	.....	.....	.....
5	4	9	1	.....	1	.....	.....	.....	4	7	11	4	7	11	.....	.....	.....	.....	.....	.....
4	2	6	.....	.....	.....	.....	.....	.....	2	7	9	2	7	9	.....	.....	.....	.....	.....	.....
3	3	6	.....	3	3	.....	.....	.....	7	8	15	7	8	15	.....	.....	.....	.....	.....	.....
1	.....	1	.....	.....	.....	.....	.....	.....	3	3	6	3	3	6	.....	.....	.....	.....	.....	.....
2	4	6	.....	.....	.....	.....	.....	.....	2	1	3	2	1	3	.....	.....	.....	.....	.....	.....
4	2	6	1	1	2	.....	.....	.....	13	9	22	12	9	21	.....	1	.....	1	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	5	7	12	5	7	12	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	4	7	3	4	7	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	5	2	7	5	2	7	.....	.....	.....	.....	.....	.....

Table 19—Deaths of Children Under One Year, by age at Death, 1926—Ontario

Ages	Total
All infants.....	5,302
	M 3,032
	F 2,270
Under 1 day.....	1,168
	M 695
	F 473
1 day.....	351
	M 193
	F 158
2 days.....	249
	M 147
	F 102
3 days.....	169
	M 98
	F 71
4 days.....	131
	M 73
	F 58
5 days.....	73
	M 42
	F 31
6 days.....	67
	M 36
	F 31
Under 1 week.....	2,208
	M 1,284
	F 924
1 week and under 2 weeks.....	313
	M 172
	F 141
2 weeks and under 3 weeks.....	207
	M 111
	F 96
3 weeks and under 1 month.....	207
	M 122
	F 85
Under 1 month.....	2,935
	M 1,689
	F 1,246
1 month and under 2 months.....	422
	M 244
	F 178
2 months and under 3 months.....	327
	M 172
	F 155
3 months and under 4 months.....	249
	M 148
	F 101
4 months and under 5 months.....	262
	M 148
	F 114
5 months and under 6 months.....	189
	M 103
	F 86
6 months and under 7 months.....	188
	M 110
	F 78
7 months and under 8 months.....	169
	M 94
	F 75
8 months and under 9 months.....	168
	M 103
	F 65
9 months and under 10 months.....	146
	M 92
	F 54
10 months and under 11 months.....	141
	M 75
	F 66
11 months and under 12 months.....	106
	M 54
	F 52

**Table 20—Deaths of Children under One Year of Age (exclusive of Still-births)
Classified According to Racial Origin of Decedents, 1926—Ontario**

Racial Origin	Total
All origins.....	5,302
English.....	1,967
Irish.....	816
Scotch.....	589
Welsh.....	11
French.....	1,057
German.....	177
Armenian.....	1
Austrian.....	35
Belgian.....	13
Bulgarian.....	8
Chinese.....	4
Czech and Slovak.....	8
Danish.....	6
Dutch.....	40
Finnish.....	33
Greek.....	9
Hindu.....	..
Hungarian.....	18
Icelandic.....	2
Indian.....	93
Italian.....	128
Japanese.....	..
Jewish.....	26
Negro.....	18
Norwegian.....	8
Polish.....	76
Rumanian.....	29
Russian.....	38
Serb and Croat.....	4
Swedish.....	13
Swiss.....	5
Syrian.....	9
Ukranian*.....	35
Other.....	5
Not specified.....	21

*Including 5 decedents whose racial origin was given as "Galician."

Asia.....	151	2	20	27	379	2,981	32	15	2	1	258	658	77	208	9	1	9	12	40	12	3	29	1	9	18	89	4	78	27	46	8	30	2	10	157	3	45	
China.....	4																																					
Japan.....	11																																					
Other.....	126				17	57	2	3			6	14		2																								
United States.....	272				28	140	1	3			13	20	4	9																								
Not specified.....																																						
Total mothers.....	5,302	2	20	27	379	2,981	32	15	2	1	258	658	77	208	9	1	9	12	40	12	3	29	1	9	18	89	4	78	27	46	8	30	2	10	157	3	45	

*Including 8 fathers whose birthplace was given as Galicia.
 †Including 10 mothers whose birthplace was given as Galicia.
 ‡Including 17 fathers whose birthplace was given as Ukraina.
 §Including 11 mothers whose birthplace was given as Ukraina.

Table 22—Deaths of Children (exclusive of Still-births) from Certain Specified Causes in First Year of Life by Months, 1926—Ontario

CAUSES OF DEATH	Total under 1 year		MONTH OF DEATH																							
			Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	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	
All causes.....	5302	3032	2270	239	178	277	200	301	208	314	222	284	218	235	176	236	191	228	181	250	197	254	179	143	235	177
7. Measles.....	35	20	15	1	2	3	2	3	1	2	1	1	4	3	7	2	1	1	1	1	1	1	1	1	1	1
8. Scarlet fever.....	5	1	4	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.....	153	66	87	3	5	4	8	5	0	9	14	3	4	4	6	5	9	6	15	7	5	7	2	4	8	
10. Diphtheria.....	7	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
11. Influenza.....	164	95	69	5	8	8	6	13	11	27	18	13	6	8	2	4	3	3	1	1	2	4	2	3	6	
12. Dysentery.....	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	
21. Erysipelas.....	27	13	14	1	1	1	2	1	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	
22. Acute anterior poliomyelitis.....	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	
24. Meningococcus meningitis.....	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	
29. Tetanus.....	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	
31. Tuberculosis of the respiratory system.....	8	3	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
32. Tuberculosis of the meninges and central nervous system.....	16	9	7	1	1	1	1	1	1	4	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	
33-37. Tuberculosis, other forms.....	15	10	5	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
38. Syphilis.....	22	10	12	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
41. Purulent infection, septicæmia.....	9	6	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
36. Rickets.....	34	22	12	1	2	2	2	4	1	4	3	3	4	2	3	3	1	2	1	3	2	1	3	2	2	
62. Diseases of the thymus.....	40	26	14	1	2	2	2	2	2	3	3	3	3	3	2	3	1	2	2	2	3	2	3	2	2	
70. Encephalitis.....	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
71A. Simple meningitis.....	30	17	13	2	2	2	2	3	1	2	2	2	1	2	1	1	1	1	1	1	1	1	2	1	1	
71B. Non-epidemic, cerebrospinal meningitis.....	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	
80. Convulsions.....	102	61	41	7	3	10	5	3	4	9	7	9	3	5	3	4	3	2	4	4	4	1	3	3	4	
86. Diseases of the ear and of the mastoid process.....	29	19	10	1	1	2	2	2	2	5	3	1	1	1	3	1	2	1	1	1	1	1	1	1	1	
87-90. Diseases of the heart.....	6	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
99. Bronchitis.....	39	28	11	6	7	1	1	2	1	4	1	1	1	1	5	2	2	2	2	2	1	1	1	1	1	
100. Broncho-pneumonia.....	385	216	169	14	13	18	15	23	20	28	26	16	22	14	11	10	13	13	10	8	10	5	10	16	28	
101. Pneumonia.....	238	145	93	20	18	13	18	12	17	13	18	12	9	9	7	6	3	3	5	1	9	6	6	15	2	
110-112. Diseases of the stomach.....	63	38	25	5	3	1	5	5	1	3	1	3	1	3	4	2	3	4	1	3	4	2	2	1	2	
113. Diarrhœa and enteritis.....	531	306	225	18	8	16	12	10	10	16	5	13	8	17	12	16	24	51	44	79	52	48	32	6	8	
118. Ileæmia and intestinal obstruction.....	36	20	16	2	2	1	4	1	1	1	1	2	2	4	2	2	4	1	1	2	1	1	2	2	1	
128. Nephritis.....	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
153. Acute abscess.....	7	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
159. Malformations.....	481	246	235	23	29	32	14	28	23	24	18	23	17	16	23	21	17	18	17	15	17	18	17	11	20	
159A. Congenital hydrocephalus.....	52	21	31	3	1	3	2	4	2	4	3	2	4	1	2	3	3	2	2	2	3	2	3	1	5	
159B. Congenital malformations of the heart.....	220	128	92	9	11	22	5	13	7	12	6	14	7	10	12	13	7	9	8	6	9	11	6	3	6	
159C. Others under this title.....	209	97	112	11	17	7	7	11	13	10	8	9	10	5	9	8	7	9	7	9	5	8	7	8	14	
160. Congenital debility, tetanus and sclerema.....	410	244	166	17	12	19	13	22	11	17	14	28	22	23	16	20	14	12	8	28	16	23	14	20	14	
161A. Premature birth.....	11572	913	659	70	49	86	59	98	61	90	68	78	64	76	55	75	74	77	47	54	45	73	51	59	33	

161B. Injury at birth.....	237	134	103	10	8	11	7	14	10	19	5	13	10	7	9	8	6	10	7	8	15	13	12	6	13	9
162. Other diseases peculiar to early infancy.....	277	152	125	8	4	16	13	17	13	15	13	12	11	13	12	11	13	12	9	11	14	11	9	9	13	11
175-203. External causes.....	64	41	23	6	2	2	3	7	1	2	1	4	5	2	2	3	1	2	1	2	5	1	3	1	3	11
Other specified causes.....	228	136	92	12	11	14	7	13	12	13	9	15	6	16	1	16	5	4	6	7	4	10	13	9	2	
204-205. Unspecified or ill-defined causes.....	18	10	8	1	.....	1	1	1	.....	2	3	3	1	.....	1	.....	.....	.....	.....	.....	1	1	1	.....	1	

NOTE.—For fuller list of causes of infant deaths see table 29.

Table 23—Deaths of Children (exclusive of Still-births) from

CAUSES OF DEATH.	Total	TOTAL UNDER 1 YEAR		Under 1 day		1 day and under 1 week		1 week and under 2 weeks		2 weeks and under 3 weeks	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All causes.....	5,302	3,032	2,270	695	473	589	451	172	141	111	96
7. Measles.....	35	20	15	.....	.....	.....	.....	1	.....	1	.....
8. Scarlet fever.....	5	1	4	.....	.....	.....	.....	.....	.....	.....	.....
9. Whooping-cough.....	153	66	87	.....	.....	.....	1	.....	1	4	1
10. Diphtheria.....	7	5	2	.....	.....	.....	.....	.....	.....	.....	.....
11. Influenza.....	164	95	69	.....	.....	2	2	.....	1	.....	4
16. Dysentery.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. Erysipelas.....	27	13	14	.....	.....	.....	.....	1	1	.....	2
22. Acute anterior poliomyelitis.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
24. Meningococcus meningitis.....	8	5	3	.....	.....	.....	.....	.....	.....	.....	.....
29. Tetanus.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31. Tuberculosis of the respiratory system.....	8	3	5	.....	.....	.....	.....	.....	.....	.....	.....
32. Tuberculosis of the meninges and central nervous system.....	16	9	7	.....	.....	.....	.....	.....	.....	.....	.....
33-37. Tuberculosis, other forms.....	15	10	5	.....	.....	.....	.....	.....	.....	.....	.....
38. Syphilis.....	22	10	12	.....	1	.....	.....	.....	1	.....	.....
41. Purulent infection, septicaemia.....	9	6	3	.....	.....	.....	.....	.....	.....	.....	.....
56. Rickets.....	34	22	12	.....	.....	.....	.....	.....	.....	.....	.....
62. Diseases of the thymus.....	40	26	14	2	1	4	4	2	2	1	.....
70. Encephalitis.....	5	4	1	.....	.....	.....	.....	.....	.....	.....	.....
71A. Simple meningitis.....	30	17	13	.....	.....	2	.....	3	1	.....	.....
71B. Non-epidemic, cerebrospinal meningitis.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
80. Convulsions.....	102	61	41	.....	3	22	6	8	7	1	2
86. Diseases of the ear and of the mastoid process.....	29	19	10	.....	.....	.....	.....	1	.....	1	.....
87-90. Diseases of the heart.....	6	3	3	.....	.....	.....	.....	.....	.....	.....	.....
99. Bronchitis.....	39	28	11	.....	.....	.....	1	1	.....	.....	.....
100. Broncho-pneumonia.....	385	216	169	1	.....	5	6	5	4	6	8
101. Pneumonia.....	238	145	93	1	1	3	7	4	.....	4	3
110-112. Diseases of the stomach.....	63	38	25	.....	.....	1	4	2	1	5	.....
113. Diarrhoea and enteritis.....	531	306	225	.....	.....	2	1	9	2	10	2
118. Hernia and intestinal obstruction.....	30	20	10	.....	.....	.....	.....	.....	1	1	.....
128. Nephritis.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
153. Acute abscess.....	7	3	4	.....	.....	.....	.....	1	.....	.....	.....
159. Malformations.....	481	246	235	39	43	87	69	23	28	15	16
159A. Congenital hydrocephalus.....	52	21	31	4	10	6	3	.....	3	.....	.....
159B. Congenital malformation of the heart.....	220	128	92	22	20	49	39	13	6	7	4
159C. Others under this title.....	209	97	112	13	13	32	27	10	19	8	12
160. Congenital debility, icterus and sclerema.....	410	244	166	33	24	54	41	26	12	14	9
161A. Premature birth.....	1,572	913	659	506	319	253	187	48	54	32	35
161B. Injury at birth.....	237	134	103	55	36	67	54	10	9	1	2
162. Other diseases peculiar to early infancy.....	277	152	125	44	37	68	54	7	5	7	9
175-203. External causes.....	64	41	23	5	5	3	1	2	.....	1	.....
Other specified causes.....	228	136	92	6	1	13	11	18	11	6	3
204-205. Unspecified or ill-defined causes.....	18	10	8	3	2	3	2	.....	.....	1	.....

NOTE.—For fuller list of causes of infant deaths, see table 29.

Table 24—Total Deaths (exclusive of Still-births) and Deaths in Public Towns of Ontario of 5,000

Province, Cities and Towns	ALL DEATHS												DEATHS				
	Total			Residents			Non-resident in City or Town where death occurred						Total				
							Resident in province			Non-resident in province							
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total		
Cities:																	
Belleville	105	94	199	89	76	165	16	18	34						44	32	76
Brantford	192	168	360	176	151	327	16	17	33						98	74	172
Chatham	128	119	247	93	87	180	35	29	64			3	3		71	68	139
Fort William	115	118	233	99	108	207	13	9	22	3	1	4	1		61	68	129
Galt	77	68	145	62	61	123	14	7	21	1		1		3	31	67	61
Guelph	122	111	233	96	89	185	23	22	45	3		3		58	53	111	
Hamilton	709	714	1,423	643	646	1,289	65	66	131	1	2	3	3	348	310	658	
Kingston	221	237	458	173	199	372	45	37	82	3	1	4	126	134	260		
Kitchener	141	141	282	112	124	236	29	17	46					75	60	135	
London	542	519	1,061	442	447	889	97	69	166	3	3	6	320	259	579		
Niagara Falls	96	98	194	88	88	176	6	8	14	2	2	4	33	40	73		
North Bay	66	69	135	54	62	116	10	7	17	2		2	27	17	44		
Oshawa	91	74	165	75	69	144	16	5	21				33	25	58		
Ottawa	802	816	1,618	686	734	1,420	64	60	124	52	22	74	430	387	817		
Owen Sound	77	87	164	67	77	144	10	10	20				25	20	45		
Peterborough	141	136	277	116	114	230	25	21	46		1	1	62	75	137		
Port Arthur	111	94	205	94	80	174	17	14	31				56	57	113		
St. Catharines	163	153	316	130	136	266	28	17	45	5		5	88	55	143		
St. Thomas	122	103	225	110	98	208	12	5	17				44	38	82		
Sarnia	89	117	206	84	111	195	5	6	11				22	29	51		
Sault Ste. Marie	135	87	222	110	77	187	20	8	28	5	2	7	61	32	93		
Stratford	100	98	198	86	92	178	14	6	20				39	32	71		
Toronto	3151	3144	6,295	2887	2952	5,839	244	183	427	20	9	29	1605	1371	2,976		
Welland	99	63	162	75	54	129	23	9	32	1		1	49	21	70		
Windsor	402	350	752	337	307	644	57	41	98	8	2	10	198	139	337		
Woodstock	76	96	172	62	80	142	14	16	30				28	45	73		
Towns:																	
Barrie	62	62	124	46	51	97	16	11	27				27	21	48		
Brockville	70	85	155	55	65	120	13	20	33	2		2	43	46	89		
Cobourg	43	56	99	38	52	90	5	4	9				13	23	36		
Collingwood	46	37	83	33	30	63	13	7	20				20	16	36		
Cornwall	99	128	227	69	85	154	29	43	72	1		1	54	65	119		
Eastview	32	37	69	32	36	68		1	1								
Ford City	51	33	84	49	33	82				2		2					
Hawkesbury	59	51	110	57	49	106	2	2	4				4	4	8		
Ingersoll	42	33	75	38	33	71	3		3	1		1	12	3	15		
Kenora	48	26	74	39	22	61	7	3	10	2	1	3	32	15	47		
Lindsay	69	52	121	53	42	95	16	10	26				29	21	50		
Midland	48	43	91	44	35	79	4	8	12				21	20	41		
Orrillia	95	78	173	75	58	133	20	20	40				49	41	90		
Pembroke	70	76	146	47	57	104	20	16	36	3	3	6	38	41	79		
Preston	21	24	45	20	22	42	1	2	3				2	3	5		
Smith's Falls	38	48	86	35	43	78	3	5	8				18	24	42		
Sudbury	103	64	167	70	44	114	33	20	53				58	27	85		
Trenton	37	27	64	36	25	61	1	2	3								
Walkerville	21	21	42	20	20	40		1	1	1		1					
Waterloo	24	34	58	23	32	55	1	1	2			1	1	1	1	2	

Institutions, Classified According to Residence of Decedents in Cities and Population and Over, 1926

IN PUBLIC INSTITUTIONS									DEATHS ELSEWHERE THAN IN PUBLIC INSTITUTIONS																	
Residents			Non-resident in City or Town where death occurred						Total			Residents			Non-residents in City or Town where death occurred											
			Resident in province			Non-resident in province									Resident in province			Non-resident in province								
M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total						
29	17	46	15	15	30				61	62	123	60	59	119	1	3	4									
84	58	142	14	16	30				94	94	188	92	93	185	2	1	3									
37	39	76	34	27	61		2	2	57	51	108	56	48	104	1	2	3									
49	59	108	11	8	19	1	1	2	54	50	104	50	49	99	2	1	3	2		2						
23	25	48	13	6	19				41	37	78	39	36	75	1	1	2	1		1						
33	32	65	23	21	44	2		2	64	58	122	63	57	120		1	1	1		1						
283	246	529	64	62	126	1	2	3	361	404	765	360	400	760	1	4	5									
83	97	180	40	36	76	3	1	4	95	103	198	90	102	192	5	1	6									
49	43	92	26	17	43				66	81	147	63	81	144	3		3									
224	191	415	95	66	161	1	2	3	222	260	482	218	256	474	2	3	5	2	1	3						
26	30	56	5	8	13	2	2	4	63	58	121	62	58	120	1		1									
17	12	29	9	5	14	1		1	39	52	91	37	50	87	1	2	3	1		1						
19	20	39	14	5	19				58	49	107	56	49	105	2		2									
320	314	634	64	53	117	46	20	66	372	429	801	366	420	786		7	7	6	2	8						
15	11	26	10	9	19				52	67	119	52	66	118		1	1									
40	54	94	22	20	42		1	1	79	61	140	76	60	136	3	1	4									
43	45	88	13	12	25				55	37	92	51	35	86	4	2	6									
58	38	96	27	17	44	3		3	75	98	173	72	98	170	1		1	2		2						
33	33	66	11	5	16				78	65	143	77	65	142	1		1									
17	26	43	5	3	8				67	88	155	67	85	152		3	3									
40	24	64	17	6	23	4	2	6	74	55	129	70	53	123	3	2	5	1		1						
25	28	53	14	4	18				61	66	127	61	64	125		2	2									
1364	1206	2,570	228	161	389	13	4	17	1546	1773	3,319	1523	1746	3,269	16	22	38	7	5	12						
28	13	41	21	8	29				50	42	92	47	41	88	2	1	3	1		1						
137	99	236	54	39	93	7	1	8	204	211	415	200	208	408	3	2	5	1	1	2						
16	29	45	12	16	28				48	51	99	46	51	97	2		2									
12	10	22	15	11	26				35	41	76	34	41	75	1		1									
29	26	55	13	20	33	1		1	27	39	66	26	39	65				1		1						
9	19	28	4	4	8				30	33	63	29	33	62	1		1									
9	9	18	11	7	18				26	21	47	24	21	45	2		2									
25	23	48	28	42	70	1		1	45	63	108	44	62	106	1	1	2									
									32	37	69	32	36	68		1	1									
									51	33	84	49	33	82				2		2						
2	3	5	2	1	3				55	47	102	55	46	101		1	1									
9	3	12	3		3				30	30	60	29	30	59				1		1						
23	13	36	7	2	9	2		2	16	11	27	16	9	25		1	1			1						
14	11	25	15	10	25				40	31	71	39	31	70	1		1									
17	12	29	4	8	12				27	23	50	27	23	50												
32	22	54	17	19	36				46	37	83	43	36	79	3	1	4									
16	23	39	20	16	36	2	2	4	32	35	67	31	34	65				1	1	2						
1	2	3	1	1	2				19	21	40	19	20	39												
15	20	35	3	4	7				20	24	44	20	23	43		1	1									
31	8	39	27	10	46				45	37	82	39	36	75	6	1	7									
									37	27	64	36	25	61	1	2	3									
									21	21	42	20	20	40			1	1		1						
1	1	2							23	33	56	22	31	53	1	1	2			1						

Table 25—Deaths (exclusive of Still-births) by Single Years of Age and by Age Groups—Ontario, 1926

AGES	Male	Female	Total	AGES	Male	Female	Total
All ages.....	18,721	17,188	35,909	50 years.....	174	157	331
Under 1 year.....	3,032	2,270	5,302	51 ".....	129	116	245
1 year.....	400	362	762	52 ".....	180	169	349
2 years.....	185	155	340	53 ".....	151	148	299
3 ".....	105	99	204	54 ".....	173	140	313
4 ".....	89	91	180	Total, 50-54 years.....	807	730	1,537
Total, under 5 years.....	3,811	2,977	6,788	55 years.....	201	160	361
5 years.....	91	73	164	56 ".....	212	180	392
6 ".....	75	63	138	57 ".....	158	168	326
7 ".....	65	60	125	58 ".....	199	220	419
8 ".....	57	46	103	59 ".....	194	189	383
9 ".....	52	52	104	Total, 55-59 years.....	964	917	1,881
Total, 5-9 years.....	340	294	634	60 years.....	258	260	518
10 years.....	49	45	94	61 ".....	235	206	441
11 ".....	55	28	83	62 ".....	293	241	534
12 ".....	57	49	106	63 ".....	280	250	530
13 ".....	56	42	98	64 ".....	278	257	535
14 ".....	60	55	115	Total, 60-64 years.....	1,344	1,214	2,558
Total, 10-14 years.....	277	219	496	65 years.....	370	325	695
15 years.....	74	53	127	66 ".....	293	278	571
16 ".....	62	68	130	67 ".....	300	248	548
17 ".....	83	57	140	68 ".....	335	295	630
18 ".....	76	70	146	69 ".....	340	292	632
19 ".....	78	68	146	Total, 65-69 years.....	1,638	1,438	3,076
Total, 15-19 years.....	373	316	689	70 years.....	364	356	720
20 years.....	75	86	161	71 ".....	342	298	640
21 ".....	74	83	157	72 ".....	399	342	741
22 ".....	68	62	130	73 ".....	399	298	697
23 ".....	71	89	160	74 ".....	348	330	678
24 ".....	71	79	150	Total, 70-74 years.....	1,852	1,624	3,476
Total, 20-24 years.....	359	399	758	75 years.....	387	361	748
25 years.....	84	76	160	76 ".....	376	364	740
26 ".....	74	78	152	77 ".....	350	300	650
27 ".....	76	77	153	78 ".....	342	318	660
28 ".....	89	87	176	79 ".....	319	304	623
29 ".....	54	87	141	Total, 75-79 years.....	1,774	1,647	3,421
Total, 25-29 years.....	377	405	782	80 years.....	306	313	619
30 years.....	74	93	167	81 ".....	274	283	557
31 ".....	65	92	157	82 ".....	293	285	578
32 ".....	78	113	191	83 ".....	232	261	493
33 ".....	89	97	186	84 ".....	243	257	500
34 ".....	67	94	161	Total, 80-84 years.....	1,348	1,399	2,747
Total, 30-34 years.....	373	489	862	85 years.....	225	235	460
35 years.....	126	107	233	86 ".....	180	248	428
36 ".....	105	110	215	87 ".....	141	165	306
37 ".....	102	88	190	88 ".....	126	134	260
38 ".....	119	119	238	89 ".....	106	124	230
39 ".....	116	117	233	Total, 85-89 years.....	778	906	1,684
Total, 35-39 years.....	568	541	1,109	90 years.....	93	118	211
40 years.....	152	101	253	91 ".....	53	74	127
41 ".....	83	91	174	92 ".....	57	58	115
42 ".....	154	122	276	93 ".....	45	39	84
43 ".....	125	125	250	94 ".....	29	45	74
44 ".....	114	101	215	Total, 90-94 years.....	277	334	611
Total, 40-44 years.....	628	540	1,168	95 years.....	13	34	47
45 years.....	140	143	283	96 ".....	16	34	50
46 ".....	134	133	267	97 ".....	17	11	28
47 ".....	133	129	262	98 ".....	6	9	15
48 ".....	158	129	287	99 ".....	7	5	12
49 ".....	156	130	286	Total, 95-99 years.....	59	93	152
Total, 45-49 years.....	721	664	1,385	100 years and over.....	12	22	34
				Not stated.....	41	20	61

Table 26—Deaths (exclusive of Still-births) Classified by Racial Origin of Decedents in Ontario, 1926

RACIAL ORIGINS	Male	Female	Total	RACIAL ORIGINS	Male	Female	Total
All origins	18,721	17,188	35,909	Hungarian	26	14	40
English	7,036	6,357	13,393	Icelandic	3	1	4
Irish	4,097	4,096	8,193	Indian	225	245	470
Scotch	3,024	3,006	6,030	Italian	196	154	350
Welsh	94	53	147	Japanese	1	.....	1
French	1,820	1,504	3,324	Jewish	84	96	180
German	824	794	1,618	Negro	65	75	140
Armenian	5	6	11	Norwegian	25	18	43
Austrian	85	43	128	Polish	159	111	270
Belgian	17	11	28	Rumanian	53	13	66
Bulgarian	10	8	18	Russian	104	63	167
Chinese	46	1	47	Serb and Croat	21	8	29
Czech and Slovak	20	8	28	Swedish	59	30	89
Danish	16	11	27	Swiss	20	12	32
Dutch	292	271	563	Syrian	11	9	20
Finnish	113	50	163	*Ukranian	62	40	102
Greek	26	7	33	Other	11	4	15
Hindu .....	.....	.....	.....	Not specified	71	69	140

*Including 21 whose racial origin was given as "Galician."

North Bay	66	1	1	12	36							1									2
F	69	1	1	10	48							1									2
Total	135	1	1	22	84							1									4
Brockville	70	1	1	3	51							1									1
F	85			5	70							4									2
Total	155	1	1	8	121							4									3

*Including 23 decedents of the entire province whose birthplace was given as Galicia.
 †Including 18 decedents of the entire province whose birthplace was given as Ukraina.

Table 28—Deaths (exclusive of Still-births) Classified According to Birthplace of Parents of Decedents for Ontario, 1926

Table with columns: BIRTHPLACE OF FATHER, BIRTHPLACE OF MOTHER, and various regional sub-categories (Canada, British Isles, Europe, Asia). Rows include birthplaces like Canada, Prince Edward Island, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, etc.

44.	Cancer of the stomach and liver.....	M	610	2	1	2	3	1	9	16	44	44	60	75	117	93	84	46	12	3	44
		F	501	1	1	1	1	4	3	11	24	46	24	46	73	85	88	32	15	2	
45.	Cancer of the peritonem, intestines and rectum.....	M	232		1	1	1	3	9	10	14	15	23	29	39	35	30	14	6		45
		F	281		1	1	1	1	3	6	18	20	19	36	39	39	35	22	10	2	
46.	Cancer of the female genital organs.....	F	353	1		2	5	15	24	32	39	36	51	33	46	27	23	13	4		146
47.	Cancer of the breast.....	M	4		2	2	2	4	11	25	39	40	33	38	38	29	21	11	9	2	47
		F	303		2	2	2	2	4	11	25	39	40	33	38	29	21	11	9	2	
48.	Cancer of the skin.....	M	57										2	4	5	9	3	11	10	3	48
		F	31		1								1	6		5	4	3	5	4	
49.	Cancer of other or unspecified organs.....	M	395	2	3	4	1	4	5	9	12	24	25	37	53	65	40	25	10	3	49
		F	215	2	2		2	1	3	10	9	18	22	32	24	27	21	17	11	9	
50.	Benign tumours and tumours not returned as malignant (tumours of female genital organs excepted).....	M	32	1		1		1	1		2	1	1	1	2	5	8	5	3		50
		F	44	2	1	1		1	1	3	4	3	5	4	3	7	6	2	1		
51.	Acute rheumatic fever.....	M	51	1	2	4	6	4	5	1	3	3	1	2	4	1					51
		F	51	1	2	5	8	7	3	3	1	2	2	1	3	2					
52.	Chronic rheumatism, osteo-arthritis, gout.....	M	17		1	1		1		1		2	1		2	3	4	3	2		52
		F	30		1	1		1		1	1	5	3		4	4	5	3	2		
53.	Scurvy.....	M	2																		53
		F	4	1		1															
54.	Pellagra.....	M	1										2								54
		F	4																		
56.	Rickets.....	F	29	22	6	1	1		1				1								56
57.	Diabetes mellitus.....	F	171	12	12	1	5	6	3	12	12	10	21	26	22	23	15	4			57
		F	227	1	1	2	5	6	4	5	18	31	41	37	34	22	6	3			
58.	Anaemia, chlorosis.....	F	268	1	1	4	6	1	4	6	11	9	30	28	38	52	43	25	9		158
		F	242	1	1	3	2	5	7	11	11	28	31	64	52	36	50	7	1		
58A.	Pernicious anaemia.....	F	291	1	1	1	1	1	4	6	11	8	28	28	36	48	34	5	2		158A
		F	263	1	1	1	2	2	5	6	10	11	27	31	56	49	34	21	5	1	
58B.	Other anaemias and chlorosis.....	F	27	1	1	1	3	1	1	2	1	2	4	5	2	4	1	4	1		58B
		F	29	1	1	1	1	1	1	1	1	1	1	1	1	2	9	2			
59.	Diseases of the pituitary gland.....	F	3																		59
		F	3																		
60.	Diseases of the thyroid gland.....	F	60	2		1	1	2	7	5	5	4	9	10	7	5					60
		F	250	1	1	10	18	24	26	19	33	35	31	27	14	2	4	1	1		
60A.	Exophthalmic goiter.....	M	31		1		2	5	3	1	3	5	7	2	3						60A
		F	166			5	9	12	17	19	16	22	20	17	16	5	1				
60B.	Other diseases of the thyroid gland.....	M	29	2		1	1	1	6	2	7	3	11	4	3	5	2	1	1		60B
		F	93			2	1	1	1	1	3	11	15	14	11	9	1	4			
61.	Diseases of the parathyroid glands.....	M	6	3	1	1			1												61
		F	31	26	3	1															
62.	Diseases of the thymus.....	F	18	14	1																
63.	Diseases of the adrenals (Addison's disease).....	M	7																		33
		F	10			1	1		1	2	2		1	2	1						
64.	Diseases of the spleen.....	M	5			1	1		1	1											64
		F	3			1	1		1	1											
65.	Leukaemia, lymphadenoma.....	M	59	2	2	1	3	3	7	3	7	3	4	4	5	4	1	1			65
		F	35	2	1	3	2	1	3	2	1	4	4	4	4	3	2				

TABLE 29—CAUSES OF DEATH BY SEX AND AGES—ONTARIO, 1926—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																		100 to and over	Not stat- ed						
			Un- der 1	1	2	3	4	5	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69			70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99
102. Pleurisy	M	65	5	1	4	1	3	1	4	5	2	2	5	2	2	3	3	5	3	3	6	2	2	1	1	1	102	
	F	37	1	1	1	1	1	1	2	1	2	2	3	2	1	3	6	5	5	1	5	1	1	2	2	2	102	
103. Congestion and haemorrhagic infarct of the lung	M	55	2	1	1	1	1	1	1	1	1	1	2	2	1	2	2	3	4	3	4	8	13	9	3	2	1	103
	F	75	4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	7	4	3	4	15	13	19	2	1	2	103
105. Asthma	M	38	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	6	7	5	3	5	3	1	1	1	1	105
	F	36	1	1	1	1	1	1	1	1	1	1	1	2	5	4	5	4	4	5	3	4	1	2	3	1	1	105
106. Pulmonary emphysema	M	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	106
	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	106
107. Other diseases of the respiratory system (tuberculosis excepted)	M	37	1	2	1	1	2	1	1	1	1	1	1	1	4	3	1	6	3	3	5	5	5	3	1	1	1	107
	F	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	107
107A. Chronic interstitial pneumonia including occupational diseases of the lungs	M	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	107A
	F	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	107A
107B. Diseases of the mediastinum	M	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	107B
	F	32	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	107B
107C. Others under this title	M	15	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	107C
	F	15	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	107C
Total		2478	673	111	49	33	18	66	58	59	57	54	75	93	88	105	95	133	147	146	141	121	85	44	20	4	3	
108. Diseases of the mouth and annexa	M	1343	397	57	25	17	8	35	32	42	28	27	36	58	51	40	51	73	83	73	73	67	35	21	12	2	2	
	F	1135	276	54	24	16	10	31	26	17	29	27	39	35	37	65	44	60	64	73	68	54	50	23	8	4	1	
109. Diseases of the pharynx and tonsils (including adenoid vegetations)	M	82	22	1	7	3	1	6	5	2	3	4	3	4	4	1	1	6	2	1	1	5	1	1	1	1	1	109
	F	56	13	4	5	2	2	4	1	3	1	4	2	1	4	2	1	1	1	3	2	1	1	1	1	1	1	109
109A. Adenoid vegetations	M	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	109A
	F	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	109A
109B. Pharynx and tonsils	M	81	22	1	7	3	1	6	5	2	3	3	3	4	4	1	1	6	2	1	1	5	1	1	1	1	1	109B
	F	55	13	4	5	2	2	4	1	3	1	4	2	1	4	2	1	1	1	3	2	1	1	1	1	1	1	109B
110. Diseases of the oesophagus	M	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	110
	F	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	110

CLASS VI.—DISEASES OF THE DIGESTIVE SYSTEM.

CLASS XIII.—Old Age.																													
Total		728	4	58	47	26	27	122	88	138	129	127	110	146	120	138	105	86	97	84	108	112	99	209	193	106	38	12	1
M	301																												
F	427																												
164. Senility		M	301																										
F	427																												
CLASS XIV.—EXTERNAL CAUSES.																													
Total		2170	64	58	47	26	27	122	88	138	129	127	110	146	120	138	105	86	97	84	108	112	99	209	193	106	38	12	1
M	1535		41	35	27	20	15	81	70	110	103	106	88	127	97	115	83	69	66	48	63	51	46	38	15	2	1	18	
F	635		23	23	20	6	12	41	18	28	26	21	22	19	23	23	22	17	31	36	45	61	53	43	17	3	3	2	
165. Suicide by solid or liquid poisons (corrosive substance excepted)		M	25						1	1	6	1	6	3	1	2	1	2	1	2	1	1							
F	7																												
166. Suicide by corrosive substances		M	16						1			2	3	2	2	2	1		1	1									
F	12								3			2	3	2	2	2													
167. Suicide by poisonous gas		M	9						1			1							2	2									
F	1																												
168. Suicide by hanging or strangulation		M	53						2	2		1	6	5	4	4	7	4	6	6	6	3	1						
F	15											1	1	2	1	2	2	1	1	1	3								
169. Suicide by drowning		M	17						1			1	1	1	1	1	1	1	1	1	1	3	1	2					
F	16								2	2		4	1	1	1	1	1	1	3	4	1	1	1	2					
170. Suicide by firearms		M	58						1	1	2	6	4	9	7	6	6	4	8	4	4	2	2	1	1				
F	3											1	1	1	1	1	1	1	1	1	1	1	1	1					
171. Suicide by cutting or piercing instruments		M	24								1	1	3	1	4	5	1	1	2	1	3	1	1	1					
F	2																												
172. Suicide by jumping from high places		M	3									1	1	1															
F	3																												
173. Suicide by crushing		M	1																										
F	1																												
174. Other suicides		M	3																										
F	1																												
175. Poisoning by food		M	2																										
F	9																												
176. Poisoning by venomous animals		M	11	3	1			3				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F	1																												
177. Other acute accidental poisonings (gas excepted)		M	18	3	1	2																							
F	16																												
178. Conflagration		M	17	2	1	1		6		1																			
F	17								2	2																			
179. Accidental burns and scalds (conflagration excepted)		M	64	6	11	12	4	2	6	1	3	3	2	1	4	2	2	1	2	1	2	1	1	1	2	2	2	2	2
F	66								8	1	2	1	3	1	1	1	1	1	4	4	4	4	2	1	1	1	1	1	

TABLE 29—CAUSES OF DEATH BY SEX AND AGES—ONTARIO, 1926—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																			Not and stat- ed							
			Un- der	1	2	3	4	5	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74		75 to 79	80 to 84	85 to 89	90 to 94	95 to 99		
			1	1	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		
180. Accidental mechanical suffocation.....	M	20	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	180		
	F	8	7	1																								190A	
180A. Overlying.....	M	4	4																									190A	
	F	2	2																										190B
180B. Asphyxia.....	M	16	12	1																								181	
	F	6	5	1																									181
181. Accidental absorption of irrespirable or poisonous gas.....	M	22	2								2	1	3	1	4	2	2	1	1	1	2	3	2	1	1			182	
	F	16	11	5							28	11	15	11	8	10	6	2	2	2	1	2	1	1	1			182	
182. Accidental drowning.....	M	260	1	1	1	2	4	7	6	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1			183	
	F	38	1	4	2	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1			183	
183. Accidental traumatism by firearms (wounds of war excepted).....	M	24						1	6	3	3	1	4															184	
	F	6						2	1		1	1																184	
184. Accidental traumatism by cutting or piercing instruments.....	M	2									1																	185	
	F	1									1																	185	
185. Accidental traumatism by fall.....	M	147	1	1	1		1	3	5	3	5	12	10	7	21	5	7	8	8	9	13	6	12	4	1			186	
	F	11	1	2			4	1	2	2	1	2	3	2	3	6	4	14	17	12	17	8	12	4				186	
186. Accidental traumatism in mines and quarries.....	M	22					1	2	2	1	1	6	2	2	1	2												186A	
	F	2					1																					186A	
186A. Accidental traumatism in coal mines.....	M	19					2	2	1	1	6																	186B	
	F	1					1																					186C	
186B. Accidental traumatism in other mines.....	M	1					1	3	4	4	4	5	5	4	3	2	2	3	1	1	1	1	1	1				186C	
	F	45					1	3	4	4	4	5	5	4	3	2	2	3	1	1	1	1	1	1				187	
187. Accidental traumatism by machines.....	M	1					1																					188	
	F	1					1																					188	
188. Accidental traumatism by other crushing (vehicles, railways, landslides, etc.).....	M	459	3	1	2	4	4	35	21	30	44	26	25	45	32	38	32	17	22	18	25	11	14	2				188	
	F	111	2	1	1	3	3	17	6	7	8	2	5	1	9	7	8	6	6	5	3	2	2	2				188	
188A. Railroad accidents.....	M	177	1	1	1		7	2	8	16	13	12	18	16	27	13	10	8	7	2	2	2	2					188A	
	F	31	1	1			4	3	3	2	2	1	3	2	1	2	1	1	1	1	1	1	1					188B	
188B. Street car accidents.....	M	17					1	2							1	2	1	1	2	2	4	2	4					188B	
	F	8					1								1	1	1	2	2	7	10	6	3	1				188C	
188C. Automobile accidents.....	M	179	2	1	1	3	4	24	15	17	8	14	7	5	13	7	8	7	10	6	3	1	1	1				188C	
	F	63	1		1	1	2	12	4	4	5	3	5	6	5	4	3	4	3	2	2	2	2	1				188D	
188D. Aeroplane and balloon accidents.....	M	1					1	3	1	1	1	1	2	1	2	2	4	2	3	2	5	1	1	1				188D	
	F	31	1	1			1	1	2	1	1	1	2	1	2	2	4	2	2	2	3	1	1	1				188E	
188E. Injuries by other vehicles.....	M	6					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				188E	

TABLE 30—CAUSES OF DEATH BY SEX AND AGES—TORONTO, 1926—Continued

CAUSES OF DEATH	Sex Total	AGES—YEARS															95 to 99	100* to 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
		der 1	1	2	3	4	5	9	14	19	24	29	34	39	44	49				54	59	64	69	74	79	84	89	94
CLASS III.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																											
Total	462	39	10	4	5	9	6	6	9	7	10	22	32	24	30	24	30	47	53	42	27	18	3				
M	227	21	6	3	4	4	2	2	2	5	7	13	18	12	18	16	19	19	20	18	12	6					
F	235	18	4	1	3	2	4	7	2	2	3	9	14	12	8	14	28	33	24	15	12	3					
70. Encephalitis	8	1	2							2	2				1												
70A. Abscess of brain	1										1																
70B. Encephalitis	7	1									1																
71. Meningitis	5	2									1				1												
71A. Simple meningitis	12	5			2	1	2	2	1												1						
71B. Non-epidemic, cerebrospinal meningitis	9	2			1	1	1	1	1																		
72. Tabes dorsalis (locomotor ataxia)	11	4			2	2																					
73. Other diseases of the spinal cord	1	1																									
74. Cerebral haemorrhage, apoplexy	5	2																									
74A. Apoplexy	10	1			1	1	1	1	1	1	1	1	1	1	2	1	1	3	2	1	2	1					
74B. Cerebral haemorrhage	89	4								2	2	3	8	6	9	15	13	12	9	6	6						
74C. Cerebral thrombosis and embolism	110	1							2	3	5	8	10	17	20	18	11	8	2	3	2						
75. Paralysis without specified cause	23									1																	
75A. Hemiplegia	32									1																	
75B. Others under this title	55	3								1	3	6	5	2	8	7	11	6	3	6	1						
76. General paralysis of the insane	67	1								3	4	5	6	4	11	10	14	6	2	1							
77	11	1										1			2	1	4	1	1	1	2						
78	17											2		2	2	2	2	2	3	4							
79	20										1	2		2	4	4	4	4	4	1	1						
80	13										1	1	2	1	2	1	2	2	4	4	4						
81	19										1	2	1	1	4	4	4	4	4	1	1						
82	4										1	1	1	1	1	1	1	1	1	1	1						
83	1																										
84	19									1	2	4	6	2	3	1	1	1	1	2	3						

100. Broncho-pneumonia (including capillary bronchitis).....	M	105	45	11	3	2	2	2	3	1	2	2	4	1	1	2	2	4	8	5	3	3	3	100
100A. Broncho-pneumonia.....	F	84	23	11	3	1	6	1	2	1	2	2	3	1	1	2	2	6	6	7	8	3	3	100A
100B. Capillary bronchitis.....	F	102	44	10	3	2	2	2	3	1	2	2	3	1	1	2	2	3	8	5	3	3	3	100B
101. Pneumonia.....	M	83	22	11	1	1	6	1	1	1	1	2	3	1	1	2	2	6	7	8	7	8	3	101
101A. Pneumonia, lobar.....	F	174	17	4	2	2	4	1	3	5	13	10	11	11	18	9	16	18	10	7	11	7	1	101A
101B. Pneumonia, not otherwise defined.....	F	125	10	3	2	3	4	3	10	1	5	3	6	7	9	13	16	9	7	4	1	2	1	101B
102. Pleurisy.....	M	100	5	1	1	2	1	3	5	9	15	6	9	12	4	3	5	2	4	3	5	2	2	102
103. Congestion and hæmorrhagic infarct of the lung.....	F	75	2	1	2	1	2	2	6	5	3	4	4	6	5	9	11	4	5	2	2	2	2	103
105. Asthma.....	M	74	2	3	1	1	1	1	2	4	6	2	3	7	6	6	4	6	6	4	5	1	1	105
106. Pulmonary embolism.....	F	10	8	1	1	1	2	1	4	1	2	3	1	4	4	5	5	2	2	2	2	1	2	106
107. Other diseases of the respiratory system (tuberculosis excepted).....	M	11	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	107
107C. Others under this title.....	F	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	107C
Total		454	107	21	7	11	1	4	6	11	14	18	31	28	26	24	32	27	21	20	10	12	5	2
108. Diseases of the mouth and annexa.....	M	237	61	8	5	7	3	9	8	8	8	21	16	11	13	19	15	7	4	5	2	2	2	108
109. Diseases of the pharynx and tonsils (including adenoid vegetations).....	F	217	46	13	2	4	1	3	2	3	6	10	10	12	15	11	13	12	14	16	5	10	3	109
109A. Adenoid vegetations.....	M	28	16	1	3	2	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	109A
109B. Pharynx and tonsils.....	F	17	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	109B
110. Diseases of the oesophagus.....	M	27	16	1	3	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	110
111. Ulcer of the stomach and duodenum.....	F	16	11	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	111
111A. Ulcer of the stomach.....	M	41	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	111A
111B. Ulcer of the duodenum.....	F	19	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	111B
112. Other diseases of the stomach (cancer excepted).....	F	22	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	112
	M	7	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	F	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

CLASS VI.—DISEASES OF THE DIGESTIVE SYSTEM.

168. Suicide by hanging or strangulation.	M	2												1	168
169. Suicide by drowning.	F	1					1								169
171. Suicide by cutting or piercing instruments.	F	1								1					171
174. Other suicides.	M	1													174
177. Other acute accidental poisonings (gas excepted).	M	1													177
	F	2													
179. Accidental burns and scalds (contagration excepted).	M	3	1					1							179
	F	6												1	
180. Accidental mechanical suffocation.	M	1													180
180B. Asphyxia.	M	1													180B
181. Accidental absorption of irrespirable or poisonous gas.	F	3													181
182. Accidental drowning.	M	2													182
185. Accidental traumatism by fall.	M	3													185
187. Accidental traumatism by machines.	F	4													
188. Accidental traumatism by other crushing (vehicles, railways, landslides, etc.).	M	2													187
	M	19													
	F	8													188
188A. Railroad accidents.	M	4													188A
188C. Automobile accidents.	M	13													188C
188E. Injuries by other vehicles.	F	7													188E
188F. Other crushing.	F	2													188F
194. Excessive heat.	M	1													194
197. Homicide by firearms.	F	1													197
199. Homicide by other means.	M	2													199
201. Fracture (cause not specified).	F	1													201
202. Other external violence (cause specified).	M	5													202
	F	1													
Total.		10	1												
	M	6	1												
	F	4													
204. Sudden death.	F	1													204
205. Cause of death not specified or ill-defined.	M	6													205
	F	3													205A
205A. Ill-defined.	M	1													205A
205B. Not specified or unknown.	M	2													205B
205C. Heart failure.	M	3													205C
	F	3													

CLASS XV.—ILL-DEFINED DISEASES.

Total.

66. Alcoholism.....	M	2																				66											
66A. Delirium tremens.....	M	1																				66A											
66C. Chronic alcoholism.....	M	1																				66C											
69. Other general diseases.....	F	1																				69											
69B. Haemophilia.....	F	1																				69B											
Total.....		102	8	2				2	1	2			2	3	4	2	3	7	8	5	10	14	14	9	5	1							
70. Encephalitis.....	M	44	3					1	1				2	1	2	2	1	4	3	3	4	6	5	3	2	1						70	
70A. Abscess of brain.....	F	58	5	2				1	1				2	2	2	2	3	5	2	2	6	8	6	6	3	3						70A	
70B. Encephalitis.....	M	3						1	1										2													70B	
71. Meningitis.....	M	3						1	1				1	1	1	1	1	1														71	
71A. Simple meningitis.....	F	5	2	2				1	1																							71A	
71B. Non-epidemic, cerebrospinal meningitis.....	F	5	2	2				1	1																							71B	
72. Tabes dorsalis (locomotor ataxia).....	M	1																1														72	
73. Other diseases of the spinal cord.....	M	3																														73	
74. Cerebral haemorrhage, apoplexy.....	F	2						1														2											74
74A. Apoplexy.....	M	30						1					2	2	2	2	1	1	1	1	2	4	5	3	2	1						74A	
74B. Cerebral haemorrhage.....	F	10	1					1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	2	1	1	1						74B	
74C. Cerebral thrombosis and embolism.....	F	18						1	1				1	1	1	1	1	1	1	1	3	4	4	2	1							74C	
75. Paralysis without specified cause.....	F	2																															75
75A. Hemiplegia.....	M	5																															75A
75B. Others under this title.....	F	13						1	1				1	1	1	1	1	1	1	1	2	4	3	1	1								75B
76. General paralysis of the insane.....	F	7																															76
78. Epilepsy.....	F	6																															78
80. Infantile convulsions (under 5 years of age).....	F	1																															80
81. Chorea.....	M	2	2																														81
83. Softening of the brain.....	F	2	2																														83
84. Other diseases of the nervous system.....	F	1																															84

CLASS III.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.

TABLE 32—CAUSES OF DEATH BY SEX AND AGES—OTTAWA, 1926—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																100 to and over										
			Un-der	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	95 to 99		
			1	1	1	1	1	3	3	2	4	2	4	2	10	9	8	16		29	42	44	54	39	21	7	2		
86. Diseases of the ear and of the mastoid process.	M	2	1																1								86		
	F	1																										86A	
86A. Diseases of the ear.	M	1																										86B	
86B. Diseases of the mastoid process.	F	1																											
		304	1		1				1	1	3		2	4	2	4	2	15	16	29	42	44	54	39	21	7	2		
CLASS IV.—DISEASES OF THE CIRCULATORY SYSTEM.	M	150	1					1	1	3		2	1	2	2	10	9	8	19	23	18	26	14	9	2				
	F	154											3	3	2	6	6	8	10	19	26	28	25	12	5	2			
Total																													
88. Endocarditis and myocarditis (acute).	M	3	1										2	1	1				1									88	
	F	5																										88A	
88A. Acute endocarditis.	M	1																										88B	
88B. Acute myocarditis.	M	4																											
	F	1																											
89. Angina pectoris.	M	20													1		1	2	1										89
	F	9																											
90. Other diseases of the heart.	M	80								1	3	2	1	1	2	8	6	5	13	11	11	9	5	3				90	
	F	91											1	1	4	2	4	3	15	15	21	15	8	1				90A	
90A. Valvular disease.	M	6																											
	F	4																											
90B. Fatty degeneration of the heart.	M	1																											
	F	22								2					1	5	1	1	5	1	3	3							90B
90D. Chronic endocarditis.	M	16																	2	3	2	5	3					90D	
	F	35																	6	6	4	4	3						90E
90E. Chronic myocarditis.	M	67																	3	1	9	13	15	11	8				90E
	F	16																	3	1	2	2	2						90D
90F. Others under this title.	M	4																	2	3	2	2							90D
	F	47																	4	7	3	13	8	6	2				91
91. Diseases of the arteries.	M	47																	1	4	6	6	5	10	4	2			91A
	F	47																	3	6	4	6	5	10	4	2			91A
91A. Aneurysm.	M	3																	1	2	1	3	2	7	6	2			91A
	F	44																	2	1	3	7	3	11	8	2			91B
91B. Arteriosclerosis.	M	44																	1	2	1	3	7	6	2	2			91B
	F	47																	3	6	4	6	5	10	4	2			91B

TABLE 32—CAUSES OF DEATH BY SEX AND AGES—OTTAWA, 1926—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																								100 and over	Not stat- ed	
			Un- der	1	2	3	4	5	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89	94			
			I																										
109. Diseases of the pharynx and tonsils (including adenoid vegetations).....	M	1																									109		
109B. Pharynx and tonsils.....	M	1																										109B	
111. Ulcer of the stomach and duodenum.....	M	5																										111	
111A. Ulcer of the stomach.....	F	4																										111A	
111B. Ulcer of the duodenum.....	F	2																										111B	
112. Other diseases of the stomach (cancer excepted).....	F	2																										112	
113. Diarrhoea and enteritis (under 2 years of age).....	M	7	3	1																								113	
114. Diarrhoea and enteritis (2 years or over).....	M	49	44	5																								114	
117. Appendicitis and typhlitis....	M	6																										117	
118. Hernia, intestinal obstruction.....	F	10																										118	
118A. Hernia.....	F	11	1	1																								118A	
118B. Intestinal obstruction.....	F	6																										118B	
119. Other diseases of the intestines.....	F	1																										119	
122. Cirrhosis of the liver.....	M	4																										122	
122B. Cirrhosis of the liver, not specified as alcoholic....	F	1																										122B	
123. Biliary calculi.....	M	4																										123	
124. Other diseases of the liver....	F	6																										124	

TABLE 32—CAUSES OF DEATH BY SEX AND AGES—OTTAWA, 1926—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																		100 and stat- ed								
			Un- der 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	95 to 99		
181. Accidental absorption of ir- respirable or poisonous gas.....	M	1														1												181	
	F	1																											
	M	3										1																	
182. Accidental drowning.....	F	1												1		2													182
183. Accidental traumatism by firearms (wounds of war excepted).....	M	1																											
185. Accidental traumatism by fall	M	8													1														183
	F	5														1													185
187. Accidental traumatism by machines.....	M	1																											187
188. Accidental traumatism by other crushing (vehicles, railways, landslides, etc.)	M	16	1					3	1	1							1				1							188	
188A. Railroad accidents.....	F	1																											188A
188B. Street car accidents.....	F	1																											188B
188C. Automobile accidents.....	M	11																											188C
188E. Injuries by other vehicles...	M	1																											188E
196. Other accidental electric shocks.....	M	2																											196
199. Homicide by other means...	F	1																											199
201. Fracture (cause not specified)	M	2																											201
202. Other external violence (cause specified).....	F	4								1																			202
Total.....		14														1			2	5	2								
CLASS XV.—ILL-DEFINED Dis- EASES.																													
204. Sudden death.....	M	9																											
205. Cause of death not specified or ill-defined.....	F	5																											
	M	2																											204
	F	7														1					1								205
	M	1																											
	F	2																	2			2							

TABLE 33—CAUSES OF DEATH BY SEX AND AGES—LONDON, 1926

CAUSES OF DEATH	AGES—YEARS																				100 Not to and stat- over ed					
	Sex		1	2	3	4	5	10	15	20	25	30	35	40	45	50	55	60	65	70		75	80	85	90	95
	Un- der	Total	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	95 to 99
DEATHS—ALL CAUSES. Total.	1061	91	17	11	3	2	21	13	18	10	16	23	38	36	44	63	59	93	122	111	98	101	53	13	5	
M	542	41	6	7	3	1	12	7	8	6	9	14	20	30	39	33	51	50	64	64	56	43	25	5	1	
F	519	50	11	4	3	1	9	6	10	4	7	9	24	16	14	24	26	42	72	47	42	58	28	8	4	
Total	120	10	5	6	1	11	11	3	5	4	3	11	9	5	5	3	6	7	5	6	6	6	2	1	1	
7. Measles.....	4	2	1	1	1	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9. Whooping-cough.....	7	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. Diphtheria.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. Influenza.....	3	3	1	2	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11a. Influenza, sole cause.....	18	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	3	3	3	2	2	2	2	
11c. Influenza, with bronchitis.....	29	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11d. Influenza, with pneumonia.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11g. Influenza, with other causes.....	16	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13. Mumps.....	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16. Dysentery.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. Erysipelas.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23. Lethargic encephalitis.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24. Meningococcus meningitis.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29. Tetanus.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31-37. Tuberculosis. Total.....	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31. Tuberculosis of the respira- tory system.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
M	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
F	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

CLASS 1.—EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.

33. Tuberculosis of the intestines and peritoneum.....	M.....	1																						33
	F.....	1																						36
36. Tuberculosis of other organs.....	F.....	3																						
36A. Tuberculosis of the skin and sub-cutaneous cellular tissue.....	F.....	1																						36A
36B. Tuberculosis of the bones (vertebral column excepted).....	F.....	1																						36B
36D. Tuberculosis of the genitourinary system.....	F.....	1																						36D
37. Disseminated tuberculosis.....	F.....	1																						37
37B. Disseminated tuberculosis, chronic or unstrated.....	F.....	1																						37B
38. Syphilis.....	M.....	6																						38
	F.....	2																						
41. Purulent infection, septicaemia.....	M.....	2																						41
	F.....	1																						
Total.....	M.....	174	3	1	1		1	5	9	8	14	16	24	30	19	8	11	5						
	F.....	80	3	1	1		1	2	1	4	9	9	13	11	6	6	7							
	M.....	94						3	8	4	5	7	10	11	19	13	2	4	5					
	F.....	50						1	1	1	6	5	9	5	5	6	5							43-49
	F.....	55						1	5	2	3	2	6	8	12	7	1	3	4					
43. Cancer of the buccal cavity.....	M.....	2																						43
44. Cancer of the stomach and liver.....	M.....	27						1	1	4	2	3	2	2	3	4	5							44
	F.....	14																						
45. Cancer of the peritoneum, intestines and rectum.....	M.....	8						1			2	1	1	1	1	1								45
	F.....	5																						
46. Cancer of the female genital organs.....	F.....	14						1	3	1	2	1	1	4	4									46
47. Cancer of the breast.....	F.....	12						1	1	1	1	1	2	4										47
48. Cancer of the skin.....	M.....	3																						48
	F.....	2																						
49. Cancer of other or unspecified organs.....	M.....	10							1	2	1	4	1	1	1									49
	F.....	8										1	2	1	2									
50. Benign tumours and tumours not returned as malignant (tumours of female genital organs excepted).....	M.....	2																						50
	F.....	2																						
51. Acute rheumatic fever.....	F.....	1						1																51
52. Chronic rheumatism, osteoarthritis, gout.....	F.....	1																						
56. Rickets.....	F.....	1																						56
	M.....	1																						

CLASS II.—GENERAL DISEASES NOT INCLUDED IN CLASS I.

TABLE 33—CAUSES OF DEATH BY SEX AND AGES—LONDON, 1926—Continued

CAUSES OF DEATH	Sex	AGES—YEARS															Total	Not and stat- over ed															
		Un- der	1	2	3	4	5	10	15	20	25	30	35	40	45	50			55	60	65	70	75	80	85	90	95	100					
		1	to	to	to	to	to	to	to	to	to	to	to	to	to	to			to	to	to	to	to	to	to	to	to	to	to	to	to		
57. Diabetes mellitus.....	M	7											1	1	2	1	1	1	1	1		1										57	
58. Anaemia, chlorosis.....	M	7													2	1	1	1	1	2	2	1										58	
58A. Pernicious anaemia.....	M	14											1		2	1	2	4	2	1												58A	
60. Diseases of the thyroid gland	M	14													2	1	2	4	2	1												60	
60A. Exophthalmic goitre.....	F	11											3	1	2	1	1	1	1	1	1	2										60A	
60B. Other diseases of the thyroid gland.....	F	5												2	1	1	1			1	1	1										60B	
62. Diseases of the thymus.....	M	2											3	1			1			1												62	
65. Leukaemia, lymphadenoma..	M	2																				1										65	
65A. Leukaemia.....	F	1																														65A	
65B. Lymphadenoma (Hodgkin's disease).....	F	1																														65B	
66. Alcoholism.....	M	2																														66	
66B. Acute alcoholism.....	M	1																														66B	
66C. Chronic alcoholism.....	M	1																														66C	
69. Other general diseases.....	M	2																														69	
69B. Haemophilia.....	F	2																														69B	
69C. Purpura haemorrhagica.....	F	2																														69C	
69D. Others under this title.....	F	1																														69D	
Total		89								1	3	1	2	5	4	3	10	5	6	11	5	15	10	2									
70. Encephalitis.....	M	30								1	1	1	2	4	3	7	3	1	1	3	4	3	1										70
70A. Abscess of brain.....	F	50								1	1	2	3	3	2	5	10	2	5	10	2	11	7	1									70A
70B. Encephalitis.....	M	1													1																	70B	
71. Meningitis.....	M	1																														71	
71A. Simple meningitis.....	F	1																														71A	

CLASS III.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.

CLASS VIII.—THE PUERPERAL STATE.										
Total.....	F	8								
144. Puerperal haemorrhage.....	F	1					1	4	1	144
146. Puerperal septicaemia.....	F	3					1	3		146
147. Puerperal phlegmasis alba (doens, puerperal embolism, sudden death in puerperium.....	F	1						1		147
148. Puerperal albuminuria and convulsions.....	F	3					1	1		148
CLASS IX.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE										
Total.....	M	2					1			
	F	1								
151. Gangrene.....	M	1								151
153. Acute abscess.....	F	1					1			153
CLASS XI.—MALFORMATIONS										
Total.....	M	15					14	1		
	F	4					3	1		
	F	11					11			
159. Congenital malformations (stillbirths not included)	M	4					3	1		159
	F	11					11			
159A. Congenital hydrocephalus..	F	2					2			159A
159B. Congenital malformations of the heart.....	M	1					1			159B
	F	6					6			
	M	3					2	1		
159C. Others under this title.....	F	3					3			159C
CLASS XII.—DISEASES OF EARLY INFANCY.										
Total.....	M	46					46			
	F	22					22			
	F	24					24			
160. Congenital debility, icterus and sclerema.....	M	4					4			160
	F	4					4			

TABLE 34—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												Wid- owed	Not stat- ed
			Under 15	Single					Married							
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over	Age not stat- ed			
DEATHS—ALL CAUSES. Total.		35,909	7,918	1,199	1,071	1,160	1,709	32	244	2,711	5,212	6,066	13	8,534	40	
	M	18,721	4,428	690	722	646	833	25	40	1,161	2,841	4,101	7	3,191	36	
	F	17,188	3,490	509	349	514	876	7	204	1,550	2,371	1,965	6	5,343	4	
CLASS I.—EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.																
Total		4,806	1,390	436	347	157	126	2	64	678	572	385	3	645	1	
	M	2,409	707	199	207	89	59	1	10	298	338	252	1	247	1	
	F	2,397	683	237	140	68	67	1	54	380	234	133	2	398		
1. Typhoid and paratyphoid fever.....	M	48	6	11	4				2	14	10			1		
	F	28	5	10		1	2		1	5		1		2		
1A. Typhoid fever.....	M	47	6	11	4				2	14	9			1		
	F	28	5	10	1	1	2		1	5		1		2		
1B. Paratyphoid fever.....	M	1									1					
	F	2									1					
6. Small-pox.....	M	3														
	F	2									1					
7. Measles.....	M	81	75	4	2											
	F	75	67	4	5					2				1		
8. Scarlet fever.....	M	37	31	2							2					
	F	44	30	3	1		1			6	1					
9. Whooping-cough.....	M	104	104													
	F	141	139		1					1						
10. Diphtheria.....	M	120	113	4	1					1	1					
	F	107	98	5	1		1			1						
11. Influenza.....	M	766	167	29	24	26	31			40	125	176	1	147		
	F	822	149	17	18	28	42		7	90	104	96	2	269		
11A. Influenza, sole cause.....	M	107	30	1	3	4	3			1	6	29	1	29		
	F	110	28	1	2	2	5		1	6	9	17	1	40		
11B. Influenza, with phthisis...	M	16	2	1	2					4	3	3		1		
	F	13	1	3	3		1			2	2	2		1		
11C. Influenza, with bronchitis...	M	33	11	1			2				2	7		10		
	F	29	4			1	2		1	1	3	4		13		
11D. Influenza, with pneumonia	M	346	72	13	15	14	12			22	71	64		63		
	F	357	63	9	8	9	18			37	57	47		109		
11E. Influenza, with other res- piratory diseases.....	M	24	3	2	1	2				1	4	9		2		
	F	27	2			4				2	7	2		10		
11F. Influenza, with diseases and accidents of preg- nancy and parturition	F	27							5	21				1		
11G. Influenza, with other causes.....	M	240	49	11	3	6	14			12	39	64		42		
	F	259	51	4	7	12	16			21	26	26	1	95		
13. Mumps.....	M	5	5													
	F	10	2							3				5		
16. Dysentery.....	M	17	10			1	2				1	1		2		
	F	15	6			2					1			6		
19. Spirochetal haemorrhagic jaundice.....	M	1			1											
21. Erysipelas.....	M	65	16	2	1	3	4	1		4	15	8		11		
	F	58	18		1	2	2			7	6	5		17		
22. Acute anterior poliomyelitis	M	18	11	5	1					1						
	F	25	18	3	1					1	2					
23. Lethargic encephalitis.....	M	20	4	4	1	1	1			1	5	2		1		
	F	23	2	2	1	3	2		1	1	9	1		1		
24. Meningococcus meningitis...	M	24	11	6	2	2	2			1	2	2		1		
	F	14	6	2	1					2	3					
25. Other epidemic and endemic diseases.....	M	5	5													
	F	6	4	1												
25A. Chicken-pox.....	M	3	3													
	F	1	1													
25B. German measles.....	M	1	1													
	F	3	2	1												
25C. Others under this title....	M	1	1													
	F	2	1											1		
29. Tetanus.....	M	18	8	2	1					4		2		1		
	F	3		1						1		1		1		
30. Mycoses.....	M	4			1				1		2					
	F	2	2													

*Included in "widowed" are 7 divorced, 4 males and 3 females.

NATIVITY, AND MONTH OF DEATH—ONTARIO, 1926

NATIVITY					MONTHS											
Can-ada	Brit-ish	Foreign		Not stat-ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
26,708	6,616	893	1,424	268	3,159	2,915	3,623	3,737	3,375	2,856	2,763	2,453	2,638	2,791	2,599	3,000
13,758	3,437	440	905	181	1,616	1,507	1,861	1,949	1,753	1,463	1,484	1,293	1,388	1,484	1,365	1,558
12,950	3,179	453	519	87	1,543	1,408	1,762	1,788	1,622	1,393	1,279	1,160	1,250	1,307	1,234	1,442
3,755	692	97	234	28	390	401	536	822	524	344	326	251	258	288	286	380
1,825	356	41	174	13	201	202	258	385	250	181	174	123	130	160	153	192
1,930	336	56	60	15	189	199	278	437	274	163	152	128	128	133	188	
32	8	.....	8	.....	2	4	1	1	1	2	5	5	2	8	7	10 1
20	7	.....	1	.....	1	3	3	1	3	2	.....	3	2	2	4	4
31	8	.....	8	.....	2	4	1	1	1	2	5	5	2	8	7	9 1A
20	7	.....	1	.....	1	3	3	1	3	2	.....	3	2	2	4	4
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1 1B
3	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	6
2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
79	1	1	.....	.....	4	12	8	8	11	13	13	4	.....	1	2	5 7
74	.....	1	.....	.....	9	11	6	9	14	9	8	3	1	.....	3	2
35	2	.....	.....	.....	6	6	5	3	.....	1	4	1	1	.....	1	8
40	4	.....	.....	.....	6	10	7	5	5	3	4	.....	.....	3	.....	1
104	.....	.....	.....	.....	7	9	13	11	14	4	5	7	9	11	9	5 9
140	1	.....	.....	.....	4	6	19	19	22	7	9	16	16	8	7	8
114	1	4	1	.....	10	4	5	9	8	10	10	9	11	12	15	17 10
98	7	.....	2	.....	5	10	6	6	5	8	6	9	10	10	10	19
577	139	12	36	2	67	51	117	230	103	40	26	16	7	31	30	48 11
640	143	16	17	6	67	60	119	267	114	30	29	16	13	23	29	55
79	21	1	5	1	16	9	18	29	15	3	3	2	1	5	2	4 11A
77	25	5	1	2	11	10	16	33	20	3	3	3	3	2	1	5
13	2	.....	1	.....	1	.....	1	5	3	.....	1	1	1	1	2	11B
12	.....	1	.....	.....	1	1	4	3	.....	2	.....	.....	.....	1	.....	1
25	4	1	3	.....	3	2	4	8	5	4	3	1	.....	.....	.....	1 11C
23	6	.....	.....	.....	1	4	7	6	6	1	1	.....	.....	.....	.....	.....
258	65	6	16	1	30	19	58	127	49	17	5	3	1	12	9	16 11D
263	75	6	11	2	36	20	66	133	42	12	9	7	3	3	10	16
20	4	.....	.....	.....	1	2	3	10	2	1	1	.....	1	2	1	..... 11E
22	5	.....	.....	.....	3	.....	.....	13	4	.....	2	.....	.....	.....	.....	3
23	3	1	.....	.....	4	3	2	8	2	1	1	.....	.....	1	1	4 11F
182	43	4	11	.....	16	19	33	51	29	15	13	9	3	11	14	27 11G
220	29	3	5	2	12	20	27	70	37	13	11	6	7	16	14	26
5	.....	.....	.....	.....	.....	1	2	.....	1	1	.....	.....	.....	.....	.....	13
6	1	2	1	.....	2	1	2	1	.....	1	.....	.....	.....	1	1	1
15	2	.....	.....	.....	1	1	2	1	2	1	1	3	4	1	.....	16
9	6	.....	.....	.....	.....	.....	2	.....	.....	.....	2	3	5	1	1	1
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	..... 19
42	15	3	4	1	6	7	7	9	4	7	3	2	4	4	6	6 21
42	14	1	1	.....	7	7	7	9	7	6	3	3	4	.....	2	3
17	1	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	7	8	22
24	.....	1	.....	.....	.....	1	.....	.....	1	1	.....	3	4	7	5	3
13	4	1	2	.....	1	2	3	1	3	2	1	.....	.....	5	2	3 23
20	2	.....	1	.....	1	2	2	1	2	3	2	2	3	3	1	1
16	7	.....	1	.....	2	3	1	1	.....	7	1	1	2	2	1	3 24
10	4	.....	.....	.....	5	2	1	1	.....	.....	.....	4	.....	.....	.....	.....
5	.....	.....	.....	.....	1	1	.....	1	.....	.....	1	.....	.....	.....	1	..... 25
6	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....	.....	1	.....	1
3	.....	.....	.....	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	..... 25A
1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	..... 25B
3	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	..... 25C
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
14	4	.....	.....	.....	1	.....	.....	.....	4	.....	4	3	.....	2	2	2 29
2	1	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....
2	.....	.....	2	.....	.....	.....	1	2	.....	.....	.....	.....	.....	1	.....	..... 30
2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....

TABLE 34—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Under 15	Single					Married					Widowed	Not stated
				15-24	25-44	45-64	65 and over	Age not stat.	15-24	25-44	45-64	65 and over	Age not stat.		
31-37. Tuberculosis. Total...	M	899	110	123	151	48	15	.....	6	201	136	48	.....	60	1
	F	936	117	180	112	30	13	.....	1	41	241	92	26	.....	83
31. Tuberculosis of the respiratory system.....	M	755	43	104	138	43	13	.....	6	180	128	43	.....	56	1
	F	766	44	164	100	26	10	.....	1	35	215	78	24	.....	69
32. Tuberculosis of the meninges and central nervous system.....	M	46	36	5	1	.....	.....	.....	.....	3	.....	1	.....	.....	.....
	F	49	45	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
33. Tuberculosis of the intestines and peritoneum.	M	25	8	4	5	.....	.....	.....	.....	3	.....	2	3	.....	.....
	F	44	9	4	7	.....	1	.....	2	11	5	.....	.....	5	.....
34. Tuberculosis of the vertebral column.....	M	11	3	1	3	1	.....	.....	.....	1	1	.....	.....	1	.....
	F	16	1	2	1	.....	.....	.....	.....	4	5	.....	.....	3	.....
35. Tuberculosis of the joints..	M	8	2	2	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....
	F	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....
36. Tuberculosis of other organs	M	30	7	3	2	2	1	.....	.....	10	3	1	.....	1	.....
	F	25	7	2	1	2	1	.....	.....	6	3	.....	.....	3	.....
36A. Tuberculosis of the skin and sub-cutaneous cellular tissue.....	M	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	F	3	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....
36B. Tuberculosis of the bones (vertebral column excepted).....	M	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	3	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
36C. Tuberculosis of the lymphatic system (mesenteric, and retroperitoneal glands excepted)	M	7	5	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	6	3	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....
36D. Tuberculosis of the genitourinary system.....	M	14	.....	.....	2	2	1	.....	.....	7	2	.....	.....	.....	.....
	F	11	.....	2	1	.....	.....	.....	.....	6	1	.....	.....	1	.....
36E. Tuberculosis of organs other than above.....	M	5	1	.....	.....	.....	.....	.....	.....	2	1	.....	.....	1	.....
	F	2	1	.....	.....	.....	.....	.....	.....	4	1	.....	.....	.....	.....
37. Disseminated tuberculosis..	M	24	11	4	.....	.....	1	1	.....	2	2	.....	.....	1	.....
	F	34	11	6	3	2	.....	.....	2	5	1	2	.....	2	.....
37A. Disseminated tuberculosis, acute.....	M	14	7	2	.....	1	.....	.....	.....	3	.....	.....	.....	1	.....
	F	17	9	2	2	.....	.....	.....	1	1	1	.....	.....	1	.....
37B. Disseminated tuberculosis, chronic or unstated...	M	10	4	2	.....	.....	1	.....	.....	1	2	.....	.....	.....	.....
	F	17	2	4	1	2	.....	.....	1	4	.....	2	.....	1	.....
38. Syphilis.....	M	67	10	.....	5	7	2	.....	.....	13	19	5	.....	6	.....
	F	38	13	2	.....	1	2	.....	.....	8	6	1	.....	5	.....
40. Gonococcus infection.....	M	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41. Purulent infection, septicaemia.....	M	106	19	7	11	.....	4	.....	1	17	19	10	.....	18	.....
	F	47	5	6	1	1	3	.....	1	11	9	2	.....	8	.....
CLASS II.—GENERAL DISEASES NOT INCLUDED IN CLASS I.															
Total.....		5,024	267	90	135	286	250	2	19	385	1,356	1,007	1	1,220	1
	M	2,258	159	36	78	120	119	1	4	126	596	636	.....	377	1
	F	2,766	108	54	57	166	131	1	15	259	760	371	1	843	.....
43-49. Cancer. Total.....	M	1,400	15	9	27	72	86	.....	.....	55	379	468	.....	285	4
	F	1,716	10	5	30	109	88	.....	6	139	488	248	1	592	.....
43. Cancer of the buccal cavity	M	102	1	.....	1	5	10	.....	.....	.....	30	37	.....	18	.....
	F	32	.....	.....	3	.....	2	.....	.....	3	4	4	.....	16	.....
44. Cancer of the stomach and liver.....	M	610	.....	2	7	35	42	.....	.....	22	165	192	.....	142	3
	F	501	2	.....	2	22	27	.....	1	15	132	91	.....	209	.....
45. Cancer of the peritoneum, intestines and rectum.	M	232	2	2	7	11	10	.....	.....	15	64	78	.....	43	.....
	F	281	.....	1	5	21	16	.....	1	12	67	35	.....	123	.....
46. Cancer of the female genital organs.....	F	353	1	2	13	22	12	.....	1	58	113	45	1	85	.....
47. Cancer of the breast.....	M	4	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	1	.....
	F	303	.....	.....	5	24	18	.....	2	32	103	42	.....	77	.....

NATIVITY, AND MONTH OF DEATH—Ontario, 1926.—Continued.

NATIVITY					MONTHS												
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
632 730	135 133	19 32	106 32	7 9	69 72	82 78	79 95	92 108	81 92	77 87	89 77	61 62	71 58	66 63	64 64	68 80	31-37
516 587	120 115	15 28	97 28	7 8	63 58	68 64	65 78	74 90	72 78	69 68	73 67	50 48	56 47	53 56	58 48	54 64	31
41 47	3	1	1	1	1	3	8	9	2	4	4	2	5	4	2	2	32
21 35	1 9	2	1	1	1	2	2	4	4	1	2	2	4	1	1	1	33
9 13 6 1	1 2 1	1	1	1	1	3	1	2	1	1	1	1	2	1	2	2	34
22 18	6 4	1	2	2	1	2	3	4	2	2	3	3	2	4	3	4	36
2 2	1				1							1	1				36A
2 2	1						1			1					1		36B
6 5	1 1					1	1	1	1	1	1	1		3	1	1	36C
9 8	3 1	1	2	2	1	2		3	2	2	3	3			1	2	36D
3 17 29	2 3 3		1	1	1	3	1	1	2	1	5	2	1	1	1		36E
9 14	3 2		2	2	1	2	1	1	1	3	2	2	2	2	2	2	37A
8 15 39 28	1 18 4	1 3	1 7 3	1 3	1 8	1 7	1 5	1 6	1 6	1 4	1 6	1 4	2 4	1 3	1 3	1 3	37B
1			1														40
80 36	19 9	1	6	6	15 8	12 4	11 5	9 2	11 7	11 2	5 2	7 4	7 6	4 1	9 2	5 4	41
3,565	1,081	135	218	25	404	365	475	459	458	428	439	388	420	394	353	441	
1,575 1,990	489 592	61 74	119 99	14 11	192 212	170 195	222 253	220 239	200 258	176 252	209 230	155 233	185 235	173 221	152 201	204 237	
900 1,178	362 416	42 46	86 69	10 7	125 123	109 115	116 156	126 134	133 159	101 153	128 140	114 153	112 151	113 151	86 137	137 144	43-49
70 23	22 8	5 1	4 1	1	9 1	10 3	4 5	9 2	3	13 4	12 2	6 1	12 4	12 3	3	12 4	43
390 339	147 122	17 15	52 21	4 4	49 33	47 28	54 40	59 29	61 51	53 45	52 56	55 51	40 40	53 40	33 39	54 49	44
143 196	71 66	8 10	9 8	1	21 21	21 14	23 32	19 26	16 25	8 24	25 15	18 24	24 35	22 28	16 22	19 15	45
224 2 229	101 2 60	7 7	19 7	2	20 1	22 27	33 28	32 23	27 32	34 27	24 18	35 23	36 21	36 26	27 28	27 28	46 47

TABLE 34—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed	
			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
48. Cancer of the skin	M	57			1	4	6			1	7	25	13		
	F	31	1			1					5	3	17		
49. Cancer of other or unspeci- fied organs	M	395	12	5	11	17	18			17	11	135	68	1	
	F	215	7	1	2	19	9		1	19	64	28	65		
50. Benign tumours and tumours not returned as malign- ant (tumours of female organs excepted)	M	32	2	1		1	1			1	5	12	8		
	F	44	4		2	3	2		1	2	11	10	9		
51. Acute rheumatic fever	M	51	16	9	5				1	7	6	5	1	1	
	F	51	18	11	1	2			2	8	5	2	2		
52. Chronic rheumatism, osteo- arthritis, gout	M	17							1		2	7	7		
	F	30		1		2	1			2	6	5	13		
53. Scurvy	M	2	1							1					
	F	4	4												
54. Pellagra	M	1									1				
	F	4				3				1					
56. Rickets	M	29	29												
	F	22	22												
57. Diabetes mellitus	M	171	9	10	7	10	6			12	56	44	17		
	F	227	8	8	1	12	8			3	9	68	37	73	
58. Anaemia, chlorosis	M	268	6	2	10	17	20	1		11	84	82	35		
	F	292	3	1	7	19	21	1	2	16	91	43	88		
58A. Pernicious anaemia	M	241	1		10	15	18	1		11	82	73	30		
	F	263	2	1	7	16	18	1	1	14	87	41	75		
58B. Other anaemias and chloro- sis	M	27	5	2		2	2			2	9		5		
	F	29	1			3	3		1	2	4	2	13		
59. Diseases of the pituitary gland	M	3			1						2				
	F	3	1	1								1			
60. Diseases of the thyroid gland	M	60	4	1	4	5	2			9	22	7	6		
	F	259	1	16	13	14	9		1	60	77	21	47		
60A. Exophthalmic goitre	M	31			4	2	1			6	13	3	2		
	F	166		13	10	11	4		1	43	51	9	24		
60B. Other diseases of the thy- roid gland	M	29	4	1		3	1			3	9	4	4		
	F	93	1	3	3	3	5			17	26	12	23		
61. Diseases of the parathyroid glands	M	6	5							1					
	F	3	3												
62. Diseases of the thymus	M	31	31												
	F	18	15	2	1										
63. Diseases of the adrenals (Addison's disease)	M	7								2	3	1	1		
	F	10	1				1			5	1	1	1		
64. Diseases of the spleen	M	5	2		1							2			
	F	3									1	1			
65. Leukaemia, lymphadenoma	M	59	11	3	8	1	2		1	10	14	6	3		
	F	35	3	6	2	1	1			5	8	1	8		
65A. Leukaemia	M	35	8	1	6	1				7	7	4	1		
	F	23	2	5	2	1	1			3	5		4		
65B. Lymphadenoma (Hodg- kin's disease)	M	24	3	2	2		2		1	3	7	2	2		
	F	12	1	1						2	3	1	4		
66. Alcoholism	M	75			12	14	1		1	14	19	2	11	1	
	F	11								6	1		4		
66A. Delirium tremens	M	7			1	1				4			1		
	F	38			8	9				7	9	1	4		
66B. Acute alcoholism	M	5								2	1		2		
	F	30			3	4	1		1	3	10	1	6	1	
66C. Chronic alcoholism	M	6								4			2		
	F	3			1						1		1		
67. Chronic poisoning by min- eral substances	M	3													
67A. Chronic lead poisoning	M	3			1					1			1		
67B. Chronic organic poisoning	F	2										1	1		
68A. Chronic morphinism	F	2										1	1		
69. Other general diseases	M	38	28	1	1		1			2	3		2		
	F	32	15	3		1				5	3		5		
68B. Haemophilia	M	18	17		1										
	F	10	8	1						1					
68C. Purpura haemorrhagica	M	9	6							1	1		1		
	F	10	4			1				3	1				
68D. Others under this title	M	11	5	1			1			1	2		1		
	F	12	3	1						1	2		5		

NATIVITY, AND MONTH OF DEATH—ONTARIO, 1926.—Continued

Can-ada	NATIVITY				MONTHS											
	Brit-ish	Foreign		Not stat-ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
42	11		3	1	10	2	4	5	5	4	6	2	6	1	3	9
22	8		1		3	4	2	2	1	4	1	3	1	2	5	3
253	109	12	18	3	35	29	31	34	42	33	31	27	35	24	31	43
145	51	7	12		23	17	16	20	22	15	24	15	17	15	13	18
25	4	2	1		4	1	2	5	2		3	1	5	4	3	2
36	6		1	1	3	6	6	3	1	3	3	3	4	3	4	5
41	7	2	1		3	2	7	7	5	4	1	3	6	2	6	5
42	8		1		5	4	10	3	7	5	6	2	3	2	2	2
12	5				2		4	1	1	2	1	1	1		4	
20	7	1	2		3	1		3	5	2	1	5	3	2	4	
4	1				1	1					1					1
4																
1																
3	1									1	1	1	1			
28		1			1		6	5	4	1	1	3	3	3		
21	1				1	6	2	2	4	1	3	1	1			
127	34	3	7		20	9	23	21	4	10	18	7	15	11	17	16
151	51	12	12	1	22	18	20	19	13	21	15	19	13	17	17	33
210	48	2	7	1	20	21	29	31	30	33	21	11	20	19	15	18
237	44	7	3	1	21	22	26	35	35	35	28	23	22	18	11	16
191	41	2	6	1	19	18	26	28	27	27	20	11	19	16	14	16
210	43	6	3	1	20	20	21	31	33	29	26	23	20	15	11	14
19	7		1		1	3	3	3	3	6	1		1	3	1	2
27	1	1			1	2	5	4	2	6	2		2	3		2
3							1	1	1							
3							2				1					
48	6	1	5		3	6	6	5	6	6	4	4	5	4	5	6
206	43	3	6	1	23	15	22	24	22	22	23	17	22	22	16	31
25	2	1	3		1	3	3	4	2	4	3	2	3	1	2	3
132	27	2	4	1	14	8	14	18	17	16	14	13	11	13	11	17
23	4		2		2	3	3	1	4	2	1	2	2	3	3	3
74	16	1	2		9	7	8	6	5	6	9	4	11	9	5	14
5			1				5	1								
3					1		1	1								
29		2			1	3		2	3	4	3	3	3	4	3	2
17	1				5			2	3	2	1	1	2		2	
4	1	1	1		1		2				2		1	1		
9	1					1		1	1	1	1		2	1		1
5						1	1	1		1	1					
1	2												1	1		
43	10	1	5		3	3	10	5	3	4	5	1	2	9	4	10
26	4	1	4		2	5	2	7	3	2	3	2	4	1	4	
27	5	1	2			3	6	3	2	2	4	1	1	5	3	5
17	3	1	2			4	1	4	2	2	3	2	3		2	
16	5		3		3		4	2	1	2	1		1	4	1	5
9	1		2		2	1	1	3	1			1	1	1	2	
55	8	4	5	3	7	7	5	4	5	5	13	5	11	2	6	5
7	3		1		1				2	1	2	1	1	1	1	1
7								1	1			1	2		1	1
27	5	3	2	1	4	4	1	2	4	2	10	3	2	1	3	2
3	1		1								2	1	1	1	1	
21	3	1	3	2	3	3	4	1		3	3	1	7	1	2	2
4	2				1				2	1				1		1
2	1							1			1			1		
2	1							1			1			1		
1		1						1								1
1		1						1								1
36	2				2	6	5	4	3	5	6	1	1		3	2
25	4	3			1	1	5	3	3	2	2	4	5	1	3	2
18					1	3	1	2	1	2	3	1			3	1
10							2	2			2	1	3		1	
7	2					2	1	1		2	1					
8	1	1			1			1	1	1	1	1			2	1
11					1	1	3	1	1	1	1				1	1
7	3	2			1		3	3	1	1		2	2	1		1

TABLE 34—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Under 15	Single					Married					Wid-owed	Not stat-ed	
				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			
CLASS III.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
Total		2,835	384	67	88	108	209	.....	2	154	413	590	.....	815	5
	M	1,437	224	32	58	51	101	.....	2	79	226	386	.....	273	5
	F	1,398	160	35	30	57	108	.....		75	187	204	.....	542	.....
70. Encephalitis.....	M	40	14	3	3	.....	3	.....	1	5	7	1	.....	3	.....
	F	22	6	.....	.....	1	.....	.....		4	5	1	.....	5	.....
70A. Abscess of brain.....	M	11	3	.....	.....	.....	2	.....	.....	3	2	.....	.....	1	.....
	F	5	1	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	1	.....
70B. Encephalitis.....	M	29	11	3	3	.....	1	.....	1	2	5	1	.....	2	.....
	F	17	5	.....	.....	1	.....	.....	.....	1	5	1	.....	4	.....
71. Meningitis.....	M	57	40	.....	2	.....	.....	.....	.....	5	5	1	.....	4	.....
	F	42	29	2	2	1	.....	.....	.....	2	2	1	.....	3	.....
71A. Simple meningitis.....	M	56	40	.....	2	.....	.....	.....	.....	5	4	1	.....	4	.....
	F	40	28	2	2	1	.....	.....	.....	2	2	.....	.....	3	.....
71B. Non-epidemic, cerebro-spinal meningitis.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
72. Tabes dorsalis (locomotor ataxia).....	M	20	.....	.....	.....	.....	2	.....	.....	1	8	6	.....	3	.....
	F	5	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	1	.....
73. Other diseases of the spinal cord.....	M	99	4	5	2	6	8	.....	.....	4	14	38	.....	18	.....
	F	96	3	3	4	3	6	.....	.....	6	21	15	.....	35	.....
74. Cerebralhaemorrhage, apoplexy.....	M	654	14	1	6	19	59	.....	.....	15	116	249	.....	173	2
	F	751	9	3	3	26	63	.....	.....	27	93	145	.....	382	.....
74A. Apoplexy.....	M	332	.....	1	1	10	37	.....	.....	7	55	130	.....	89	2
	F	378	2	1	.....	17	34	.....	.....	9	42	76	.....	197	.....
74B. Cerebral haemorrhage.....	M	286	13	.....	5	7	21	.....	.....	6	49	106	.....	79	.....
	F	337	7	1	3	8	28	.....	.....	14	45	63	.....	168	.....
74C. Cerebral thrombosis and embolism.....	M	36	1	.....	.....	2	1	.....	.....	2	12	13	.....	5	.....
	F	36	.....	1	.....	1	1	.....	.....	4	6	6	.....	17	.....
75. Paralysis without specified cause.....	M	113	3	1	2	3	10	.....	1	.....	16	38	.....	39	.....
	F	128	2	.....	1	4	14	.....	.....	3	22	26	.....	56	.....
75A. Hemiplegia.....	M	81	2	1	1	1	7	.....	.....	.....	12	25	.....	32	.....
	F	85	1	.....	1	4	11	.....	.....	2	16	13	.....	37	.....
75B. Others under this title.....	M	32	1	.....	1	2	3	.....	1	.....	4	13	.....	7	.....
	F	43	1	.....	.....	.....	3	.....	.....	1	6	13	.....	19	.....
76. General paralysis of the insane.....	M	63	.....	.....	8	5	4	.....	.....	18	14	10	.....	2	2
	F	18	.....	.....	.....	2	2	.....	.....	3	6	1	.....	4	.....
77. Other forms of mental alienation.....	M	47	.....	.....	8	3	7	.....	.....	7	9	7	.....	5	1
	F	41	.....	.....	1	4	6	.....	.....	8	11	1	.....	10	.....
78. Epilepsy.....	M	87	10	8	15	8	4	.....	.....	9	12	12	.....	9	.....
	F	77	9	16	12	7	6	.....	.....	7	8	2	.....	10	.....
79. Convulsions (non-puerperal 5 years or over).....	M	3	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
	F	2	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
80. Infantile convulsions (under 5 years of age).....	M	76	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	52	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81. Chorea.....	M	3	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	3	.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
82. Neuralgia and neuritis.....	M	5	.....	.....	1	.....	1	.....	.....	.....	.....	1	.....	2	.....
	F	11	.....	.....	.....	1	2	.....	.....	1	.....	1	.....	6	.....
83. Softening of the brain.....	M	6	.....	.....	.....	.....	1	.....	.....	.....	1	2	.....	2	.....
	F	12	.....	.....	.....	.....	3	.....	.....	.....	2	1	.....	6	.....
84. Other diseases of the nervous system.....	M	96	23	9	7	5	1	.....	.....	10	18	13	.....	10	.....
	F	85	16	6	7	8	5	.....	.....	7	12	6	.....	18	.....
85. Diseases of the eye and annexa.....	M	4	1	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
	F	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....
86. Diseases of the ear and of the mastoid process.....	M	64	36	4	3	2	.....	.....	.....	5	6	5	.....	3	.....
	F	50	33	3	.....	.....	.....	.....	.....	7	3	.....	.....	4	.....
86A. Diseases of the ear.....	M	39	25	2	2	1	.....	.....	.....	3	4	1	.....	1	.....
	F	24	15	1	.....	.....	.....	.....	.....	4	1	.....	.....	3	.....
86B. Diseases of the mastoid process.....	M	25	11	2	1	1	.....	.....	.....	2	2	4	.....	2	.....
	F	26	18	2	.....	.....	.....	.....	.....	3	2	.....	.....	1	.....

NATIVITY, AND MONTH OF DEATH—ONTARIO, 1926.—Continued

NATIVITY					MONTHS												
Canada	British	Foreign		Not-stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
2,068	568	82	99	18	282	252	255	272	261	198	213	187	206	233	228	248	
1,020	303	38	62	14	134	129	132	144	127	97	116	96	104	127	119	112	
1,048	265	44	37	4	148	123	123	128	134	101	97	91	102	106	109	136	
25	4	2	9	.....	4	4	3	2	3	2	3	1	2	7	3	6	70
15	5	1	1	.....	2	2	3	.....	2	3	1	4	3	1	1	2	2
6	2	.....	3	.....	2	.....	.....	1	.....	1	1	1	.....	1	.....	3	70A
3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	2	2	6	.....	2	4	3	1	3	1	2	.....	1	.....	.....	.....	.....
12	3	1	1	.....	1	7	7	9	1	2	.....	4	2	1	1	2	71
47	4	2	4	.....	3	2	3	2	4	5	5	7	6	2	5	2	71
38	4	.....	.....	.....	3	3	7	.....	3	3	3	3	3	6	6	1	71A
47	4	2	3	.....	5	2	7	9	4	5	5	7	5	2	5	2	71A
36	4	.....	.....	.....	5	2	3	2	4	3	3	3	3	5	6	1	.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	71B
2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
14	4	.....	2	.....	1	3	1	2	3	.....	1	.....	2	1	2	4	72
4	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	2	.....
77	16	3	3	.....	9	11	8	9	3	5	8	8	6	15	12	5	73
80	12	3	1	.....	13	6	10	5	14	6	6	3	9	10	5	9	.....
436	175	15	23	6	50	61	65	63	62	47	64	39	42	56	50	55	74
536	167	23	22	3	87	72	72	59	73	56	54	46	44	58	52	78	.....
223	85	9	11	4	22	36	34	34	36	22	33	15	20	30	22	28	74A
272	80	14	10	2	47	38	29	30	45	33	20	25	19	25	33	34	.....
189	81	5	9	2	23	24	23	26	24	22	28	23	21	22	25	25	74B
243	76	7	10	1	35	33	39	22	26	19	31	18	24	30	18	42	.....
24	9	1	2	.....	5	1	8	3	2	3	3	1	1	4	3	2	74C
21	11	2	2	.....	5	1	4	7	2	4	3	3	1	3	1	2	.....
84	24	2	1	2	15	9	6	8	12	9	6	6	14	9	13	6	75
94	24	6	4	.....	8	14	8	20	9	8	7	10	11	10	13	10	.....
61	16	2	1	1	8	7	6	3	9	6	3	4	12	6	11	6	75A
59	18	5	3	.....	3	7	8	14	6	5	5	7	9	9	5	7	.....
23	8	.....	1	.....	7	2	.....	5	3	3	3	2	2	3	2	.....	75B
35	6	1	1	.....	5	7	.....	6	3	3	2	3	2	1	8	3	.....
39	16	1	5	2	11	4	7	6	1	2	4	1	8	8	5	6	76
11	7	.....	.....	.....	1	2	.....	1	2	2	.....	.....	4	2	2	2	.....
31	9	2	3	2	6	4	2	3	5	3	3	5	3	5	6	2	77
30	7	1	3	.....	8	4	3	1	5	3	3	3	1	1	5	4	.....
59	17	6	5	.....	13	6	14	13	10	5	1	3	6	7	4	5	78
62	13	1	.....	1	10	4	6	8	6	4	5	6	12	5	7	4	.....
2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	79
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
74	.....	1	1	.....	9	11	5	10	12	7	5	2	5	2	4	4	80
51	.....	1	.....	.....	5	7	6	8	4	3	3	.....	5	.....	3	8	.....
2	1	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	81
2	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
3	2	.....	.....	.....	.....	1	.....	.....	.....	1	.....	1	.....	.....	.....	.....	82
1	1	1	1	.....	2	.....	.....	2	1	.....	.....	.....	.....	3	2	1	.....
5	1	.....	.....	.....	1	1	1	.....	.....	1	.....	1	.....	.....	1	.....	83
8	3	1	.....	.....	1	1	2	1	1	1	2	1	1	1	1	.....	.....
68	19	2	7	.....	7	7	7	7	6	7	10	9	6	13	9	8	84
66	12	5	2	.....	5	5	3	10	7	7	6	6	8	6	10	12	.....
4	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	85
.....	3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
50	11	2	.....	1	3	5	5	11	5	3	5	11	3	2	4	7	86
41	7	2	.....	.....	3	3	7	10	5	3	6	6	1	2	2	2	.....
32	5	1	.....	1	3	2	3	9	2	1	3	6	3	1	3	3	86A
20	4	.....	.....	.....	1	2	3	5	3	2	2	3	1	1	1	.....	.....
18	6	1	.....	.....	.....	3	2	2	3	2	2	5	.....	1	1	4	86B
21	3	2	.....	.....	2	1	4	5	2	1	4	3	.....	1	1	2	.....

TABLE 34—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed		
			Under 15	Single					Married							
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	Age not stat- ed			65 and over	
98D. Other diseases of the larynx.....	M	6	2	1						1					2	
	F	2														
99. Bronchitis.....	M	100	35	2	1	2	10					7	22		20	1
	F	91	17			2	9			1		4	13		45	
99A. Bronchitis, acute.....	M	35	21										8		6	
	F	22	5				3					2	3		9	
99B. Bronchitis, chronic.....	M	35	2	2		1	5					7	9		8	1
	F	30	2			1	2			1		2	4		18	
99C. Bronchitis, not otherwise defined, under 5 years of age.....	M	12	12													
	F	10	10													
99D. Bronchitis, not otherwise defined, 5 years or over.....	M	18			1	1	5						5		6	
	F	29				1	4						6		18	
100. Broncho-pneumonia (including capillary bronchitis).....	M	493	306	14	12	4	10	3	1	10	19	64			50	
	F	477	263	4		9	22		1	18	18	29			113	
100A. Broncho-pneumonia.....	M	481	297	14	12	4	10	3	1	10	19	61			50	
	F	468	257	4		9	21		1	18	18	29			111	
100B. Capillary bronchitis.....	M	12	9									3				
	F	9	6				1								2	
101. Pneumonia.....	M	1,037	239	36	36	50	45	2	2	84	170	200			173	
	F	865	196	18	17	28	43	2	9	95	98	96	2		261	
101A. Pneumonia, lobar.....	M	506	87	21	22	29	18	2	2	57	106	94			68	
	F	396	65	10	9	17	17	2	5	55	54	44			118	
101B. Pneumonia, not otherwise defined.....	M	531	152	15	14	21	27			27	64	106			105	
	F	469	131	8	8	11	26		4	40	44	52	2		143	
102. Pleurisy.....	M	65	15	8	2	4				12	7	11			5	
	F	37	3	2	1	2	2		1	5	7	4			10	
103. Congestion and haemorrhagic infarct of the lung.....	M	55	2	1		1	5				3	18			25	
	F	75	4			3	11			3	4	7			43	
105. Asthma.....	M	38	1		2	2	3			1	9	13			7	
	F	36		1		1	1			1	13	4			15	
106. Pulmonary emphysema.....	M	7	1			1				1	2	2				
	F	3									2				1	
107. Other diseases of the respiratory system (tuberculosis excepted).....	M	37	4	2	1	2	1			5	10	6			6	
	F	18	4		1				1	2	2	1			7	
107A. Chronic interstitial pneumonia including occupational diseases of the lungs.....	M	5									3	1			1	
	F	1													1	
107B. Diseases of the mediastinum.....	F	2	2													
107C. Others under this title.....	M	32	4	2	1	2	1			5	7	5			5	
	F	15	2		1				1	2	2	1			6	
CLASS VI.—DISEASES OF THE DIGESTIVE SYSTEM.																
Total.....			2,478	1,008	100	75	54	54	2	16	226	353	251	1	338	
	M	1,343	571	67	50	31	30	1	3	119	187	157	1	126		
	F	1,135	437	33	25	23	24	1	13	107	166	94		212		
108. Diseases of the mouth and annaxa.....	M	20	3							2	6	5			4	
	F	13	1			1	1			3	4	2			1	
109. Diseases of the pharynx and tonsils (including adenoid vegetations).....	M	82	45	4	1	2	4		1	13	7	4			1	
	F	56	31	4	2					5	8	4			2	
109A. Adenoid vegetations.....	M	1								1						
	F	1		1												
109B. Pharynx and tonsils.....	M	81	45	4	1	2	4		1	12	7	4			1	
	F	55	31	3	2					5	8	4			2	
110. Diseases of the oesophagus.....	M	1									1					
	F	3					1				2					
111. Ulcer of the stomach and duodenum.....	M	130		7	7	7	4			19	38	25			23	
	F	49	1		2	3				9	11	5			18	
111A. Ulcer of the stomach.....	M	70		2	3	2	3			8	21	15			16	
	F	31	1		1	2				6	6	3			12	

NATIVITY, AND MONTH OF DEATH—ONTARIO, 1926.—Continued

NATIVITY					MONTHS												
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
4	2				2		1	1		2							98D
2						1			1								
80	14	1	3	2	14	7	13	13	2	7	9	7	6	5	8	9	99
57	28	1	4	1	9	7	11	11	8	7	8	4	3	4	11	8	
32	3				4	4	4	4	1	2	6		3	1	2	4	99A
12	9				2	3	2	3	3	1	1	1	1	1	1	1	
25	7	1		2	2	3	5	2	1	5	3	5	3	1	2	3	99B
18	9	1	2		3	2	1	3	4	4	7	1	1	2	2		
11			1		4		1	4				2		1			99C
10					1		1	2				1		1	3	1	
12	4		2		4		3	3						2	4	2	99D
17	10		2		3	2	7	3	1			1	1		5	6	
408	61	6	14	4	39	48	56	84	62	38	23	21	22	31	21	48	100
397	60	9	9	2	55	42	58	73	39	44	22	23	20	22	35	44	
397	61	6	13	4	37	48	54	83	60	37	23	20	21	31	20	47	100A
388	60	9	9	2	52	41	57	73	39	44	22	22	19	22	33	44	
11			1		2		2	1	2	1		1	1		1	1	100B
9					3	1	1					1	1		2		
743	208	26	52	8	125	113	134	148	107	65	54	23	43	61	72	92	101
647	166	24	22	6	129	92	135	108	84	53	46	22	30	41	67	58	
351	112	11	26	6	68	48	60	67	52	41	30	8	19	33	34	46	101A
292	89	7	7	1	58	43	65	46	43	20	21	9	12	18	37	24	
392	96	15	26	2	57	65	74	81	55	24	24	15	24	28	38	46	101B
355	77	17	15	5	71	49	70	62	41	33	25	13	18	23	30	34	
49	12	2	2		8	5	6	4	4	7	10	2	5	3	6	5	102
27	7	2	1		4	3	2	1	4	1	6	4	2	2	3	5	
25	24	3	3		3	5	5	5	2	5	7	2	4	3	8	6	103
47	23	4	1		11	9	9	9	3	8	2	3	6	5	3	7	
23	10	1	3	1	2	3	8	8	3	1		1	3	4	1	4	105
24	10	1	1		5	4	5	5		3		3	2	5	1	3	
6	1				1	1	1	1		1			1			1	106
3									2								
22	11	1	3		3	4	3	4	3	6	3	1	1	3	3	3	107
16	2					1	1		2	1	2		1	2	4	4	
1	2		2			1	1				2					1	107A
1																1	
2									1					1			107B
21	9	1	1		3	3	2	4	3	6	1	1	1	3	3	2	107C
13	2				1	1	1		1	1	2		1	1	4	3	
2,007	338	52	75	6	192	188	200	171	175	188	198	270	334	230	158	174	
1,086	178	27	49	3	100	89	108	100	87	103	106	146	189	137	80	98	
921	160	25	26	3	92	99	92	71	88	85	92	124	145	93	78	76	
17	2	1			2	1	3	2		3		4	1	1	1	2	108
11	2					1	1		1			2	2	2	4		
70	7	2	3		4	6	4	9	9	10	7	9	8	4	6	6	109
47	5	1	2	1	5	7		5	3	6	4	5	4	5	9	3	
			1							1							109A
1		2	2		4	6	4	9	9	7	9	8	1	4	6	6	109B
70	7	2	2		4	7		9	9	9	7	9	8	4	6	6	
46	5	1	2	1	5	7		5	3	6	4	5	3	5	9	3	
	1						1										110
	1						1				2		1				
77	44	3	6		11	6	11	5	12	11	9	11	17	13	12	12	111
42	7				5	5	4	3	4	3	9	1	4	3	3	5	
37	28	1	4		7	2	6	2	4	6	5	8	9	8	6	7	111A
27	4				4	5	2	1	2	2	6	1		2	2	4	

TABLE 34—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed	
			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
111B. Ulcer of the duodenum . .	M	60		5	4	5	1			11	17	10		7	
	F	18			1	1				3	5	2		6	
112. Other diseases of the stomach (cancer excepted)	M	100	44		2	3	5			3	8	19		16	
	F	92	33	3	2	2	3			5	8	6		30	
113. Diarrhoea and enteritis (under 2 years of age)	M	351	351												
	F	264	263					1							
114. Diarrhoea and enteritis (2 years or over)	M	56	22		2	1	2			2	8	8		11	
	F	61	19		1	1	3			2	6	9		20	
116. Diseases due to other intestinal parasites	M	2	2												
	F	1	1												
116E. Other parasites specified	M	1	1												
116F. Parasites not specified	M	2	2												
117. Appendicitis and typhlitis	M	228	48	45	26	3	1		2	43	35	11	1	13	
	F	163	55	14	9	2	3		6	30	27	6		11	
118. Hernia, intestinal obstruction	M	184	35	5	6	7	8			16	30	48		29	
	F	163	17	5	3	8	4		1	14	32	24		55	
118A. Hernia	M	75	9	2	2	2	5			7	16	21		11	
	F	53	1			1	2			5	15	12		17	
118B. Intestinal obstruction	M	109	26	3	4	5	3			9	14	27		18	
	F	110	16	5	3	7	2		1	9	17	12		38	
119. Other diseases of the intestines	M	26	3		1	2	1			2	4	2		11	
	F	22	2				1			4	7	1		7	
120. Acute yellow atrophy of the liver	M	2	1			1									
	F	7	1		1				1	4					
122. Cirrhosis of the liver	M	47	1		2	3	1			5	14	14		7	
	F	28		1			2				8	8		9	
122A. Specified as alcoholic	M	46									1				
122B. Not specified as alcoholic	M	1			2	3	1			5	13	14		7	
	F	28		1			2				8	8		9	
123. Biliary calculi	M	21			1					3	8	5		4	
	F	65			1	2	3		1	9	17	12		20	
124. Other diseases of the liver	M	66	7	3		2	3	1		9	20	14		7	
	F	103	1	2	2	3	3		1	12	29	17		33	
125. Diseases of the pancreas	M	5			1		1			1	2				
	F	9		1						3	3			2	
126. Peritonitis without specified cause	M	22	9	3	1					1	6	2			
	F	35	12	3	2	1			3	7	4			3	
127. Other diseases of the digestive system (cancer and tuberculosis excepted)	M														
	F	1												1	
CLASS VII.—NON-VENEREAL DISEASES OF THE URINARY SYSTEM AND ANNEXA.															
Total		2,454	73	49	53	93	145	2	15	156	483	665	2	718	
	M	1,410	34	28	35	57	74	2	2	39	263	509	1	366	
	F	1,044	39	21	18	36	71		13	117	220	156	1	352	
128. Acute nephritis (including unspecified, under 10 years of age)	M	86	16	9	7	6	3		1	4	18	13		9	
	F	79	13	5	2	4	4		3	10	12	8		18	
129. Chronic nephritis (Bright's Disease)	M	817	7	14	23	37	39			25	185	284	1	202	
	F	751	11	11	10	25	56		2	58	157	128	1	292	
131. Other diseases of the kidneys and annexa	M	74	6	5	3	4		2		5	9	21		19	
	F	71	14	3	1	3	6			7	10	9		18	
132. Calculi of the urinary passages	M	19	1		1					2	4	9		2	
	F	3								1	1			1	
133. Diseases of the bladder	M	57				1	3				8	24		21	
	F	15	1				1			1	1	2		9	
134. Diseases of the urethra, urinary abscess, etc.	M	15			1	2	1				2	4		5	
134A. Stricture of the urethra	M	7				2						4		1	

NATIVITY, AND MONTH OF DEATH—ONTARIO, 1926.—Continued

NATIVITY					MONTHS												
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
40	16	2	2	.....	4	4	5	3	8	5	4	3	8	5	6	5	111B
15	3	.....	.....	.....	1	.....	2	2	2	1	3	.....	4	1	1	1	
83	10	1	6	.....	10	7	9	12	7	4	14	5	10	9	4	9	112
73	13	5	1	.....	13	8	8	7	10	6	5	11	8	5	2	9	
345	.....	5	.....	1	19	20	14	18	16	19	20	58	90	57	7	13	113
262	1	.....	.....	1	9	13	12	9	8	12	27	48	69	35	9	13	
46	10	.....	.....	.....	.....	3	2	2	3	3	5	7	14	10	3	4	114
45	13	2	.....	1	4	6	2	5	5	3	3	9	10	6	6	2	
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	116
1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	116E
174	36	7	11	.....	24	12	28	20	13	22	14	25	22	13	15	20	116G
127	24	7	5	.....	19	13	18	15	15	11	9	11	13	11	16	12	117
126	37	6	14	1	14	20	17	13	16	18	20	13	13	16	11	13	118
111	43	3	6	.....	11	21	14	11	14	16	11	15	17	9	9	15	
46	19	2	8	.....	6	10	7	6	9	2	6	5	5	13	3	3	118A
26	21	1	5	.....	3	4	6	8	4	7	2	6	3	4	1	5	
80	18	4	6	1	8	10	10	7	7	16	14	8	8	3	8	10	118B
85	22	2	1	.....	8	17	8	3	10	9	9	9	14	5	8	10	
19	5	.....	2	.....	1	3	.....	1	2	1	4	1	2	2	4	5	119
13	7	1	1	.....	.....	3	1	.....	1	1	5	1	3	1	4	1	
2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	120
6	.....	.....	1	.....	1	2	.....	1	.....	2	1	.....	.....	.....	.....	.....
37	6	1	3	.....	6	6	9	4	.....	1	4	4	2	3	5	3	122
20	6	.....	2	.....	5	3	5	1	3	2	5	.....	1	2	1	.....
.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122A
37	5	1	3	.....	5	6	9	4	.....	1	4	4	2	3	5	3	122B
20	6	.....	2	.....	5	3	5	1	3	2	5	.....	1	2	1	.....
16	4	.....	1	.....	1	.....	2	2	3	4	2	1	1	1	4	.....	123
42	17	3	3	.....	8	6	5	4	5	6	6	7	3	4	5	6	
51	12	1	2	.....	8	3	5	7	3	6	6	4	5	7	7	5	124
80	18	1	4	.....	9	8	12	5	12	8	7	11	8	9	7	7	
4	.....	.....	.....	1	1	.....	.....	1	.....	.....	.....	1	.....	1	.....	1	125
7	2	.....	.....	.....	1	.....	.....	1	2	1	.....	.....	1	.....	3	.....
17	4	.....	1	.....	.....	1	2	5	2	1	1	1	4	.....	1	4	126
31	1	2	1	.....	2	3	8	2	5	4	2	3	2	1	.....	3	
1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
1,746	506	76	109	17	193	221	253	189	252	202	160	174	179	213	202	216	
990	309	38	59	14	116	136	148	100	149	127	84	99	99	109	121	122	
756	197	38	50	3	77	85	105	89	103	75	76	75	80	104	81	94	
64	13	5	4	.....	7	14	10	5	12	5	6	2	3	6	7	9	128
60	14	2	2	1	7	7	5	10	11	8	5	3	3	8	5	7	
586	165	23	35	8	58	75	88	51	88	70	53	57	57	69	73	78	129
538	142	31	39	1	58	51	82	61	71	51	56	53	61	72	61	74	
53	16	1	3	1	11	4	11	6	8	10	2	2	6	5	4	5	131
53	15	1	2	.....	6	9	4	8	7	6	4	7	3	7	5	5	
14	4	.....	1	.....	1	4	1	1	3	2	.....	1	1	.....	3	2	132
2	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....
34	18	1	2	2	6	7	3	5	3	7	2	5	3	6	9	1	133
12	2	.....	.....	1	1	1	.....	1	.....	1	2	3	5	.....	.....	.....
11	3	.....	1	.....	1	1	1	4	1	1	2	.....	2	1	.....	1	134
5	2	.....	.....	.....	1	.....	1	2	.....	1	.....	.....	1	1	.....	.....	134A

TABLE 34—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed		
			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	
134B. Other diseases of the urethra.....	M	8		1		1				2					4	
135. Diseases of the prostate....	M	333				7		28		1	2	36	153		106	
136. Non-venereal diseases of the male genital organs....	M	9	4								1	1	1		2	
137. Cysts and other benign tumours of the ovary....	F	22			2			1		1	2	9	2		5	
138. Salpingitis and pelvic abscesses.....	F	27			1					2	15	8	1			
139. Benign tumours of the uterus.....	F	38		1	2	4		3			9	9	4		6	
140. Non-puerperal uterine hæmorrhage.....	F	3		1								1			1	
141. Other diseases of the female genital organs....	F	35								5	14	12	2		2	
CLASS VIII.—THE PUERPERAL STATE.																
Total	F	381	1	17	4					80	270	8			1	
143. Accidents of pregnancy....	F	40		1	1					5	30	3				
143A. Abortion.....	F	11								2	8	1				
143B. Ectopic gestation.....	F	10		1	1						8					
143C. Others under this title....	F	12								1	9	2				
143D. Abortion, self-induced....	F	7								2	5					
144. Puerperal hæmorrhage....	F	40		2						6	30	2				
145. Other accidents of labour....	F	51		1						8	41	1				
145A. Caesarean section.....	F	11		1						1	9					
145B. Difficult labour.....	F	3									3					
145C. Other surgical operations and instrumental delivery.....	F	25								5	19	1				
145D. Uncontrollable vomiting....	F	10								2	8					
145E. Rupture of uterus in labour, etc.....	F	2									2					
146. Puerperal septicaemia....	F	118		8						36	73	1				
147. Puerperal phlegmasia alba dolens, puerperal embolism, sudden death in puerperium....	F	32								4	26	1			1	
148. Puerperal albuminuria and convulsions.....	F	95	1	5	3					21	65					
149. Following childbirth (not otherwise defined)....	F	5									5					
CLASS IX.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.																
Total		226	37	2	8	12	19			1	12	22	45		68	
	M	138	24	2	4	8	12			1	8	16	33		30	
	F	88	13		4	4	7				4	6	12		38	
151. Gangrene.....	M	55			1	2	9					3	20		20	
	F	43				1	4					1	10		27	
152. Furuncle.....	M	23	3	1	1	2					2	8	3		3	
	F	4	1		1		1					1				
153. Acute abscess.....	M	40	7	1	1	3	3			1	6	5	9		4	
	F	23	5		2	3	1				3	1	1		7	
154. Other diseases of the skin and annexa.....	M	20	14		1	1							1		3	
	F	18	7		1		1				1	3	1		4	
CLASS X.—DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.																
Total		83	27	8	5	3	1				4	15	7		13	
	M	50	16	6	3	1					3	10	7		4	
	F	33	11	2	2	2	1				1	5			9	
155. Diseases of the bones (mastoid and tuberculosis excepted).....	M	35	12	5	3	1					2	5	5		2	
	F	23	8	2	2		1					3			7	

NATIVITY, AND MONTH OF DEATH—ONTARIO, 1926.—Continued

NATIVITY					MONTHS													
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
		USA	Other															
6 221	1 88	8	1 13	3	30	1 31	31	2 28	1 34	32	2 17	32	1 27	21	25	25	134B 135	
7	2				2		3				2			1			136	
17	3		2		1	5	4		1	1	2	3	2	3			137	
18	5	3	1		1	5	1	1	4	4	1		3	4	1	2	138	
28	8		2			5	3	5	5	2	2	2	3	7	3	1	139	
3							1						1			1	140	
25	7	1	2		3	2	3	3	3	1	3	1	5	2	4	5	141	
257	83	12	28	1	29	28	44	43	35	20	39	24	34	36	20	29		
26 9 7 8 2 24 34 6	7 3 2 2 13 11 3 3	1 2 1 2 1 4 2	6 2 2 2 2 2 2		2 1 1 1 5 4 1	2 1 1 1 2 6 1	4 1 2 7 5 2 1	5 2 1 2 2 9 3	5 1 2 1 3 7 1	2 2 3 2 2	1 1 1 4 5 1	1 1 1 3 3 1 1	5 1 1 1 3 4 1	6 2 3 7 4 2 1	2 1 2 4 2 2 1	1 1 1 4 2 2 1	5 1 3 7 4 2 1	143 143A 143B 143C 144 145 145A 145B
21 5	3 2		1 1		4 1	4 1	2		5 4	2	3		2 2	1		2	145C 145D	
2 68							1 7	1 13	1 12		14 5		6 6	9	9	7	145E 146	
22	10				3	1	3	4	3	1	1	4	4	3	2	3	147	
79	11		4	1	4	9	5	10	5	9	12	9	12	9	1	10	148	
4	1					1	1			1	2						149	
159	50	6	8	3	25	23	16	21	31	14	18	15	18	15	14	16		
95 64	34 16	4 2	3 5	2 1	19 6	15 8	7 9	10 11	19 12	8 6	11 7	7 8	14 4	8 7	11 3	9 7		
35 29 19 4 25 16	17 10 3 4 12 4	1 2 1 2	2 2 2 1		10 1 6 2 2 4	2 2 2 4	5 5 2 2	3 7 2 2	9 7 2 3	4 5 2 1	3 2 3 2	4 4 1 2	4 4 3 2	6 2 4 1	3 2 3 1	2 6 3 2	2151 152 153	
16 15	2 2			2	1 1	2 2			2 1	3	3 3	1 1	3 2	3	2	3	154	
64	12	3	3	1	4	6	6	5	6	5	6	12	9	13	8	3		
40 24	6 6	2 1	1 2	1	3 1	3 3	4 2	2 3	2 4	5	5 1	9 3	4 5	8 5	4 4	1 2		
30 18	2 3	2		1	3 1	3 1	2 2	1 2	2 2	3	2 1	6 2	3 4	7 4	2 2	1	155	

TABLE 34—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION														
			Under 15	Single				Married					Wid-owed	Not-stat-ed			
				15-24	25-44	45-65	65 and over	Age not stat-ed	15-24	25-44	45-64	65 and over			Age not stat-		
156. Diseases of the joints (tuberculosis and rheumatism excepted)....	M	10	3									1	4	1		1	
	F	10	3			2						1	2			2	
158. Other diseases of the organs of locomotion..	M	5	1	1									1	1		1	
CLASS XI.—MALFORMATIONS.																	
Total		526	523	2		1											
	M	271	268	2		1											
	F	255	255														
159. Congenital malformations (stillbirths not included).....	M	271	268	2		1											
	F	255	255														
159A. Congenital hydrocephalus	M	26	24	2													
	F	36	36														
159B. Congenital malformations of the heart.....	M	138	138														
	F	104	104														
159C. Others under this title...	M	107	106			1											
	F	115	115														
CLASS XII.—DISEASES OF EARLY INFANCY.																	
Total		2,501	2,501														
	M	1,447	1,447														
	F	1,054	1,054														
160. Congenital debility, icterus and sclerema.....	M	244	244														
	F	166	166														
161. Premature birth, injury at birth.....	M	1,047	1,047														
	F	762	762														
161A. Premature birth.....	M	913	913														
	F	659	659														
161B. Injury at birth.....	M	134	134														
	F	103	103														
162. Other diseases peculiar to early infancy.....	M	152	152														
	F	125	125														
163. Lack of care.....	M	4	4														
	F	1	1														
CLASS XIII.—OLD AGE.																	
Total		728					70	1			3	160			493	1	
	M	301					29				1	109			161	1	
	F	427					41	1			2	51			332		
164. Senility.....	M	301					29				1	109			161	1	
	F	427					41	1			2	51			332		
CLASS XIV.—EXTERNAL CAUSES.																	
Total		2,170	432	249	180	87	84	9	18	309	291	170	4	320	17		
	M	1,535	289	202	163	73	38	9	11	244	227	119	4	141	15		
	F	635	143	47	17	14	46		7	65	64	51		179	2		
165. Suicide by solid or liquid poisons (corrosive substances excepted).....	M	25		2	8	3				8	2	1			1		
	F	7			3					2					2		
166. Suicide by corrosive substances.....	M	16		1	2	1		1		7	3	1					
	F	12		3	2	1				5	1						

NATIVITY, AND MONTH OF DEATH.—ONTARIO, 1926—Continued

NATIVITY					MONTHS											
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
6	3		1				1	1		2	2	2		1	1	156
6	3	1			2		1	1	2			1	1	1	2	
4	1						1				1	1	1		1	158
526					57	50	53	46	46	42	39	40	35	39	36	43
271					27	34	29	27	25	18	21	21	17	19	14	19
255					30	16	24	19	21	24	18	19	18	20	22	24
271					27	34	29	27	25	18	21	21	17	19	14	19
255					30	16	24	19	21	24	18	19	18	20	22	24
26					4	4	4	2	2	1		2	2	2	3	159A
36					1	2	4	4	3	2	3	2	3	4	5	3
138					10	22	13	15	14	10	13	12	7	12	4	6
104					11	7	7	7	7	13	8	9	10	8	10	7
107					13	8	12	10	9	7	8	9	8	5	8	10
115					18	7	13	8	11	9	7	8	5	8	7	14
2,499	1			1	178	225	246	242	239	211	222	185	173	214	163	203
1,446				1	105	133	151	142	132	119	115	108	98	125	101	118
1,053	1				73	92	95	100	107	92	107	77	75	89	62	85
244					17	19	22	17	28	23	20	12	28	23	20	15
166					12	13	11	14	22	16	14	8	18	14	14	12
1,046			1		80	97	112	109	91	83	82	83	61	88	71	90
761	1				57	66	71	73	74	64	82	57	53	64	39	62
912			1		70	86	98	90	78	76	75	77	54	73	59	77
658	1				49	59	61	68	64	55	74	47	45	51	33	53
134					10	11	14	19	13	7	7	6	7	15	12	13
103					8	7	10	5	10	9	8	10	8	13	6	9
152					8	16	17	15	12	13	13	13	9	14	9	13
125					4	13	13	13	11	12	11	12	5	11	9	11
4						1		1	1						1	163
1													1			
426	243	24	26	9	104	51	75	80	59	65	47	49	38	62	45	53
164	107	7	16	7	45	23	25	42	22	17	24	18	19	24	20	22
262	136	17	10	2	59	28	50	38	37	48	23	31	19	38	25	31
164	107	7	16	7	45	23	23	42	22	17	24	18	19	24	20	22
262	136	17	10	2	59	28	50	38	37	48	23	31	19	38	25	31
1,467	380	90	171	62	163	130	149	131	191	202	267	231	185	206	175	140
1,008	255	68	149	55	91	83	106	89	143	141	210	181	127	148	123	93
459	125	22	22	7	72	47	43	42	48	61	57	50	58	58	52	47
19	2	2	1	1			4	2	6	3	2	2	3			3
6	1				2				1		1		1	1		1
8	3	1	3	1	2	1	1			2	1	1		4	3	1
8	3			1	3		2	1	1			1	1	2	1	1

TABLE 34—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Under 15	Single					Married					Wid-owed	Not stated	
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated			
167. Suicide by poisonous gas..	M	9			1	2	3					3				
	F	1		1												
168. Suicide by hanging or strangulation.....	M	53	2	2	7	2	2	1				9	13	6	1	8
	F	15		1	1	1	2			1	2	4	1			2
169. Suicide by drowning.....	M	17		1	1	4					1	5	2			3
	F	16		4	3						3	4				2
170. Suicide by firearms.....	M	58	1	3	13	7					12	14	1			7
	F	3									3					
171. Suicide by cutting or piercing instruments.....	M	24		1	5	2	1				4	7	3			1
	F	2									1	1				
172. Suicide by jumping from high places.....	M	3			2						1					
	F	3									1	1	1			
173. Suicide by crushing.....	M	1														1
	F	1									1					
174. Other suicides.....	M	3			1						1	1				
	F	2										2	2			
175. Poisoning by food.....	M	9	3								2	2	2			
	F	11	7								3		1			
176. Poisoning by venomous animals.....	M	1														1
177. Other acute accidental poisonings (gas excepted)	M	18	6		1	2					3	3	2			1
	F	16	10		1						1	3				1
178. Conflagration.....	M	17	11	1	1		1				1	2				
	F	17	7	2		1				2	2	1				2
179. Accidental burns and scalds (conflagration excepted).....	M	64	42	5			2		1	5	6	2			1	
	F	66	35	2	1		4		1	7	7	2			7	
180. Accidental mechanical suffocation.....	M	20	16	1	1						1				1	
	F	8														
180A. Overlaying.....	M	4	4													
	F	2	2													
180B. Asphyxia.....	M	16	12	1	1						1				1	
	F	6	6													
181. Accidental absorption of irrespirable or poisonous gas.....	M	22	2	1	4	1	3			2	6	2			1	
	F	16	1		1	1	1			3	4	1			4	
182. Accidental drowning.....	M	260	82	75	32	7			1	32	14	4			6	7
	F	38	15	13	1		1			4		1			2	1
183. Accidental traumatism by firearms (wounds of war excepted).....	M	24	7	6	4	1				2	4					
	F	6	4		1				1							
184. Accidental traumatism by cutting or piercing instruments.....	M	2				1				1						
	F	1	1													
185. Accidental traumatism by fall.....	M	147	10	8	14	13	8			20	26	20			28	
	F	112	8	4		6	13			3	12	13			53	
186. Accidental tramatism in mines and quarries....	M	22	1	4	1	1		1		9	4			1		
186A. Coal mines.....	M	2	1							1						
186B. Other mines.....	M	19		4	1	1		1		7	4			1		
186C. Quarries.....	M	1								1						
187. Accidental traumatism by machines.....	M	45	3	7	6	1	1	1		11	8	3			3	1
	F	1		1												
188. Accidental traumatism by other crushing (vehicles, railways, landslides, etc.).....	M	459	70	69	43	14	6	5	5	78	85	41	2		36	5
	F	111	33	13	2	4	3		2	15	21	4			14	
188A. Railroad accidents.....	M	177	11	21	12	10	2	4	3	42	42	12	1		12	5
	F	31	6	5	1		2		1	7	4	2			5	
188B. Street car accidents.....	M	17	2		1		2			1	2	3			6	
	F	8	2							1	1				4	
188C. Automobile accidents....	M	179	49	30	15	2	2	2	2	20	28	17	1		13	
	F	63	20	8	1	4	3		1	7	15	1	3			
188D. Aeroplane and balloon accidents.....	M	1								1						
	F	31	6	2	1	2				3	6	6			5	
188E. Injuries by other vehicles.....	M	6	3							1		1			2	
	F	54	2	16	14			1		11	7	3				
188F. Other crushing.....	M	3	2								1					

NATIVITY, AND MONTH OF DEATH—ONTARIO, 1926.—Continued

NATIVITY				MONTHS												
Can-ada	Brit-ish	Foreign		Not stat-ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
5	3			1				1	1	1	1		1	2	2	167
1	1				1											
34	9		9	1	4	4	2	7	12	5	1	3	5	2	5	3
13	1		1		4	3		1	1	2				1	1	
9	5		2	1		2		2	3	1	1	1	3	1	2	1
12	3		1					2	4	1		3	4	2	1	
41	10	1	5	1	4	2	5	9	3	5	7	5	2	6	6	4
3								2		1						
11	7	1	3	2	2	1	2	3	5	1	2	4	2			2
1		1							1					1		
2			1				1				1		1			
1	1		1		1				1	1	1					
1			1			1		1								
1	1		1						1	1			1			
1			1		1								1			
4	2		3							1		1	5	1	1	
9	2						1		2	2	2	1	2		1	
1													1			
15	2		1		1	2		2		2	1	5	1	3	1	
13	1		1	1	1	2			1	2	2	1	2	2	2	1
16				1	7	4	4	1		1						
15			2		7	1	4	1						1	1	2
59	4	1			6	5	6	1	10	6	6	7	2	5	5	5
54	10		2		7	5	5	5	8	7	6	6	3	4	8	2
17	3				4		5	2	1	2	1			1	2	2
8					2		1	1	1				2			1
4					1		1		1	1						
2					1				1							
13	3				3		4	2		1	1			1	2	2
6					2			1					2			1
12	4	3	2	1	3	5				2	1		1	2	5	3
8	7		1	1	2	2	2	2	1	3		1	1	1	2	
170	37	25	15	13	1	2	11	6	24	45	79	47	14	19	8	4
25	5	6	1	1	2	1	2	1		6	10	9		4	2	1
20	1	2	1		2	2	1	1		7	2		2	4	3	
5	1					1	2		1				1			1
2						1										1
1							1									
96	29	7	11	4	8	13	12	5	11	10	24	16	8	6	20	14
75	32	1	3	1	12	13	5	5	8	10	12	7	13	7	7	13
10	3	1	5	3	3	2	5	1	1		2	2	1	2	1	2
1	1										1					1
8	2	1	5	3	3	2	5	1	1			2	1	2	1	1
1											1					1
30	10	1	2	2	3	1	3	4	5	5	6	2	6	6	1	3
1												1				
284	83	15	59	18	21	18	28	26	39	30	41	65	52	60	50	29
88	13	8	2		7	3	4	6	9	12	15	7	16	18	7	7
93	30	7	36	11	8	4	14	8	17	10	17	23	20	19	26	11
27	3	1			3	1	3	4	5	2			4	3	4	2
8	7	1	1		1		2		1			2	2	5		4
6	2				1	1					2	2	2	1		1
130	33	6	7	3	4	5	3	11	18	15	15	30	22	35	11	10
47	8	6	2		3	1	1	1	4	9	12	6	8	12	2	4
	1											1				
24	6		1		2	2	1	2		2	4	6	2	3	4	
6								1		1				1		1
29	6	1	14	4	6	7	8	5		3	3	3	3	3	9	4
2		1										1	1	1		

TABLE 34—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed	
			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
189. Injuries by animals (poi- soning excepted).....	M F	19 3	4 1	3	1	2	2				2	2	2	1	
192. Starvation (deprivation of food or water).....	M F	2 11			1						1		1		
193. Excessive cold.....	M F	4 9	1 4		2	1				2	1	2		2	
194. Excessive heat.....	M F	2 9		4	1		1				3			1	
195. Lightning.....	M F	2 3			1						1	2		1	
196. Other accidental electric shocks.....	M F	3 1								1					
197. Homicide by firearms.....	M F	23 1	1 1	3	3	2			2	10	2				
198. Homicide by cutting or piercing instruments..	M F	10 6	1 3	1					2	4				1	1
199. Homicide by other means	M F	17 11	8 7		1	1			5	2					
201. Fracture (cause not speci- fied).....	M F	70 129	1 1	2	1	1	8	17		1	1	21		35	
202. Other external violence (cause specified).....	M F	49 11	13 2	5	5	4	1		11	5	3			1	1
203. External violence (cause not specified).....	M F	11 2	2	1			2		1	1				4	
	M F	1 1			1				1					1	
CLASS XV.—ILL-DEFINED DISEASES.															
Tota.....		262	46	12	5	8	15	2	11	35	46		80	2	
	M F	151 111	20 26	7 5	4 1	5 3	9 6	2	5 6	24 11	33 13		40 40	2	
204. Sudden death.....	M F	8 9	1 3				1			1	3		3		
205. Cause of death not speci- fied or ill-defined.....	M F	143 102	19 23	7 5	4 1	5 3	9 5	2	5 6	23 10	30 10		37 39	2	
205A. Ill-defined.....	M F	10 7	6 4						1 1	1			2		
206B. Not specified or unknown	M F	26 34	9 19	5	3	2		1	2	3			1		1
205C. Heart failure.....	M F	96 57	4	2		2	9	1	5	17	27		31	1	
205D. Syncope.....	M F	11 4			1	1				2	3		4		
	M F	1 4								1	2		1		

NATIVITY, AND MONTH OF DEATH—ONTARIO, 1926.—Continued

NATIVITY					MONTHS												
Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
12	4		2	1	1			3	4	1	4	1	1	2	1	1	189
2			1			1	1										1
1				1			1					1					192
8	1	1		1	2	4	1							2	2		193
2	1	1		1	1	2						7			1		194
7	1	1										2					195
3	1	1								1							
1																	
15	4		4		2	1		1	1	2	6	1	2	6		1	196
1							1										
6	1		2	1	2				1		2			4		1	197
6										1	4	1					
		1								1							198
		1															1
12	1	3	1	2	1	3	2	1	1	1	5			1			199
10	1			1	2			2	2	2	1		1	1	1		
46	18	3	3	8	11	5	8	10	1	4	3	6	4	4	4	6	201
82	38	4	4	1	17	10	12	12	6	8	3	10	10	17	14		14
31	6	3	9	3	1	6	1	4	6	5	5	7	4	1	6		202
7	3		1	2			2	1	2				2	1	1		1
1	1											1		1			203
	1						1										
200	45	4	10	3	18	10	25	27	28	31	19	25	12	22	13	32	
114	26	2	7	2	13	5	17	15	16	17	8	16	2	13	10	19	
86	19	2	3	1	5	5	8	12	12	14	11	9	10	9	3	13	
7	1				1					1		1		2		2	204
7	2				1	1	1		2		1			2		2	2
107	25	2	7	2	12	4	17	15	16	16	8	15	2	11	10	17	205
79	17	2	3	1	5	4	7	12	10	14	10	9	10	7	3	11	
9	1				2		1		3	1	1			1		1	205A
7					1	1	1	1	1		2			1			
24	1			1	1	2	4	4	3	5	2	5					205B
34					3	2	2	5	5	6	3	8					
67	20	2	6	1	7	2	9	10	10	9	3	8	2	11	9	16	205C
36	16	2	2	1	2	1	3	5	4	7	4	1	10	6	3	11	
7	3		1		2		3	1		1	2	2					205D
2	1		1				1	1		1	1						

NATIVITY, AND MONTH OF DEATH—TORONTO, 1926.—Continued

NATIVITY					MONTHS											
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
3,760	1,967	164	355	49	523	495	651	689	553	524	458	416	512	497	423	554
1,861	991	79	187	33	261	265	327	347	269	259	229	201	252	242	208	291
1,899	976	85	168	16	262	230	324	342	284	265	229	215	260	255	215	263
500	178	10	48	3	58	60	85	134	62	53	41	51	47	50	38	60
259	98	2	33	1	32	41	39	68	34	29	26	21	23	27	22	31
241	80	8	15	2	26	19	46	66	28	24	15	30	24	23	16	29
1	3				1			1						1		1
2	2				1							1			1	1
2	3				1			1						1		
1	2				1									1	1	
10					1		2		2	2	2					1
5					1		1	1	2	1	2					7
5					1		1									2
15					1											8
22	1				2	2	2	5	2		1			1		9
42	1				5	2	3	7	5		1	6				6
42	1	1			5	2	1	4	1	4	4	4	2	4	6	6
42	3		2		1	3	4	3	1	1	4	6	6	7	3	8
55	33		4		6	9	13	29	12	8		6	1	1	3	7
60	36		5	1	7	7	17	38	12	3		3	2	1	4	7
3	1				1			1	2							
2	8						3	3	2				2			
1								1								
2								1	1							
1	2								1							
29	20		3		6	4	8	16	7	5		1		1	1	3
33	15		4		4	3	9	26	3	1	1	1			2	2
1								1								
1									1							
2	2				2			2								
21	12		1			4	5	10	3	3			1	2	2	4
19	9		1	1	1	4	2	6	5	2	2			1	2	5
1			1			1	1									
3	2					1				1			2	1		13
2	2						1						1	2		16
1																
12	8		2		2	2	4	2	1	2	2		1	2	1	2
9	3	1	1		1		1	2	3	4		1	2	1		2
7			1		1								4	2		
6												2	1	2	1	22
2	3					2		1						2		
1			1				2									
3	2				1								1	2		1
4	1				3			1								
3						1					1				1	25
3										1				1		1
2						1					1					25A
1										1						25B
1															1	25C
2														1		1
4	2								1		2	1		1		29
1			2					2								30
71	28	1	20	1	8	15	11	19	8	10	14	9	7	6	8	6
70	24	4	3	1	8	8	F12	13	3	12	4	11	7	10	5	9
43	19	1	17	1	7	13	8	10	7	8	5	4	5	3	6	5
51	22	4	2	1	4	8	8	10	3	10	4	6	6	9	3	9
15	3		1			1		8	1	1	4	1		2	1	32
7			1		4			1		1		1	1			

TABLE 35—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION														
			Under 15	Single					Married					Widowed	Not stated		
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated				
33. Tuberculosis of the intestines and peritoneum.	M	2	1								1						
	F	3			1						1					1	
34. Tuberculosis of the vertebral column.	M	3	1		1											1	
	F	1			1												
35. Tuberculosis of the joints.	M	1		1													
36. Tuberculosis of other organs.	M	7	1	1	2	1					1	1					
	F	4	1		1						2						
36c. Tuberculosis of the lymphatic system (mesenteric, and retroperitoneal glands excepted)	M	2	1		1												
	F	1	1														
36d. Tuberculosis of the genitourinary system.	M	4			2	1					1						
	F	3			1						2						
36e. Tuberculosis of organs other than above.	M	1										1					
37. Disseminated tuberculosis.	M	8	4								3					1	
	F	6	1	2							1		1			1	
37A. Disseminated tuberculosis, acute.	M	8	4								3					1	
	F	4	1	1							1					1	
37B. Disseminated tuberculosis, chronic or unstated.	F	2		1									1				
38. Syphilis.	M	24	2		1	2					5	10	2			2	
	F	15	3			1	1	1			3	3				4	
40. Gonococcus infection.	M	1			1												
	F	1															
41. Purulent infection, septicaemia.	M	22	5	3	1						4	5				3	
	F	9		3							1	2				2	
CLASS II.—GENERAL DISEASES NOT INCLUDED IN CLASS I.																	
Total		1,124	66	17	48	89	39			3	124	313	140			283	2
	M	456	41	6	28	34	13			1	47	134	87			63	2
	F	668	25	11	20	55	26			2	77	179	53			220	
43-49. Cancer. Total	M	282	4	1	10	26	9				24	93	67			47	1
	F	425	2	2	12	34	18			2	42	120	38			155	
43. Cancer of the buccal cavity	M	26	1		1	3	2					11	3			5	
	F	9			1		1				1	3	1			2	
44. Cancer of the stomach and liver.	M	105			2	11	4				12	30	27			19	
	F	98			2	7	3				1	26	12			47	
45. Cancer of the peritoneum, intestines and rectum.	M	53			3	4	1				6	18	11			10	
	F	75			1	6	6				5	21	8			28	
46. Cancer of the female genital organs.	F	102		2	7	3	1				17	29	9			34	
47. Cancer of the breast.	M	2										1				1	
	F	85			1	11	2			2	12	29	4			24	
48. Cancer of the skin.	M	5				1					1	1	1			1	
	F	3					1									2	
49. Cancer of other or unspecified organs.	M	91	3	1	4	7	2				5	32	25			11	1
	F	53	2			7	4				6	12	4			18	
50. Benign tumours and tumours not returned as malignant (tumours of female organs excepted).	M	4		1		1							2				
	F	7				2					1					3	
51. Acute rheumatic fever.	M	9	3	1	1						1	2					1
	F	9	5	1							1	1				1	
52. Chronic rheumatism, osteoarthritis, gout.	M	3								1						1	
	F	4				1						1	1			1	
53. Scurvy.	M	1									1						
54. Pellagra.	M	2				2											
	F	2															
56. Rickets.	M	10	10														
	F	6	6														
57. Diabetes mellitus.	M	38	1	2	4	2	3				4	12	7			3	
	F	49	2	1		2	1				3	19	7			14	

NATIVITY, AND MONTH OF DEATH—TORONTO, 1926.—Continued

NATIVITY					MONTHS												
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
2								1					1				33
3								1	1				1				
3												1			1		34
1													1			1	
3								2			1	2	1				35
3	3		1								1		1			1	36
3	1										1		2			1	
1	1							1			1						36C
1										1							
1	2		1								1	1	1			1	36D
2	1												2			1	
1								1									36E
3	3		1		1	1						2	1	2			37
5	1						3	1					1		1		
4	3		1		1	1		1				2	1	2			37A
3	1							2	1				1				
2								1							1		37B
11	10		3		3	4		3	2	3			1	2	2	1	38
7	4	3	1		2			1		2			1	3	1	2	3
			1														40
1																	1
14	7		1		1	2	2	3	4	2			3	2	2	1	41
4	4		1		2	2	2	1	2	1				1			
601	403	33	79	8	86	73	115	99	107	99	91	81	95	84	85	109	
235	165	14	36	6	34	34	46	43	44	36	38	29	41	35	29	47	
366	238	19	43	2	52	39	69	56	63	63	53	52	54	49	56	62	
116	124	11	26	5	23	27	26	25	28	22	20	20	28	24	15	29	43-49
209	174	16	25	1	33	22	42	37	35	36	29	36	41	27	41	41	
10	12	2	1	1	3	3		5	3	1	4	1		3	1	2	43
4	5				1	2	1	1		1		1			1	1	1
42	46	4	11	2	8	4	13	10	14	9	8	10	5	7	5	9	12
49	36	4	9		4	5	8	12	9	9	11	7	9	5	9	10	44
18	27	2	6		4	4	6	4	4	3	3	4	9	6	2	4	45
32	37	3	2	1	8	3	8	4	7	6	2	5	9	10	9	4	
43	48	4	7		7	6	11	11	6	8	8	13	11	6	8	7	46
1	1												1	1			47
51	27	4	3		5	7	8	6	9	5	3	6	6	5	11	14	
3	1		1		1		1			1	1				1		48
2	1				1		1								1		
42	37	3	7	2	7	11	6	6	7	8	4	5	13	7	6	11	49
28	20	1	4		7	4	5	3	4	7	5	4	6	1	2	5	
2	1		1			1		1			1						150
4	3						3	1		1							2
6	3						1	2		1		1	1		1		251
6	3				2		1	1	2	1	1		1				
2	1							1								2	52
3	1					1		1				1			1		
1	1										1						53
10	1									1			1				54
6					1	3	2	2	2		1		1				56
6						2	1	3									
23	13	1	1		3	2	3	3	2	4	5	3	4	2	3	4	57
24	16	2	7		7	5	8	3	3	4	2	4		3	3	7	

TABLE 35—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Age	CONJUGAL CONDITION												Wid- owed	Not stat- ed
			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			
58. Anaemia, chlorosis	M	34		1	1	1	1				4	11	9		6	
	F	55				9	4				4	12	4		22	
58A. Pernicious anaemia	M	33			1	1	1				4	11	9		6	
	F	52				8	4				4	12	4		20	
58B. Other anaemias and chlorosis	M	1		1												
	F	3				1									2	
60. Diseases of the thyroid gland	M	12			3	1					4	2	1		1	
	F	73		3	8	5	2				18	22	3		12	
60A. Exophthalmic goitre	M	7			3						2	1			1	
	F	47		1	6	4	1				15	15	1		4	
60B. Other diseases of the thyroid gland	M	5				1					2	1	1			
	F	26		2	2	1	1				3	7	2		8	
61. Diseases of the parathyroid glands	M	3	3													
	F	1	1													
62. Diseases of the thymus	M	6	6													
	F	4	3	1												
63. Diseases of the adrenals (Addison's disease)	M	3										1	1		1	
	F	3	1								1				1	
64. Diseases of the spleen	M	1	1													
	F	3														
65. Luekaemia, lymphadenoma	M	19	4		4						3	7			1	
	F	16	1	3			1				3	3			5	
65A. Leukaemia	M	12	2		3						3	3			1	
	F	12		2			1				2	3			4	
65B. Lymphadenoma (Hodgkin's disease)	M	7	2		1							4				
	F	4	1	1							1				1	
66. Alcoholism	M	19			5	3					6	4			1	
	F	9									4	1			4	
66A. Delirium tremens	M	3									3					
	F	3														
66B. Acute alcoholism	M	13			5	2					3	3			2	
	F	4									1	1			2	
66C. Chronic alcoholism	M	3				1						1			1	
	F	5									3				2	
67. Chronic poisoning by mineral substances	M	1													1	
	F	1													1	
67A. Chronic lead poisoning	M	1													1	
	F	1													1	
69. Other general diseases	M	11	9									1			1	
	F	5	3												2	
69B. Haemophilia	M	7	7													
	F	1	1													
69C. Purpura haemorrhagica	M	2	2													
	F	2	2													
69D. Others under this title	M	4	2									1			1	
	F	2													2	
CLASS III.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
Total			462	78	14	22	13	25		1	42	77	71		116	3
	M	227	43	3	12	6	9			1	26	49	45		30	3
	F	235	35	11	10	7	16				16	28	26		86	
70. Encephalitis	M	8	1	1	1						1	2	1		1	
	F	6	2									1	1		2	
70A. Abscess of brain	M	1										1				
	F	1										1				
70B. Encephalitis	M	7		1	1						1	1			1	
	F	5	2								1	1			2	
71. Meningitis	M	9	8									1				
	F	12	8	2								1			1	
71A. Simple meningitis	M	9	8									1				
	F	11	7	2								1			1	
71B. Non-epidemic, cerebrospinal meningitis	M	1	1													
	F	1	1													
72. Tabes dorsalis (locomotor ataxia)	M	5					1				1	2			1	
	F	2											1		1	
73. Other diseases of the spinal cord	M	10	1			1					2	3	2		1	
	F	20	1	2	2	1					1	2			11	
74. Cerebral haemorrhage, apoplexy	M	89	4		1		4				3	22	33		22	
	F	110	1	2	2	3	9				6	16	20		51	

NATIVITY, AND MONTH OF DEATH—TORONTO, 1926.—Continued

NATIVITY					MONTHS												
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
20	11	1	2	.....	3	1	2	4	5	4	3	2	2	5	2	1	58
39	13	.....	3	.....	3	5	4	3	8	7	10	4	4	5	.....	3	58A
20	11	1	1	.....	3	1	2	4	4	4	3	2	2	5	2	.....	58A
36	13	.....	3	.....	2	5	3	3	8	7	9	4	4	4	.....	3	58B
.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	58B
3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	60
7	3	.....	2	.....	.....	1	.....	3	2	1	1	.....	1	.....	1	2	60
48	21	.....	3	1	5	1	7	5	7	10	5	4	3	12	7	7	60A
5	1	.....	1	.....	.....	1	.....	2	1	.....	1	.....	.....	.....	.....	2	60A
30	14	.....	2	1	4	.....	4	5	4	8	1	3	2	6	4	6	60A
2	2	.....	1	.....	.....	.....	.....	1	1	1	.....	.....	1	.....	1	.....	60B
18	7	.....	1	.....	1	1	3	.....	3	2	4	1	1	6	3	1	60B
3	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
6	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2	62
3	1	.....	.....	.....	1	.....	.....	.....	1	1	1	.....	1	.....	.....	.....	62
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
3	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	63
1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	.....	64
13	4	.....	2	.....	1	1	5	1	2	1	1	.....	.....	1	.....	1	65
9	2	1	4	.....	2	.....	1	3	2	1	3	2	1	.....	3	1	65A
9	2	.....	1	.....	.....	.....	1	3	2	1	.....	.....	1	.....	1	.....	65A
7	2	1	2	.....	.....	.....	.....	1	2	.....	1	3	2	1	2	.....	65A
4	2	.....	1	.....	1	.....	2	1	1	.....	1	.....	.....	.....	.....	2	65B
2	2	.....	2	.....	2	.....	1	1	1	.....	.....	.....	.....	.....	1	.....	65B
14	3	1	1	1	3	3	1	1	2	2	2	1	3	1	1	2	66
5	2	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1	1	.....	66
3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....	66A
9	1	1	1	1	3	3	.....	1	1	.....	2	1	1	1	.....	1	66B
2	1	.....	1	.....	.....	.....	.....	1	.....	.....	2	.....	1	.....	1	.....	66B
2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	66C
3	2	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	1	.....	1	.....	66C
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	67
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	67A
11	.....	.....	.....	.....	1	2	1	.....	1	1	1	1	.....	.....	2	1	69
5	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	.....	.....	.....	.....	69
7	.....	.....	.....	.....	.....	2	.....	.....	.....	1	1	1	.....	.....	2	.....	69B
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	69C
2	.....	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	1	69D
4	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	69D
2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	69D
268	154	14	21	5	45	32	42	47	37	33	32	35	36	42	36	45	.....
124	79	8	11	5	19	13	21	25	21	14	18	23	15	18	19	21	.....
144	75	6	10	.....	26	19	21	22	16	19	14	12	21	24	17	24	.....
4	1	.....	3	.....	.....	.....	1	.....	2	.....	1	.....	.....	1	1	2	70
4	1	.....	1	.....	.....	.....	1	.....	.....	1	.....	1	1	.....	1	1	70A
1	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	70A
4	1	.....	2	.....	.....	.....	.....	.....	2	.....	1	.....	.....	1	1	1	70B
3	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....	1	1	70B
8	1	.....	.....	.....	.....	.....	2	1	1	.....	1	2	.....	1	1	1	71
9	3	.....	.....	.....	2	1	.....	1	.....	2	1	2	1	2	.....	.....	71A
8	1	.....	.....	.....	.....	.....	2	1	1	.....	1	2	1	.....	1	1	71A
8	3	.....	.....	.....	2	.....	.....	1	.....	2	1	2	1	2	.....	.....	71A
1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71B
1	3	.....	.....	.....	1	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	72
1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	72
7	3	.....	.....	.....	.....	.....	2	2	.....	1	2	2	.....	.....	.....	.....	73
14	6	.....	.....	.....	3	2	1	1	2	2	1	.....	2	2	1	3	73
41	42	3	2	1	7	6	6	7	7	10	6	5	5	12	9	9	74
63	41	2	4	.....	14	9	11	10	8	10	6	4	8	12	8	10	74

TABLE 35—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid-owed	Not stat-ed			
			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		
92. Embolism and thrombosis (not cerebral).....	M	5					1						2			2	
	F	10					1						2	4		3	
93. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.).....	M	2			1									1			
	F	4											3			1	
94. Diseases of the lymphatic system (lymphangitis, etc.).....	M	3	2			1											
	F	2											1	1			
95. Haemorrhage without specified cause.....	F	1											1				
CLASS V.—DISEASES OF THE RESPIRATORY SYSTEM.																	
Total.....		591	171	12	14	25	18	.....	5	58	76	74	.....	138	.....	
	M	328	103	10	10	14	4	.....	5	35	52	53	.....	47	.....	
	F	263	68	2	4	11	14	.....	5	23	24	21	.....	91	.....	
97. Diseases of the nasal fossae and their annexa.....	F	1	1														
98. Diseases of the larynx.....	M	2	2														
	F	2	2														
98B. Laryngitis.....	M	2	2														
	F	1	1														
98D. Other diseases of the larynx	F	1	1														
99. Bronchitis.....	M	10	3										1	3		3	
	F	15	1				3							2		9	
99A. Bronchitis, acute.....	M	5	3											1		1	
	F	3					1							1		1	
99B. Bronchitis, chronic.....	M	5											1	2		2	
	F	7					1						2			6	
99C. Bronchitis, not otherwise defined, under 5 years of age.....	F	1	1														
99D. Bronchitis, not otherwise defined, 5 years or over	F	4					1						1			2	
100. Broncho-pneumonia (including capillary bronchitis).....	M	105	63	5	3	2	1				6	3	12			10	
	F	84	41			3	5		1		4	3	5			22	
100A. Broncho-pneumonia.....	M	102	60	5	3	2	1				6	3	12			10	
	F	83	40			3	5		1		4	3	5			22	
100B. Capillary bronchitis.....	M	3	3														
	F	1	1														
101. Pneumonia.....	M	174	31	4	7	10	3				24	38	31			26	
	F	125	22		3	7	3		3		16	16	12			43	
101A. Pneumonia, lobar.....	M	100	13	1	5	8	3				16	26	15			13	
	F	75	9		2	4	2		2		12	9	11			24	
101B. Pneumonia, not otherwise defined.....	M	74	18	3	2	2					8	12	16			13	
	F	50	13		1	3	1		1		4	7	1			19	
102. Pleurisy.....	M	12	3								3	3	2			1	
	F	10	1	1			1				1	1				5	
103. Congestion and haemorrhagic infarct of the lung.....	M	8		1								1	3			3	
	F	9					2					1	1			5	
105. Asthma.....	M	10	1			1						3	2			3	
	F	11		1		1						3	1			5	
106. Pulmonary emphysema.....	M	1										1					
107. Other diseases of the respiratory system (tuberculosis excepted)	M	6				1					2	2				1	
	F	6			1				1		2	2				2	
107C. Others under this title.....	M	6				1					2	2				1	
	F	6			1				1		2	2				2	
CLASS VI.—DISEASES OF THE DIGESTIVE SYSTEM.																	
Total.....		454	157	20	25	11	6	.....	2	61	80	23	.....	69	.....	
	M	237	87	17	16	6	1	.....	2	35	44	12	.....	19	.....	
	F	217	70	3	9	5	5	.....	2	26	36	11	.....	50	.....	
108. Diseases of the mouth and annexa.....	M	2									1						
	F	2										2					

NATIVITY, AND MONTH OF DEATH—TORONTO, 1926.—Continued

NATIVITY					MONTHS											
Can-ada	Brit-ish	Foreign		Not stat-ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
2	2		1					1		1	1			1	1	92
6	3		1		1	1		1	2	1		2		1	1	
2	2						1			1		1			1	93
2	1				2	1		1						1		94
1	1															1
			1													1
348	198	17	26	2	53	51	83	76	72	45	29	23	36	45	30	48
193	106	10	17	2	30	23	44	43	41	26	19	11	19	30	12	30
155	92	7	9		23	28	39	33	31	19	10	12	17	15	18	18
1									1							97
2									1							1
2									1							1
2									1							1
1									1							1
1									1							98B
6	4				1	2	2	1	1	1	1	1	1			98D
9	5		1		2	4	3	2	2	1	1	2	2			99
4	1				1	1		1	1							99A
2	1				1	1			1							99A
2	3				1	2				1	1		1			99B
4	2		1		1			3	1				1	1		99B
1														1		99C
2	2						4									99D
84	15	3	1	2	3	4	14	21	20	8	6	4	7	10	1	7
55	25	1	3		6	8	9	15	11	8	3	7	3	4	5	5
81	15	3	1	2	3	4	13	20	19	8	6	4	7	10	1	7
54	25	1	3		6	8	9	15	11	8	3	7	2	4	5	5
3							1	1	1							100B
1													1			
84	70	5	15		22	15	23	16	21	12	10	3	9	15	9	19
71	45	4	5		15	14	22	14	13	8	5	2	7	7	10	8
45	42	3	10		15	8	9	6	13	11	7	2	4	8	4	13
43	26	3	3		11	7	10	6	10	2	3	2	5	5	8	6
39	28	2	5		7	7	14	10	8	1	3	1	5	7	5	6
28	19	1	2		4	7	12	8	3	6	2	2	2	2	2	2
8	3	1			1	2				3	2	2	2		1	1
4	5	1			1		1		3		1	2	1			1
1	6		1				2	1		1			1	2		1
4	5					3	1			2			2			1
4	5	1			1		3	2					1	2	1	1
5	5	1			1	1	2			1		1	2	2		1
	1															1
4	2				2			1		1		1		1		1
4	2								1		1				3	1
4	2				2			1		1		1		1		1
4	2								1		1				3	1
304	118	13	18	1	35	33	35	34	33	45	33	37	64	36	34	35
162	59	6	10		20	16	15	12	16	25	17	21	35	20	19	21
142	59	7	8	1	15	17	20	22	17	20	16	16	29	16	15	14
1	1									2						1
1	1						1							1		108

NATIVITY, AND MONTH OF DEATH—TORONTO, 1926.—Continued

Canada	NATIVITY			MONTHS													
	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.		Dec.
		USA	Other														
23	2	2	1	1	2	1	3	3	6	2	1	4	2	2	3	109	
14	2		1	2	1		4	1	1			2		2	3	109A	
1			1						1							109B	
23	2	2		1	2	1	3	3	5	2	1	4		2	3	110	
13	2			2	1		4	1	1			1		2	3	110	
2										2						110	
20	21			4	1	3		3	3	5	3	7	4	3	5	111	
8	3				1		1	2	4		1	1	1		1	111	
5	14			2		2		2	1	1	2	4	2		3	111A	
4	2				1			1		3					1	111B	
15	7			2	1	1		1	2	4	1	3	2	3	2	111B	
4	1						1	1		1		1	1			111B	
6			1		1	2	1	1		1		1				112	
5	3	3			1	3	1	2				1		2		112	
41				4	2	3	1	2	2	1	4	9	9	3	1	113	
39	1			3	1	1	1	1	2	1	6	17	2	3	2	113	
4	1								1		2	2				114	
6				1		1	1							1	2	114	
31	16	2	3	8	3	3	4	2	5	2	7	7	1	5	5	117	
20	13		1	2	2	2	5	2	3	2	5	2	3	4	2	117	
15	11	2	2	1	5	2	2	3	3	4	2	3	2	2	1	118	
17	15	1	3	1	5	6	6	4	4			4	2	2	2	118	
6	4	1	1	1	3	1	1	2		1		1	2			118A	
5	9	1	2		1	4	5	2	2			1	1		1	118B	
9	7	1	1		2	1	1	1	3	3	2	2	2	2	1	118B	
12	6		1	1	4	2	1	2	2			3	1	2	1	118B	
2	1			1											2	119	
2	1	1	1		2				1			1			1	119	
2									2							120	
2	1		2	1	1					2		2		1		122	
2	2			1					1	2						122	
2	1		2	1	1						2			1		122B	
2	2		1						1	2						122B	
4	1		1					1	2	1				2		123	
8	7		1	1	2	1		2	3	2	2	1	1	1	2	123	
9	4				1	1	1	1	1	1		1	3	1	2	124	
16	5	1	2	3	2	2		4	3	2	2	1	2	2	1	124	
1														1		125	
1								1								125	
3												1			2	126	
5		1		1		3	1			1						126	
204	132	21	32	5	27	38	40	28	39	36	26	33	29	32	25	41	
108	74	9	16	3	18	26	24	13	16	19	12	17	13	14	14	24	
96	58	12	16	2	9	12	16	15	23	17	14	16	16	18	11	17	
11	1	1	2	1	4	3	1	1					2	1	1	128	
6	6	1		1	2	2	3	2	1					2		128	
50	34	5	9	1	7	11	13	4	6	8	7	11	4	6	9	13	
60	38	7	12	1	5	4	12	9	15	12	10	7	13	9	9	13	
12	5			2	2	3	1	2	3					1	1	2	
11	5	1	1	1	3	1	1	3	1			3		2	1	2	
2	3		1	1	1	1	1	1								1	
1							1									1	

TABLE 35—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Under 15	Single					Married					Wid-owed	Not stated	
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated			
133. Diseases of the bladder...	M	7											2	3		2
	F	3														3
134. Diseases of the urethra, urinary abscess, etc...	M	5			1	1								2		1
134A. Stricture of the urethra...	M	3			1									2		
134B. Other diseases of the urethra...	M	2				1										1
135. Diseases of the prostate...	M	61			1	5			1	8	26					20
137. Cysts and other benign tumours of the ovary...	F	5								1	4					
138. Salpingitis and pelvic abscess...	F	12								8	4					
139. Benign tumours of the uterus...	F	6								1	2	1				2
141. Other diseases of the female genital organs.	F	8									2	5	1			
CLASS VIII.—THE PUERPERAL STATE.																
Total	F	84		3	1					15	63	2				
143. Accidents of pregnancy...	F	14		1	1					10	2					
143A. Abortion...	F	3								2	1					
143B. Ectopic gestation...	F	4		1	1					2						
143C. Others under this title...	F	3								2	1					
143D. Abortion, self-induced...	F	4								4						
144. Puerperal haemorrhage...	F	11							1	10						
145. Other accidents of labour...	F	9							1	8						
145A. Caesarean section...	F	5								5						
145B. Difficult labour...	F	1								1						
145C. Other surgical operations and instrumental delivery...	F	2								1	1					
145D. Uncontrollable vomiting...	F	1								1						
146. Puerperal septicaemia...	F	29								9	20					
147. Puerperal phlegmasia alba dolens, puerperal embolism, sudden death in puerperium...	F	6									6					
148. Puerperal albuminuria and convulsions...	F	14		2						4	8					
149. Following childbirth (not otherwise defined)...	F	1									1					
CLASS IX.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.																
Total		41	10		1	2	2			5	5	9				7
	M	27	9				1			4	4	7				2
	F	14	1		1	2	1			1	1	2				5
151. Gangrene...	M	3										3				
	F	6					1					2				3
152. Furuncle...	M	6	2							1	2	1				
153. Acute abscess...	M	15	4				1			3	2	3				2
	F	7	1		1	2				1						2
154. Other diseases of the skin and annexa...	M	3	3													
	F	1									1					
CLASS X.—DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.																
Total		31	12	4	1	1	1			2	6	1				3
	M	18	6	3	1					2	4	1				1
	F	13	6	1		1	1				2					2
155. Diseases of the bones (mastoid and tuberculosis excepted)...	M	13	5	2	1					1	2	1				1
	F	10	4	1			1				2					2

NATIVITY, AND MONTH OF DEATH—TORONTO, 1926.—Continued

Canada	NATIVITY				MONTHS												
	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
3	4				3	1	1			1						1	133
1	1			1								3					
2	2		1			1		1		1	1			1			134
1	2							1		1				1			134A
1			1			1					1						134B
28	25	3	3	2	4	6	3	5	6	6	4	6	7	5	3	6	135
3	1		1			2					2	1					137
6	4	2			1	1			2	2	1		2	1	1	1	138
5			1					1	1			1			3		139
3	3	1	1		1			1		1	1	1	1	1		1	141
34	34	3	13		7	9	9	9	4	3	7	5	6	11	8	6	
7	2	1	4		1	1		3	1			1	1	4	1	1	143
1			2					1	1					1			143A
3	1				1			1							1	1	143B
2			1					1					1	1			143C
1	1	1	1			1						1		2			143D
4	7				1	1	1		1		2	1		2	2		144
3	4	1	1		1	1		3			1	1	1	1			145
2	2	1				1		2				1		1			145A
	1										1						145B
1	1					1							1				145C
			1					1									145D
7	14	1	7		5	3	5	2	1		3	1	2	2	3	2	146
1	5						2		1				1	1	1		147
11	2		1			3		1		2	1	1	1	1	1	3	148
1										1							149
28	11	1	1		5	4	2	4	3	3	5	3	4	2	2	4	
18	8	1			3	4	1	3	3	3	2		3	1	2	2	
10	3		1		2		1	1			3	3	1	1		2	
2	1									1	1					1	151
5	1							1				2	1			2	
8	1				2			1			1		1	1			152
5	6	1			1	4	1	2	2	1			2		1	1	153
5	1		1		2		1				2	1		1			
3									1	1							154
	1										1						
23	7	1			2	4	4	2	2	2	1	2	5	3	3	1	
13	4	1			1	3	2	1	1	2	1	1	3	1	2		
10	3				1	1	2	1	1			1	2	2	1	1	
10	2	1			1	3	1	1	1	1		1	2	1	1		155
7	3				1		2	1	1				2	2		1	

TABLE 35—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed		
			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	
166. Suicide by corrosive substances.....	M	6		1	1						2	2				
	F	4		1	1						2					
167. Suicide by poisonous gas.....	M	7			1	2	3									
	F	1		1												
168. Suicide by hanging or strangulation.....	M	9	1	1	1						5	1				
	F	1										1				
169. Suicide by drowning.....	M	3		1		1						1				
	F	1									1					
170. Suicide by firearms.....	M	6		1							1	2	1		1	
171. Suicide by cutting or piercing instruments.....	M	4			4											
172. Suicide by jumping from high places.....	M	3			2						1					
	F	3									1	1	1			
174. Other suicides.....	F	1										1				
175. Poisoning by food.....	F	1										1				
177. Other acute accidental poisonings (gas excepted).....	M	3	1								1	1				
	F	1	1													
179. Accidental burns and scalds (conflagration excepted).....	M	9	5	1			1				2					
	F	12	8									1	1			2
180. Accidental mechanical suffocation.....	M	5	3		1											1
	F	2	2													
180A. Overlaying.....	M	2	2													
	F	1	1													
180B. Asphyxia.....	M	3	1		1											1
	F	1	1													
181. Accidental absorption of irrespirable or poisonous gas.....	M	9			2	1	2					3				1
	F	8	1			1	1				1	1	1			2
182. Accidental drowning.....	M	10	4	1	1	1						2	1			
	F	1		1												
183. Accidental traumatism by firearms (wounds of war excepted).....	M	2		1	1											
185. Accidental traumatism by fall.....	M	33	2		4	7	1				5	3	7			4
	F	32	2	1		2	3					4	4			16
187. Accidental traumatism by machines.....	M	8	1	2							3	1	1			
	F	1		1												
188. Accidental traumatism by other crushing (vehicles, railways, landslides, etc.).....	M	59	13	7	7	1	1			2	8	7	5			8
	F	21	4	1		1	2				2	5	2			4
188A. Railroad accidents.....	M	9	1	1		1					3	3				
	F	2										1	1			
188B. Street car accidents.....	M	10	1		1							1	3			4
	F	4									1	1				2
188C. Automobile accidents.....	M	32	10	4	4		1			2	3	2	2			4
	F	13	3	1		1	2				1	3	1			1
188E. Injuries by other vehicles.....	M	2	1									1				
	F	1	1													1
188F. Other crushing.....	M	6		2	2						2					
189. Injuries by animals (poisoning excepted).....	M	1			1											
196. Other accidental electric shocks.....	M	4		1		1				1	1					
197. Homicide by firearms.....	M	2	1									1				
	F	5	3	1								1				
199. Homicide by other means.....	M	2	1									1				
	F	2	2													
201. Fracture (cause not specified).....	M	2														
	F	19					3						1			13
202. Other external violence (cause specified).....	M	6	3								3					

NATIVITY, AND MONTH OF DEATH—TORONTO, 1926.—Continued

Canada	NATIVITY			MONTHS													
	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
2	2		2				1			1		1		1	1	1	166
2	1				1		1					1					167
4	2			1				1		1	1			1	2		168
	1				1												169
4	4		1		2				1	3		2					170
1								1									171
2				2	1	1								2			172
1	1		1		1		1			1	1			1			174
			1											1			175
1															1		177
2	1				1					1		1					179
7	2					1	1		1			2	1		1	2	179
10	2				1	1	1	2	2	1	1		1		1	1	180
3	2				1		3				1						180
2					1		1										180A
1							1										180B
1	2				1		2				1						180B
2	3	1	2	1	2	2				1	1				1	1	181
5	2			1	1	1	1	2	1	1					1		182
7	2			1		1	1	1	2		3	1	1				182
	1										1						183
1			1							1				1			183
17	12	2	1	1		5	4	1	2	2	5	1	3	1	4	5	185
20	10		2		5	4	1	2	2	2	3	3	4	2	2	2	185
5	3				1			1		1			2	2	1		187
1												1					187
33	21	1	4		4	2	8	4	4	6	4	5	8	5	5	4	188
15	5		1		3	1			1	4	7		2	2		1	188
4	5				1		1			2	1			2	1	1	188A
	2				1					1							188A
3	5	1	1		1		2		1				3			2	188B
3	1					1					1		1	1			188B
21	9		2		2	2	2	4	3	4	2	4	3	3	2	1	188C
10	2		1		2				1	3	6		1				188C
2													1		1		188E
2														1		1	188E
3	2		1				3					1	1		1		188F
	1													1			189
2	1		1		2			1				1					196
1			1						1			1					197
5											4	1					197
2							1	1									199
2						1			1								199
	2				1											1	201
9	8	1	1		2	1	2	4	1	1	1	1			3	3	201
4	1		1							1		2	1				202

TABLE 35—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Under 15	Single				Married					Wid-owed	Not stat-ed		
				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	
CLASS XV.—ILL-DEFINED DISEASES.																
Total		11					1					2	3	.....	4	1
	M	8										1	2	.....	4	1
	F	3					1					1	1	.....	
204. Sudden death.....	F	1											1	.....	
205. Cause of death not speci- fied or ill-defined.....	M	8										1	2	.....	4	1
	F	2										1		.....	
205B. Not specified or unknown	M	1												.....		1
205C. Heart failure.....	M	6										1	2	.....	3	
	F	2										1		.....	
205D. Syncope.....	M	1												.....	1	

TABLE 36—CAUSES OF DEATH FOR EACH SIX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Under 15	Single					Married					Widowed	Not stated
				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 II.—GENERAL DISEASES NOT INCLUDED IN CLASS I.															
Total		220	6	8	9	10	6	1	20	66	35	59			
43-49. Cancer. Total	M	51		2	1	2	1		2	17	14		12		
	F	81	1	1	2	6	3		11	23	9		25		
43. Cancer of the buccal cavity	F	2											2		
44. Cancer of the stomach and liver	M	27		1	1		1		1	8	7		8		
	F	27				2	3		2	6	2		12		
45. Cancer of the peritoneum, intestines and rectum	M	12		1		1			1	6	3				
	F	11			1	1				3	2		4		
46. Cancer of the female genital organs	F	17			1	1			7	5	2		1		
47. Cancer of the breast	F	12				1			1	5	2		3		
48. Cancer of the skin	M	1								1					
49. Cancer of other or unspecified organs	M	11				1				2	4		4		
	F	12	1	1		1			1	4	1		3		
50. Benign tumours and tumour not returned as malignant (tumours of female genital organs excepted)	M	6	1		1					1	2		1		
	F	1								1					
51. Acute rheumatic fever	M	4	1	1	1					1					
	F	3		2					1						
52. Chronic rheumatism, osteo arthritis, gout	M	1											1		
57. Diabetes mellitus	M	6								3	2		1		
	F	12						1		3	2		6		
58. Anaemia, chlorosis	M	9	1		1		1			3	3				
	F	10					1			4	1		4		
58A. Pernicious anaemia	M	8			1		1		3	3	3		3		
	F	10					1		3	4	1		4		
58B. Other anaemias and chlorosis	M	1	1												
59. Diseases of the pituitary gland	M	1			1										
60. Diseases of the thyroid gland	M	2								1			1		
	F	27		2	2	2			3	6	2		5		
60A. Exophthalmic goitre	F	13		2	1	1			3	3	1		2		
60B. Other diseases of the thyroid gland	M	2								1			1		
	F	6			1	1				3	1		3		
61. Diseases of the parathyroid glands	M	1	1												
62. Diseases of the thymus	F	1	1												
65. Leukaemia, lymphadenoma	M	2							1	1					
	F	1								1					
65A. Leukaemia	M	2							1	1					
65B. (Hodgkin's disease)	F	1								1					
56. Alcoholism	M	4							1	1			2		
66B. Acute alcoholism	M	3							1				2		
66C. Chronic alcoholism	M	1								1					
69. Other general diseases	F	2							1				1		
69D. Others under this title	F	2							1				1		

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed		
			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	
88. Endocarditis and myocard- itis (acute).....	M	5	2		1					1	1					
	F	5	2	1	1						1	1				
88A. Acute endocarditis.....	M	3	2		1											
	F	4	1	1	1						1					
88B. Acute myocarditis.....	M	2								1	1					
	F	1	1													
89. Angina pectoris.....	M	9					1					6			1	
	F	4									1	1			2	
90. Other diseases of the heart.	M	70				2	9			1	18	25			15	
	F	80	1	3	2	3	5			4	11	16			34	
90A. Valvular disease.....	M	18				1	3				6	6			2	
	F	21		2		3	1			1	2	4			8	
90D. Chronic endocarditis.....	M	5									2	2			1	
	F	11	1	1			1				3	2			3	
90E. Chronic myocarditis.....	M	38				1	4			1	7	15			10	
	F	38			2		4			1	6	8			17	
90F. Others under this title.....	M	9					2				3	2			2	
	F	10								2		2			6	
91. Diseases of the arteries.....	M	53				1	1			1	11	22			17	
	F	47				1	2				8	9			27	
91A. Aneurysm.....	M	1													1	
91B. Arteriosclerosis.....	M	32				1	1			1	11	22			16	
	F	46				1	2				8	9			26	
91C. Other diseases of the arteries.....	F	1													1	
92. Embolism and thrombosis (not cerebral).....	M	2										1			1	
	F	1													1	
94. Diseases of the lymphatic system (lymphangitis, etc.).....	M	1	1													
96. Other diseases of circulatory system.....	F	1													1	
CLASS V.—DISEASES OF THE RESPIRATORY SYSTEM.																
<i>Total</i>		168	60	7	5	4	2			1	12	24	15	1	37	
	M	83	31	4	5	4				5	17	10			7	
	F	85	29	3			2			1	7	7	5	1	30	
97. Diseases of the nasal fossae and their annexa.....	M	1									1					
99. Bronchitis.....	M	5	2									2	1			
	F	2													2	
99B. Bronchitis, chronic.....	M	3	1									2				
	F	2													2	
99C. Bronchitis, not otherwise defined, under 5 years of age.....	M	1	1													
99D. Bronchitis, not otherwise defined, 5 years or over	M	1										1				
100. Broncho-pneumonia (in- cluding capillary bron- chitis).....	M	22	14	1								2	3		2	
	F	37	21	1			2			1	1	1			10	
100A. Broncho-pneumonia.....	M	22	14	1								2	3		2	
	F	36	21	1			2			1	1	1			9	
100B. Capillary bronchitis.....	F	1													1	
101. Pneumonia.....	M	46	14	2	4	2				4	12	5			3	
	F	42	7	2						1	6	5	4	1	16	
101A. Pneumonia, lobar.....	M	31	5	2	4	1				4	4	10	2		3	
	F	23	2	2							2	4			9	

NATIVITY, AND MONTH OF DEATH—HAMILTON, 1926.—Continued

NATIVITY					MONTHS											
Can-ada	Brit-ish	Foreign		Not stat-ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
4	1						2				1	1			1	88
4	1						1		1			1		1	1	88a
3	1										1	1			1	88B
3	1						1		1			1			1	
1	1						2								1	
5	3		1		1		2	1	1	1		1			1	89
4									1		2					
32	31	1	5	1	9	3	10	5	8	8	6	5	2	6	5	3
44	30	3	2	1	8	5	12	8	9	5	4	5	2	7	7	8
10	5	1	1	1	4	1	3	1	1	2	2	2		1	1	90A
10	11				3	3	1	1	7	2	1	1	1	1	1	
2	2		1		1	2	1	2								90D
7	3		1		1	1	2	2				1			1	2
17	18		3		4	2	5	3	5	4	2	2	1	3	4	90E
21	13	2	1	1	4	1	6	3	2	3	3	3	1	4	3	5
3	6								2	2	2		1	2		90D
6	3	1			3		1	2						1	2	1
28	20	3	2		7	6	6	5	3	6	2	3	2	3	5	91
23	18	5	1		3	4	6	2	3	6	3	2	2	9	1	6
1												1				91A
27	20	3	2		7	6	6	5	3	6	2	2	2	3	5	5
22	18	5	1		2	4	6	2	3	6	3	2	2	9	1	6
1					1											91C
	2							1	1							92
1												1				
1								1								94
1					1											
110	45	5	6	2	9	13	21	33	14	24	7	3	7	14	13	10
54	23	1	5		3	9	10	15	9	12	4	3	2	8	4	4
56	22	4	1	2	6	4	11	18	5	12	3		5	6	9	6
	1										1					97
4	1				1		1			2				1		99
1	1									1					1	
3										2				1		99B
1	1									1					1	
1					1											99C
	1						1									99D
17	3		2		3	4	5	1	4	1	2					2
28	8	1			2	1	6	11	2	5	1		4		4	1
17	3		2		3	3	4	5	1	4	1	2				2
27	8	1			1	1	4	11	2	5	1		4		4	1
1					1											100B
28	14	1	3		2	5	4	8	8	6	1	1	1	5	3	2
25	11	3	1	2	4	3	5	7	2	6	2		1	5	4	3
16	11	1	3		2	3	2	4	7	3	1		1	4	3	1
14	9					3	3	4	2	1			1	4	2	3

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed			
			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		
101B. Pneumonia, not other- wise defined.....	M	15	9			1						2	3				
	F	19	5								1	2	3		1		7
102. Pleurisy.....	M	6	1	1		2							1				1
	F	1															1
103. Congestion and haemorr- hagic infarct of the lung.....	M	1											1				
	F	1															1
105. Asthma.....	M	1															
106. Pulmonary emphysema...	M	1		1													
	F	1									1						
107. Other diseases of the respiratory system (tuberculosis excepted)	M	1															1
	F	1	1														
107B. Diseases of the medias- tinum.....	F	1	1														
107C. Others under this title...	M	1															1
CLASS VI.—DISEASES OF THE DIGESTIVE SYSTEM.																	
Total		112	37	6	2	3	3				11	23	11				16
	M	62	23	4	1	1	2				6	12	8				5
	F	50	14	2	1	2	1				5	11	3				11
108. Diseases of the mouth and annexa.....	M	1										1					
	F	1				1											
109. Diseases of the pharynx and tonsils (including adenoid vegetations)..	M	4	2			1							1				
	F	3	1								2						
109B. Pharynx and tonsils....	M	4	2			1							1				
	F	3	1								2						
111. Ulcer of the stomach and duodenum.....	M	6		1								4	1				
	F	2															
111A. Ulcer of the stomach....	M	3										3					
	F	1										1					
111B. Ulcer of the duodenum..	M	3		1								1	1				
	F	3										1					
112. Other diseases of the stomach (cancer ex- cepted).....	M	4									1	2	1				
	F	3	1	1			1										
113. Diarrhoea and enteritis (under 2 years of age)..	M	12	12														
	F	6	6														
114. Diarrhoea and enteritis (2 years or over).....	M	2	1									1					
	F	4	3								1						
117. Appendicitis and typhlitis	M	12	3	3	1						3	1					1
	F	4										1					2
118. Hernia intestinal obstruc- tion.....	M	10	3				1					1	3				2
	F	12	1	1		1						3					6
118A. Hernia.....	M	4					1					1	1				1
	F	4										2					2
118B. Intestinal obstruction...	M	6	3										2				1
	F	8	1	1		1						1					4
119. Other diseases of the intes- tines.....	M	3										1	1				1
	F	4	1								1	1					1
122. Cirrhosis of the liver.....	M	2					1				1						1
	F	3											2				1
122B. Not specified as alcoholic	M	2					1				1						1
	F	3											2				1
123. Biliary calculi.....	F	2										1					1
124. Other diseases of the liver	M	3										1	1				1
	F	4										3	1				
126. Peritonitis without speci- fied cause.....	M	3	2								1						
	F	2	1								1						

NATIVITY, AND MONTH OF DEATH—HAMILTON, 1926.—Continued

NATIVITY					MONTHS												
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
12	3					2	2	4	1	3		1		1		1	101B
11	2	3	1	2	4		2	3		5	2			1	2		102
4	2					1	1	1					1	1	1		1
	1																
	1							1									103
	1																1
1														1			105
1									1								106
	1											1					107
1														1			107B
	1										1						107C
68	38	2	4		9	10	10	7	10	9	7	14	9	10	5	12	
40	19	1	2		5	7	6	7	5	2	4	9	3	7	2	5	
28	19	1	2		4	3	4		5	7	3	5	6	3	3	7	
		1										1					108
1															1		
4								1				1	1				1
	1	1	1							1		1					1
4	1	1	1							1		1	1				109B
																	1
1	5					1			2			2					1
	2					1				1							1
1	2											2					1
	1					1											1
	3					1			2								1
	1									1							1
3	1						1	2	1								1
3					1						1		1				1
12					1							2	2	1	4	1	1
6					1								1	1		3	1
						1											
	2						1										1
3	1									1		1	1				1
8	3		1		3	2	3		1	1				1	1		1
3	1						1		1					1	1		1
6	3		1		1	2	1	2				2	1	1			1
3	8		1		1	1		2	1	3	1	1	2		1	1	1
2	2				1	1						1		1			1
	3		1		1	1				1			1				1
4	1		1		1	1	1	2				1	1	1			1
3	5				1	1			1	2	1	1	1		1		1
											2						1
1	2										1						1
1	3					1				1			1				1
1	1					1	1										1
2	1				1	1	1				1						1
1	1					1	1										1
2	1				1	1	1				1						1
1	1					1	1										1
2	1				1	1	1				1						1
2	2								1								1
2	1							1		1		1					1
4							1		1			2					1
2	1							1	1								1
2									1	1							1

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed		
			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	
CLASS VII.—NON-VENEREAL DISEASES OF THE URINARY SYSTEM AND ANNEXA.																
Total		113	4	2	3	4	7	1	.....	6	23	33	.....	30	.....
	M	73	2	1	2	3	2	1	.....	.....	16	28	.....	18	.....
	F	40	2	1	1	1	5	.....	.....	6	7	5	.....	12	.....
128. Acute nephritis (including unspecified, under 10 years of age).....	M	4	1	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....
	F	4	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....
129. Chronic nephritis (Bright's Disease).....	M	36	1	.....	1	.....	1	.....	.....	.....	10	14	.....	9	.....
	F	27	.....	1	1	.....	4	.....	.....	3	4	4	.....	9	.....
131. Other diseases of the kidneys and annexa.....	M	4	.....	1	1	.....	.....	1	.....	.....	.....	.....	.....	1	.....
	F	4	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....
132. Calculi of the urinary passages.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
133. Diseases of the bladder....	M	3	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....
134. Diseases of the urethra, urinary abscess, etc....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
134B. Other diseases of the urethra.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
135. Diseases of the prostate....	M	24	.....	.....	.....	1	1	.....	.....	.....	3	12	.....	7	.....
139. Benign tumours of the uterus.....	F	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....
141. Other diseases of the female genital organs....	F	2	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
CLASS VIII.—THE PUERPERAL STATE.																
Total	F	19	.....	.....	.....	.....	.....	.....	.....	3	15	1	.....	.....	.....
143. Accidents of pregnancy....	F	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
143B. Ectopic gestation.....	F	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
144. Puerperal haemorrhage....	F	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
145. Other accidents of labour....	F	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
145c. Other surgical operations and instrumental delivery.....	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
146. Puerperal septicaemia....	F	7	.....	.....	.....	.....	.....	.....	.....	1	6	.....	.....	.....	.....
147. Puerperal phlegmasia alba dolens, puerperal embolism, sudden death in puerperium.....	F	3	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....
148. Puerperal albuminuria and convulsions.....	F	3	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....
149. Following childbirth (not otherwise defined)....	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
CLASS IX.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.																
Total		7	.....	.....	2	1	.....	.....	.....	.....	1	.....	.....	3	.....
	M	4	.....	.....	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
151. Gangrene.....	M	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
152. Furuncle.....	M	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
153. Acute abscess.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
154. Other diseases of the skin and annexa.....	M	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....

NATIVITY, AND MONTH OF DEATH—HAMILTON, 1926.—Continued

Canada	NATIVITY				MONTHS											
	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
56	44	2	11	.....	8	4	13	11	8	6	8	3	12	12	20	8
34	32	2	5	.....	5	3	6	7	4	5	3	2	9	9	14	6
22	12	.....	6	.....	3	1	7	4	4	1	5	1	3	3	6	2
2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	2	128
3	.....	.....	1	.....	.....	.....	1	1	.....	.....	2	.....	.....	.....	.....	.....
16	17	2	1	.....	2	3	3	3	1	4	2	.....	4	5	5	4
13	10	.....	4	.....	3	1	4	3	4	1	1	.....	2	2	4	2
2	1	.....	1	.....	1	.....	.....	1	1	.....	.....	.....	1	.....	.....	131
4	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1	1	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	132
3	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	1	.....	133
.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	134
11	10	.....	3	.....	2	.....	2	2	1	1	.....	2	3	2	7	2
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	134B
1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1	139
1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	141
.....
10	8	.....	1	.....	.....	3*	6	1	1	1	1	1	1	.....	2	2
1	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	143
1	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	143B
2	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	144
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	145
.....
4	3	.....	1	.....	.....	.....	2	.....	1	1	.....	.....	1	.....	.....	145C
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1
.....
1	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	147
2	1	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	148
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	149
.....
3	4	.....	.....	.....	.....	.....	.....	1	1	.....	1	1	1	2	.....	.....
1	3	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	1	.....	.....	.....
2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....
.....
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	151
1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	152
.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	153
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	154
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Under 15	Single					Married					Wid-owed	Not stated	
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated			
166. Suicide by corrosive substances.....	M	2										2				
	F	1										1				
168. Suicide by hanging or strangulation.....	M	2												1	1	
169. Suicide by drowning.....	F	1										1				
171. Suicide by cutting or piercing instruments.....	F	1										1				
174. Other suicides.....	M	1										1				
177. Other acute accidental poisonings (gas excepted).....	M	1										1				
	F	2														
179. Accidental burns and scalds (conflagration excepted).....	M	3	3													
	F	6	2		1			1	1							
180. Accidental mechanical suffocation.....	M	1	1													
180B. Asphyxia.....	M	1	1													
181. Accidental absorption of irrespirable or poisonous gas.....	F	3									1	2				
182. Accidental drowning.....	M	2	1	1												
185. Accidental traumatism by fall.....	M	3			1						1		1			
	F	4										1			2	
187. Accidental traumatism by machines.....	M	2				1				1						
188. Accidental traumatism by other crushing (vehicles, railways, landslides, etc.).....	M	19	4	1	1						2	6	4		1	
	F	8	4	1							1	2				
188A. Railroad accidents.....	M	4	1		1							2				
188C. Automobile accidents.....	M	13	3	1							1	3	4		1	
	F	7	3	1							1	2				
188E. Injuries by other vehicles.....	M	2									1	1				
188F. Other crushing.....	F	1	1													
194. Excessive heat.....	M	1										1				
	F	1													1	
197. Homicide by firearms.....	M	1										1				
199. Homicide by other means.....	M	2	1									1				
	F	1										1				
201. Fracture (cause not specified).....	M	4											1		3	
	F	5													4	
202. Other external violence (cause specified).....	F	1	1													
CLASS XV.—ILL-DEFINED DISEASES.																
Total		10	1									4	2		3	
	M	6	1									3	1		1	
	F	4										1	1		2	
204. Sudden death.....	F	1											1			
205. Cause of death not specified or ill-defined.....	M	6	1									3	1		1	
	F	3										1			2	
205A. Ill-defined.....	M	1													1	
205B. Not specified or unknown.....	M	2	1									1				
205C. Heart failure.....	M	3										2	1			
	F	3										1			2	

NATIVITY, AND MONTH OF DEATH—HAMILTON, 1926.—Continued

NATIVITY					MONTHS											
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	
		USA	Other													
1			1											1	1	166
1								1								
1			1										1		1	168
1								1								169
1									1						1	171
1																174
			1								1					177
2				1									1			
3				1					1				1			179
3	2		1	2	1				1			2				
1				1												180
1				1												180B
	3											2		1	1	181
2																182
1		1	1							1					1	185
3	1						1						2		1	
1	1				1						1					187
11	8				1	1	2			3	2	2	2	2	1	188
7	1				1	1	1			1	1		2	1		1
3	1						1			1	1				1	188A
8	5				1	1	1			2		1	2	2	1	188C
6	1				1	1	1			1	1		1	1		1
	2									1	1					188E
1													1			188F
	1										1					194
1	1				1											197
1	1											2				199
1	1									1						
2	2				1	1		1			1					201
4	1					2							1	1		1
1								1								
4	6					1		1	3		1	1	1	1	1	
2	4					1		1	1		1	1			1	
2	2								2				1	1		
	1								1							204
2	4					1		1	1		1	1			1	205
2	1								1				1	1		205A
	1								1							205B
1	1					1					1				1	205C
1	2							1				1				
2	1								1				1	1		

NATIVITY, AND MONTH OF DEATH—OTTAWA, 1926.—Continued

NATIVITY					MONTHS											
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
169	30	7	7	.....	14	17	21	20	21	8	23	15	21	14	20	19
73	15	4	5	.....	8	8	10	9	13	4	11	5	11	6	7	5
96	15	3	2	.....	6	9	11	11	8	4	12	10	10	8	13	14
47	11	1	4	.....	6	5	6	3	10	3	7	2	8	6	4	3
60	11	2	2	.....	5	5	4	7	7	2	5	8	8	8	9	7
3	2	1		.....		1	2	.....	1				2			43
1				.....				.....							1	
22	5		3	.....	4	2	1	2	6	3	4	1	2	2	1	2
12	4		2	.....	2		2		3	1		1	1	3	2	3
7	1			.....		1		.....	1		1		2	2	1	45
15	3	1		.....		2	1	3	3		2	3	2		2	1
9	2			.....		2		1			1		3	3	1	46
1				.....	1			.....								47
14	1			.....	2		1	2			1	3	1	1	3	1
2			1	.....	1			.....							1	48
2				.....				.....		1		1				
12	3			.....		1	2	1	2			2	2	2	1	1
7	1	1		.....	1	1		1	1		1	1	1	1		2
3				.....				1				1	1			50
2				.....	1			.....		1						51
1				.....			1	.....							
3				.....				1				1				1
3				.....	1			1					1			52
2				.....		2		.....								56
0	3		1	.....		1	2	.....			1	1			2	57
8	2	1		.....			1	2	1		3	1			2	1
3	1			.....		2		1	1							58
10				.....	1			1			2		2		1	3
2	1			.....	1			1	1							58A
9				.....	1			1			2		2		1	2
1				.....		1		.....								58B
1				.....				.....								1
1				.....			1	.....								59
1				.....				.....							1	60
8	2			.....	1		3	.....		2	2					2
7	2			.....	1		3	.....		2	2					1
1				.....				.....							1	60B
1				.....				.....								1
3		2		.....				.....	2		2		1			62
1				.....				.....						1		
2				.....		1	1	.....								63
2		1		.....				1								65
1		1		.....			1	1								65A
1				.....				.....								1
2				.....				.....			1	1				65B
1				.....				.....				1				66
1				.....				.....				1				66A
1				.....				.....			1					66C
1				.....			1	.....								69
1				.....			1	.....								69B
74	16	5	6	1	7	9	11	12	7	7	9	5	8	8	10	9
28	9	2	4	1	2	3	6	5	2	4	3	1	7	3	4	4
46	7	3	2	.....	5	6	5	7	5	3	6	4	1	5	6	5
2		1		.....		1	1	.....		1						70
1				.....				.....					1			

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Under 15	Single					Married					Wid-owed	Not stated	
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated			
70A. Abscess of brain	F	1	1													
70B. Encephalitis	M	3	1										2			
71. Meningitis	M	3											1			
	F	5	5		2											
71A. Simple meningitis	M	2			2											
	F	5	5													
71B. Non-epidemic, cerebro-spinal meningitis	M	1										1				
72. Tabes dorsalis (locomotor ataxia)	M	1											1			
73. Other diseases of the spinal cord	M	3				1								2		
	F	2		1			1									
74. Cerebral haemorrhage, apoplexy	M	20			1	1	1				3	3	7		4	
	F	30				3					2	4	3		18	
74A. Apoplexy	M	11				1					2	2	3		3	
	F	10				2					1	2			5	
74B. Cerebral haemorrhage	M	9			1		1				1	1	4		1	
	F	18									1	1	3		13	
74C. Cerebral thrombosis and embolism	F	2				1							1			
75. Paralysis without specified cause	M	5											2		3	
	F	13				1							3		9	
75A. Hemiplegia	M	3											1		2	
	F	7				1							2		4	
75B. Others under this title	M	2											1		1	
	F	6											1		5	
76. General paralysis of the insane	M	1											1			
78. Epilepsy	M	2			1										1	
	F	2				1					1					
80. Infantile convulsions (under 5 years of age)	M	2	2													
	F	2	2													
81. Chorea	M	1				1										
83. Softening of the brain	F	1													1	
84. Other diseases of the nervous system	M	1											1			
	F	1					1									
86. Diseases of the ear and of the mastoid process	M	2	1											1		
	F	1	1													
86A. Diseases of the ear	M	1	1													
86B. Diseases of the mastoid process	M	1												1		
	F	1	1													
CLASS IV.—DISEASES OF THE CIRCULATORY SYSTEM.																
Total			304	4	3	3	9	22			9	57	72		125	
	M	150	2	3	3	5	9			4	36	49		39		
	F	154	2			4	13			5	21	23		86		
88. Endocarditis and myocarditis (acute)	M	3	1								1				1	
	F	5	1								2				2	
88A. Acute endocarditis	M	1													1	
	F	4	1								1				2	
88B. Acute myocarditis	M	2	1								1					
	F	1									1					
89. Angina pectoris	M	20				2					1	3	9		5	
	F	9					2					1	1		3	
90. Other diseases of the heart	M	80	1	3	3	2	4				2	26	21		18	
	F	91	1			2	5				2	11	17		53	
90A. Valvular disease	M	6			1							1	4			
	F	4									1		1		2	
90B. Fatty degeneration of the heart	M	1										1				
90D. Chronic endocarditis	M	22		2		1	2				1	8	4		4	
	F	16				1	1					2	5		7	
90E. Chronic myocarditis	M	35	1		1	1						10	11		11	
	F	67				1	4				1	8	9		44	
90F. Others under this title	M	16		1	1		2				1	6	2		3	
	F	4	1									1	2			
91. Diseases of the arteries	M	47				1	5					7	19		15	
	F	47					6				1	8	5		27	

NATIVITY, AND MONTH OF DEATH—OTTAWA, 1926.—Continued

NATIVITY				MONTHS													
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
1														1			70A
2		1				1	1			1							70B
			3					1				1	1				71
5						1		1				1				2	71A
5			2			1		1				1				2	71A
			1											1			71B
1						1											72
2	1									1						1	73
2					1				1								
12	6	1	1		1	1	3		1	1		3		4	2	2	74
21	6	2	1		3	4	3		2	3		2	2		4	2	5
8	2		1		1		2					2		2	1	2	74A
9		1					1			2		2			2		2
4	4	1				1	1			1	1			2	1	1	74B
11	5	1	1		1	4	2	1	1				2		2	2	3
1	1				1			1									74C
3	1			1	1			1						2		1	75
11	1		1				2	3	1	3	2	1				1	75A
2	1				1									2			
5	1		1				2	3	1	1							75B
1				1												1	
6										2	2	1					
1										1							76
2								1								1	78
2											1	1					
2						1		1									80
2					1	1											
	1						1									1	81
1																	83
1								1									84
		1															
2								1		1							86
1									1						1		86A
1																	
1										1							86B
1															1		
211	67	7	17	2	31	27	24	21	33	26	25	15	25	25	28	24	
106	28	4	11	1	13	15	8	14	19	12	9	6	13	12	15	14	
105	39	3	6	1	18	12	16	7	14	14	16	9	12	13	13	10	
2					1				1				1				88
2	1		2		1				1	1						1	
1									1								88A
2	1		1		1					1						1	
1			1		1								1				88B
								1									
18	1	1			3	3		1	2	2		1	2	3	3		89
7	2				3						2	2	2	1	1		
54	16	2	8		5	7	6	8	11	7	6	4	3	6	7		90
66	21	1	2	1	7	9	10	6	12	4	7	6	7	6	9	8	
5		1					1		1	1	1				2		90A
3	1								1	1	1	1					
1										1							90B
18	3		1		3	2	1	2	2	2	1	1	1	4	1		90D
14	2				4	1	1	1	2		2	2			2	1	
20	8		7		2	5	1	4	6	3	3	1	1		2		90E
46	17	1	2	1	3	7	9	4	9	3	4	3	7	5	7		6
10	5	1					3	2	2		1	2	1	2	2		90D
3	1						1	1						1	1		1
32	11	1	2	1	4	5	2	5	5	3	3		8	3	5		91
29	14	2	2		7	3	5		1	9	6	3	3	6	2		2

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed	
			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
91A. Aneurysm.....	M	3			1	1							1		
91B. Arteriosclerosis.....	M	44				4						7	18		15
	F	47				6				1	8		5		27
93. Diseases of the veins (varices, hæmorrhoids, phlebitis, etc.).....	F	1													1
94. Diseases of the lymphatic system (lymphangitis, etc.).....	F	1										1			
CLASS V.—DISEASES OF THE RESPIRATORY SYSTEM.															
Total		125	46	5	1	4	11			8	10	12			28
	M	64	23	5	1	1	4			3	6	9			12
	F	61	23			3	7			5	4	3			16
98. Diseases of the larynx.....	M	2	1	1											
98D. Other diseases of the larynx	M	2	1	1											
99 Bronchitis.....	M	3				1						1			1
	F	2										1			1
99A. Bronchitis, acute.....	M	1										1			
99B. Bronchitis, chronic.....	F	2										1			1
99D. Bronchitis, not otherwise defined, 5 years or over	M	2				1									1
100. Broncho-pneumonia (including capillary bronchitis).....	M	23	18	1			2					1			1
	F	19	14			1	2								2
100A. Broncho-pneumonia.....	M	23	18	1			2					1			1
	F	19	14			1	2								2
101. Pneumonia.....	M	26	3	1	1	1	1			2	6	5			6
	F	35	8			1	5			5	4	2			10
101A. Pneumonia, lobar.....	M	17	2	1	1	1				2	3	4			3
	F	19	2				2			3	4	1			7
101B. Pneumonia, not otherwise defined.....	M	9	1				1				3	1			3
	F	16	6			1	3			2		1			3
102. Pleurisy.....	M	2	1	1											
	F	2	1			1									
103. Congestion and hæmorrhagic infarct of the lung.....	M	4										1			3
	F	1													1
105. Asthma.....	M	2								1					1
	F	2													1
107. Other diseases of the respiratory system (tuberculosis excepted)	M	2		1								1			
	F	1													1
107C. Others under this title...	M	2													
	F	1		1								1			
	M	1													1
CLASS VI.—DISEASES OF THE DIGESTIVE SYSTEM.															
Total		214	125	4	5	3	2			15	24	18			18
	M	112	64	3	4	1	1			9	16	10			4
	F	102	61	1	1	2	1			6	8	8			14
108. Diseases of the mouth and annexa.....	M	1										1			
	F	1										1			
109. Diseases of the pharynx and tonsils (including adenoid vegetations)...	M	1								1					
109B. Pharynx and tonsils.....	M	1								1					
111. Ulcer of the stomach and duodenum.....	M	5		1		1					1	2			
	F	4			1						1	2			1
111A. Ulcer of the stomach....	M	3				1						1			
	F	2				1						1			
111B. Ulcer of the duodenum...	M	2		1								1			
	F	2										1			1

NATIVITY, AND MONTH OF DEATH—OTTAWA, 1926.—Continued

NATIVITY					MONTHS													
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
		USA	Other															
2		1						1									1	91A
30	11	2	2	1	4	5	2	4	5	3	3		8	3	4	3	3	91B
29	14	2	2		7	3	5		1	9	6	3	3	6	2	2	2	
1							1											93
	1										1							94
100	15	4	5	1	15	13	17	8	15	9	6	6	5	7	10	14		
48	7	3	5	1	11	6	5	6	8	6	3	4		2	6	7		
52	8	1			4	7	12	2	7	3	3	2	5	5	4	7		
2					1					1								98
2					1					1								98D
3							1	2										99
1	1								1							1		99A
1	1						1									1		99B
2								2										99D
21	2				4	1	3	2	4	3	2	1		1			2	100
18	1				1		5	2	2	2	1	2		2		1	3	
21	2				4	1	3	2	4	3	2	1		1			2	100A
18	1						5		2	2	1	2		2			1	3
16	2	3	4	1	6	3	1	1	3	2	2	1		1	1	4	4	101
28	6	1			4	5	6	2	4	1	2		5	1	2	3		
9	2	3	2	1	3		1	1	2	2		1		1	2	4		101A
16	3				2	1	5	1	3		1		3		2	1		
7			2		3	3			1							2		101B
12	3	1			2	4	1	1	1	1	1		2	1		2		
2															2			102
2														1				1
1	3								1		1	1					1	103
1							1											
1			1					1				1						105
1					1													
2						2												107
1														1				
2						2												107c
1														1				
199	5	5	5		18	22	13	7	14	21	16	41	30	13	10	9		
102	3	3	4		14	14	5	5	9	9	7	21	13	7	2	6		
97	2	2	1		4	8	8	2	5	12	9	20	17	6	8	3		
1					1													108
1													1					
1																		109
1																		109B
3		1	1						2				1	1				111
4					2						1		1					
1		1	1						1					1				111A
2					2													
2									1				1					111B
2											1		1					

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed		
			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	
112. Other diseases of the stomach (cancer excepted).....	M	7	3									2	1		1	
	F	10	1				1				1		1		6	
113. Diarrhoea and enteritis (under 2 years of age).....	M	49	49													
	F	51	51													
114. Diarrhoea and enteritis (2 years or over).....	M	6	2								1	2			1	
	F	19	3												1	
117. Appendicitis and typhlitis.....	M	7	7	3							5	1	1		2	
	F	10	4		1						4		1			
118. Hernia, intestinal obstruction.....	M	11	3		2						1	3	2			
	F	8	2										2		2	
118A. Hernia.....	M	6			1						1	2	2			
	F	2											2			
118B. Intestinal obstruction.....	M	5	3		1							1				
	F	6	2									2			2	
119. Other diseases of the intestines.....	F	1										1				
122. Cirrhosis of the liver.....	M	4										3	1			
	F	1													1	
122B. Not specified as alcoholic.....	M	1										3	1			
	F	1													1	
123. Biliary calculi.....	M	3			1								2			
	F	4										3	1			
124. Other diseases of the liver.....	M	6				1					1	3	1			
	F	8		1		1					1	1	1		3	
CLASS VII.—NON-VENEREAL DISEASES OF THE URINARY SYSTEM AND ANNEXA.																
Total		121	4	2	3	5	7		1	8	31	24			36	
	M	64	2	1		2	2			1	17	19			20	
	F	57	2	1	3	3	5		1	7	14	5			16	
128. Acute nephritis (including unspecified, under 10 years of age).....	M	6	1	1								1	1		2	
	F	2	1	1												
129. Chronic nephritis (Bright's Disease).....	M	25										8	9		8	
	F	37			2	2	5			1	7	4			16	
131. Other diseases of the kidneys and annexa.....	M	4	1								1	1	1			
	F	4	1			1					2					
132. Calculi of the urinary passages.....	F	1										1				
133. Diseases of the bladder.....	M	3											3			
135. Diseases of the prostate.....	M	26				2	2					7	5		10	
137. Cysts and other benign tumours of the ovary.....	F	2									1	1				
138. Salpingitis and pelvic abscess.....	F	1										1				
139. Benign tumours of the uterus.....	F	4			1						1	1	1			
141. Other diseases of the female genital organs.....	F	6								1	4	1				
CLASS VIII.—THE PUERPERAL STATE.																
Total	F	14		3						4	7					
143. Accidents of pregnancy.....	F	1									1					
143B. Ectopic gestation.....	F	1									1					
144. Puerperal haemorrhage.....	F	1									1					
145. Other accidents of labour.....	F	1									1					
145E. Rupture of uterus in labour, etc.....	F	1									1					
146. Puerperal septicaemia.....	F	4		1						2	1					
147. Puerperal phlegmasia alba dolens, puerperal embolism, sudden death in puerperium.....	F	2								2						
148. Puerperal albuminuria and convulsions.....	F	5		2							3					

NATIVITY, AND MONTH OF DEATH—OTTAWA, 1926.—Continued

NATIVITY					MONTHS												
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
5			2		1	1	1		1		1	1	1				112
9		1			1	2	1			1		1	2				2
47		2			3	8	1	1	4	4	4	13	6	3			2
51						5	4		1	5	7	12	11	5	1		113
6						2		1				1		2			114
4												2	1				
17	2				4	2	3		1	2	1	2	2			1	117
8	1	1				1	2	1	2	2						1	1
11					3	1		2		1	1	1	1	1			118
8							1				1	3			3		
6					1	1		1				1	1	1			118A
2												2					
5					2			1		1	1						118B
6							1				1	1			3		
1																1	119
3			1		2					1							119
1														1			120
3			1		2					1						1	122B
1														1			
3									1			1	1				123
4								1		2							
5	1							1		1		2	1				124
6	1		1		1				2	2		1	1			1	
96	19	2	4		16	10	18	6	11	4	9	6	12	8	8	13	
50	10	1	3		7	8	10	2	6	2	5	2	6	5	7	4	
46	9	1	1		9	2	8	4	5	2	4	4	6	3	1	9	
6					1	2			2							1	128
2												1		1			
15	6	1	3		1	2	4	1	3		3	1	3	2	3	2	129
32	4	1			8		8	2	3	2	1	1	5	2	5		
4									1	1				1	1		131
3			1									2			1		
	1							1									132
2	1										1		1	1			133
23	3				5	4	6	1		1	1	1	2	1	2	2	135
2						1							1				137
1																1	138
2	2							1	2			1					139
4	2				1	1					2					2	141
12			1	1			3	2	1	1	1	3	2				1
1																	143
1																	143B
			1									1					144
1							1										145
1								1									145E
4							1	2		1							146
2									1				1				147
4				1			1				1	1	2				148

NATIVITY, AND MONTH OF DEATH—OTTAWA, 1926.—Continued

NATIVITY					MONTHS											
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
16	4	1			2	3	2	1	3	1	1	2	3	3		
6	3				2	1	1		1			1	3			
10	1	1			2	2	1	1	2	1	1	1		3		
3		1				1		1	1	1				2		151
4	2				2	1			1							152
1														1		
1	1					1	1					1				153
3	1					1			1							
1													1			154
3											1			2		
2										1				1		
2										1				1		
1										1						155
1															1	156
19					3	3	2		1	1	2	1	1	1	2	2
10					2	3	2		1					1		1
9					1					1	2	1	1		2	1
10					2	3	2		1					1		159
9					1					1	2	1	1		2	1
1					1										1	159A
1						1	1							1		159B
3						1										
1										1						
6					1	2	1		1							159C
7					1						2	1	1		1	1
139				1	14	14	11	20	11	12	17	5	5	14	9	8
80				1	7	6	6	14	7	6	7	5	3	8	4	8
59					7	8	5	6	4	6	10		2	6	5	
13					2			3	1	2	2	1		1		160
13					1	1	2	1	2	1	1		1	1	2	
57				1	3	5	6	10	6	4	4	3	3	6	2	6161
42					5	6	3	4	2	5	8		1	5	3	
47				1	3	4	5	8	5	3	4	3	3	4	2	4161A
37					5	6	3	3	2	2	8		1	4	3	
10						1	1	2	1	1				2		2161B
5								1		3				1		
10					2	1		1			1	1		1	2	162
4					1	1		1			1					

NATIVITY, AND MONTH OF DEATH—OTTAWA, 1926.—Continued

NATIVITY					MONTHS											
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
15	1				2		4	2	2		1		2			3
6					1		1	2			1					1
9	1				1		3		2				2			2
6					1		1	2			1					1
9	1				1		3		2				2			2
54	9	3	3	1	5	3	2	8	7	6	8	5	6	8	6	6
39	5	3	3	1	5	1	1	4	5	4	8	4	4	6	4	5
15	4					2	1	4	2	2		1	2	2	2	1
1															1	166
1														1		168
1			1		1								1			169
1	1		1					1			1					170
1									1							171
2						1				1						177
1								1								179
5					2						2			1		179
1																181
1								1								182
2	1					1				1	1				1	182
1															1	183
4	1	2	1		1		1		1	1		1	1		1	185
3	2					1			2	1		1				185
1														1		187
15	1							3		1	2	2	1	4		3 188
2	1							1					1		1	188
1																1 188A
2	1											1	1			1 188B
1															1	188B
11								2		1	2	1		4		1 188C
1								1								188E
1											1					196
1									1			1				199
1															1	199
1	1								1		1					201
3	1							1		1				1		1
3		1			1				1				2			202

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	CONJUGAL CONDITION													
		Under 15	Single					Married					Widowed	Not stated	
			15-24	25-44	45-64	65 and over	Age not stated	14-25	25-44	45-64	65 and over	Age not stated			
DEATHS—ALL CAUSES. Total.		1,061	158	25	38	58	74	.....	3	71	177	192	.....	265	.....
	M	542	74	13	26	35	31	.....	1	30	108	126	.....	98	.....
	F	519	84	12	12	23	43	.....	2	41	69	66	.....	167	.....
CLASS I.—EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.															
Total.....		120	33	8	9	7	5	.....	.....	17	12	10	.....	19	.....
	M	55	17	4	5	2	.....	.....	.....	8	9	4	.....	6	.....
	F	65	16	4	4	5	5	.....	.....	9	3	6	.....	13	.....
7. Measles.....	M	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	7	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9. Whooping-cough.....	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. Diphtheria.....	M	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. Influenza.....	M	18	3	2	.....	.....	.....	.....	.....	4	4	.....	.....	5	.....
	F	29	3	.....	.....	1	3	.....	.....	7	3	5	.....	7	.....
11A. Influenza, sole cause.....	M	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	3	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
11C. Influenza, with bronchitis	M	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
11D. Influenza, with pneumonia	M	8	1	1	.....	.....	.....	.....	.....	2	1	2	.....	3	.....
	F	16	1	.....	.....	1	3	.....	.....	3	2	2	.....	4	.....
11G. Influenza, with other causes	M	8	2	1	.....	.....	.....	.....	.....	2	3	.....	.....	.....	.....
	F	8	1	.....	.....	.....	.....	.....	.....	3	.....	2	.....	2	.....
13. Mumps.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16. Dysentery.....	M	3	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. Erysipelas.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
23. Lethargic encephalitis.....	M	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24. Meningococcus meningitis.....	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29. Tetanus.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
31-37. Tuberculosis. Total.....	M	14	.....	1	4	2	.....	.....	.....	4	1	2	.....	.....	.....
	F	15	.....	4	4	2	1	.....	.....	1	.....	1	.....	.....	.....
31. Tuberculosis of the respiratory system.....	M	13	.....	1	3	2	.....	.....	.....	4	1	2	.....	.....	.....
	F	10	.....	3	4	.....	1	.....	.....	1	.....	1	.....	.....	.....
33. Tuberculosis of the intestines and peritoneum.....	M	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36. Tuberculosis of other organs	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36A. Tuberculosis of skin and sub-cutaneous cellular tissue.....	F	3	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
36B. Tuberculosis of bones (vertebral column excepted)	F	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
36D. Tuberculosis of genitourinary system.....	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37. Disseminated tuberculosis.....	F	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37B. Disseminated tuberculosis, chronic or unstated.....	F	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38. Syphilis.....	M	6	1	.....	1	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
	F	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41. Purulent infection, septicaemia.....	M	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
CLASS II.—GENERAL DISEASES NOT INCLUDED IN CLASS I.															
Total.....		174	5	3	5	16	10	.....	.....	17	46	33	.....	39	.....
	M	80	4	1	2	8	3	.....	.....	6	26	17	.....	13	.....
	F	94	1	2	3	8	7	.....	.....	11	20	16	.....	26	.....
43-49. Cancer. Total.....	M	50	.....	.....	.....	4	3	.....	.....	3	19	11	.....	10	.....
	F	55	1	.....	2	4	4	.....	.....	5	11	11	.....	17	.....
43. Cancer of the buccal cavity.	M	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
44. Cancer of the stomach and liver.	M	27	.....	.....	.....	.....	1	.....	.....	2	10	9	.....	5	.....
	F	14	.....	.....	.....	2	1	.....	.....	.....	3	5	.....	3	.....

NATIVITY, AND MONTH OF DEATH—LONDON, 1926.—Continued

Can- ada	NATIVITY				MONTHS											
	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov	Dec.
		USA	Other													
723	275	24	19	20	89	84	110	130	94	69	70	75	79	76	89	96
362	149	11	13	7	49	35	55	66	53	36	40	36	39	42	40	51
361	126	13	6	13	40	49	55	64	41	33	30	39	40	34	49	45
90	26	2	1	1	5	7	15	28	16	7	6	2	5	7	7	15
42	10	1	1	1	2	2	3	13	10	4	2	2	3	4	3	7
48	16	1			3	5	12	15	6	3	4		2	3	4	8
3	1						1		3							7
7								1	3	1						9
1									1							10
5					1					1			2	1		1
3	1				1	1					1					1
13	4	1					2	9	2	1				2	1	1
17	11	1				1	7	11	1		1		1	1	3	3
2	2						1	1								11A
1	1						2							1		
6	1	1						4	1	1					2	11C
9	1						3		1					1		11D
7	6	1				1		10			1					1
5	3	1					2	1	1				1		1	11G
2	1							1							1	2
1	1						1	1			1					13
1	1								1	1						16
1	1															21
1	1															1
1	1						1									23
1	1								1							24
1	1									1						29
12	2				1			3	2	2			1		1	4
13	2				2	3	2	1		1	1		1		1	3
11	2				1			3	2	2					1	4
10					1	2	1	1			1		1		1	2
1																33
2	1				1	1				1			1			36
1					1											36A
	1									1						36B
1						1										36D
1																37
1																1
3	1		1	1		1		1	1		1	2				37B
2														1		38
2															1	41
1							1									
115	46	5	5	3	14	12	12	19	16	15	17	17	12	11	11	18
50	21	2	5	2	11	4	5	8	5	6	10	8	5	4	3	11
65	25	3		1	3	8	7	11	11	9	7	9	7	7	8	7
32	12	1	4	1	6	2	2	5	3	4	6	7	2	4	2	7
40	15				1	6	4	6	9	6	4	5	2	4	7	1
1	1				1											1
15	6	1	4	1	1	1		4	2	4	3	5		2	1	4
7	7				1		1	1	1	2	2	2		1	3	4

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed		
			Under 15	Single					Married							
				15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over			Age not stat- ed	
45. Cancer of the peritoneum, intestines and rectum.	M	8			1	1			1	2					3	
	F	5							1	1					3	
46. Cancer of the female genital organs.	F	14		1	1	1			4	3	1				3	
47. Cancer of the breast.	F	12				2			1	2	1				6	
48. Cancer of the skin.	M	3			2										1	
	F	2									1				1	
49. Cancer of other or unspeci- fied organs.	M	10			1					7	2					
	F	8	1	1	1					2	2				1	
50. Benign tumours and tumours not returned as malign- ant (tumours of female genital organs except- ed).	M	2											2			
	F	2											1		1	
51. Acute rheumatic fever.	M	1														
	F	1							1							
52. Chronic rheumatism, osteo- arthritis, gout.	F	1														
56. Rickets.	M	1	1													
57. Diabetes mellitus.	M	7			1	1			1	3	1				1	
	F	7			1	1			1	3	1				2	
58. Anaemia, chlorosis.	M	9			3	1			1	2	1				2	
	F	14			1	2	1		1	3	1				5	
58A. Pernicious anaemia.	M	9			3	1			1	2	1				2	
	F	14			1	2	1		1	3	1				5	
60. Diseases of the thyroid gland.	M	2								1	1					
	F	11			1	1			4	2	2				1	
60A. Exophthalmic goitre.	F	5			1					2	2					
60B. Other diseases of the thy- roid gland.	M	2					1				1	1				
	F	6							4						1	
62. Diseases of the thymus.	M	2	2													
65. Leukaemia, lymphadenoma	M	2		1												
	F	1		1												
65A. Leukaemia.	F	1		1												
65B. Lymphadenoma (Hodg- kin's disease).	M	2		1								1				
66. Alcoholism.	M	2			1							1				
66B. Acute alcoholism.	M	1			1											
66C. Chronic alcoholism.	M	1										1				
69. Other general diseases.	M	2	1		1											
	F	2		1						1						
69B. Haemophilia.	M	2	1		1											
69C. Purpura haemorrhagica.	F	1								1						
69D. Others under this title.	F	1		1												
CLASS III.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
Total		89	8	1	8	7	9			4	16	14			22	
	F	39	4		6	5	2			3	9	7			3	
	F	50	4	1	2	2	7			1	7	7			19	
70. Encephalitis.	M	2								1	1					
	F	1													1	
70A. Abscess of brain.	M	1									1					
	F	1													1	
70B. Encephalitis.	M	1								1						
71. Meningitis.	M	1	1													
	F	1	1													
71A. Simple meningitis.	M	1	1													
	F	1	1													
73. Other diseases of the spinal cord.	M	3				1					1	1				
	F	4									1	1			2	
74. Cerebral haemorrhage, apop- lexy.	M	13			1						4	4			3	
	F	18				1	3			1	1	3			9	
74A. Apoplexy.	M	2									1				1	
	F	14			1	3				1		3			6	
74B. Cerebral haemorrhage.	M	10			1		1				2	4			2	
	F	4									1				3	

NATIVITY, AND MONTH OF DEATH—LONDON, 1926.—Continued

NATIVITY					MONTHS											
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
1										1						74C
1	1							1							1	75
4	2					2		2				1				1
1												1				75A
1	1							1						1		75B
3	2					2		2								1
4	1	1	1		2						1			1	1	1
2	1								1					1		1
3	1				1		1						1		1	77
3	1				1						1				2	
3							2	1								78
2	1	1			1			1					1	1		
1												1				79
1					1											80
2						1			1							
1																84
3										1					1	
	1											1				85
2						1									1	86
2						1						1				
1						1										86A
1						1										
1															1	86B
1												1				
141	71	4	5	10	18	17	21	20	16	15	14	16	22	21	22	29
71	39	2	1	1	8	6	11	11	12	7	9	7	6	11	9	17
70	32	2	4	9	10	11	10	9	4	8	5	9	16	10	13	12
		2								1						1
3	2							1	1	1			1		1	88
2				1				1			1		1			
3	2							1	1	1			1		1	88A
1												1				
1				1				1					1			88B
11	2				1	1	3	1	2			2		1		2
37	16	1		1	2	3	4	8	7	3	4	5	1	4	5	3
49	16	2	2	8	7	3	5	6	4	3	4	7	8	5	8	10
2	2	1			1				1	2			7	8	10	11
2		1	1	1										1	3	
3																2
2	4	1			2	1		1						1		1
24	7			1	2	1	1			1	3	5	1	2	3	4
31	10		1	6	4	2	5	2	3	5	3	4	4	2	6	8
8	6						3	3	2		1		2	2		1
14	2			1	1	2	4	3	1	2		2	2	2	3	2
20	17	1	1	1	5	1	4	1	1	2		5	1	5	5	7
16	14		2		2	7	5	2	2	2		1	2	6	2	
1							1									91A
	1							1								91A
19	17	1	1		2	3	1	1	2	2	5		1	5	5	7
16	13		2		2	7	5	1		2	1	2	6	2	3	91B
1										1						93
86	37	5	3	2	22	10	19	22	11	7	6	7	4	4	12	9
49	23	2	1		9	6	10	11	6	3	4	5	4	4	6	7
37	14	3	2	2	13	4	9	11	5	4	2	2		6	2	
2							1						1			97

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Wid- owed	Not stat- ed			
			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		
98. Diseases of the larynx.....	M	1														1	
98c. Croup.....	M	1														1	
99. Bronchitis.....	M	1															1
	F	3										1					2
99A. Bronchitis, acute.....	F	2										1					1
99B. Bronchitis, chronic.....	M	1						1									1
	F	1															1
100. Broncho-pneumonia (in- cluding capillary bron- chitis).....	M	14	6	2		1						2	1				2
	F	14	5			2					2	1					4
100A. Broncho-pneumonia.....	M	14	6	2		1						2	1				2
	F	14	5			2					2	1					2
101. Pneumonia.....	M	48	4	1	2	5	4				2	8	13				9
	F	40	5			1	4				2	7	6				15
101A. Pneumonia, lobar.....	M	15	1			4	1				1	3	3				2
	F	9					1					3	1				4
101B. Pneumonia, not otherwise defined.....	M	33	3	1	2	1	3				1	5	10				7
	F	31	5			1	3				2	4	5				11
102. Pleurisy.....	M	3									1		1				1
103. Congestion and haemorrhagic infarct of the lung.....	M	1				1											1
	F	1															
105. Asthma.....	M	1										1					
106. Pulmonary emphysema.....	M	2										1	1				
107. Other diseases of the res- piratory system (tuber- culosis excepted).....	M	2				1						1					
107A. Chronic interstitial pneu- monia including occupa- tional diseases of the lungs.....	M	1										1					
107C. Others under this title.....	M	1				1											
CLASS VI.—DISEASES OF THE DIGESTIVE SYSTEM.																	
Total.....		57	12	3	4	1	4			1	3	13	6				10
	M	28	4	2	2		1			1		7	4				7
	F	29	8	1	2	1	3				3	6	2				3
108. Diseases of the mouth and annexa.....	M	1											1				
	F	1					1										
109. Diseases of the pharynx and tonsils (including adenoid vegetations).....	M	3	1				1					1					1
	F	3	2														
109B. Pharynx and tonsils.....	M	3	1				1					1					1
	F	3	2														
110. Diseases of the oesophagus	F	1										1					
111. Ulcer of the stomach and duodenum.....	M	2										1					1
	F	2				1						1					1
111A. Ulcer of the stomach.....	M	2										1					1
	F	1				1											
111B. Ulcer of the duodenum..	F	1										1					
112. Other diseases of the stomach (cancer ex- cepted).....	M	2	1										1				
	F	1															1
113. Diarrhoea and enteritis (under 2 years of age).....	M	1	1														
	F	1	1														
114. Diarrhoea and enteritis (2 years or over).....	F	6	2		1		1				1						1
117. Appendicitis and typhlitis.	M	6		2	2					1		1					
	F	4		1	1						1	1					
118. Hernia, intestinal obstruc- tion.....	M	8										3	1				4
	F	4	1									3					
118A. Hernia.....	M	5										1	1				3
	F	2										2					
118B. Intestinal obstruction...	M	3										2					1
	F	2	1									1					

NATIVITY, AND MONTH OF DEATH—LONDON, 1926.—Continued

NATIVITY					MONTHS														
Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			
		USA	Other																
1	1																1	98	
1	1																	1	98C
1	2						1												99
1	2							1			1		1						99A
1																			99B
1													1						
10	4				3	1	3		2	2			3						100
12	1		1		2	2	1	2	1	2			1				1	2	
10	4				3	1	3		2	2			3						100A
12	1		1		2	2	1	2	1	2			1				1	2	
31	14	2	1		4	4	5	10	4	1	3	2	1	3			6	5	101
23	11	3	1	2	11	1	8	8	4	1	2						5		
10	5				2	1	1	2	1		1	1	1	2	1			3	101A
5	4				3			4	1	1									
21	9	2	1		2	3	4	8	4	1	2	1		1		5	2	101B	
18	7	3	1	2	8	1	8	4	3		2					5			
2	1							1			1			1					102
	1				1														103
1	1					1													
2					1									1					105
																			106
1	1						1												107
	1						1												107A
1								1											107C
39	16	1		1	5	3	6	7	7		3	5	6	5	8				
18	9			1	1	1	3	3	4		3	3	2	3	4	1			
21	7	1			4	2	3	4	3			2	4	2	4	1			
1																			108
1									1							1			
3									1					2					109
2	1				1								1						109B
3									1				2						
2	1				1								1						110
	1						1												
	2										1	1							111
2					1										1				
1	2										1	1							111A
1					1										1				111B
1	1							1								1			112
1														1					
1									1										113
4	2								1					1		3			114
5	1						1		1										117
2	1	1			1	1		1			2					1			
4	3			1	1	1			2				1		2	1			118
4							1	1					1	1					
2	3					1		1	2			1		1					118A
2							1	1											
2				1	1									1		1			118B
2												1	1						

NATIVITY, AND MONTH OF DEATH—LONDON, 1926.—Continued

Canada	NATIVITY				MONTHS												
	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
		USA	Other														
1																1	119
	1															1	122
	1															1	122B
	1							1									123
1	2							1						1			124
1					1												125
2								1	1								126
2										2							127
73	32	3	1	2	10	13	11	9	9	12	8	11	6	7	9	6	
50	22	2	1	2	9	9	9	6	8	8	5	6	3	6	6	2	
23	10	1			1	4	2	3	1	4	3	5	3	1	3	4	
2		1			1	1									1		128
2															1	1	
29	15	1	1	2	3	5	6	3	7	6	3	3	3	4	3	2	129
18	8	1			1	3	2	2	1	3	3	5	2	1	1	3	
4	1				2	1	1				1						131
1	2					1				1					1		
2										1						1	132
1													1				133
11	6				2	2	2	3	1	1	1	2		1	2		135
1					1												136
2								1						1			141
7	1						1	1	2	1	2	1					
1									1								144
3							1		1		1						146
1												1					147
2	1							1		1		1					148
2										1						1	
1										1							
1																1	
1										1							151
1															1		153

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION,

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Under 15	Single					Married					Widowed	Not stated
				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 XI.—MALFORMATIONS.															
Total		15	15												
	M	4	4												
	F	11	11												
159. Congenital malformations (still births not included).....	M	4	4												
	F	11	11												
159A. Congenital hydrocephalus	M	2	2												
159B. Congenital malformations of the heart.....	M	1	1												
	F	6	6												
159C. Others under this title...	M	3	3												
	F	3	3												
CLASS XII.—DISEASES OF EARLY INFANCY.															
Total		46	46												
	M	22	22												
	F	24	24												
160. Congenital debility, icterus and sclerema.....	M	4	4												
	F	4	4												
161. Premature birth, injury at birth.....	M	17	17												
	F	14	14												
161A. Premature birth.....	M	16	16												
	F	12	12												
161B. Injury at birth.....	M	1	1												
	F	2	2												
162. Other diseases peculiar to early infancy.....	M	1	1												
	F	6	6												
CLASS XIII.—OLD AGE.															
Total		25					6				2	6		11	
	M	15					5				1	5		4	
	F	10					1				1	1		7	
164. Senility.....	M	15					5				1	5		4	
	F	10					1				1	1		7	
CLASS XIV.—EXTERNAL CAUSES.															
Total		49	10	2	4	4	5			4	9	5		6	
	M	31	3		4	4	1			4	8	3		2	
	F	18	7	2			4				1	2		4	
166. Suicide by corrosive substances.....	M	2			1	1									
167. Suicide by poisonous gas.....	M	1									1				
170. Suicide by firearms.....	M	1								1					
175. Poisoning by food.....	M	3								1	2				
	F	1	1												
177. Other acute accidental poisonings (gas excepted).	F	1	1												
178. Conflagration.....	F	1												1	
179. Accidental burns and scalds (conflagration excepted).....	F	1					1								
181. Accidental absorption of irrespirable or poisonous gas.....	M	1										1			

NATIVITY, AND MONTH OF DEATH—LONDON, 1926.—Continued

NATIVITY					MONTHS											
Canada	British	Foreign		Not stat-	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		USA	Other													
15						2	1	3	1		1	1	2	1		3
4							1		1				1			1
11						2		3			1	1	1	1		2
4							1		1				1			1
11						2		3			1	1	1	1		2
2								1						1		1
1							1									1
6						2		2			1	1				1
3									1				1			1
3													1			2
46					4	4	6	4	3	4	4	2	4	2	3	6
22					3	1	2	3	2	2	1		4	1	2	1
24					1	3	4	1	1	2	3	2		1	1	5
4								1		1			2			160
4						1	2			1						
17					3	1	2	2	1	1	1		2	1	2	1
14					1	2	1	1	1		2	1			1	4
16					3	1	1	2	1	1	1		2	1	2	1
12					1	1	1	1	1		1	1			1	4
1							1									1
2						1					1					1
1									1							162
6							1			1	1	1		1		1
12	13				4	1	4	4	2	1		4	2	3		
7	8				2		2	3	1	1		3	2	1		
5	5				2	1	2	1				1		2		
7	8				2		2	3	1	1		3	2	1		164
5	5				2	1	2	1	1			1		2		
34	9	2	3	1		4	4	3	1	3	5	3	9	7	7	3
21	6	1	3			3	1	3	1	3	3	1	6	4	4	2
13	3	1		1		1	3				2	2	3	3	3	1
2										1				1		166
1									1							167
1							1									170
1			3										3			175
1													1			
1						1										177
1														1		178
1														1		179
1												1				181

NATIVITY, AND MONTH OF DEATH—LONDON, 1926.—Continued

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						183
	5									1	1				2	185
	2	2					1				1		1			1
	6	4	1			2		2			2	1	1	2	1	188
	3		1								1	2		1		188A
	2	1	1			1		1			1	1				188B
	1										1					188C
	3	1				1							1	1	1	
	2											2				188E
	1	2						1			1			1		188F
			1													
	1															189
	1													1		196
	2	2				1	1						1		1	201
	4	1		1			2						1	1	2	
		1													1	
		1													1	
		1													1	205
		1												1		205c

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algonia	Braut	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glenagary	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	
	35,909	70	450	599	493	1,973	534	184	199	256	317	1,497	700	243	194	194	654	239	57	248	667	586
Grand total (including cities and towns of 5,000 and over).....	17,869	70	228	239	493	286	534	184	199	256	317	619	242	243	194	490	239	57	248	404	667	586
Total (excluding cities and towns of 5,000 and over).....	17,869	70	228	239	493	286	534	184	199	256	317	619	242	243	194	490	239	57	248	404	667	586
CLASS I.—EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.																						
Total.....	2,537	8	30	27	43	45	111	16	23	32	43	99	40	43	23	57	21	5	29	42	52	
1. Typhoid and paratyphoid fever.....	32	1	1	1			9	1					1		1		1					
1A. Typhoid fever.....	32	1	1	1			9	1					1		1		1					
1B. Paratyphoid fever.....	2						1															
6. Small-pox.....	64	1	2			1	7				1		4			1						
7. Measles.....	42	1	3			2	2	1			2		5							4		
8. Scarlet fever.....	150	9	1	2	3	19	2	2	2	1	10	5	2			4			2	3	2	
9. Whooping-cough.....	56	2	1	1	1	4	12	3	2	3	5	4	1			3			2	2	4	
10. Diphtheria.....	892	5	11	16	17	26	10	9	14	22	28	11	18	8	8	35	10	2	16	8	33	
11. Influenza.....	152	1	2	1	4	12	3	2	3	5	4	1	1	1	6	1	6	1	2	2	4	
11A. Influenza, sole cause.....	16	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1					
11B. Influenza, with phthisis.....	48	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1				3	
11C. Influenza, with bronchitis.....	354	1	3	8	6	11	4	1	2	9	13	5	6	5	13	4	1	10	4	10	1	
11D. Influenza, with pneumonia.....	33	1	1	3	3				1		1	1	1	1	1	1						
11E. Influenza, with other respiratory diseases																						
11F. Influenza, with diseases and accidents of pregnancy and parturition.....	14	1	2	3	2	2	2	3	8	7	1	1	8	5	8	1	12	3	1	4	2	15
11G. Influenza, with other causes.....	275	6	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13. Mumps.....	6																					
16. Dysentery.....	15	1	1	1	1	2			1	1	1	1	1									
19. Spirochetal haemorrhagic jaundice.....	47	1	1	1	1	1	1	1	1	1	3	1	3	1				1	1			
21. Erysipelas.....	13	1	1	3	1																	
22. Acute anterior poliomyelitis.....	17	1	1	1	1	1	1	1	1	1	1	1	2				1				3	
23. Lethargic encephalitis.....	12	1		1	1	1	1	1				2										
24. Meningococcus meningitis.....	3											1										
25. Other epidemic and endemic diseases.....	1											1										
25A. Chicken-pox.....	2											1										
25B. German measles.....	2											1										
25C. Others under this title.....	8				1				1									1				
29. Tetanus.....	2																		1			
30. Mycoses.....	2																					
31-37. Tuberculosis. Total.....	1,096	9	10	19	17	39	2	8	14	11	37	25	17	11	13	7	1	9	26	14		
31. Tuberculosis of the respiratory system.....	973	6	9	15	14	34	2	7	11	9	34	23	15	9	11	6		9	21	10		
32. Tuberculosis of the meninges and central nervous system.....	31	2	1	2	3					1	1	2		1								
33. Tuberculosis of the intestines and peritoneum.....	28		1					1	2	1	1					1					2	
34. Tuberculosis of the vertebral column.....	13																			1	1	
35. Tuberculosis of the joints.....	5	1	1																			
36. Tuberculosis of other organs.....	24			1	1				1						1					3	1	
36A. Tuberculosis of the skin and subcutaneous cellular tissue.....	1																					
36B. Tuberculosis of the bones (vertebral column excepted).....	3																					
36C. Tuberculosis of the lymphatic system (mesenteric, and retroperitoneal glands excepted).....	8			1					1												2	
36D. Tuberculosis of the genito-urinary system.....	9				1											1					1	
36E. Tuberculosis of organs other than above	3												1	2		1				1	1	
37. Disseminated tuberculosis.....	22							2					1	2								
37A. Disseminated tuberculosis, acute.....	7							2						1								
37B. Disseminated tuberculosis (chronic or unstrated).....	15				1								1	1		1					1	
38. Syphilis.....	23		1									1	1	1								
41. Purulent infection, septicaemia.....	57	3			1	1		2	1	1	1	1	2		1		1				1	
CLASS II.—GENERAL DISEASES NOT INCLUDED IN CLASS I.																						
Total.....	2,253	9	21	23	66	36	26	23	25	33	53	58	29	34	33	64	34	7	37	59	95	
43-49. Cancer. Total.....	1,418	6	11	14	46	19	10	14	13	14	36	34	16	20	24	39	26	4	26	34	55	
43. Cancer of the buccal cavity.....	61	2	1	1			2					1	1		2	2	2			4	2	

TABLE 39—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
86. Diseases of the ear and of the mastoid process.....	32			1	1		1			3		2				2			1	1	
86A. Diseases of the ear.....	24		1	1			1			2		2				2			1	1	
86B. Diseases of the mastoid process.....	8									1											
CLASS IV.—DISEASES OF THE CIRCULATORY SYSTEM.																					
Total	4,135	16	39	65	148	73	30	57	48	69	80	126	51	45	65	134	60	5	57	93	156
87. Pericarditis.....	9				1																2
88. Endocarditis and myocarditis (acute).....	63				3	3	2	1			2	5	1				1			1	2
88A. Acute endocarditis.....	34				1	3	1	1												1	1
88B. Acute myocarditis.....	29				2	2	1														1
89. Angina pectoris.....	297	2	4	3	5	2	7	4	5	5	3	12	10	3	2	6	4	1	5	8	17
90. Other diseases of the heart.....	2,363	11	28	27	85	41	20	26	28	36	43	82	25	24	33	103	44	4	34	58	77
90A. Valvular disease.....	547	3	1	3	16	3	2	8	7	13	14	19	6	5	12	33	4	1	3	11	12
90B. Fatty degeneration of the heart.....	18			1								1								1	1
90C. Aortic insufficiency.....	1																1				
90D. Chronic endocarditis.....	364		8	2	5	5	7	4	6	10	3	19	1	2	3	13	5	1	4	6	21
90E. Chronic myocarditis.....	975	5	14	16	51	27	7	9	13	8	22	29	10	9	12	31	28	1	19	23	17
90F. Others under this title.....	458	3	5	5	13	6	4	5	2	5	4	14	8	8	6	25	6	1	8	17	26
91. Diseases of the arteries.....	1,348	3	7	33	52	21	3	25	15	30	23	27	22	18	26	27	13		18	24	57
91A. Aneurysm.....	13																			1	
91B. Arteriosclerosis.....	1,328	3	7	33	52	21	3	24	15	30	23	26	22	18	26	25	13		18	23	57
91C. Other diseases of the arteries.....	7						1														
92. Embolism and thrombosis (not cerebral).....	27			1								1		1			1				2
93. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.).....	17			1	2															1	1
94. Diseases of the lymphatic system (lymphangitis, etc.).....	4					1															
95. Haemorrhage without specified cause.....	7											1								1	
96. Other diseases of circulatory system.....																					
CLASS V.—DISEASES OF THE RESPIRATORY SYSTEM.																					
Total	1,752	9	33	32	46	23	79	14	17	21	26	49	27	32	13	51	26	7	22	28	46
97. Diseases of the nasal fossae and their annexa.....	1				1																
98. Diseases of the larynx.....	15				1	3						1	1			1					
98A. Laryngismus stridulus.....	2				1											1					
98B. Laryngitis.....	7					2						1	1								
98C. Croup.....	4					1															
98D. Other diseases of the larynx.....	2																				
99. Bronchitis.....	120	1	2	6	6	1	5	3	2		2	2	2	2		7	2	1	1	2	2
99A. Bronchitis, acute.....	38		2	4	3	1	2	2					1	1		1		1	1	1	1
99B. Bronchitis, chronic.....	36			2	3		1	1	1				1	1		2					
99C. Bronchitis, not otherwise defined, under 5 years of age.....	15						2					1									
99D. Bronchitis, not otherwise defined, 5 years or over.....	31	1							1		1					4	2			1	1
100. Broncho-pneumonia (including capillary bronchitis).....	459	4	14	7	12	4	24	4	5	6	5	9	4	9	2	6	6	3	3	9	12
100A. Broncho-pneumonia.....	447	4	14	7	12	4	24	4	5	5	5	9	4	9	2	6	6	3	3	9	12
100B. Capillary bronchitis.....	12																				
101. Pneumonia.....	978	3	17	15	25	17	43	9	8	10	15	35	16	15	8	30	15	2	18	16	28
101A. Pneumonia, lobar.....	449	2	6	12	11	9	19	4	5	5	7	17	6	7	6	12	5	2	12	4	19
101B. Pneumonia, not otherwise defined.....	529	1	11	3	14	8	24	5	3	5	8	18	10	8	2	18	10		6	12	9
102. Pleurisy.....	39					1					2	1		2	2	1	1				
103. Congestion and haemorrhagic infarct of the lung.....	74	1		2			2	1		2	1		4	2	1	2	1			1	2
105. Asthma.....	37				2		1		1	1	3		1	1							
106. Pulmonary emphysema.....	3																				
107. Other diseases of the respiratory system (tuberculosis excepted).....	26			1								1				3					1
107A. Chronic interstitial pneumonia including occupational diseases of the lungs.....	2																1				
107B. Diseases of the mediastinum.....	1																1				
107C. Others under this title.....	23			1								1				1					1

TABLE 39—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	Haliburton	Halton	Hastings	Huron	
CLASS VI.—DISEASES OF THE DIGESTIVE SYSTEM.																						
Total	996	7	9	14	25	18	84	6	10	14	8	42	9	15	7	23	17	3	10	21	33	
108. Diseases of the mouth and annexa.....	18		1	1		1							1								1	2
109. Diseases of the pharynx and tonsils (including adenoid vegetations).....	52				3	1	5	1	1	1	4					2	1			1	2	2
109A. Adenoid vegetations.....																						
109B. Pharynx and tonsils.....	52				3	1	5	1	1	1	4					2	1			1	2	2
110. Diseases of the oesophagus.....	1																					
111. Ulcer of the stomach and duodenum.....	63	1	1		4		1	3	1	5	3					1	4	1			5	
111A. Ulcer of the stomach.....	45		1		2				1	5	2									3	1	2
111B. Ulcer of the duodenum.....	18	1			2		1	3			1					1	1					
112. Other diseases of the stomach (cancer excepted).....	120	3	1			5	4		1	1		5	2	1	1	2	1				4	2
113. Diarrhoea and enteritis (under 2 years of age).....	269	2	3	4	1	6	52		2	1	2	17		3	2	1	2			2	4	3
114. Diarrhoea and enteritis (2 years or over).....	57	1	1		1	4								4	1							
116. Diseases due to other intestinal parasites.....	3																					
116E. Other parasites specified.....	1																					
116F. Parasites not specified.....	2																					
117. Appendicitis and typhlitis.....	102		2		5		6		1	1		2	2	1	1	2	4	1		1	2	5
118. Hernia, intestinal obstruction.....	119		2	1	6	1	3	4	3	1	6	1	3	1	6	2	2			2	7	
118A. Hernia.....	38				1	2										1				1	2	4
118B. Intestinal obstruction.....	81	2	1	6	1	1	4	2	1	5	1	3	1	5	2	2	1			4	3	
119. Other diseases of the intestines.....	23				1	2										3						
120. Acute yellow atrophy of the liver.....	5		1				1															
122. Cirrhosis of the liver.....	38		1			1	2			1	3	2					1				1	
122A. Specified as alcoholic.....	27		2			1											2				1	
122B. Not specified as alcoholic.....	38		1			1	2			1	3	2					1				1	
123. Biliary calculi.....	27		2			1											2				1	
124. Other diseases of the liver.....	67		2	2	2	1	1			1	2		1	1	1	1	1	1			4	
125. Diseases of the pancreas.....	7																				1	
126. Peritonitis without specified cause.....	24				2	1	2			2		1	1			1					1	
127. Other diseases of the digestive system (cancer and tuberculosis excepted).....	1																					
CLASS VII.—NON-VENEREAL DISEASES OF THE URINARY SYSTEM AND ANNEXA.																						
Total	1,128	7	15	11	49	9	12	15	26	17	16	34	22	18	12	45	11	4	28	25	53	
128. Acute nephritis (including unspecified, under 10 years of age).....	80	1			4	1	2	2	3	1	3	2		1	1	5				2	3	3
129. Chronic nephritis (Bright's Disease).....	780	5	13	7	29	6	8	7	17	9	12	23	17	16	9	23	8	3	19	20	36	
131. Other diseases of the kidneys and annexa.....	53		1	1	3			1	1			2	1	1	1	2				2	3	
132. Calculi of the urinary passages.....	5				2																	
133. Diseases of the bladder.....	33			2	1								1			3				2	1	
134. Diseases of the urethra, urinary abscess, etc.....	7												1							1		
134A. Stricture of the urethra.....	2																					
134B. Other diseases of the urethra.....	5																			1		
135. Diseases of the prostate.....	135	1	1	1	10	2		2	4	5	1	6	2		1	9	1	1	1	1	10	
136. Non-veneral diseases of the male genital organs.....	5																1					
137. Cysts and other benign tumours of the ovary.....	6																			1		
138. Salpingitis and pelvic abscess.....	4						1	1									1					
139. Benign tumours of the uterus.....	12						1	1	1								1				1	
140. Non-puerperal uterine haemorrhage.....	1																					
141. Other diseases of the female genital organs.....	7							2									2					
CLASS VIII.—THE PUERPERAL STATE.																						
Total	125	1	4	1	4	2	4	3	2	1		5	2	1		1	4	2	1	2	5	
143. Accidents of pregnancy.....	7											1									1	
143A. Abortion.....	3																					
143B. Ectopic gestation.....	1																					
143C. Others under this title.....	3											1									1	
143D. Abortion, self induced.....																						
144. Puerperal haemorrhage.....	13		1			1		1				1					1			1	1	

TABLE 39—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	COUNTIES																				
		Addington	Algonia	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	
145. Other accidents of labour.....	18				2		1			1			1									1
145A. Caesarean section.....	2				1																	
145B. Difficult labour.....	1																					
145C. Other surgical operations and instrumental delivery.....	13				1		1			1			1									1
145D. Uncontrollable vomiting.....	2																					
145E. Rupture of uterus in labour, etc.....	2																					
146. Puerperal septicaemia.....	33	1	1		1		1					1				1	2	2				1
147. Puerperal phlegmasia alba dolens, puerperal embolism, sudden death in puerperium.....	13	2																				
148. Puerperal albuminuria and convulsions.....	39	1		2		3	1	1				2	1								1	1
149. Following childbirth (not otherwise defined).....	2																					1
CLASS IX.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.																						
Total	106	1	1	3		2	2	1		2	2	1		4	2	3	1	3	7			
151. Gangrene.....	59		1	3				1							3	1	3	1	1		6	
152. Furuncle.....	9										1										1	
153. Acute abscess.....	23					2	1									1					1	
154. Other diseases of the skin and annexa.....	15	1									1	1		1								
CLASS X.—DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.																						
Total	25			2							2			1							2	
155. Diseases of the bones (mastoid and tuberculosis excepted).....	17			1							1			1							1	
156. Diseases of the joints (tuberculosis and rheumatism excepted).....	6			1							1										1	
158. Other diseases of the organs of locomotion.....	2																					
CLASS XI.—MALFORMATIONS.																						
Total	257	1	5	6	5	6	5	2	4	6	2	3	1	9	2	1	5	7	6			
159. Congenital malformations (still-births not included).....	257	1	5	6	5	6	5	2	4	6	2	3	1	9	2	1	5	7	6			
159A. Congenital hydrocephalus.....	28					2	1			2	2			1							1	
159B. Congenital malformations of the heart.....	125	1	3	2	2	3	2		2	3	2	1	1	3	1		1	3	1		1	
159C. Others under this title.....	104		2	4	3	1	2		2	2	2	2	2	5	1	1	4	3	5			
CLASS XII.—DISEASES OF EARLY INFANCY.																						
Total	1,231	2	22	11	22	22	96	12	15	7	13	75	13	12	8	21	14	6	18	31	33	
160. Congenital debility, icterus and sclerema.....	233	2	1	2	7	27	1	6	3	2	10	4	3		2	3	1	3	3		8	
161. Premature birth, injury at birth.....	849	1	18	8	16	11	60	10	7	4	11	57	6	8	7	16	8	5	15	19	23	
161A. Premature birth.....	745	1	17	8	13	11	55	7	7	4	11	51	4	7	7	16	8	5	12	18	19	
161B. Injury at birth.....	104	1		3		5	3				6	2	1							3	1	
162. Other diseases peculiar to early infancy.....	147	1	2	1	4	4	9	1	2		8	3	1	1	3	3				9	2	
163. Lack of care.....	2			1																		
CLASS XIII.—OLD AGE.																						
Total	473	2	7	15	13	4	4	4	3	12	6	15	6	7	4	11	8	4	3	14	21	
164. Senility.....	473	2	7	15	13	4	4	4	3	12	6	15	6	7	4	11	8	4	3	14	21	

CITIES AND TOWNS OF 5,000 AND OVER)—ONTARIO, 1926.—Continued

	Kenora	Kent	Lambton	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	Wentworth	York	Grand total, including cities and towns	
...	1	...	...	...	...	...	...	...	1	...	...	...	...	1	1	2	...	...	1	...	...	2	...	...	...	...	...	...	...	1	...	1	...	51
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	2	...	...	1	...	...	2	...	...	...	...	...	...	...	1	...	1	...	11
...	1	1	1	2	2	1	...	1	...	3	
...	1	1	...	...	...	...	1	2	...	...	1	...	...	...	1	1	...	2	...	...	...	2	...	...	...	2	1	1	1	1	1	1	2	118
...	1	1	1	1	...	...	...	...	1	2	1	2	...	1	...	...	1	1	...	1	...	5	1	2	...	1	1	1	...	...	2	...	1	32
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	1	95
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	3	...	2	2	...	3	...	5	2	...	1	1	...	4	...	1	3	...	4	3	...	2	2	4	4	2	...	2	3	5	5	3	10	226		
...	1	...	2	2	...	2	...	3	1	...	1	...	1	2	...	...	1	...	3	1	...	1	...	2	1	1	...	2	1	3	4	2	4	98
...	1	1	1	1	2	...	1	...	1	2	1	1	1	1	1	1	27	
...	1	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	2	...	...	1	2	...	1	...	1	2	...	...	...	...	...	...	1	63
...	1	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	2	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	1	38
...	2	...	...	...	...	...	1	1	1	2	...	...	...	2	...	...	...	...	1	...	...	...	...	...	...	...	1	1	1	1	3	...	1	83
...	1	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	...	1	3	...	1	58
...	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	20
...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	1	2	3	5	2	3	...	7	1	5	5	6	6	3	4	8	6	1	2	2	1	7	11	12	3	6	2	5	2	7	8	8	4	33	526	
...	1	2	3	5	2	3	...	7	1	5	5	6	6	3	4	8	6	1	2	2	1	7	11	12	3	6	2	5	2	7	8	8	4	33	526	
...	1	8	62
...	1	1	1	1	3	1	2	...	4	1	2	4	2	3	2	1	7	1	1	1	1	6	8	4	4	3	2	1	1	3	6	4	3	18	242	
...	1	2	1	1	1	...	2	1	2	...	2	2	3	1	4	1	1	1	1	2	7	3	3	...	3	1	4	2	4	1	7	222	
14	32	14	18	13	12	16	6	16	15	47	16	17	16	14	24	13	12	10	33	7	12	46	38	46	20	55	8	31	10	10	27	24	12	74	2,501	
3	10	1	5	2	3	3	...	1	3	4	3	4	4	2	...	2	2	2	1	11	2	1	8	10	5	3	15	...	6	4	2	6	3	1	15	410
9	19	11	13	9	8	8	5	10	12	33	12	10	12	12	23	11	8	7	19	5	9	32	22	38	17	27	5	23	6	7	17	18	10	52	1,809	
8	15	9	10	8	7	7	4	10	11	29	7	7	11	12	18	9	6	6	16	5	7	28	20	36	15	24	4	21	5	6	17	13	7	46	1,572	
1	4	2	3	1	1	1	...	1	4	5	3	1	...	5	2	2	2	1	3	...	2	4	2	2	2	2	3	1	2	1	1	...	5	3	6	237
2	3	2	...	2	1	5	1	5	...	10	1	3	...	1	...	1	2	2	3	...	2	6	6	3	...	13	3	2	...	1	4	2	1	7	277	
3	9	8	6	8	2	11	4	7	5	6	5	12	23	14	7	5	3	9	6	5	3	20	3	18	6	7	2	3	12	6	4	36	13	19	728	
3	9	8	6	8	2	11	4	7	5	6	5	12	23	14	7	5	3	9	6	5	3	20	3	18	6	7	2	3	12	6	4	36	13	19	728	

TABLE 39—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
CLASS XIV.—EXTERNAL CAUSES.																					
Total	1,167	4	25	11	19	18	51	16	10	19	22	51	14	7	12	16	13	4	20	24	33
165. Suicide by solid or liquid poisons (corrosive substances excepted).....	17							7		1		1	3								
166. Suicide by corrosive substances.....	7																				
167. Suicide by poisonous gas.....	1																				
168. Suicide by hanging or strangulation.....	45				2			2	1	2	1	1	1		3	1	1		1		
169. Suicide by drowning.....	18	1		1	1					1	2	1			2				1		1
170. Suicide by firearms.....	41	1		2	1	2				1	1	2		1							
171. Suicide by cutting or piercing instruments.....	12	1					1					1									1
172. Suicide by jumping from high places.....	3														1						
174. Other suicides.....	3															1					
175. Poisoning by food.....	10											1				1					
176. Poisoning by venomous animals.....	1																				
177. Other acute accidental poisonings (gas excepted).....	16	1	1	1						1	1		1			1	1				
178. Conflagration.....	23					1	3														1
179. Accidental burns and scalds (conflagration excepted).....	45	1	1	1		1	1	3		2	3					1	1	1	1		
180. Accidental mechanical suffocation.....	14		1				2					1				2					1
180A. Overlaying.....	2						1														
180B. Asphyxia.....	12		1			1						1				2					1
181. Accidental absorption of irrespirable or poisonous gas.....	11					1			1		1										
182. Accidental drowning.....	233	1	12	1	3	4	8			1	2	17	1			1	2		3	5	3
183. Accidental traumatism by firearms (wounds of war excepted).....	22						2					1							2		
184. Accidental traumatism by cutting or piercing instruments.....	2										1		1								
185. Accidental traumatism by fall.....	109	1		3			3	1	2		1	5	2	1		3	1		3	2	5
186. Accidental traumatism in mines and quarries.....	18	1			1	6															2
186A. Coal mines.....	1																				
186B. Other mines.....	17	1			1	6															2
186C. Quarries.....	1																				
187. Accidental traumatism by machines.....	16	1				2				1						1					2
188. Accidental traumatism by other crushing (vehicles, railways, landslides, etc.).....	291	1	4	1	2	6	13	6	1	5	6	8	3	4	1	2	1	1	1	8	9
188A. Railroad accidents.....	135				3	6	2	1	5	5	4	1	2	1		1	1	1	6	5	1
188B. Street car accidents.....	1																				
188C. Automobile accidents.....	93	1	2	1		2	1	3		3	1	4	1	2			1		1	3	3
188D. Aeroplane and balloon accidents.....	1																				
188E. Injuries by other vehicles.....	24				2	1	1	1								1		1		1	1
188F. Other crushing.....	37	2				5			2												
189. Injuries by animals (poisoning excepted).....	16				2					1	1										1
192. Starvation (deprivation of food or water).....	2																				
193. Excessive cold.....	9						1	1					1			1					
194. Excessive heat.....	7														1						
195. Lightning.....	4										1	1									
196. Other accidental electric shocks.....	15	1				2			1			1									
197. Homicide by firearms.....	6				2								1								
198. Homicide by cutting or piercing instruments.....	15					1	1		2												
199. Homicide by other means.....	103	1	1	2	3	3	1	3	3	4	3	3	1		4	2	5	1	1	2	10
201. Fracture (cause not specified).....	33	1	1	1			2			1											3
202. Other external violence (cause specified).....	2											1									
203. External violence (cause not specified).....	15					1	1		2												
CLASS XV.—ILL-DEFINED DISEASES.																					
Total	177	1		1	5	3	8		2	7	2	2	2	2	1	12	2	1	1	11	
204. Sudden death.....	11												1			1					
205. Cause of death not specified or ill-defined.....	166	1		1	5	3	8		2	7	2	1	2	2	1	11	2	1	1	11	
205A. Ill-defined.....	7										1										
205B. Not specified or unknown.....	52						1														
205C. Heart failure.....	99	1		1	5	2	6		1	7	1	1	2	1	1	10	2		1	11	
205D. Syncope.....	8				1	1			1						1						

TABLE 40—CAUSES OF DEATH FOR CITIES AND

CAUSES OF DEATH	CITIES AND TOWNS																
	Total	Toronto	Hamilton	Ottawa	London	Windsor	Brantford	Kitchener	Kingston	Sault Ste. Marie	Peterborough	Fort William	St. Catharines	Guelph	Stratford	St. Thomas	Port Arthur
DEATHS—ALL CAUSES. Total	18,040	6,295	1,423	1,618	1,061	752	360	282	458	222	277	233	316	233	198	225	205
CLASS I.—EPIDEMIC, ENDEMIC AND INFECTIOUS DISEASES.																	
Total	2,269	739	172	243	120	107	34	28	53	34	33	36	56	21	11	31	32
1. Typhoid and paratyphoid fever	44	8	3	6	3	1	2	2	2								
1A. Typhoid fever	43	7	3	6	3	1	2	2	2								
1B. Paratyphoid fever	1	1															
6. Small-pox	3						2	2									
7. Measles	92	15	8	6	11	8	5	2	1	6		1	1			2	1
8. Scarlet fever	39	6	13	2	2	1	1	1	1								3
9. Whooping-cough	95	38	11	9	3	6			4			1	3			1	
10. Diphtheria	171	90	5	14	9	10		1	1			3	6				3
11. Influenza	696	194	44	90	47	30	8	11	17	9	16	11	18	8	4	11	4
11A. Influenza, sole cause	65	14	1	11	5	2			1	1	1	1	2		1	1	
11B. Influenza, with phthisis	13	3	1	1									1				
11C. Influenza, with bronchitis	14	3	1	1	2			1					1				
11D. Influenza, with pneumonia	349	104	30	34	24	16	6	6	9	4	6	6	13	1	1	5	2
11E. Influenza, with other respiratory diseases	18	2	1	6		2			1	2			1				
11F. Influenza, with diseases and accidents of pregnancy and parturition	13	4	1	1		1			1		2						
11G. Influenza, with other causes	224	64	9	36	16	9	2	5	4	2	7	4	1	6	2	5	2
13. Mumps	9	2	1	2	1												
16. Dysentery	17	9			3												2
19. Spirochetal haemorrhagic jaundice	1	1															
21. Erysipelas	76	36	9	7	3	2	2	1	2		1	1				1	1
22. Acute anterior poliomyelitis	30	13	3	1		1					3		1				1
23. Lethargic encephalitis	26	7	3	3	1	1	1	3					1				1
24. Meningococcus meningitis	26	10	6	1	1	2							1				
25. Other epidemic and endemic diseases	8	6	1														1
25A. Chicken-pox	3	2															1
25B. German measles	2	1	1														1
25C. Others under this title	3	3															
29. Tetanus	13	6		2	1				1								
30. Mycoses	4	3									1						
31—37. Tuberculosis. Total	739	223	49	87	29	32	16	5	25	10	9	19	23	7	7	10	14
31. Tuberculosis of the respiratory system	548	161	37	67	23	25	11	1	17	6	8	13	21	5	6	6	9
32. Tuberculosis of the meninges and central nervous system	64	27	8	6		1	4	2		1		4	1	1	1	1	2
33. Tuberculosis of the intestines and peritoneum	41	5	2	6	2			1	3	2		2	1				3
34. Tuberculosis of the vertebral column	14	4	1	2		1			1		1						
35. Tuberculosis of the joints	5	1															
36. Tuberculosis of other organs	31	11		3	3	3	1		3	1							1
36A. Tuberculosis of the skin and subcutaneous cellular tissue	4				1	1											
36B. Tuberculosis of the bones (vertebral column excepted)	2				1												
36C. Tuberculosis of the lymphatic system (mesenteric, and retroperitoneal glands excepted)	5	3		1					1								
36D. Tuberculosis of the genito-urinary system	16	7		2	1	1	1		2	1							
36E. Tuberculosis of organs other than above	4	1				1											1
37. Disseminated tuberculosis	36	14	1	3	1	2		1	1					1			2
37A. Disseminated tuberculosis, acute	24	12		2		1								1			2
37B. Disseminated tuberculosis, chronic or un stated	12	2	1	1	1	1		1	1								
38. Syphilis	82	39	4	7	8	6			1				4	1			2
40. Gonococcus infection	2	2															
41. Purulent infection, septicaemia	96	31	12	6	3	4		3	2	2	3	1		2		3	2

TABLE 40—CAUSES OF DEATH FOR CITIES AND

CAUSES OF DEATH	Total	Toronto	Hamilton	Ottawa	London	Windsor	Brantford	Kitchener	Kingston	Sault Ste. Marie	Peterborough	Fort William	St. Catharines	Guelph	Stratford	St. Thomas	Port Arthur
CLASS II.—GENERAL DISEASES NOT INCLUDED IN CLASS I.																	
Total	2,771	1,124	220	213	174	93	63	37	62	28	40	26	50	37	23	38	28
43-49. Cancer. Total.....	1,698	707	132	138	105	47	30	25	47	17	21	15	33	22	12	26	16
43. Cancer of the buccal cavity.....	73	35	2	7	2	3	2	5	1	1	1	2	1	1	1	1	1
44. Cancer of the stomach and liver.....	568	203	54	48	41	19	13	8	12	9	7	5	12	10	4	12	3
45. Cancer of the peritoneum, intestines and rectum.....	305	128	23	27	13	4	5	7	10	4	3	4	4	4	2	2	2
46. Cancer of the female genital organs.....	211	102	17	11	14	5	3	2	9	2	2	1	3	3	1	4	4
47. Cancer of the breast.....	175	87	12	16	12	6	3	5	5	1	1	4	2	2	1	1	1
48. Cancer of the skin.....	31	8	1	5	5	2	2	1	1	1	1	1	1	1	1	1	1
49. Cancer of other or unspecified organs.....	335	144	23	24	18	10	2	7	6	2	6	7	8	3	4	7	6
50. Benign tumours and tumours not returned as malignant (tumours of female genital organs excepted).....	36	11	7	3	4	1	1	1	1	1	1	1	1	1	1	1	2
51. Acute rheumatic fever.....	59	18	7	3	2	7	6	1	1	1	1	1	1	1	1	1	1
52. Chronic rheumatism, osteo-arthritis, gout.....	19	7	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1
53. Scurvy.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54. Pellagra.....	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
56. Rickets.....	33	16	5	1	4	4	5	5	5	1	6	2	5	3	3	5	1
57. Diabetes mellitus.....	228	87	18	21	14	3	5	5	5	1	6	2	5	3	3	5	1
58. Anaemia, chlorosis.....	262	89	19	14	23	17	12	1	3	2	5	1	2	6	4	4	3
58A. Pernicious anaemia.....	242	85	18	12	23	15	12	1	3	2	5	1	1	6	1	1	1
58B. Other anaemias and chlorosis.....	20	4	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
59. Diseases of the pituitary gland.....	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60. Diseases of the thyroid gland.....	204	85	24	11	13	2	3	1	4	5	3	5	4	4	2	2	2
60A. Exophthalmic goitre.....	126	54	13	9	5	1	3	1	4	3	3	2	2	3	1	2	1
60B. Other diseases of the thyroid gland.....	78	31	11	2	8	1	1	1	2	2	2	3	2	1	1	1	1
61. Diseases of the parathyroid glands.....	8	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
62. Diseases of the thymus.....	36	10	1	6	2	4	1	1	1	1	1	1	1	1	1	1	1
63. Diseases of the adrenals (Addison's disease).....	12	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
64. Diseases of the spleen.....	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
65. Leukaemia, lymphadenoma.....	60	35	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
65A. Leukaemia.....	39	24	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
65B. Lymphadenoma (Hodgkin's disease).....	21	11	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
66. Alcoholism.....	56	28	4	2	2	4	4	4	4	2	2	2	2	2	2	2	2
66A. Delirium tremens.....	6	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
66B. Acute alcoholism.....	29	17	3	1	1	2	2	2	2	1	1	1	1	1	1	1	1
66C. Chronic alcoholism.....	21	8	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
67. Chronic poisoning by mineral substances.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
67A. Chronic lead poisoning.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
68. Chronic organic poisoning.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
68A. Chronic morphinism.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
69. Other general diseases.....	44	16	2	1	4	2	1	3	3	1	1	1	1	1	1	2	1
69B. Haemophilia.....	17	8	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1
69C. Purpura haemorrhagica.....	12	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1
69D. Others under this title.....	15	6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
CLASS III.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
Total	1,328	462	124	102	80	42	32	19	42	11	17	9	31	16	22	18	13
70. Encephalitis.....	41	14	8	4	3	1	1	1	1	1	1	1	1	1	1	1	2
70A. Abscess of brain.....	11	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
70B. Encephalitis.....	30	12	6	3	1	1	1	1	1	1	1	1	1	1	1	1	2
71. Meningitis.....	64	21	3	8	2	3	2	3	3	1	1	2	2	1	1	1	1
71A. Simple meningitis.....	61	20	3	7	2	3	2	3	3	1	1	2	2	1	1	1	1
71B. Non-epidemic, cerebro-spinal meningitis.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
72. Tabes dorsalis (locomotor ataxia).....	13	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
73. Other diseases of the spinal cord.....	94	30	9	5	7	1	4	4	3	1	1	3	1	1	1	2	1
74. Cerebral haemorrhage, apoplexy.....	622	199	69	50	31	18	16	16	18	5	13	3	21	5	17	9	8
74A. Apoplexy.....	265	55	33	21	16	5	6	13	9	3	4	2	9	1	12	2	3
74B. Cerebral haemorrhage.....	318	122	36	27	14	9	9	2	9	1	9	1	12	4	4	7	5

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Sarnia	Niagara Falls	Chatham	Galt	Belleville	Owen Sound	Oshawa	North Bay	Brockville	Woodstock	Orillia	Welland	Sudbury	Pembroke	Lindsay	Cornwall	Walkerville	Midland	Barrie	Smith's Falls	Trenton	Waterloo	Collingwood	Ford City	Hawkesbury	Preston	Kenora	Cobourg	Eastview	Ingersoll	
30	20	27	27	24	36	13	13	25	26	24	29	18	21	21	33	4	8	16	16	5	7	11	2	4	8	13	15	4	15	
17	7	18	16	15	18	9	7	18	14	16	17	7	14	14	23	4	5	6	10	1	2	5	1	2	4	12	9	4	10	43-49
2	...	...	...	...	2	...	...	1	...	...	1	...	1	3	...	...	...	...	1	...	...	...	...	...	...	...	1	...	43	
4	1	5	8	7	4	1	2	5	4	7	8	3	4	8	9	...	1	2	6	...	2	1	...	1	...	7	3	1	44	
3	2	5	4	4	2	2	...	6	2	3	3	3	6	2	6	1	2	...	3	...	2	...	...	2	...	1	1	2	45	
3	1	1	...	1	3	2	1	2	1	1	1	1	1	1	2	2	1	1	...	1	...	...	1	...	...	1	1	1	46	
4	2	1	...	1	1	...	1	...	1	2	1	...	...	...	4	...	1	1	...	...	1	...	...	...	1	3	...	47		
1	...	...	...	1	...	...	...	...	...	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	1	48	
...	1	6	4	1	6	4	3	4	6	4	2	1	2	...	2	1	...	2	...	...	1	1	...	2	2	1	...	2	49	
...	...	...	...	2	...	...	1	1	...	...	...	1	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...	50	
...	1	1	1	...	2	...	1	1	2	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	51	
...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	52	
...	...	...	...	...	2	...	...	...	...	...	2	1	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	...	53	
1	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	...	54	
2	6	2	7	2	2	1	...	3	2	3	3	1	...	...	2	1	1	1	2	2	2	2	...	1	...	1	...	...	55	
4	1	4	2	3	3	2	2	1	3	2	2	3	3	4	5	5	...	2	2	2	1	2	3	...	1	...	2	4	56	
4	1	4	2	3	2	1	1	1	3	2	2	2	3	4	5	...	1	1	2	1	2	3	...	1	...	2	...	4	57	
...	...	...	...	1	1	1	...	...	...	...	1	1	...	...	...	...	1	1	...	2	1	2	3	...	...	...	2	...	4	58A
1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	58B
2	1	2	...	1	6	...	...	1	4	2	1	2	1	3	4	5	...	2	...	1	...	...	...	1	...	2	...	1	59	
2	...	1	...	1	2	...	...	1	4	1	1	1	1	2	...	...	1	2	...	...	1	...	...	...	...	2	...	1	60	
...	1	1	...	...	4	...	...	...	...	1	...	1	...	1	...	1	...	...	...	...	...	...	...	1	...	2	...	1	60B	
1	...	...	...	1	...	...	...	1	...	1	2	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	61	
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	62
1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	63
1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	64
1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	65A
...	2	...	...	...	1	...	1	...	...	...	1	1	...	...	...	1	...	...	...	1	1	...	...	...	...	...	...	...	...	65B
...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...	...	...	1	...	...	...	1	...	...	...	...	66
...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	66A
...	2	...	...	...	...	...	1	...	...	...	1	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	66B
...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	66C
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	67
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	67A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	68
1	1	...	1	...	1	...	1	...	...	...	1	...	1	...	...	...	...	1	1	1	...	...	...	1	...	1	...	...	68A	
1	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	1	...	1	...	...	69	
1	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	1	...	1	...	...	69B	
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	69C
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	69D
17	13	13	9	12	11	8	6	5	21	23	8	8	9	13	16	3	12	11	9	5	7	7	10	3	7	1	8	2	2	
1	1	1	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	70
1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	70A
1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	70B
1	...	...	...	1	1	...	...	...	1	...	1	...	1	2	...	...	1	...	2	...	1	...	...	...	...	1	2	...	...	71
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	1	...	...	...	...	1	2	...	71A
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71B
2	...	...	...	1	1	...	1	...	...	5	...	1	1	2	2	1	1	1	1	2	2	2	...	...	...	...	1	...	...	72
7	6	5	6	7	3	3	1	2	8	9	3	3	1	5	11	1	7	8	1	4	4	5	3	1	...	2	5	4	...	73
1	2	1	2	4	3	3	...	2	5	6	1	1	1	3	8	1	5	6	1	3	...	5	2	1	2	...	2	...	...	74
5	4	4	4	3	...	...	...	2	2	1	2	2	...	2	3	...	2	2	...	4	4	1	1	3	...	2	2	...	...	74A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	4	1	1	1	3	...	2	...	...	74B

TABLE 40—CAUSES OF DEATH FOR CITIES AND

CAUSES OF DEATH	Total	Toronto	Hamilton	Ottawa	London	Windsor	Brantford	Kitchener	Kingston	Sault Ste. Marie	Peterborough	Fort William	St. Catharines	Guelph	Stratford	St. Thomas	Port Arthur
100. Broncho-pneumonia (including capillary bronchitis).....	511	189	59	42	28	19	4	6	13	14	8	5	11	4	1	4	3
100A. Broncho-pneumonia.....	502	185	58	42	28	19	4	6	12	14	8	5	10	4	1	4	3
100B. Capillary bronchitis.....	9	4	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
101. Pneumonia.....	924	299	88	61	88	39	23	13	13	7	15	13	15	5	10	16	14
101A. Pneumonia, lobar.....	453	175	54	36	24	25	16	3	6	4	2	4	10	2	3	5	7
101B. Pneumonia, not otherwise defined.....	471	124	34	25	64	14	7	10	7	3	13	9	5	3	7	11	7
102. Pleurisy.....	63	22	7	4	3	1	.....	1	3	1	.....	1	1	1	1	1	1
103. Congestion and haemorrhagic infarct of the lung.....	56	17	2	5	2	.....	1	1	7	.....	2	.....	3	2	.....	.....	1
105. Asthma.....	37	21	1	3	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
106. Pulmonary emphysema.....	7	1	1	.....	2	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....
107. Other diseases of the respiratory system (tuberculosis excepted).....	29	12	2	3	2	1	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....
107A. Chronic interstitial pneumonia, including occupational diseases of the lungs.....	4	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
107B. Diseases of the mediastinum.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
107C. Others under this title.....	24	12	1	3	1	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
CLASS VI.—DISEASES OF THE DIGESTIVE SYSTEM.																	
Total.....	1,482	454	112	214	57	88	24	26	28	15	22	24	14	14	14	13	15
108. Diseases of the mouth and annexa.....	15	4	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
109. Diseases of the pharynx and tonsils (including adenoid vegetations).....	86	45	7	1	6	6	1	.....	1	1	.....	1	1	.....	.....	.....	1
109A. Adenoid vegetations.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
109B. Pharynx and tonsils.....	84	43	7	1	6	6	1	.....	1	1	.....	1	1	.....	.....	.....	1
110. Diseases of the oesophagus.....	3	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
111. Ulcer of the stomach and duodenum.....	116	52	8	9	4	3	1	4	1	1	2	.....	.....	1	1	1	.....
111A. Ulcer of the stomach.....	56	25	4	5	3	1	.....	1	1	1	.....	.....	.....	1	1	.....	.....
111B. Ulcer of the duodenum.....	60	27	4	4	1	2	1	3	.....	1	1	.....	.....	1	.....	1	.....
112. Other diseases of the stomach (cancer excepted).....	72	18	7	17	3	2	1	3	.....	.....	1	.....	1	1	1	1	.....
113. Diarrhoea and enteritis (under 2 years of age).....	346	81	18	100	2	32	3	2	6	3	1	6	2	2	3	.....	4
114. Diarrhoea and enteritis (2 years or over).....	60	11	6	10	6	4	5	.....	.....	.....	2	1	.....	.....	.....	1	.....
117. Appendicitis and typhlitis.....	289	86	16	29	10	20	3	9	7	5	6	5	2	2	5	4	5
118. Hernia, intestinal obstruction.....	228	66	22	19	12	6	6	2	5	2	2	3	4	4	3	5	5
118A. Hernia.....	90	29	8	8	7	2	1	2	2	1	1	2	1	1	.....	2	1
118B. Intestinal obstruction.....	138	37	14	11	5	4	5	.....	3	1	1	1	3	3	3	3	4
119. Other diseases of the intestines.....	25	8	7	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
120. Acute yellow atrophy of the liver.....	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
122. Cirrhosis of the liver.....	37	9	5	5	1	1	.....	1	3	.....	.....	1	2	1	.....	.....	.....
122A. Specified as alcoholic.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
122B. Not specified as alcoholic.....	36	9	5	5	1	.....	.....	1	3	.....	.....	1	2	1	.....	.....	.....
123. Biliary calculi.....	59	22	2	7	1	5	.....	2	1	.....	3	1	.....	2	.....	.....	.....
124. Other diseases of the liver.....	102	37	7	14	3	5	2	3	1	3	5	2	.....	.....	.....	.....	.....
125. Diseases of the pancreas.....	7	2	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
126. Peritonitis without specified cause.....	33	9	5	.....	4	4	1	.....	.....	2	1	1	.....	1	.....	.....	.....
CLASS VII.—NON-VENEREAL DISEASES OF THE URINARY SYSTEM AND ANNEXA.																	
Total.....	1,326	394	113	121	111	61	31	21	53	21	13	16	18	16	14	15	14
128. Acute nephritis (including unspecified, under 10 years of age).....	85	28	8	8	5	9	1	.....	3	2	.....	.....	.....	1	.....	.....	1
129. Chronic nephritis (Bright's Disease).....	788	217	63	62	75	35	18	15	38	11	6	12	14	9	8	8	10
131. Other diseases of the kidneys and annexa.....	92	35	8	8	8	1	2	.....	3	1	2	.....	.....	1	2	1	1
132. Calculi of the urinary passages.....	17	7	1	1	2	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

TABLE 40—CAUSES OF DEATH FOR CITIES AND

CAUSES OF DEATH	Total	Toronto	Hamilton	Ottawa	London	Windsor	Brantford	Kitchener	Kingston	Sault Ste. Marie	Peterborough	Fort William	St. Catharines	Guelph	Stratford	St. Thomas	Port Arthur
133. Diseases of the bladder.....	39	10	3	3	1	1	.....	.....	2	.....	.....	1	1	1	.....	1	.....
134. Diseases of the urethra, urinary abscess, etc.....	8	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
134A. Stricture of the urethra.....	5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
134B. Other diseases of the urethra...	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
135. Diseases of the prostate.....	198	61	24	26	17	8	6	4	4	4	2	1	.....	3	3	2	1
136. Non-venereal diseases of the male genital organs.....	4	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
137. Cysts and other benign tumours of the ovary.....	16	5	.....	2	.....	1	.....	1	.....	.....	2	.....	1	.....	.....	.....	1
138. Salpingitis and pelvic abscess.....	23	12	.....	1	.....	1	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....
139. Benign tumours of the uterus.....	26	6	3	4	.....	2	1	.....	.....	1	1	1	.....	.....	1	.....	1
140. Non-puerperal uterine haemorrhage.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
141. Other diseases of the female genital organs.....	28	8	2	6	2	2	2	.....	1	.....	.....	.....	.....	1	.....	.....	1
CLASS VIII.—THE PUERPERAL STATE.																	
Total.....	256	84	19	14	8	21	1	6	3	4	3	7	6	3	2	2	7
143. Accidents of pregnancy.....	33	14	2	1	.....	2	.....	1	.....	2	.....	.....	1	2	1	.....	.....
143A. Abortion.....	8	3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
143B. Ectopic gestation.....	9	4	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
143C. Others under this title.....	9	3	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	2	1	.....	.....
143D. Abortion, self-induced.....	7	4	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
144. Puerperal haemorrhage.....	27	11	2	1	1	1	.....	.....	.....	1	2	1	.....	.....	.....	.....	.....
145. Other accidents of labour.....	33	9	1	1	.....	5	.....	.....	.....	.....	3	2	.....	.....	.....	.....	.....
145A. Caesarean section.....	9	5	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
145B. Difficult labour.....	2	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
145C. Other surgical operations and instrumental delivery.....	12	2	1	.....	.....	2	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....
145D. Uncontrollable vomiting.....	8	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
145E. Rupture of uterus in labour, etc.	2	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
146. Puerperal septicaemia.....	85	29	7	4	3	5	1	2	.....	1	2	2	2	.....	.....	.....	4
147. Puerperal phlegmasia alba dolens, puerperal embolism, sudden death in puerperium.....	19	6	3	2	1	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
148. Puerperal albuminuria and con- vulsions.....	56	14	3	5	3	5	.....	2	3	1	.....	.....	.....	1	1	2	3
149. Following childbirth (not other- wise defined).....	3	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CLASS IX.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.																	
Total.....	120	41	7	21	2	3	3	2	3	2	.....	1	3	.....	1	2	.....
151. Gangrene.....	39	9	2	4	1	1	3	1	1	.....	.....	1	.....	.....	1	.....	2
152. Furuncle.....	18	6	1	7	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
153. Acute abscess.....	40	22	1	6	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
154. Other diseases of the skin and annexa.....	23	4	3	4	.....	1	.....	1	2	1	.....	.....	1	.....	.....	.....	.....
CLASS X.—DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.																	
Total.....	58	31	2	2	.....	3	.....	.....	2	.....	2	.....	.....	2	.....	1	1
155. Diseases of the bones (mastoid and tuberculosis excepted).....	41	23	1	1	.....	2	.....	.....	2	.....	1	.....	.....	1	.....	.....	1
156. Diseases of the joints (tuberculosis and rheumatism excepted).....	14	6	1	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
158. Other diseases of the organs of locomotion.....	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....

DEPARTMENT OF HEALTH

Forty-fifth Annual Report

OF THE

Department of Health

Ontario, Canada

FOR THE YEAR

1926

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



ONTARIO

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TORONTO

Printed and Published by the Printer to the King's Most Excellent Majesty
1927

ESTABLISHED IN 1842

Printed and Published by

Albert H. [illegible]

[illegible]



TO HIS HONOUR WILLIAM DONALD ROSS, ESQ.,

Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I herewith beg to submit for your consideration the Forty-fifth Annual Report of the Department of Health for the year 1926.

Respectfully yours,

FORBES GODFREY,

Minister of Health and Labour.

Toronto, February 1st, 1927.

TO THE HONOURABLE FORBES GODFREY, M.D.,

Minister of Health and Labour.

SIR,—I have the honour to submit for your approval the Forty-fifth Annual Report of the Department of Health, made in conformity with and under the provisions of The Public Health Act, for the year 1926.

I have the honour to be, Sir,

Your obedient servant,

W. J. BELL,

Deputy Minister of Health.

Toronto, February 1st, 1927.

DEPARTMENT OF HEALTH

Minister

HONOURABLE FORBES GODFREY, M.D.

Deputy Minister

W. J. BELL, M.B.

The Provincial Board of Health

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F. P. Downey, M.A.Sc.....	Assistant Chemist

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A. L. McKay, B.A., M.B.....	Epidemiologist
G. C. Brink, M.B.....	Clinical Specialist
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R. W. Young, M.B.....	“ “
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Andrew MacNabb, B.V.Sc.....	Bacteriologist
Vera Crossley, B.A.....	Assistant Bacteriologist
A. H. Bonham, B.A.Sc.....	Chemist

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F. M. R. Bulmer, M.B., B.Sc.....	Special Research
H. E. Rothwell, B.A.Sc., F.C.I.C.....	Chemist
Alex. R. White.....	Chief Sanitary Inspector

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J. Richardson.....	North Bay
W. C. Millar.....	Fort William
R. B. McCauley.....	Sault Ste. Marie
Hugh McIntyre.....	Cochrane

Division of Dental Services

F. J. Conboy, D.D.S.....	Director
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Division of Vital Statistics

S. J. Manchester.....	Director
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Division of Public Health Education

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

E. Jones.....	In charge
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Honorary Consultants

Public Health Administration.....	J. G. Fitzgerald, M.D., F.R.S.C.
Pediatrics.....	Alan Brown B.A., M.B.
Obstetrics.....	Wm. B. Hendry, M.D., D.S.O.

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ANNUAL REPORT

OF THE

Department of Health

of the Province of Ontario

For the Year Ending December 31st, 1926

RESUME OF THE TRANSACTIONS OF THE PROVINCIAL BOARD OF HEALTH BY JOHN W. S. McCULLOUGH, CHIEF OFFICER OF HEALTH.

This is the Forty-fifth Annual Report of the Provincial Board of Health for the year ending December 31st, 1926.

The Board held one special and four regular meetings during the year.

The following regulations were passed by the Board and approved by Order-in-Council, viz.:—

REGULATIONS RESPECTING THE PROTECTION OF PERSONS WORKING IN COMPRESSED AIR

1. Whenever work is in progress in the construction of which men are employed in compressed air, the person, firm or corporation carrying on the work or the contractor for any part-section or subdivision thereof shall be responsible in all respects for full compliance with all provisions of these regulations.

2. Every person, firm, corporation, municipal council or other public authority, shall require as a condition of any contract or sub-contract awarded, accepted or executed in which work of any kind is done by men employed in compressed air, that these regulations be complied with.

3. Any person, firm, corporation, municipal council or other public authority, before commencing work in the construction of which men are employed in compressed air, shall notify in writing the inspector appointed to administer these regulations and shall forward to him the plan and specifications of the work to be done.

4. The inspector may at any hour by day or night enter upon any land or into any place or building where men are employed in compressed air; may make such examination and inquiry as may be necessary to ascertain whether these regulations are complied with by employers and employees, and may require the production of any record, register, notice or document covered by these regulations.

5. The inspector whenever he deems it necessary may take with him into any place where work is in progress in the construction of which men are employed in compressed air, a legally qualified medical practitioner, medical officer of health or sanitary inspector.

6. The inspector may make such recommendations in writing as may be necessary for the proper and efficient carrying out of these regulations and the employer of men engaged in work in compressed air shall be responsible for the immediate and proper carrying out of any such recommendations made to him.

7. Air, electrical, hydraulic, mechanical, oil, steam and structural equipment, or any part thereof, whether portable or stationary, that functions in any way affecting the persons employed in compressed air shall in every respect be to the satisfaction of the inspector, and the inspector at any time by giving notice in writing to the contractor or sub-contractor shall require that all such equipment in whole or in part be inspected, improved, renewed, repaired or otherwise dealt with for the better carrying out of these regulations.

8. The Minister of the Department responsible for the administration of these regulations may authorize any physician attached to the Industrial Hygiene Division, Provincial Department of Health, to undertake such medical examination or inquiry as may be necessary to safeguard and promote the health of persons employed in compressed air.

9. These regulations shall be effective on and from the 1st day of September, 1926, and thereafter, and subject to the approval of the Lieutenant-Governor in Council, the Minister may add, alter, amend, change, delete or otherwise deal with any regulation having for its object the better protection of persons employed in compressed air.

10. *Hours of Work—Shifts and Intervals.*

The working time in any twenty-four hours shall be divided into two shifts in compressed air with an interval in open air.

The maximum number of hours of each shift and minimum open air interval between shifts during any twenty-four hours for any pressure as given in column 1 of the following table shall be as said opposite such pressures in columns 2, 3, 4 and 5, but in no case shall the rest interval taken in conjunction with a meal period be less than one hour.

Pressure (pounds) Column 1	Hours			
	Col. 2 Maximum total	Col 3 Maximum first shift in com- pressed air	Col 4 Minimum rest inter- val in open air	Col 5 Maximum second shift in com- pressed air
Greater than normal and up to 22 lbs.	8	4	$\frac{1}{2}$	4
" " 22 lbs. " " 29 "	6	3	1	3
" " 29 " " " 34 "	4	2	2	2
" " 34 " " " 40 "	3	$1\frac{1}{2}$	3	$1\frac{1}{2}$
" " 40 " " " 45 "	2	1	4	1
" " 45 " " " 50 "	$1\frac{1}{2}$	$\frac{3}{4}$	5	$\frac{3}{4}$

The limits of hours as herein specified shall apply according to the maximum pressure attained at any time during any shift.

11. Foremen and others specified by the Superintendent of Construction whose presence under air pressure is required for only short periods of time may enter the open air without the usual decompression, but no person shall remain under compressed air at pressures ranging from fifteen pounds to twenty-seven pounds for a longer period than thirty minutes, or for a greater length of time than fifteen minutes at pressures exceeding twenty-seven pounds but less than thirty-one pounds, or leave pressures of thirty-one pounds and over without being decompressed.

12. Additional hours of work required on any shift in cases of emergency, both as to the amount of extra time required under pressure and the rate of decompression thereafter, shall be at the discretion of the inspector enforcing these regulations.

13. *Decompression.*

(a) Except as specified in Regulation 11, no person employed in compressed air shall be permitted to pass from the place in which the work is being done to normal air except after decompression in the intermediate lock as follows:

(b) The stage decompression shall be used, in which a drop of half the maximum gauge pressure shall be at the rate of five pounds per minute. The remaining decompression shall be at a uniform rate and the total time of decompression shall equal the time specified for the original maximum pressure as follows:

(c) Where the pressure is greater than normal and less than fifteen pounds to the square inch, decompression shall be at the minimum rate of three pounds per minute.

(d) Where the air pressure is fifteen pounds or over and less than twenty pounds to the square inch, decompression shall be at the minimum rate of two pounds per minute.

(e) Where the air pressure is twenty pounds or over and less than thirty pounds to the square inch decompression shall be at the minimum rate of three pounds every two minutes.

(f) Where the air pressure is thirty pounds or over to the square inch, decompression shall be at the minimum rate of one pound per minute.

(g) After working in pressures of over twenty-two pounds per square inch each workman shall remain on the job for one hour after decompression.

(h) The schedule time of decompression shall be posted in each manlock.

14. The contractor or employer of men working in air chamber shall arrange to keep a record to show the period of staying in air chamber of each person; the time taken for decompression, also notes on any untoward symptoms exhibited or expressed by any man coming out from pressure.

15. *Locks and Working Chamber.*

(a) Each lock door must be fitted with a glass "bull's eye." The valves and pipes in connection with the air supply and exhaust must be so arranged that the locks can be operated both from within and from without. In caisson work at least two air pipe lines must be connected with each air lock and working compartment.

(b) Man locks shall be large enough so that the men in passing through are not compelled to be in cramped positions. Locks shall be at least five feet in height, and shall contain a timepiece, thermometer and pressure gauge which accurately show the time, temperature and pressure within the lock.

(c) In the working chamber there shall be installed a portable atmospheric pressure gauge and thermometer placed not more than ten (10) feet away from the working face, also a pressure gauge attached to working chamber side of lock to show pressure in the decompression compartment.

Gauges.

16. When the pressure exceeds seventeen pounds to the square inch where practical to do so, a recording gauge to show the rate of decompression shall be attached to the exterior of each manlock and the dial shall be of such size that the amount of rise or fall in the air pressure within any five minutes shall be readily shown.

17. There shall be on the outer side of each working chamber at least one back pressure gauge which shall be accessible at all times and shall be kept in

accurate working order. Additional fittings shall be provided so that test gauges may be attached at all necessary times. Back pressure gauges shall be tested every twenty-four hours and a record kept of such test.

18. A competent man shall be placed in charge of the valves and gauges which regulate and indicate the pressure in the working chamber. He shall not be employed more than nine hours in any twenty-four. In caisson work at no time shall he operate more than two separate air lines.

19. *Lighting.*

All lighting in compressed air chambers shall be by electricity only. All locks, chambers and tunnels must in addition be equipped with emergency electric torches.

20. *Communication.*

Suitable means of communication shall be maintained at all times between the working chamber and the power-house and the surface, and wherever possible a telephone shall be installed.

21. *Smoking.*

Smoking shall not be permitted in the air locks or working chamber.

22. *Intoxicating Liquor Prohibited.*

No person shall while under the influence of intoxicating liquor enter any compressed air chamber of any building connected with the operation of the same where workmen are employed, nor shall intoxicating liquors be brought into such places.

23. Provided, however, that nothing herein contained shall prevent the carrying of alcoholic spirits or other stimulants into such compressed air chamber or building for medical purposes in accordance with law.

24. *Wash and Rest Room.*

Facilities shall be provided for washing and bathing with a supply of hot and cold water in a structure maintained at a minimum temperature of seventy degrees Fahrenheit. The accommodation shall be sufficient to provide for changing clothes and to provide for the drying of work clothes.

A sufficient supply of hot coffee and sugar shall be supplied to men working in air pressure exceeding fifteen pounds (at the termination of shifts and during rest periods). The coffee must be heated by means other than direct steam. Coffee containers and cups shall be kept covered and in a clean and sanitary condition at all times.

25. *Sanitation and Ventilation.*

No nuisance shall be tolerated in the air chamber.

Sanitary containers shall be provided for use when necessary.

The supply of fresh air to the working chamber shall be sufficient at all times to permit work to be done without danger or discomfort.

All air supply lines shall be supplied with check valves and carried as near the face as practicable. The air supply shall be free from objectionable material.

Suitable and sufficient cooling apparatus shall be used to keep the temperature of the air supply to tunnels and caissons moderate at all times.

26. *Medical Attendance.*

Any person or corporation carrying on any work in the prosecution of which men are employed or permitted to work in compressed air, shall employ one or more suitable and duly licensed physicians whose duty it shall be to strictly enforce the following:

(a) No person shall be permitted to work in compressed air before he shall have been examined by the physician and reported to the person in charge thereof to be physically fit to engage in such work.

(b) In the event of absence from work of any employee for ten or more successive days for any cause, he shall not resume work until he shall have been re-examined by the physician and his physical condition reported to be such as to permit him to work in compressed air.

(c) No person not having previously worked in compressed air shall be permitted to work in a pressure exceeding seventeen pounds without having first been tested by the physician in the medical lock, nor shall any such person be permitted to work under any pressure for longer than one-half of a day period until he shall have been re-examined by the physician and found to be physically fit for such work.

(d) After any person has been employed continuously in compressed air for a period of two months, he shall be re-examined by the physician and he shall not be permitted to work until such re-examination has been made and he has been reported as physically qualified to engage in compressed air work.

(e) The employer shall at all times keep a complete and full record of examinations made by the physician, which record shall contain dates on which examinations were made and a clear and full description of the person examined, his age, and physical condition at the time examined, also a statement as to the time such person has been engaged in like employment. These records shall be open for inspection by the inspector charged with the enforcement of these regulations, or by any physician authorized by the Minister of Health and Labour.

(f) A medical lock shall be established and maintained in connection with all work in compressed air when the maximum pressure exceeds seventeen pounds. Such lock shall be not less than five feet in height and shall be divided into two compartments. Each door shall be provided with a bull's eye and fitted with air valve so arranged as to be operated from within and without. Such lock shall be kept properly heated, lighted and ventilated, and shall contain a gauge, a telephone and cot. Such lock shall be under the control of the physician in charge and there shall be maintained in close proximity a first-aid room, which shall contain a bath tub and all medical and surgical appliances necessary for first-aid in case of accident, and an examining room for the physicians on the work. Where the inspector deems it necessary a separate and independent compressor system shall be maintained in order to ensure the proper use and operation of the medical lock.

(g) An identification badge shall be furnished by the contractor or employer to all employees advising police officials that the employee is a compressed air worker, stating location of medical lock, and stating that in case of emergency, an ambulance driver shall remove the patient to the medical lock and not to the hospital.

(h) The records of the physicians on the work, the records of the men in the air chamber, of the time taken for decompression and of any untoward symptoms that have occurred, shall be kept in duplicate, and one copy of these records shall be supplied monthly to the Department of Health of Ontario.

(i) Adequate medical service shall be available at all times while work in air under pressure is in progress. This service shall be intensified as the pressure is increased.

There was no public health legislation during the year.

F. A. Dallyn, C.E., Provincial Sanitary Engineer, left the service and his position was filled by the appointment of A. E. Berry, M.A.Sc., C.E., Ph.D.

The most important matters dealt with by the Board were water and sewage utilities for which a large number of approvals were given. These as well as other matters are referred to elsewhere in this report.

DIVISION OF PREVENTABLE DISEASES

R. R. McCLENAHAN, B.A., M.B., D.P.H., DIRECTOR
J. W. HUNT, M.B., L.R.C.P., M.R.C.S., ACTING DIRECTOR

I have the honour to submit the following report of the work done by the Division of Preventable Diseases for the year ending December 31st, 1926.

1. EPIDEMIOLOGY

Typhoid Fever

The incidence of typhoid fever during the year 1926 has been consistently lower than the average for the five previous years. No outbreak assuming epidemic proportion occurred. Investigations of cases reported with positive Widal reaction from the laboratories, by use of a questionnaire and with the Medical Officers of Health co-operating, showed a large proportion of cases to have originated from the drinking of untreated water. A considerable number also contracted their infection from carriers who were handling food. During the year 44,820 c.c. of typhoid and typhoid-paratyphoid vaccine were distributed for the immunization of those likely to be exposed to typhoid infection. The highest incidence during the year was in the months of September and October, after many had been holidaying in places without properly protected water or milk supplies. The value of protection by previous immunization for those contemplating such a trip is quite apparent.

Smallpox

Smallpox has been much more prevalent this year than for the past previous three years in the province. Fortunately up to the end of the year it has been present in a mild form, but Medical Officers and others are warned that there is no guarantee that the disease may not at any time develop into the malignant type. Vaccination has been widely carried out, 155,000 points being distributed by this department, but in many districts where smallpox is endemic the value of vaccination should be further emphasized and practised more widely. Medical men should acquaint themselves with the more modern technique of acupuncture.

Diphtheria

The incidence and mortality from diphtheria throughout the province is much lower for the year 1926 than it has been for the past five years. This may be attributed to two factors. The first factor is the increased use of anti-toxin as soon as a clinical diagnosis is made, and the education of parents to call their physician immediately on the appearance of sore throat in their children. The second factor is the increased use of toxoid for the immunization of susceptible children. During the last year Medical Officers and others have organized school and pre-school clinics for this purpose. The efficacy and safety of toxoid are firmly established and splendid work has been done throughout the Province. During the year approximately 48,000 double doses of toxoid were distributed by the department for this purpose.

Scarlet Fever

Scarlet fever for the first half of this year was above the average but has declined during the latter months to slightly below the average. For two years

the department has distributed free scarlet fever antitoxin for treatment and passive immunization, and scarlet fever toxin for active immunization. Scarlet fever antitoxin for the treatment of cases has proven itself of definite worth and has been distributed to the extent of more than 5,500 doses. The small dose of antitoxin for the immediate immunization of actual contacts has also been used in more than 7,500 individuals. The active immunization by use of scarlet fever toxin has been used extensively to the amount of toxin for 11,000 individuals. With these two additions to the armamentarium of the Medical Officer and physician we may expect in the near future a much further reduction in the mortality and incidence of scarlet fever.

Whooping Cough

Whooping cough has been more prevalent during the year 1926 than the average for the past five years. The case fatality rate is high. This is evidenced by the fact that in 1925 the death rate from whooping cough was slightly higher than for diphtheria. Control measures should be directed along three channels. First, in the education of the public, that whooping cough is a serious disease, especially in children under five years of age. Second, the importance of avoiding at all costs the exposure of younger children and infants. Thirdly, by the immunization of contacts by the use of pertussis vaccine. This vaccine was distributed to the physicians of the province to the amount of 65,000 c.c.

Measles

Measles has shown average incidence for the year 1926 with the peak of cases reported during May and June. As yet no satisfactory form of prophylactic product has been developed for the prevention of measles. Research work, however, has been progressing satisfactorily on this continent and in Europe on the discovery of the cause of measles. One fact has been well established, e.g., that blood serum from a convalescent measles case has great value in the temporary immunization of contacts if given before the fifth day of the incubation period. This method of immunization is to be especially recommended for institutions housing young children.

Rabies

No cases of rabies have been reported as occurring in man. However, there have been seventy individuals bitten by dogs who have submitted to the Pasteur preventive treatment during the year. There were thirty-one animal heads examined for Negri bodies with fully 50 per cent. being found positive. The infected regions have been around Windsor, Niagara Falls and the eastern section of the province.

Tuberculosis

Organization has been begun in the establishment of permanent clinic centres which the travelling Diagnostic Clinic for Diseases of the Lungs will visit semi-annually or annually. It is hoped some thirty such centres will be organized during 1927.

*Communicable Diseases Reported for the Province by Local Boards of Health
for the year 1926.*

COMPARATIVE TABLE

DISEASES	1926		1925	
	Cases	Deaths	Cases	Deaths
Cerebro spinal meningitis.....	37	23	43	27
Chancroid.....	11	0	25	0
Chickenpox.....	7,787	0	5,356	2
Diphtheria.....	2,818	179	3,031	207
Encephalitis.....	21	16	67	47
Gonorrhoea.....	1,539	0	1,708	0
Influenza.....	0	388	0	250
German measles.....	3,223	0	168	0
Measles.....	18,420	42	12,413	17
Mumps.....	1,784	0	6,160	0
Poliomyelitis.....	71	6	92	6
Pneumonia.....	0	2,169	0	1,946
Scarlet fever.....	5,640	38	5,449	80
Septic sore throat.....	18	1	55	2
Smallpox.....	706	3	218	4
Syphilis.....	1,256	0	1,302	0
Tuberculosis.....	1,660	*821	1,931	*931
Typhoid.....	581	32	859	70
Whooping cough.....	3,679	67	3,827	97

*Only 50 per cent. reported.

2. VENEREAL DISEASE CONTROL

(1). *Distribution of V.D. Supplies.*

(a) Diarsenol.

Size	No. of Ampoules	Cost
0.2.....	602	\$102.34
0.3.....	1,441	302.61
0.4.....	1,447	361.75
0.6.....	1,798	593.34
2.0.....	2,489	1,792.08
	<u>7,777</u>	<u>\$3,152.12</u>

(b) Mercury Salicylate.

Size	No. of Ampoules	
1 gr.....	6,472	306.71
5 gr.....	949	145.43
	<u>7,421</u>	

(c) Bismuth Hydrate.

Size	No. of Ampoules	
2 gr.....	5,494	257.30
10 gr.....	1,187	182.99
	<u>6,681</u>	

(d) Silver Nitrate.

No. of Ampoules.....	29,135	874.05
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(e) Sodium Hydroxide.

No. of Ounces.....	2,414	24.14
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(f) Distilled Water.

No. of Ounces.....	20,677	175.75
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(g) Intravenous Outfits.....	9	54.00
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Total \$5,172.49

(2). <i>Clinics</i> (Seventeen).		
No. of patients treated.....	9,897	
No. of new admissions.....	4,327	
No. of treatments given.....	106,692	
(3). <i>Cost of V.D. Control.</i>		
V.D. supplies distributed.....		\$ 5,172.49
Treatment in clinics.....		50,096.00
Salaries to clinics.....		20,000.00
		<hr/>
Departmental clinics.....		232.00
		<hr/>
	Total cost.	\$75,268.49
Federal Grant.....		38,000.00
		<hr/>
Cost to Ontario.....		\$37,500.49
(4). It is interesting to note that as a result of the restrictive regulations as applied to the irrigation form of treatment in Gonorrhoea brought down during the year a saving of \$5,492.00 to the department was affected. The Division in checking over the various monthly clinic reports did not allow 4,562 making a further saving of \$2,281.00.		
Total savings.....		\$7,773.00

(5). *Social Service.*

The following is a summary of the work done by the Social Service Nurse:

Outside places visited.....	59
Lectures with films.....	116
Attendance.....	8,822
Clinics visited.....	75
Meetings.....	16
Office routine.	

3. TUBERCULOSIS.

(1). *Diagnostic Chest Clinic.*

No. of places visited.....	15
No. of cases examined.....	1,649

(2). *Maintenance of patients in Sanatoria from unorganized territory.*

Cost.....	13,825.85
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4. COST OF BIOLOGICAL PRODUCTS AND INSULIN.

Product	Amount	Cost
Smallpox vaccine.....	155,478 (pts)	\$6,996.54
Diphtheria anti-toxin.....	270,143,000 units	33,412.13
“ syringes.....	11,701	2,340.20
Diphtheria toxoid (individual).....	6,719 (pack.)	1,343.80
“ “ (6 persons).....	1,194 “	1,194.00
“ “ (12 persons).....	2,836 “	2,836.00
Schick test (25 persons).....	1,937 “	287.40
Anti-Meningitis serum.....	1,151 (vials)	1,151.00
“ spinal outfits.....	136	61.00
Tetanus antitoxin.....	24,793,000	7,437.90
“ syringes.....	1,008	201.60
“ spinal outfits.....	79	35.55
Scarlet Fever antitoxin.....	5,536 (15 cc)	12,456.00
“ “ “.....	7,750 (2 cc)	3,100.00
“ “ “ syringes.....	105	21.00
“ “ “ toxin (incl).....	4,179	1,213.50
“ “ “ (6 persons).....	1,273	1,206.00
Dick test outfits.....	4,306	861.20
Pasteur treatments.....	70	1,050.00
“ syringes.....	946	189.20
Typhoid vaccine.....	44,820 cc	
Pertussis vaccine.....	65,367 cc	
		<hr/>
		\$77,494.22
Insulin.....	7,689,800 units	\$35,737.60
		<hr/>
		\$113,231.82

DIVISION OF INDUSTRIAL HYGIENE

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

I have the honour to submit the following report, the work of the Division of Industrial Hygiene for the year 1926.

The health of the wage earner is at least as important to himself as to his employer. In times like these sickness and accident are responsible for at least 75 per cent. of all absence from work. The employer pays directly for accidents—in Ontario to the extent of seven or eight million dollars a year. He pays also for sickness, which causes three to five times as much loss in time as accidents. The wage earner who is sick is usually less effective both for some time before and for sometime after his sickness. When he is absent some one must be secured to take his place. Frequently this is an inexperienced workman whom experience shows to be much more liable to accident and less efficient in the conduct of his duties. Wage earners in Ontario lose about thirty million dollars a year in wages on account of ill health, in addition to all the anxiety and suffering. Occupational diseases are included in this estimate, but it is made up largely of the group of illnesses to which the general population is subjected; for example, colds, bronchitis, pneumonia, rheumatism, and sore throat. About half of the lost time caused by these illnesses can be prevented.

How is the reduction to be brought about? By the application of the same methods as would be used to reduce waste in any other direction:

1. To know the materials with which the work is to be done: For the conservation of health this involves the physical examination of employees, not with a view to employing only those who are fit but in order that those with defects will be assisted into suitable work. About 25 per cent. of those employed at the present time could be helped in this way. Periodic examination after employment is even more valuable for the prevention of sickness.

2. To use every means to keep the machine running smoothly: Human beings as well as machines require periodic supervision and conditions of work which are conducive to their health. As an instance it has been observed that workers in hot plants suffer from colds, pneumonia, and rheumatism much more frequently than those who work in ordinary temperatures. Where facilities are provided for baths and change of clothing at the end of the shift and these are used such diseases are much reduced in frequency.

3. When the first indications of a breakdown appear good management requires that facilities exist for dealing with the situation expeditiously. In the maintenance of the health of wage earners more is accomplished by catching illness in its early stages than by any other one means. Indeed, in the development of a programme for eliminating waste due to ill health this is the first item. It involves bringing the physician and the patient together at the first appearance of symptoms. Experience shows that if the physician is readily available, and not otherwise, the wage earner will seek his advice early; that is, the physician must be brought to the patient. This is a peculiar opportunity which groups of individuals such as appear daily in industries can enjoy. Advice at this time in his illness will indicate whether he may safely return to work at once, or whether he should be placed under active treatment and, if so, what contact he should make.

The number of employers in Ontario who recognize the importance of making medical services for the prevention of sickness readily available to their employees continues to increase. In some but not all cases the arrangement has been made to apply only to those workers exposed to dangerous substances. More development along these lines has taken place in connection with the larger plants but in other places smaller plants have grouped together for similar service with equally good results.

The subject has been dealt with during the year in articles prepared for the newspapers, some general but others dealing with particular aspects of the problem as they are brought to public attention. There have been issued during the year pamphlets for distribution at the Canadian National Exhibition and articles for publication in trade journals and in magazines.

OCCUPATIONAL DISEASES

A booklet entitled, "Occupational Diseases: A Ready Reference Manual," has been compiled and distributed.

All contacts made through suspected or actual cases of occupational disease, as well as those contacts arising from other activities of the Division are used to point out what can be accomplished in the prevention of general disability.

The types of occupational disease coming to the attention of the Division in the past year have been even more varied than previously. Physicians are using more extensively the facilities afforded by the Division for laboratory and clinical examination of the occupational factor in doubtful cases. That the occupation in many instances is shown not to contribute to the disability indicates increasing attention to this aspect of their cases on the part of physicians. From the standpoint of the employer, there must be many instances in industry in Ontario where workman and employer alike are suffering at least inconvenience from minor disabilities caused by substances in use in their processes. Frequently it is possible with a little investigation to suggest a practicable remedy by applying the experience of others who may be engaged in a vastly different field of activity. An example will suffice: Workmen using sodium bichromate in the manufacture of glass in Ontario suffered intensely with inflammation of the eyes, face, hands, and mouth. In this instance the inconvenience was sufficient to necessitate absence from work. Improvement in ventilation and the use of a sodium thiosulphate wash completely controlled the situation at negligible expense.

A few of the occupational diseases require special mention:

LEAD

(a) The work among the storage battery plants in Ontario is encouraging.

The storage battery industry, which in Great Britain leads all other industries in the number of cases of lead poisoning produced, shows considerable progress in the control of this hazard in Ontario. All the larger manufacturing plants in Ontario have voluntarily made provision for periodic physical examination of workers exposed to lead and for frequent visits to the plant by company physicians, who are using accepted methods for the early detection of lead poisoning. Some cases of lead poisoning still occur in these plants. There have been a few which developed rapidly following some intercurrent illness, for example, influenza, indicating that lead had been absorbed and that it only required a change in metabolism brought about by the intercurrent infection to

throw lead into the circulation and produce symptoms. This shows that the conditions of work are not such as to entirely prevent men from receiving lead into the system.

(b) Lead mining: In mining lead when it occurs in the form of galena (lead sulphide) the hazard has been considered negligible. A few mild cases of lead poisoning have been reported, however, from this source. Forty-seven complete examinations of lead miners were made during the year showing nine men with mild lead poisoning, eleven men with definite evidence of the absorption of lead but with no indication of disability from this source.

(c) Ethyl gasoline, advertised as an anti-knock compound for gasoline motors, was placed on the market in Ontario on September 18, 1926. This gasoline contains tetra-ethyl lead roughly in the proportion of one part of tetra-ethyl lead to 1,300 parts of gasoline. Lead in this form is absorbed through the skin. When received into the body in this manner, or by inhalation or ingestion it produces serious poisoning. The hazard exists in its manufacture, in mixing, and in distribution. It is mixed and distributed in Ontario. The mixing operations are carried on under enclosed conditions with strict medical supervision of the workers employed in this operation. In its distribution two groups of workers are exposed to the lead hazard: (1) Workers at gasoline filling stations; (2) garage workers employed in repairing motors in which ethyl gasoline has been used. Workers at these points of hazard are being observed with a view to determining whether the conditions of work are safe.

SILICOSIS

Silicosis is a condition of the lung tissue in which damage has taken place as the result of the inhalation of finely divided silica dust. The particles of silica causing the damage are less than ten microns ($1/2500$ of an inch) in size, such as are produced by drilling and blasting in mining and quarry operations in rock containing silica. The particles of silica after chemical changes produce this damage. The injured portions of the lung are thrown out of use. When this has progressed disability results. In addition, tuberculosis attacks such a lung more readily and development of the disease under these conditions progresses more rapidly.

During the past two years the Division, working with the Tuberculosis Division of the Department, has conducted a survey of the mines and quarries in Ontario to determine the extent to which silicosis is being produced in these industries.

During 1926, 1,040 miners in the different mining camps in Northern Ontario were given a physical examination, with X-ray examination. The amount of silica in the rock varies in the different camps, and, as was to be expected, the number of cases of silicosis developing in the different camps varies also.

In April, 1926, the Workmen's Compensation Act of Ontario was amended, defining silicosis along the lines of the Act Relating to Miners' Phthisis in South Africa. Since that time the Division has received from the Workmen's Compensation Board reports of ninety-seven cases of silicosis in its different stages which have been compensated.

Considerable attention has been paid to the prevention of this condition. Obviously, the most desirable method for control lies in the collection of this fine silica dust, which is formed during mining operations, before it permeates the air which the men breathe. Up to date this has been found to be impractic-

able. Free use of water in the drills, at the points of blasting and on the rock surfaces, together with good general ventilation has done much to reduce the hazard but has not succeeded in eliminating it.

It has been necessary to choose with care men entering employment of this kind to eliminate those who have any abnormal chest condition which will favour the development of silicosis, such as tuberculosis, chronic bronchitis; and to examine all men employed underground at intervals in order to eliminate as early in the disease as possible any who show its effects or those who may have contracted tuberculosis, the former for the benefit of the miner himself and the latter to avoid the spread of tuberculosis to others.

During the year arrangements have been made by the Porcupine mine operators for these examinations. In the Kirkland Lake, Cobalt, and Sudbury camps arrangements for the same purpose are receiving careful attention.

The findings on physical examination and X-ray examination of miners exposed to silica related to gross and microscopic lung and heart findings at autopsy is of the greatest importance as a guide in the interpretation of the effects produced in the living subject. In a few instances it has been possible to obtain autopsy material from cases previously examined, but no opportunity should be lost to repeat this.

Local experience, in common with experience elsewhere, shows that a few men working exposed to silica may show considerable lung change within five years and less, while other men with fifteen years' exposure of similar intensity will show little or no evidence of the disease. Results of work along these lines might conceivably alter the whole scheme of prevention.

CAISSON DISEASE

The amount of work carried on in the province under compressed air is increasing, necessitating investigation of conditions under which this work is being done. This investigation showed that work of this nature involving the use of higher pressures than have been in use locally has been carried on elsewhere with very little trouble, but that the work is hazardous and requires strict supervision. Of prime importance in this connection is the length of hours in relation to the pressures in use and the strict adherence to what has been determined as the safe length of time to be occupied in coming from under the different pressures to the atmosphere. These essential features for the prevention of the condition, along with many others—important but not vitally so—have been included in a code of regulations which was drafted and incorporated in legislation and placed with the Department of Labour for enforcement.

Caisson disease has also been added in Schedule 3 of the Workmen's Compensation Act to the list of diseases for which compensation is paid. The Division has received reports of fifty cases and three deaths from caisson disease which have been compensated under this arrangement. Under the new conditions there have been very few cases and these of a mild nature. With effective supervision this should continue; nevertheless, the Division is maintaining an active interest in the question.

NICKEL RASH

The report of the investigation of nickel rash has been published. As the preventive measures in small electro-plating rooms depend mainly on improved ventilation, occasion to bring about this improvement is withheld pending the results of other investigations in ventilation which are being conducted by the Division.

FURUNCULOSIS AND INFECTED INJURIES FROM CUTTING OILS AND COMPOUND

At the request of the executives of a large plant working iron and steel, Dr. D. T. Fraser, Assistant Director of the Connaught Laboratory, undertook for the Division to determine the antiseptic properties of a well-known disinfectant to be used with cutting compound and cutting oils. It was determined that this disinfectant was effective in concentrations which were practicable for cutting compound and slightly less satisfactory for cutting oils. The plant reports that for the six months ending December 31, 1926, "in no case have we had an infected injury to anyone who has been using a cutting oil or compound mixed with the disinfectant."

VENTILATION

The report on the investigation into ventilating conditions in a large pulp and paper plant referred to in last year's report has been completed. This report shows that ventilating conditions in the paper machine and grinding rooms were not good. The examination of the few men available showed some effects from these conditions. Recommendations for improvement in the grinding room were made. In the paper machine room it was suggested that conditions could not be improved unless the process was separated from the general ventilating system.

After inquiry into the situation obtaining generally regarding ventilation in the large pulp and paper plants of north western Ontario, which showed that conditions varied considerably from plant to plant, these observations are being continued in another pulp and paper plant.

A number of cotton and wool plants were visited to determine how far the processes necessitated work under conditions of high temperature and humidity. The conditions appeared to be very much better than those which might be expected from reports of these industries in Great Britain; so that in the meantime none of this work is being done in this industry.

An investigation is proceeding to determine whether any relation exists between the ventilation of school rooms in two schools in Hamilton, as indicated by thermometer and katathermometer readings, and the incidence of respiratory diseases among children at three seasons of the year, fall, winter and spring.

INFECTION OF INJURIES

The Division has made little general progress in the reduction of the amount of infection of industrial injuries. Contact is maintained with certain plants where adequate facilities for dealing with the problem have been instituted. The results in these plants could hardly be more striking than it is and yet the cost of infected injuries under Workmen's Compensation continues to be very high. This infection can be controlled by the provision of adequate first aid facilities with supervision and the enforcement of the rule that all men receiving a break in the skin must report for first aid treatment; for example, a plant previously notorious for the number of infected injuries, employing 800 men for the year 1926, among 1,472 cases of injury had only seven infected cases, which caused a lost time of sixty-eight days and a cost of \$285.

FUMIGATION

Six visits have been made to Northern Ontario to different large operating companies to instruct picked men in the use of cyanogen chloride for the fumiga-

tion of bunkhouses. The method is very effective but dangerous, and all precautions have been taken to ensure that the work will be done in a safe manner. Cyanogen chloride has a tear-gas effect, which serves as a warning and is thus safer to deal with than hydrocyanic acid. When correctly handled it is effective in destroying parasites and bacteria.

INDUSTRIAL WORK IN UNORGANIZED TERRITORY

Report of the work of the Sanitary Inspectors by Mr. White, Provincial Sanitary Inspector, shows how closely this work was related to industry. In the past year, by arrangement with the Ontario Pulp and Paper Safety Association, this work has included an effort to reduce the amount of disability and cost arising from infected injuries in woods operations. The results so far have been gratifying.

DIVISION OF CHILD HYGIENE

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

During the year 1926, the Division activities have largely been centred on the more sparsely settled portion of the province. In doing this it was felt that the advantages of such service as is available, should be first extended to the districts which find it difficult to supply it for themselves. Practically the entire nursing staff have therefore been operating in Northern Ontario. Four of them being assigned to District VII; three in District VIII; four in District VI; and two in District IV. This work has been much appreciated by the local authorities, and has been extremely fruitful in terms of results accomplished.

The supervision of the School Health Service, both in the centres in which this work is under the control of the local school boards, and in those in which the control is vested in the Board of Health, of necessity occupies a very definite amount of the time of the central office staff.

The increasing number of such municipalities and the difficulty in obtaining well-qualified nurses to fill the appointments thus created, necessitates a large amount of instruction being given those occupying such positions. This work is of sufficient importance, however, to warrant the time so spent.

There are now ninety-seven municipalities operating a full-time School Health Service, in twenty-four of which a physician is definitely associated with the work. In sixteen of these the school work done is part of a general public health nursing programme, and in each of these the actual medical examination of the children is done by a physician.

Diagnostic clinics were held during the year in the following centres: Renfrew, Barrys Bay, Bruce Mines, Thessalon, Blind River, Matheson, Leamington, Simcoe, Beaverton, Gravenhurst and Wallaceburg.

The time of the field medical staff has been largely spent in the physical examination of school age children. Dr. Cockburn, who had been employed in the James Bay district, severed her connection with the Department during the year. This was to be regretted, as Dr. Cockburn was doing an extremely useful and more or less unique piece of work among the isolated settlers in the extreme north.

The Division has continued to maintain the closest co-operation with the Department of Education, supplying such medical service as has been requested from time to time, by the Inspector of Auxiliary Classes.

DIVISION OF SANITARY ENGINEERING

A. E. BERRY, M.A.Sc., C.E., Ph.D., DIRECTOR

I have the honour to transmit herewith report of the activities of the Sanitary Engineering Division for the year 1926.

Mr. F. A. Dallyn, Provincial Sanitary Engineer since the inception of the office in 1913, and directly in charge of the development and various activities of the Division, left the service in March to enter the field of consulting engineering.

During the past year the various activities of the Division, together with new works, have been carried on, and included the following:

Review of all waterworks and sewerage plans; research and investigations; supervision of all municipal water treatment plants, sanitary surveys and reports; inspection of tourist camps and highway refreshment booths, etc.

WATERWORKS AND SEWERAGE EXTENSIONS

The tabulated list of extensions, alterations, etc., in waterworks and sewerage is attached herewith, and shows a total estimated expenditure of \$27,026,609.39 on these works approved during the year. This includes the issue of 473 certificates of approval.

During the year five new sewage disposal plants of the activated sludge type were put into service. These included Cochrane, East York Township (Todmorden-Greenwood plant), St. Thomas, Peterborough and London (south end).

In the water-treatment field filters were put in operation at Welland, Essex Border (Windsor), St. Catharines, Belle River and Rouge Hills. Chlorination was also applied for the first time at Belle River, Rouge Hills, Ignace, Erie Beach, Owen Sound and Crystal Beach.

Supervision of Water Supplies:

The Division has continued its supervision of municipal water supplies through periodic inspections by engineers. By this means the operators are enabled to exercise efficient control over the treatment process. Ortho-tolidin and colour standards are supplied by the Department. These inspections reveal many instances where alterations in treatment are necessary for best results.

Sanitary Surveys:

Sanitary surveys were made during the year in the following twenty municipalities, making a total of 177 since this work was instituted in 1920. This information is set out in Table No. 1.

TABLE No. 1
SANITARY SURVEYS, 1926

No.	Name of Place	Date	Pop.	Prem.	Town Water	Privies	Septic Tanks	Chemical Toilets	Private Sewage Outfalls	Wells	Sewer Connections
1	Mimico.....	June 15, 16....	5,299	1,530	1,433	208	15	3	.....	57	1,298
2	Humbermount.....	June 28.....	.....	63	.....	19	30	12	.....	38	.....
3	Tottenham.....	July 5.....	500	189	132	131	41	2	.....	33	.....
4	Beeton.....	July 6, 7.....	569	179	160	116	64	1	.....	10	.....
5	Alliston.....	July 8, 9.....	1,375	460	273	240	197	.....	12	133	.....
6	Coldwater.....	July 9.....	625	178	156	90	18	.....	44	3	(storm sewer)
7	Port McNicoli.....	July 7, 8.....	680	196	24	128	32	.....	11	89	.....
8	Victoria Harbour.....	July 5, 6.....	1,417	323	22	307	14	.....	3	106	.....
9	Ridgeway.....	Sept. 20, 21, 22	700	282	.....	209	85	1	.....	148	.....
10	Orangeville.....	Sept. 27, 28....	2,700	726	658	383	264	1	7	36	55
11	Creemore.....	Sept. 29.....	600	234	178	118	106	.....	.....	41	.....
12	Stayner.....	Sept. 30.....	927	315	218	209	96	.....	.....	76	.....
13	Barrie.....	Oct. 4, 5, 6....	7,500	1,945	1,780	582	68	1	.....	64	1,286
14	Bradford.....	Oct. 7.....	1,000	292	.....	254	33	1	.....	163	.....
15	Paris.....	Oct. 11, 12....	4,200	1,122	1,078	643	434	1	39	35	22
16	St. George.....	Oct. 13.....	550	174	75	110	49	.....	.....	51	.....
17	Waterford.....	Oct. 14.....	1,100	379	114	296	200	1	.....	164	.....
18	Elora.....	Oct. 18, 19....	1,100	365	.....	301	63	6	7	205	.....
19	Drayton.....	Oct. 20, 21....	568	200	.....	148	33	3	.....	87	.....
20	Gore Bay.....	Oct. 7, 8, 9....	700	171	80	121	32	4	.....	28	.....

The information collected in these surveys continues to prove valuable to both the municipalities and the Department. The maps show at a glance points of sanitary significance in the municipality, and the reports indicate how these conditions may be improved.

TOURIST CAMPS AND REFRESHMENT BOOTHS

In order to cope with the increasing problem of sanitation in tourist camps and highway refreshment booths, minimum requirements for approval were adopted by the Government. These standards do not prohibit the operation of any camps or booths, but provision is made to issue approvals to those which come up to these standards. During the season inspections were made by the district officers and engineers on all the camps and booths in the Province. Nearly 350 camps were inspected, and of these only forty received approval. This is a low percentage, but will undoubtedly be increased as the standards and their significance become better known to the operators and the travelling public. Similarly 620 refreshment booths were visited, and fifty-five received approval.

In future it should be possible to give greater publicity to this programme, and to show the tourists the advantages of patronizing these camps and booths only.

The standards adopted are as follows:

MOTOR TOURIST CAMPS

Minimum Requirements for Approval by the Department of Health of Ontario

The following standards for motor tourist camps shall apply as a minimum for the granting of approval, in all parts of Ontario.

Definition.

A motor tourist camp shall be considered as any area set apart for the accommodation of motor tourists and operated with or without charge.

Certificate of Approval.

All camps in which camping facilities are found, by the authorized inspector, to comply with these standards shall be given a certificate of approval, signed by the Honourable the Minister of Health and countersigned by the inspector. The authorized inspector shall be the District Officer of Health or some other officer or officers of the Department appointed for the purpose.

Registration.

At every approved motor tourist camp a register shall be kept in which all guests remaining over night shall be registered, specifying the date of stay and home address, and such register shall be open for inspection.

Supervision.

Every approved camp shall be under continuous supervision of an attendant who shall exercise every reasonable effort to keep the camp in a clean and sanitary condition, to maintain conventional conduct, and to afford every reasonable protection to those using the ground or equipment for camping purposes.

A list of approved motor tourist camps will be kept by the Provincial Department of Health, and will be open to the public and available for reference.

Site.

Every approved motor tourist camping ground shall be located on a site that is well drained and not in an environment prejudicial to health.

Camping Space.

Sufficient camping space shall be provided to avoid overcrowding.

Water Supply.

Every approved motor tourist camp shall be provided with an adequate water supply from a source which meets the requirements of the Provincial Department of Health. Where a supply from an approved municipal source is not available, water may be obtained from properly protected wells, springs or other sources approved by the Provincial Department of Health. The supply shall be readily available for camp use, and shall be clearly placarded as the camp water supply.

Sewerage.

If a municipal water supply or a private water supply under pressure is available, flush toilets may be provided having suitable means of disposal. Where no such water system is available, chemical toilets with buried containers or privies may be used. The chemical toilet shall be emptied and recharged with suitable caustic solution as necessary. Privies shall be fly proof and of the approved pail type, using pails of heavy galvanized iron, or in a dry sandy location, pit privies, at least six feet deep, may be permitted. The sanitary conveniences must, under no circumstances, be located so as to provide any possible danger to the camp water supply.

Sanitary Conveniences.

Sufficient toilet accommodation, properly designated, shall be provided in each camp for each sex.

Care of Sanitary Conveniences.

All seats in sanitary conveniences shall be thoroughly scrubbed daily with suitable soap or alkali solutions. Each pail or pit privy shall be provided with a scoop and receptacle of half bushel capacity containing dry earth, ashes, sand,

sawdust or other absorbent material. Instructions shall be posted in the privy requesting the use of this material, and the supervisor of the camp shall cover all exposed material in the container at least twice each day. All privies shall be equipped with self-closing tight-fitting doors, fly-proof seats, and provision for removing the contents by raising the seat-boards. The designation and screening of sanitary conveniences shall be subject to the approval of the inspector.

Nightsoil.

Nightsoil from all pail privies shall be removed daily and suitably disposed of either by incineration, dumping into municipal sewers or buried in narrow deep trenches, eighteen inches to twenty-four inches deep, and twelve inches wide. The deposited material shall be immediately covered with earth to a depth of at least nine inches.

Refuse.

Covered water-tight metal receptacles shall be provided in convenient locations for depositing refuse and camp litter. All refuse shall be collected daily and buried, or burned and buried. Sand traps shall be provided for the reception of the contents of kettles and other moist wastes. Burning of refuse shall be in an incinerator at least eighteen inches in diameter, with the grates raised at least six inches off the ground.

Lighting.

All sanitary conveniences in camps shall be properly lighted from dusk until dawn.

Cooking Facilities.

Where cooking facilities are provided covered garbage pails shall be available, and where facilities are enclosed the building shall be adequately lighted, ventilated and screened against flies and shall be kept clean.

Laundry.

Laundry operations shall not be carried on in natural waters adjacent to camp.

Bathing Facilities.

Where bathing facilities are provided and the depth of current in the water is such as to require it, suitable warning signs shall be posted and life-saving appliances shall be provided. Warning signs shall be posted adjacent to diving boards indicating the depth of water.

Cancellation of Approval.

Any certificate of approval for a motor tourist camp shall be issued only for the current year, and shall be subject to cancellation at any time for non-fulfilment of these requirements.

These standards, passed by Order-in-Council and approved by His Honour the Lieutenant-Governor, to become effective on and after July 8th, 1926.

REFRESHMENT BOOTHS

Minimum Requirements for Approval by the Department of Health of Ontario *Definition.*

A refreshment booth shall include any restaurant, tea room or other stand where food and refreshments are offered for sale.

Meats.

No meats other than canned goods shall be sold or offered for sale either in sandwiches or other forms, except where adequate refrigeration is maintained.

Milk.

Milk shall be sold only where refrigeration is maintained, and the temperature of the milk shall at no time exceed 50° F. The Department recommends the use of pasteurized milk in sealed containers.

Soft Drinks.

No soft drinks shall be made up or sold on premises not having an approved source of water supply.

Serving Containers.

The use of glass or china containers or serving dishes shall be permitted only where approved arrangements for washing are used. The Department recommends the use of sanitary paper cups and utensils. Suitable receptacles with drainage shall be provided for the liquid contents of slop pails.

Protection of Containers.

Cones, straws and paper utensils used in the serving of food or refreshments shall not be exposed to flies or dust at any time, and no cone, straw or paper utensil shall be re-used. The screening of refreshment booths from flies is urged by the Department of Health.

No person suffering from any communicable disease, including the common cold, shall continue to serve in any such refreshment booth, nor shall any contact from communicable disease serve in a refreshment booth during the period of quarantine for such disease.

Certificate of Approval.

All refreshment booths in which facilities are found by the authorized inspector to comply with these standards shall be given a certificate of approval signed by the Honourable the Minister of Health and countersigned by the inspector.

Cancellation of Certificate.

Any certificate of approval for a refreshment booth shall be issued only for the current year, and shall be subject to cancellation at any time for non-fulfilment of these requirements.

These standards, passed by Order-in-Council and approved by His Honour the Lieutenant-Governor, to become effective on and after July 8th, 1926.

CERTIFICATES ISSUED RE SEWER EXTENSIONS FOR THE YEAR 1926

Municipality	No. of Certificates Issued	Extension	Disposal	New
Anderton Township.....	1	\$7,840 00		
Arnprior.....	1	651 25		
Barrie.....	1	252 90		
Belleville.....	4	49,627 80		
Bowmanville.....	1	7,072 75		
Brantford.....	1	20,722 98		
Bridgeburg.....	2	4,328 93		
Burlington.....	2	2,456 75		
Calvert Township (Ansonville).....	1	44,000 00		
Carleton Place.....	1	38,878 75		
Cornwall.....	1	4,233 00		
Crowland Township.....	1	566 80		
Crystal Beach.....	6	43,323 85		
Dunnville.....	3	3,081 24		
Eastview.....	3	19,545 00		
East York Township.....	14	591,514 15	\$234,300 00	
Elmira.....	2	1,026 70		
Etobicoke Township.....	2	1,250 00		
Ford City.....	3	200,817 55		
Fort Erie.....	1	19,506 84		
Fort Frances.....	3	29,090 38		
Fort William.....	15	86,910 49		
Gananoque.....	7	16,311 08		
Goderich.....	2	2,076 59		
Guelph.....	2	21,183 00		
Grantham Township.....	1	1,003 00		
Haileybury.....	1	2,828 30		
Hamilton.....	6	703,845 00		
Kapuskasing.....	3	22,993 60		
Kincardine.....	1	22,000 00		
Kingston.....	3	3,758 12		
Kingsville.....	2	4,179 84		
Kitchener.....	2	29,495 21		
London.....	8	46,841 02		
London Township.....	1	3,704 80		
Lindsay.....	1	3,546 00		
Midland.....	1	21,450 00		
Mimico.....	11	57,104 31		
Napanee.....	3	9,901 42		
Nepean Township.....	6			\$27,215 15
New Toronto.....	4	12,140 44		
Niagara Falls.....	3	8,535 07		
North Bay.....	5	35,445 52		
North York Township.....	1	7,000 00		
Orillia.....	1	291 68		
Oshawa.....	5	41,417 15		
Ottawa.....	7	29,234 67		
Pembroke.....	2	3,785 70		
Peterborough.....	2	6,670 40		
Petrolia.....	1	3,330 00		
Port Hope.....	1	13,950 64		
Preston.....	2	2,214 03		
Riverside.....	4	251,220 60	16,800 00	
St. Catharines.....	2	4,257 00		
St. Thomas.....	1	1,500 00		
Sandwich.....	8	20,471 35		
Sandwich East.....	4	175,550 85		
Sandwich West.....	3	84,343 76		
Sault Ste. Marie.....	1	2,734 20		
Sarnia.....	1	6,168 00		
Simcoe.....	1	2,135 00		
Smith's Falls.....	10	43,016 90		
Stamford Township.....	7	32,103 61		
Stratford.....	3	50,930 40	50,000 00	

CERTIFICATES ISSUED RE SEWER EXTENSIONS FOR THE YEAR 1926—*Continued*

Municipality	No. of Certificates Issued	Extension	Disposal	New
Sudbury.....	2	\$41,150 00		
Sunnidale Township (Wasaga Beach)	1		\$2,340 00	
Thornbury.....	1	35,000 00		
Timmins.....	1	5,850 00		
Tisdale Township (Schumacher)....	3	6,331 65		
Toronto.....	42	4,723,659 98	576,000 00 (Preliminary)	
Walkerville.....	4	50,124 01		
Weston.....	4	10,669 00		
Windsor.....	6	130,331 94		
Woodstock.....	3	1,234 00		
York Township.....	27	1,595,450 57		
Totals.....	302	\$9,587,167 52	\$879,440 00	\$27,215 15

CERTIFICATES ISSUED RE WATERMAIN EXTENSIONS, PURIFICATION, ETC.,
FOR THE YEAR 1926

Municipality	No. of Certificates Issued	Extensions	Purification	New
Belle River	2			\$75,000 00
Bertie Township	3	\$30,959 40		
Burlington	1	835 00		
Carleton Place	1	12,236 25		
Calvert Township (Ansonville)	1	16,000 00		
Chippawa	1	11,000 00		
Crystal Beach	2	7,344 54		
East York Township	5	39,734 00		
Elmira	1	4,000 00		
Elmvale	1			30,000 00
Essex Border Utilities Commission	1	275,000 00		
Etobicoke Township (Long Branch)	15	52,305 00		
Ford City	3	38,367 00		
Fort William	7	41,202 72		
Gananoque	11	18,851 66		
Grimsby	1	19,340 00		
Grantham Township	1	5,037 00		
Haileybury	2	3,525 20		
Hamilton	8	92,728 25		
Humberstone	1	13,179 75		
Kapuskasing	2	17,005 22		
Kitchener	2	12,843 22		
Lindsay	1	5,011 04		
Listowell	1	11,440 19		
London	3	67,801 50		
Maidstone	1			78,686 00
Midland	1	32,512 00		
Mimico	2	3,220 00		
Nepean Township	5			15,688 30
Niagara Falls	1	44,649 11		
Norwich	1	6,588 25		
Ottawa	1	20,000 00		
Owen Sound	1	7,000 00		
Pembroke	1	5,163 00		
Perth	1	9,000 00		
Peterborough	2	9,231 73		
Port Arthur	1	40,000 00		
Riverside	3	20,957 80		
Rouge Hills	1			14,045 68
Sandwich	7	14,695 79		
Sandwich East	4	44,719 25		
Sandwich West	6	48,381 45		
Sarnia	1	1,717 00		
Scarborough Township	1	8,235 00		
Smith's Falls	1	14,000 00		
Stamford Township	2	11,313 31		
Stratford	1	4,073 65		
Sturgeon Falls	1	26,252 76		
Sudbury	3	13,328 99		
Teck Twp. (Kirkland Lake Townsite)	1	119,693 54		
Tecumseh	2	25,074 90		
Thorold	2	58,939 23		
Timmins	1	24,800 00		
Tisdale Township	4	20,871 01		
Toronto	20	375,754 41	\$14,317,000 00 (Preliminary)	
Waterloo	1	19,247 69		
Weston	1	1,193 00		
Waterdown	1	20,000 00		
Waterford	1	3,532 38		
Wheatley	1			84,004 00
Whitby	1	2,035 55		
Wingham	1	4,500 00		
York	8	71,928 00		
Totals	170	\$1,928,355 74	\$14,317,000 00	\$297,423 98

SUMMARY

	Applica- tions	Estimated Cost
Re Waterworks:		
Extensions to existing system.....	164	\$1,928,355 74
Purification of water supplies.....	1	14,317,000 00
New systems.....	6	297,423 98
Total.....	171	\$16,532,779 72
Re Sewerage:		
Extensions to existing systems.....	296	\$9,587,167 52
Treatment works.....	5	879,440 00
New sewerage systems.....	1	27,215 15
Total.....	302	\$10,493,822 67

The total number of applications favourably reported upon re waterworks and sewerage for the year was 473, and involves an estimated expenditure of \$27,026,609.39.

ANNUAL REPORT OF REGISTRAR GENERAL'S BRANCH
S. J. MANCHESTER, Director

The Registrar General's (Vital Statistics) Branch has had an active year. Approximately 170,000 registrations of births, deaths and marriages were received, checked and indexed for reference.

During the year some 57,521 official certificates were issued. Some 61 per cent. of these, or 17,245, were issued for emigration purposes and the balance, 39 per cent., or 22,691, for other purposes where proof of age or citizenship was required.

Besides these official certificates about 4,200 certificates were issued for Mothers' Allowances purposes; about 750 in connection with the Adoption Act; for the Federal Immigration Department about 700; for the D.S.C.R., some 350; for the Soldiers' Aid Commission about 100; and for other purposes such as insurance, athletics, etc., about 40,100. Besides these, searches were made for local police authorities and other references of which no account has been kept, involving altogether something between 56,000 and 58,000 searches.

The Branch registered about 7,000 births by declaration which had not previously been registered.

Over \$83,000 was received as net revenue.

The Statistical Report of Births, Marriages, and Deaths is issued under a separate volume and may be had on application to the Department.

DIVISION OF DENTAL SERVICES
F. J. CONBOY, D.D.S., Director

Disease is on a daily rampage. Millions of men, women and children suffer from it and thousands of our best citizens are the victims of preventable diseases. Health workers are, however, carrying on a valiant battle against this common enemy and the most cheerful phenomenon in the recent history of civilization is the progress in the knowledge of preventive medicine and its application in social practice.

One of the most important advances in this connection has been the discovery of the relationship between areas of infection in a localized part of the body and general ill health. It is now known that a number of the degenerative diseases that cause the death of so many people of middle life have their inception in these so-called focal infections. Recent investigation has proven that abscesses at the ends of the roots of teeth and pyorrhea pockets may be numbered among the most common locations for primary infection and from these areas, bacteria and poisons enter the circulation and are carried to some other part of the body where they set up a secondary lesion. It was for the purpose of combating this enemy of public health that the Division of Dental Services was organized and the results achieved during the past year have more than justified its existence. Our work consisted chiefly in the dental health education of the people and the establishment of free dental services for those who could not pay regular dental fees. Our efforts have been enthusiastically received and well supported.

A number of new school clinics have been organized during the year and several hospitals have established small dental departments. Factory workers have had dental examination and services have been started in orphanages and homes. The dental survey begun last year was continued and arrangements made so that itinerant dentists would visit the outlying districts.

The dental health educational work was promoted in a most aggressive manner. The dentists in all parts of the province volunteered to give illustrated lectures to audiences of school children and their parents and to address meetings of women's institutes, service clubs and other such organizations. The motion picture films were in great demand and the dental plays were used frequently.

The mouth health educational campaign culminated in the Ontario Dental Health Day, held on October the 20th.

The Ontario Dental Health Day was organized by the Ontario Department of Health for the purpose of bringing to the attention of the people the harmful results caused by diseased mouth conditions, and informing the public, so they may be in a position to assist in connection with the prevention of dental diseases.

The Department found the various health, educational and social welfare organizations quite willing to assist, and the following agencies lent their active co-operation: The Ontario Medical Association, The Ontario Dental Association, The Canadian Dental Hygiene Council, The Registered Nurses' Association of Ontario, The Red Cross Society (Ontario), The School Health Section of the Ontario Educational Association, The Imperial Order Daughters of the Empire, The Ontario Social Hygiene Council, The Ontario Retail Druggists' Association, The Home and School Clubs, The Women's Institutes, The Service Clubs, The Toronto Film Board, The Radio Stations, The Ontario Retail Merchants' Association, The Dental Dealers, The Manufacturers of Mouth Health Products,

The Churches, The Young Men's Christian Association, The Young Women's Christian Association.

We also enjoyed the support of the majority of the newspapers and a number of magazines.

The activities arranged included:

1. MOTION PICTURES IN THEATRES AND TOWN HALLS

The Ontario Motion Picture Bureau provided two hundred and twenty-five prints of a special Ontario dental health film. The scenes for the picture were prepared and staged by the Toronto Department of Health, and the prints were distributed by the various exchanges through the Ontario Motion Picture Distributors. By this arrangement the necessity of providing heavy metal boxes (as required) for shipping these films was obviated. They were sent by the exchanges to the theatres as part of the weekly consignment.

The Ontario Motion Picture Bureau also provided five regular length standard and six Pathescope size films. These, with a number of standard and Pathescope pictures in the possession of the Department of Health, enabled us to supply programmes for matinees and public meetings. All the large theatres in the Province showed the special film.

2. RADIO MESSAGES

A radio message was broadcasted from each radio station in Ontario and from four in the United States. In Toronto, the people who listened in, heard talks on dental health on five consecutive nights, three messages were sent out from Hamilton and a number from Ottawa. London, Brantford, Preston, Prescott and Bowmanville were other centres from which messages were sent.

3. PUBLIC ADDRESSES

Special speakers were provided for service clubs, women's institutes, home and school clubs, church organizations, and other groups. Talks were given in ops and factories and public meetings held.

4. WORK IN SCHOOLS

Each teacher in the public and separate schools gave a mouth hygiene lesson. Special booklets (Dental Guide) containing modern material on the subject were given to the teachers. Essay and art competitions were held and prizes given. The high school students were addressed by dentists. The public school inspectors co-operated in a most enthusiastic manner, and members of the profession addressed the Teachers' Institutes, which met a few weeks before the Health Day in order to inspire the teachers to give their best co-operation to the campaign.

5. THE DENTAL PLAY: "A BAD BABY MOLAR"

Forty-five sets of scenery for this play were sent out to different parts of the province. The set consisted of a copy of the play, a large picture of the face, the patterns for the teeth, instructions for the preparation of the scenery and a photograph. The large paintings of the face were painted by a local artist. The paper was then cut into sections and the whole enclosed in a suitable folder. The play was presented at mass meetings of school children held in the afternoon and to parents' meetings in the evening.

6. FREE DENTAL EXAMINATION AND ADVICE

The dentists of the province supplied free dental examination and advice, including instruction in mouth hygiene to all who requested this service on Dental Health Day. In the larger centres special clinics were organized while in the smaller places the dentists received the people in their own offices. Besides giving this service, the members of the profession made a dental survey of forty thousand children. Free X-ray pictures were taken for the patients in the larger clinics.

7. CO-OPERATING AGENCIES

One of the most encouraging features of the Ontario Dental Health Day campaign was the spirit of co-operation on the part of lay organizations. The insurance companies prepared and distributed interesting and instructive dental health folders to their policyholders. One company sent out one hundred thousand of these booklets. Letters requesting the local branches of the various organizations to have a part in the effort in each municipality were sent out by the provincial officers of the service clubs, Imperial Order Daughters of the Empire, Women's Institutes, home and school clubs, and others. The United Church of Canada sent a communication and booklet to each minister in Ontario, and the Presbyterian Church rendered valuable assistance. The local committees found it easy to get the assistance of the local branches when they had received such a communication from their own executive officers.

8. GENERAL PUBLICITY

The general publicity was provided by posters, automobile stickers, newspaper advertisements placed by manufacturers and distributors of pure food articles and mouth toilet preparations, dental health articles in the press, attractive window displays and slogans on sign boards. The only difficulty experienced in connection with the whole campaign was to get the support of some of the newspapers. They felt that they should be paid for publicity of this kind. Nevertheless newspaper articles, prepared by the Department, appeared in the vast majority of the papers.

9. GOVERNMENT DEPARTMENTS AND OFFICIALS

The Ontario Department of Health had the support and assistance of the other branches of service in arranging for this undertaking: the Department of Agriculture, through the Women's Institute Branch and district representatives, the Department of Education, through the public and separate school inspectors, and the Teachers' Institutes, and then the other divisions of the Health Department. The plan was worked out so that a new body of workers would be put at the task at different times as the undertaking progressed, the dentists, physicians, nurses, social welfare workers, school teachers and medical officers of health being brought in in turn, and thus a helpful interest was maintained throughout the entire campaign.

10. PRELIMINARY ARRANGEMENT

From the standpoint of real dental health education we are convinced that the work done in organizing the effort is just as valuable as the Dental Health Day activities. The thousands of letters sent to the leaders in the various walks of life, the addresses given at conventions, and all the work done to secure support, must do much to promote better dental health, and even the dentists who were

called upon to give public addresses will profit by the study they gave to the subject of Mouth Hygiene. Fifty-five sets of slides and twenty sets of charts were sent to members of the profession to assist them in presenting the subject of Dental Health to the people.

All the activities arranged for the Ontario Dental Health Day were of an ethical nature. We made no effort to stage a big show, but carried through the arrangements in a quiet, dignified way. At the same time we organized the work so that our dental health message would be presented to all classes of our citizens. The Department is glad to know that in this province-wide effort they enjoyed and still have the confidence and support of the professions and organizations interested in the health and education of the people.

It was felt by all those interested in the Ontario Dental Health Day that we should make an earnest effort to get permanent benefits from the results of this campaign. Consequently, a number of conferences have been held between the various dental organizations and the Division of Dental Services of the Department of Health. The concensus of opinion seems to be that the Department of Health should accept responsibility for public dental health education and that free dental treatment should be under the control of the profession of dentistry. Much can be done to protect mouth health if the programme for the prevention of dental diseases can be presented to the people in a convincing manner. The Department of Health has the organization for doing this work efficiently and with the co-operation of the dentists, success is assured. Booklets, slides, films and displays of different kinds must, of course, be purchased but the benefit which the public will derive from this educational work will more than compensate for the expense involved.

Dental health education in itself is not sufficient. Preventive dentistry includes oral prophylaxis and the correcting of defects. Many people are unable to pay for this service and some form of free dental service must be provided. The dentists of the province have offered to give their time gratuitously to operate community clinics in the hospitals, and if sufficient financial assistance can be secured to enable the hospitals to supply the equipment and material, many such departments will be organized during the coming year. The school population in many of our rural centres is too small to justify the establishment of a school clinic and the hospital service seems to be the ideal way of supplying dental treatment for the people of all ages who require assistance of this kind.

Starting out on the New Year we are glad to report that we look forward with confidence to the expansion of the work and to future accomplishments which will bring a larger measure of health and happiness to the people of Ontario.

DIVISION OF PUBLIC HEALTH EDUCATION

LITERATURE

During the year literature was distributed as follows: 10,016 Baby Books, 4,000 Bulletin No. 9, 13,000 Communicable Disease Pamphlets, 15,000 Proper Care of the Teeth, 20,000 Health Almanacs; grand total, 73,016.

ONTARIO HEALTH OFFICERS' ASSOCIATION

Ontario Health Officers' Association met in their twelfth annual conference, 243 registrations being made. The Canadian Public Health Association and the Canadian Social Hygiene Council met at the same time. The result was a most satisfactory programme. The guests of the convention were Professor C. E. A. Winslow, of Yale University, President of the American Public Health Association; Professor Haven Emerson, Professor of Public Health Administration, Columbia University; and Dr. George E. Vincent, President of the Rockefeller Foundation. The following executive was elected: Honorary President, Honourable Dr. Forbes Godfrey; President, Dr. T. W. G. McKay, Medical Officer of Health, Oshawa; First Vice-President, Dr. W. J. Cook, Medical Officer of Health, Sudbury; Second Vice-President, Professor James Miller, Director Branch Laboratory, Queen's University, Kingston; Secretary, M. Power, Provincial Department of Health.

CANADIAN NATIONAL EXHIBITION, TORONTO

The Ontario Government Building was formally opened and housed the exhibits of the various departments, the Public Health Section being in the western half of the main wing in a space 150 feet long by 42 feet wide.

The Division of Sanitary Engineering designed a model tourist camp in miniature and a sample refreshment booth, together with wall exhibits on milk, water and flies.

The Division of Dental Services undertook dental examinations (including X-rays where necessary) and a total of 1,000 people availed themselves of this service.

The Division of Child Hygiene confined its activities to the distribution of literature and the showing of an interesting map of Healthland.

The Division of Industrial Hygiene emphasized graphically the advantage of adequate health examination in industry in contrast with the heavy load of cost resulting from lack of attention in this respect.

The Division of Vital Statistics designed their display to attract attention to the matter of birth registration.

The Division of Preventable Diseases co-operated with the Division of Laboratories in a very fine exhibit. X-ray films showing (a) normal lungs, (b) diseased lungs, (c) healed lesions, were most popular and shows that the public generally is very interested in tuberculosis.

For the first time the Department did not maintain a motion picture exhibit, but health films were shown in the small theatre, together with those from other Government departments.

FALL FAIRS

Assistance was rendered in connection with fall fairs in the following centres:

FAIRS AND EXHIBITS

May 17th.....	Toronto.....	Ontario Dental Association Annual Meeting.
May 31st to June 5th.....	Hamilton.....	Produced-in-Canada Exhibition.
Aug. 14th-15th.....	Brockville.....	Fall Fair.
Aug. 28—Sept. 11.....	Toronto.....	Canadian National Exhibition.
Sept. 22-24.....	Simcoe.....	Fall Fair.
“ 23-24.....	Kemptville.....	Fall Fair.
“ 23-24.....	St. Marys.....	Fall Fair.
“ 28th.....	Sault Ste. Marie.....	Fall Fair.
“ 29th.....	Ancaster.....	School Fair.
Oct. 6-7th.....	Teeswater.....	Fall Fair.

HEALTH FILMS

The report of Mr. E. H. Jones follows.

The following is a list of places where films and exhibits have been shown by the Department during the year 1926, also a memorandum of the attendance in each place.

1926	Place	Auspices	Attendance	School children
Jan 3	Toronto.....	Jewish Girls' Club.....	300	.....
“ 18	Bartonville.....	District Officer of Health.....	250	400
“ 19	Aldershot.....	District Officer of Health.....	50	200
“ 26	Birchcliffe Heights.....	Home and School Club.....	100	.....
“ 28	Cornwall.....	Division of Dental Services.....	.....	700
Feb. 1	Kingston.....	“ “ “ “.....	200	500
“ 5	Bowmanville.....	“ “ “ “.....	.....	450
“ 7	Toronto.....	Jewish Girls' Club.....	.....	.....
“ 9	“.....	Girls' Club, Earl St.....	50	.....
“ 23	Leaside.....	Division of Dental Services.....	100	.....
“ 25	Toronto.....	Sherbourne House Dental Services.....	300	.....
“ 26	Grimsby.....	District Officer of Health.....	.....	400
Mar. 2	Kemptville.....	“ “ “ “.....	150	300
“ 5	Toronto.....	Division of Dental Services.....	200	.....
“ 14	“.....	“ “ Preventable Diseases.....	200	.....
“ 25	Eganville.....	“ “ Child Hygiene.....	100	300
“ 30	Niagara Falls.....	“ “ Dental Services.....	.....	400
April 14	Toronto.....	Craft Club.....	200	.....
May 3	Aurora.....	Public Health Nurse.....	.....	250
“ 10	Toronto.....	Home and School Club.....	200	.....
“ 12	“.....	Canadian Social Hygiene Council.....	300	.....
“ 19	Kirkland Lake.....	Division of Child Hygiene.....	100	300
June 8	Newcastle.....	“ “ Dental Services.....	.....	400
“ 15	Birchcliffe Heights.....	“ “ Child Hygiene.....	150	.....
July 29	Bala.....	Department of Health.....	250	.....
Oct 1	Port Hope.....	Division of Dental Services.....	.....	400
“ 18	Orillia.....	“ “ “ “.....	100	500
“ 20	Toronto.....	“ “ “ “.....	300	.....
“ 20	Birchcliffe.....	“ “ “ “.....	.....	100
“ 20	Whitby.....	“ “ “ “.....	400	.....
Nov. 30	Toronto.....	Evangel Hall, Division of Preventable Diseases.....	150	.....

DIVISION OF LABORATORIES
C. M. ANDERSON, M.D., C.P.H., DIRECTOR

I have the honour to submit the following report and tabulated statements of the work of the Public Health Laboratories for the year 1926.

TABLE I.

Table showing number of specimens examined at the Main Laboratory and at the eight branch laboratories, throughout the Province for the year 1926.

Sections of the Laboratory	Toronto	London	Ottawa	Sault Ste. Marie	Kingston	Ft. William	Peterboro	North Bay	Owen Sound	Total
<i>(a) BACTERIOLOGY</i>										
Diphtheria cultures.....	6,054	3,220	5,118	175	730	2,063	475	569	246	18,650
Tuberculosis: Sputum.....	2,471	1,319	847	149	576	405	368	517	322	6,974
Typhoid bloods.....	746	949	232	11	245	88	63	129	40	2,503
Typhoid feces.....	54	67	3	2	.....	1	1	.....	.....	128
Suspected rabies.....	30	1	.....	.....	.....	.....	.....	.....	.....	31
Gonorrhoea.....	3,136	1,146	1,627	950	477	662	445	531	369	9,343
Water colon bacilli & counts.	2,967	1,065	2,925	3,148	588	1,177	1,261	1,046	644	14,821
Milk plate counts.....	426	1,330	1,257	1,800	141	135	340	398	.....	5,827
Miscellaneous bacteriological examinations.....	560	1,036	89	109	341	296	299	.....	13	2,743
<i>(b) SEROLOGY</i>										
Treponema pallida dark field	5	.....	8	6	3	10	.....	.....	.....	32
Colloidal gold reaction.....	386	342	33	2	.....	12	.....	.....	.....	775
Wassermann reaction.....	19,570	7,917	3,793	428	2,115	826	.....	.....	.....	34,649
Kahn precipitation tests....	19,184	7,343	3,354	.....	2,115	.....	.....	.....	.....	31,996
<i>(c) CHEMISTRY</i>										
Blood sugar determinations.	1,175	39	58	21	22	41	53	6	33	1,448
Water-chemical examinations.....	47	686	.....	1	.....	.....	.....	.....	.....	734
Milk-chemical examinations	437	881	1,329	632	.....	436	624	398	140	4,877
Coal-samples for Provincial Secretary's Department..	556	.....	.....	.....	.....	.....	.....	.....	.....	556
Alcoholic liquors—for Liquor License Department.....	3,292	.....	.....	.....	.....	.....	.....	.....	.....	3,292
Miscellaneous chemical examinations.....	216	64	1,145	95	.....	13	256	80	49	1,918
Total examinations....	61,312	27,405	21,818	7,529	7,353	6,165	4,185	3,674	1,856	141,297

TABLE II.

Table showing the total specimens examined at all laboratories during the years 1911, 1924, 1925, 1926.

Laboratory at	1911	1924	1925	1926
Toronto.....	5,750	40,872	69,607	61,312
London.....		14,546	25,261	27,405
Ottawa.....		12,397	13,669	21,818
Fort William.....		6,199	5,499	6,165
North Bay.....		6,186	3,542	3,674
Kingston.....		5,725	7,651	7,353
Peterboro.....		4,518	4,201	4,185
Sault Ste. Marie.....		4,419	7,889	7,529
Owen Sound.....		2,117	2,311	1,856
Total.....	5,750	96,979	139,630	141,297

TABLE III.

Table showing outfits, vaccines and chemical products supplied during the years 1923, 1924, 1925 and 1926 from the Main Laboratory.

Outfits Sent Out	1923	1924	1925	1926
Syphilis (Wassermann).....	20,336	29,220	41,455	31,770
Gonorrhoea.....	4,611	5,000	4,142	7,125
Water.....	3,180	2,906	3,578	2,518
Diphtheria.....	12,882	14,652	15,611	9,691
Tuberculosis.....	6,859	4,396	6,216	6,230
Typhoid.....	3,491	3,547	2,197	2,551
Blood sugar.....		766	1,429	2,090
Faeces.....		332	212	376
Total.....	51,359	60,819	74,840	62,351
Vaccines and Chemical Products				
Typhoid monovalent vaccine, cc.....			17,750	44,820
Typhoid paratyphoid vaccine, cc.....	30,515	26,661	12,940	
Whooping-cough vaccine, cc.....	40,742	51,385	61,890	65,370
Silver nitrate for prevention of ophthalmia, ampoules.....	23,660	25,471	29,470	29,135
Mercury salicylate, grs.....	10,577	13,235	12,892	11,217
Bismuth hydrate, grs.....			6,556	22,858
Pasteur preventive treatment for rabies, number of persons.....	4	5	3	70

From examination of the above tables the following points should be noted:

1. That the total number of specimens examined by all laboratories of the Department during the year was 141,297.

2. That the total number of diagnostic outfits prepared by the staff of the Main Laboratory was 62,351.

3. That there was an increase of 37.36 per cent. in the work at the Ottawa branch laboratory.

A short summary of the activities of the different sections of the Division of Laboratories follows:

I. BACTERIOLOGY

(a) *Diphtheria Cultures.*

Swabs coming into the central post office were again collected daily at 4 o'clock and brought to the laboratory for culture.

Direct smear examinations were made on all new cases for diagnosis. On any swab showing morphologically typical diphtheria bacilli, the result was wired or telephoned to the physician within an hour of receipt of the swab.

Swabs from new cases on which direct smears were made.....	1,619
Total number of new cases showing diphtheria bacilli on direct smear.....	73
Total number of new cases negative on direct smear, but positive on culture.....	234
New cases negative on both direct smear and culture.....	1,312

From the above figures, it will be seen that we were able to give the physician an immediate diagnosis in 23.89 per cent. of the swabs which contained diphtheria bacilli.

Four hundred and sixty virulence tests were made upon guinea pigs to determine whether organisms found in cultures were toxin-producing diphtheria bacilli. Virulence tests are performed on cultures from patients who have been more than four weeks in quarantine, on contacts and suspected carriers harbouring diphtheria-like bacilli. This practice prevents a patient from being in quarantine any longer than is absolutely necessary to safeguard the public health.

(b) *Typhoid Diagnosis.*

The laboratory distributed two types of outfits:

1. A glass slide on which a drop of patient's blood is placed and allowed to dry.
2. A container with a small tube in which 3 to 5 c.c. of patient's blood is placed.

The second method, though not used as extensively as we had hoped it would, offers many advantages, chief among which is that:

An accurate dilution can be made of the serum from 1-20 up to 1-640 and the exact dilution agglutinating typhoid or paratyphoid organisms can be determined.

(c) *New Blood Culture Outfit.*

We have prepared a new outfit in which physicians desiring a blood culture may submit a sample of the patient's blood to the laboratory for culture.

The outfit consists of two glass vials, each containing 35 c.c. of liquid media; 4 c.c. of the patient's blood are drawn into a sterile syringe; 2 c.c. are placed into each vial of media by puncturing the rubber cap of the vial, previously swabbed with tincture of iodine. The vials are placed in a wooden container and mailed to the laboratory.

The advantage of this outfit is that organisms will survive longer in the media during transit than if the blood were placed into a plain sterile glass tube. Thus the laboratory may be able to aid the physician in making a diagnosis. We feel sure that this outfit will be of value to physicians.

(d) *Rabies.*

During the year we examined thirty animals' heads for Negri Bodies of Rabies. Of this number there were 28 dogs' heads, two horses' heads and one cow's head.

One cow's head, one horse's head and nine dogs' heads showed the presence of typical Negri Bodies of Rabies.

(e) Miscellaneous Specimens.

During the year we examined 560 miscellaneous specimens. This number consisted of culturing swabs taken from abscess formations, spinal fluids for organisms present, specimens of pus for culture and guinea pig inoculation, blood cultures, pneumococcus typing and the preparation of autogenous vaccines.

(f) Preparation of Bacterial Vaccines.

At the main laboratories the following bacterial vaccines were prepared:—

(1) Typhoid Monovalent Vaccine.

This vaccine contains 1,000 million dead typhoid bacilli per cubic centimeter.

(2) Typhoid-Paratyphoid Vaccine.

This vaccine contains:

B. Typhosus.....	1,000 million per cc.
B. Paratyphosus "A".....	500 " "
B. Paratyphosus "B".....	500 " "

The reaction following the administration of the combined vaccine is more severe than with the monovalent vaccine on account of the greater toxicity of paratyphoid organisms. As paratyphoid fever is negligible in Ontario we consider that the typhoid vaccine will give sufficient protection.

(g) Pertussis or Whooping Cough Vaccine.

This vaccine contains 4,000 million Bordet's bacilli per cc.

During the past year we distributed 6,537 10 cc. vials of Pertussis or Whooping Cough Vaccine, which amounted to 358 vials more than the previous year.

Each bottle of vaccine bears the serial number and the date after which the vaccine should be discarded.

II. SEROLOGY

The number of specimens of blood and spinal fluid submitted to the laboratories for the Wassermann reaction showed an increase of 1021 specimens over any previous year.

During January, 1926, Wassermann tests were begun as a routine in the Ottawa branch laboratory and the records show that 3,793 such examinations were made to December 31st. This has relieved the increasing pressure of this work from the central laboratory.

Physicians in Ottawa have not failed to advise us of their appreciation of this additional service and their satisfaction in the results of the tests performed by Dr. Letts.

Kolmer's method has been made a standard test at the laboratories at Toronto, Kingston, London and Ottawa.

III. CHEMISTRY.

The accompanying table shows the amount of work conducted in the Chemical Section of the Division of Laboratories during 1926. For purposes of comparison the work for the year 1925 has been included.

I. Number of samples analyzed:

Milk.....	1925	1926
Blood sugar.....	450	437
Liquor:	534	1,175
1. For alcohol.....	3,123	3,292
2. For medicinal ingredients.....	34	19
Chemical waters.....	20	47
Coal.....	508	556
Urine.....	166	171
Miscellaneous.....	43	45

II. Public Health Products Manufactured:

Mercury Salicylate Suspension:		
1. Number of ampoules.....	9,019	7,421
2. Weight in grains.....	12,892	11,217
Bismuth Hydroxide Suspension:		
1. Number of ampoules.....	2,230	6,681
2. Weight in grains.....	6,556	22,858
Silver Nitrate Ampoules.....	29,470	29,135
For Administration Service:		
1. Ounces of Sterile Distilled Water.....	20,491	20,677
2. Ounces of Normal solution of Sodium Hydroxide.....	1,296	2,414

In addition to the above the Chemical Section prepared the colloidal gold solution, distilled water, both ordinary and ammonia free used by the Bacteriological and Serological Sections. There was also a research conducted to obtain a means of preventing fermentation in fermentable liquors between the time of seizure and analysis.

The table indicates that during 1926 there was quite a marked increase in the number of blood sugar determinations and the amount of bismuth hydroxide suspension distributed, otherwise the work differed little from the previous year.

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN
 NOVEMBER 1ST, 1925, TO OCTOBER 31ST, 1926

Month	Smallpox Vaccine Points	Cost	Diphtheria Antitoxin Units	Cost	Syringes	Cost	Diphtheria Toxoid Individual	Cost	Diphtheria Toxoid for six persons	Cost	Diphtheria Toxoid for twelve persons	Cost
November.....	7,850	\$353 25	27,778-M	\$3,436 52	940	\$188 00	155	\$31 00	52	\$52 00	190	\$190 00
December.....	11,406	513 27	26,227	3,256 38	1,238	247 60	129	25 80	64	64 00	314	314 00
January.....	15,071	678 20	16,922	2,974 85	1,260	252 00	106	21 20	2	2 00	339	339 00
February.....	16,317	734 27	14,846	1,835 24	586	117 20	303	60 60	33	33 00	235	235 00
March.....	12,219	549 86	19,104	2,381 36	1,267	253 40	55	11 00	22	12 00	66	66 00
April.....	9,337	420 17	12,310	1,528 00	503	100 60	66	13 20	22	22 00	114	114 00
May.....	8,201	369 05	12,500	1,544 60	286	57 20	111	22 20	47	47 00	158	158 00
June.....	10,351	465 80	20,416	2,519 64	792	158 40	165	33 00	9	9 00	8	8 00
July.....	5,832	262 44	16,605	2,063 10	594	118 80	88	17 60	1	1 00	110	110 00
August.....	8,790	395 55	21,133	2,602 82	726	145 20	221	44 20	44	44 00	17	17 00
September.....	11,006	495 27	26,093	3,212 02	1,061	212 20	437	87 40	58	58 00	367	367 00
October.....	12,848	578 16	34,901	4,300 14	1,331	266 20	1,778	355 60	256	256 00	641	641 00
Totals.....	129,228	\$5,815 29	248,835-M	\$31,664 67	10,584	\$2,116 80	3,614	\$722 80	600	\$600 00	2,559	\$2,559 00

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued
 NOVEMBER 1ST, 1925, TO OCTOBER 31ST, 1926

Month	Schick Test for 25 persons	Cost	Anti-meningitis Serum vials	Cost	Anti-meningitis Spinal outflts	Cost	Tetanus Antitoxin Units	Cost	Syringes	Cost	Spinal Outflts	Cost	S.F. Antitoxin 15 c.c.	Cost	S.F. Antitoxin 2 c.c.	Cost
November	74	\$14 80	28	\$28 00	6	\$11 00	891,500	\$267 45	55	\$11 00	.....	.....	260	\$585 00	608	\$243 20
December	126	25 20	66	66 00	10	2 80	885,000	265 50	14	2 80	.....	.....	341	767 25	331	132 40
January	103	20 60	112	112 00	10	4 50	836,500	250 95	44	8 80	1	\$0 45	495	1,113 75	579	231 60
February	140	28 00	49	49 00	6	2 70	892,500	267 75	13	2 60	14	6 30	535	1,203 75	1,076	430 40
March	85	17 00	89	89 00	4	1 80	1,164,000	349 20	39	7 80	3	1 35	490	1,102 50	711	284 40
April	49	9 80	38	38 00	8	3 60	636,000	190 80	40	8 00	.....	.....	650	1,462 50	449	179 60
May	72	44 40	94	94 00	18	8 10	1,721,500	516 45	8	1 60	1	.....	345	776 25	609	263 60
June	69	13 80	198	198 00	23	10 35	1,509,000	452 70	71	14 20	.....	.....	227	510 75	410	164 00
July	61	12 00	108	108 00	13	5 85	3,519,500	1,035 85	173	34 60	.....	.....	180	405 00	264	105 60
August	55	11 00	102	102 00	.....	.....	3,973,000	1,191 90	194	38 80	20	9 00	277	423 25	249	99 60
September	246	49 20	89	89 00	13	5 85	2,435,000	730 50	161	32 20	2	90	181	407 25	321	128 40
October	227	45 40	87	87 00	21	9 45	3,624,000	1,087 20	81	16 20	13	5 85	539	1,212 75	772	308 80
Totals	1,307	\$261 40	1,060	\$1,060 00	122	\$54 90	22,087,500	\$6,626 25	893	\$178 60	54	\$24 30	4,520	\$10,170 00	6,379	\$2,551 60

STATEMENT OF BIOLOGICAL PRODUCTS AND INSULIN—Continued

NOVEMBER 1ST, 1925, TO OCTOBER 31ST, 1926

Month	S.F. Antitoxin Syringes	Cost	S.F. Toxin Individual	Cost	S.F. Toxin for six persons	Cost	Dick Test Outfits	Cost	Pasteur Treatments	Cost	Syringes for Treatment	Cost	Typhoid Vaccine c.c.	Pertussis Vaccine c.c.	Silver Nitrate Ampoules	Total Cost
November			242	No charge		261	\$52 20						1,530	3,640	2,475	\$5,452 42
December			885	No charge		264	52 80						1,474	2,710	1,785	5,735 70
January			134	No charge	67	203	40 60		2	\$30 00			2,450	5,700	2,485	6,080 53
February			524	157 20	157	536	\$157 00	107 20	18	270 00			2,120	4,540	1,885	5,697 21
March			587	176 10	109	566	109 00	113 20	4	60 00			2,890	5,660	3,325	5,578 97
April			95	28 50	162	391	162 00	78 20					3,630	5,040	1,800	4,358 97
May			207	62 10	59	182	59 00	36 40	2	30 00			1,200	4,770	2,575	4,060 40
June			268	80 40	21	146	21 00	29 20	4	60 00			7,100	4,877	2,180	4,748 24
July		\$0 20	226	67 80	6	222	6 00	44 40	18	270 00	429	\$85 80	5,470	5,040	2,425	4,774 24
August			102	30 60	48	357	48 00	31 40	14	210 00	356	67 20	3,550	6,270	1,977	5,711 52
September		4 80	206	61 80	98	347	98 00	69 40	5	75 00	120	24 00	2,060	5,260	2,582	6,208 19
October		2 00	233	69 90	61	294	61 00	58 80	2	30 00	37	7 40	3,800	4,720	2,411	9,398 85
Totals	35	\$7 00	3,709	\$734 40	788	3,569	\$721 00	\$713 80	69	\$1,035 00	922	\$184 40	37,274	58,227	27,905	\$67,805 24

Nov. 1-1925, to Oct. 31, 1926

INSULIN

Month	Units	Cost
November.....	580,100	\$3,190.55
December.....	656,800	3,612.40
January.....	666,500	3,665.75
February.....	467,000	2,568.50
March.....	614,500	2,765.25
April.....	456,800	2,055.60
May.....	762,000	3,429.00
June.....	561,100	2,524.95
July.....	684,500	3,080.25
August.....	531,800	2,393.10
September.....	682,500	3,071.25
October.....	681,300	3,065.85
Totals	7,344,900	35,422.45

SUMMARY

Biological products.....	\$67,805.24
Aug.—Less 6 syringes—2 rabies patients stopped.....	1.20
Sept.—Less, sale 35 normal pigs at 75c. each.....	26.25
	Net
Insulin.....	\$67,777.79
	35,422.45
	\$103,200.24

DISTRICT OFFICERS OF HEALTH

DISTRICT No. 1.

T. J. McNALLY, M.D., D.P.H.

I have the honour to submit the following annual report for this district which comprises the counties of Lambton, Essex, Kent, Elgin, Oxford and Middlesex, composed of sixty-eight townships containing twenty-nine villages, twenty-four towns and six cities, each having its local board of health regularly appointed according to The Public Health Act, except that in "Essex Border," five municipalities are served by one local board.

In several other instances the same medical officer acts for more than one municipality, so that in all there are three full time and 102 part-time officers in the district.

During the year a close personal supervision has been exercised over the public health administration in each of the municipalities entailing to each an official visit to review with the local officer the work of his board and where necessary with the full board.

In many municipalities repeated visits were required to assist in correction of nuisances, to urge improved water supply, to obtain better supervision of milk supply, to assist in the control of communicable diseases and in some instances to endeavour to trace the source of typhoid fever.

Transportation has been almost wholly by motor car in which I have travelled about fifteen thousand miles during the year.

FREE INSULIN

On instructions from the Department, I made a personal investigation of the financial standing of each of the recipients of "Free Insulin," sixty cases scattered throughout the district. A special report was made of the findings in each case, also recommendations to prevent exploitation of the Department.

MOTOR CAMPS AND HIGHWAY BOOTHS

In conjunction with Mr. Johnston, of the Engineering Division, a careful and thorough inspection was made of all these camps (seventy) and booths (eighty-one) in the district.

Four camps and four booths were found to comply with the regulations of the Department and were given official certificates of approval. About fifteen hundred miles were covered in making this inspection.

Some improvement over conditions the previous year was noted but it appears evident to me that more than inspection and recommendations will be required to bring the lower type of these institutions into a reasonably clean and sanitary condition.

PUBLIC HEALTH NURSING

This work has been well demonstrated by Nurses Riddle and Bagshaw, in Petrolia and Wallaceburg during the year, followed up by chest and children's clinics, conducted by your divisional medical experts and concluded by close follow-up work by the nurses.

A demonstration is now being given in Strathroy by Miss Riddle, while Mrs. Bagshaw concludes the follow-up work in Wallaceburg. Your district officer has given considerable attention to arranging for and conducting these demonstrations and clinics and in giving every possible assistance in the difficulties encountered by the nurses.

Chest clinics have also been conducted at Ingersoll and Chatham in conjunction with the local medical practitioners.

NUISANCES

The effluent and conditions at the Essex Canning Factory was the only cause of complaint from these industries during the year.

The piggery of Mr. Judge, in London Township, and of Mr. Griffith, in Westminster Township, occasioned several complaints and took up considerable time endeavouring to have conditions corrected without any apparent success in the latter case.

The Canadian National Railway shipping yards at Parkhill have also occasioned several complaints and, although their road master agreed that they did not comply with the regulations and that he would recommend their removal to a new site, no action had been taken when I later inspected them.

Drains, cess-pools, polluted ditches and garbage dumps have been the cause of many special trips during the year, but in every case correction has been made where the complaint was justified by conditions.

MILK SUPPLIES

These supplies are being more carefully supervised in the towns and cities by the local boards each year, but much educational work remains to be done in the rural and smaller urban centres.

MEAT SUPPLIES

Local supplies in the smaller towns and villages receives little if any supervision beyond inspection of the slaughter house and shop.

RURAL SCHOOLS

The annual inspection by local medical officers is gradually improving the sanitary surroundings of these institutions, but much remains to be done before even the large proportion are reasonably satisfactory in regard to lighting and seating.

EDUCATIONAL

The Dental Health Day and addresses in connection therewith were well received and I believe have stimulated the public to exercise better care of their teeth and improved oral hygiene.

The local officers are continuing to address the pupils on personal hygiene and related subjects, when making their annual inspection.

By Little Mother's Leagues and home nursing classes your nurses are doing splendid educational work in addition to their regular visits.

Your district officer has as frequently as possible by public addresses and at council and board of health meetings endeavoured to interest public leaders in our work of preservation of health and prevention of disease.

COMMUNICABLE DISEASES

SMALLPOX

The few cases of this disease in the district this year have been mild and isolated, but every endeavour is being made to have vaccination carried out in the case of school children.

DIPHTHERIA

The use of toxoid for the permanent immunization of non-immunes and children against diphtheria is being constantly urged on local authorities especially where the disease makes its appearance in a community.

Dr. F. Adams, medical officer of health for the Essex Border Municipalities, has done excellent work along this line and several other local officers have also been administering toxoid, though not so extensively.

VENEREAL DISEASES

The clinics established by the Department are serving a very useful function in clearing up indigent cases as well as having a very good educative influence on the public mind concerning the menace of the diseases.

SCARLET FEVER

This disease though appearing in mild form has occasioned many special trips to different municipalities to assist the local authorities in its control. Frequent use has been made of the serums supplied by the Department for the treatment of this disease and for passive immunity with apparently satisfactory results.

MEASLES

Reported cases are being quarantined in practically all municipalities but many cases are not officially reported hence are not isolated.

TUBERCULOSIS

The chest clinics being conducted by the Department and in conjunction with the sanatoria are doing excellent work in obtaining early diagnosis and treatment. This work is expensive but is amply justified in its reduction of the incidence of the disease, the lessened mortality as well as the wonderful educative influence it is exercising on the public as shown by the number of cases being presented at every opportunity.

TYPHOID FEVER

Courtright has had the only outbreak in the district this year and was occasioned by the break-down of the waterworks chlorination plant and the careless and unbelievers not heeding the warning to "Boil the Water."

Isolated cases have occurred at several points but mostly rural, though in many cases reported from the hospital where the case is being cared for in town or city.

RABIES

An outbreak of this disease occurred in Essex County and illustrated very emphatically the advance of public health measures in Ontario during the last few years. Formerly, patients after being bitten by a rabid animal had to be taken to New York and kept there at considerable expense during treatment, while in this outbreak the four persons bitten were treated with free anti-rabic inoculation at home by their family physician.

As this outbreak of the disease was spread over two townships it occasioned considerable work on the part of the local authorities as well as your district officer before it was finally cleared up. Several dogs and hogs and other domestic animals succumbed to the disease.

WATER SUPPLIES

All public water supplies are being regularly supervised by the Engineering Division as well as by the local board and the district officer, so are kept in a safe condition all the time or the public warned if any contamination occurs.

SUMMER RESORTS

These are being supervised each year not only by the local boards but by the district officer, yet conditions in some of them are far from ideal. I feel very strongly that some form of licensing should be required where these are conducted for profit.

RECOMMENDATIONS

1. That a full-time engineer be attached to each district office whose work would be under the supervision of the Division of Sanitary Engineering.
2. That a full-time stenographer be attached to each district office and that all vital statistics and disease reports come to the district office directly from the local authorities.
3. That additional nurses be attached to each district, if possible one for each county, part of this additional expense to be borne by the county.

DISTRICT No. 2

J. J. FRASER, M.D., D.S.O.

I beg to submit herewith the report of the work done in District No. 2 for the year 1926.

It is interesting to note as the years pass, how, as it were, the centre of gravity of health activities changes. In the early days abatement of nuisances was the main function of a board of health. Then control of communicable diseases took first place. This was followed by the supply of pure water and clean milk. Then came child welfare and the prevention of communicable diseases by active immunization. To-day, one of the problems pressing for solution is that of maternal mortality. Some definite plan will have to be formed to cope with this problem, such as more pre-natal clinics, education of the expectant mother, etc.

COMMUNICABLE DISEASES

Although we can offer the public reasonable immunity from smallpox, typhoid, diphtheria, and scarlet fever, these contagions still occur. But they

do not occur in mass epidemics as formerly. During the last year I do not recall one instance where any of these infections reached what might be called an epidemic form. While these results have been achieved with the help and cooperation of the public, they can only be maintained by constant vigilance on the part of the whole health machinery of the province.

SMALLPOX

Cases occurred at the following places—MacTier, Kitchener and Orillia. At MacTier, which is a divisional point on the Canadian Pacific, one case occurred in a railway employee. The day I arrived there, I found the health officer vaccinating all the school children. At Kitchener sporadic cases occurred throughout the winter. Through the vigilance of the M.O.H., aided by a little force, these were kept within bounds and 3,500 children vaccinated. At Orillia, a man suffering from supposed grippe was admitted to hospital, and remained two days. Fourteen days after he left, the man in the adjoining bed developed smallpox. Four patients and two nurses contracted the disease. All contacts were isolated and vaccinated. As this same institution suffered an outbreak of typhoid, six patients and four nurses, last year from a patient with biliary fistula, they realize the need of vaccinating and inoculating all nurses and attendants in the hospital.

TYPHOID

There were a few isolated cases throughout the district. The Owen Sound outbreak of last year was brought to a test in court, and the city adjudged responsible, through the water supply. The corporation, the Utilities Commission, and the local board of health were held equally to blame.

MEASLES AND SCARLET FEVER

Fewer cases of these have occurred than last year, all of a mild nature.

DIPHTHERIA

Of diphtheria there were 134 cases and seven deaths. This is very creditable, considering the totals for the province of 2,818 cases and 179 deaths. There have been a considerable number of immunizations by toxoid, but none on a large scale. Some municipalities propose doing so next year.

VENEREAL DISEASES

More work has been done this year than heretofore. Four of the five cities are now doing intensive work in venereal disease control. Wherever a system of reporting and treatment has been established, the great need for such work very soon becomes apparent. As the system of reporting and follow-up work is developed, better results still may be looked for.

WATER SUPPLIES

The water at Huntsville, which is chlorinated, began to show the presence of B. Coli. On investigation it was found there was a leaky valve in the chlorinator. The local board of health, which was called together, promised to keep a close check on the analyses, and to have the health officer take the samples.

Reports of the water at Southampton began to show "unsatisfactory." The intake pipe is located between the mouth of the Saugeen River and the bathing beach. The lowering of the levels in the lake has left the intake in very shallow water. The council decided to call in the services of a firm of sanitary engineers with a view to extending the intake.

Owen Sound has installed a chlorination plant to chlorinate all its water supply. Since that time the reports of the analyses have shown the supply free from contamination.

TOURIST CAMPS AND REFRESHMENT BOOTHS

A more clear cut distinction was observed this year between those that were good and those that were not. About one-third of those inspected were approved. This is better than last year, when not more than half a dozen came up to requirements. A sample of water was taken at each camp. I think this should be done more than once in the season. The greatest single factor in making a safe attractive camp would seem to be supervision. This supervision should be by one man, not left to the Ladies' Aid or the Kiwanis Club.

While motor camps are increasing every year, refreshment booths seem to be falling off in number, which is not to be deplored.

SUMMER RESORTS

Sanitary conditions at the summer resorts were again carefully gone over. There were only two or three complaints received during the whole season, and these were local and easily remedied. The problem was again stressed that the large hotels in Muskoka look carefully into the question of chlorination of the water. I would suggest that the Department prepare a pamphlet, showing the most effective way of doing this at a reasonable cost.

The question of sewage disposal at the Georgian Bay resorts, where the formation is of rock, is being taken up with the Georgian Bay Association.

At Wasaga Beach the township council had plans drawn for a public lavatory which is much needed, but there was some dispute about the location, no one wanting it located near his place. It is hoped to have this settled in time to begin work early in the spring.

The Bruce Peninsula is developing into a resort for summer tourists, via the Blue Water Highway. There is a good motor road from Warton to Lion's Head; if this could be extended to Tobermory it would help the northern end.

The inspection of summer camps for boys and girls is assuming larger proportions every year. An important question here is the supervision of the food supplies, especially as some of them are now operated for financial gain.

MILK AND MEAT

That the problem of good clean milk is still a live question is evidenced by the fact that so many municipalities ask assistance to improve their supply. Among those who have sent such requests are: Shelburne, Hespeler, Elmira, Warton, Palmerston, Listowel and Stratford.

The point is emphasized of getting clean milk at its source, hence more attention is being given to stables, utensils and milkers. A small town cannot afford a pasteurizing plant but many are insisting that their supply come from

tuberculin-tested herds. Guelph and Kitchener have appointed specially qualified milk inspectors, trained at the Ontario Agricultural College.

A number of municipalities are looking for a workable meat by-law. Some are using the Federal Meat and Canned Goods Act.

NUISANCES

A new type of nuisance has arisen in the form of fox farms. So long as they were kept in the rural districts there was no trouble, but when they started to spring up in towns, they began to cause annoyance. The only redress at present is through a civil action against the owner. The condition will probably correct itself in time, as breeders are finding out the town is not an ideal place to breed animals not fully domesticated.

HEALTH ACTIVITY

The outstanding place in the district in health activity for the year was the City of Guelph. They increased the salary of the health officer, so that it now compares favourably with other cities of equal size. They have given for the use of the local board an office in the city hall, with a full-time man to do the secretarial work. They have employed a public health nurse and have now the Victorian Order nurse, the school nurse and the public health nurse working in co-operation.

The local board has shown much increased activity in venereal disease control, and have under consideration the opening of a pre-natal clinic. In the early part of the year, the M.O.H., assisted by the physicians of the city, made a survey of the school children for goitre and tonsils, examining 5,018 children. Two years ago the expenditure for health was twenty-three cents per capita, this year it was 46.2 cents.

What results have been obtained from this increased expenditure? It is too early as yet to estimate the value received, but it is significant that while the death rate last year was 14.13, this year it is 12.67. The number of communicable diseases last year was 1,331, this year 365. This lends support to the statement, that given a certain amount of money and spending it judiciously, one can almost guarantee fewer deaths and less disease.

DISTRICT No. 3.

D. A. McCLENAHAN, M.D., D.P.H.

With the close of the year 1926 and the advent of 1927, I am beginning my fifteenth year as District Officer of Health for District No. 3. There has, I am sure, been a gradual but marked improvement in health activities during that period. Education of the public mind as to the importance of preventive medicine has been a great factor in the improvement along public health lines. The public is realizing now as never before that public health matters include not only the prevention of disease, but also the promotion of good health and the prolongation of life. One notable advance has been the establishment of a Provincial Department of Health under the direct control of a Minister of Health. As in other departments in the government the Minister is assisted by a Deputy Minister. With the present health organization in this Province

and with loyalty and team work on the part of the various officials and employees of the department, I look for great advances in public health achievement during the next ten years.

EPIDEMIOLOGY

No serious epidemics have occurred in my district during the year. We had some fifteen cases of scarlet fever in Oakville in February. Dr. Stead and I suggested to the board the advisability of putting in a nurse to assist the school nurse in checking up on suspicious cases in the school and referring them to the M.O.H. In this way three or four cases were found who were attending school and were still infective. The isolation of these cases speedily brought the epidemic to a close.

Scarlet fever cases occurred in St. Joseph's Hospital, the Ontario Hospital and the Sanatorium, all of Hamilton, and also in the hospital in Dunnville. With the prompt measures taken only one case occurred in the Ontario Hospital, in the Sanatorium and in the Dunnville Hospital. I am of the opinion that all nurses and attendants at hospitals and like institutions should be vaccinated against smallpox, protected against typhoid fever, and actively immunized against diphtheria and scarlet fever.

A case of cerebro spinal meningitis occurred in a pupil of one of the schools in Saltfleet Township, Wentworth County. We took swabs of the throats and noses of all pupils in the school and also the teachers. No carriers were found. A nurse was put in the school for ten days to inspect the pupils every morning. No subsequent cases occurred. I am very much indebted to Dr. Deadman of the Hamilton City Hospital laboratory and also to Dr. Greene, M.O.H. of the township, for their invaluable assistance in connection with this case. Sporadic cases of other communicable diseases have occurred during the year.

PUBLIC HEALTH EDUCATION

To my mind a very important function of the District Officer of Health is the education of the public. This we have endeavoured to carry on by public meetings, where the health pictures from the Department were shown, by addresses at these meetings, and by addresses at meetings of Boards of Education and Boards of Health. We have still another duty to perform and that is the education of the medical profession. I think the time has come for the practising physician to turn his attention more and more to the preventive side of medicine. This does not mean that their remuneration would be less, rather it means that the remuneration would increase, because if they can prevent people from becoming ill, these people are much better able to pay them because their efficiency and earning power is not impaired. Prevention, I am persuaded, is the medicine of the future and the medical profession would be well advised to prepare for it. What we are asking them to do is to recommend strongly to their patients to come to them and have themselves made immune to smallpox, typhoid fever, diphtheria and scarlet fever. This is, I believe, in the interests of their patients and in their own financial interests. Too much stress has been laid on the fact that it is the function of the doctor to relieve suffering and not enough on the fact that it is his function to prevent suffering.

EDUCATION OF THE DISTRICT OFFICERS AND OTHER PUBLIC HEALTH WORKERS

In 1926, I attended the Health Congress held at Toronto in May and also the American Public Health Association meeting at Buffalo in October. These were very important and helpful meetings and I am grateful to the Minister and Deputy Minister for making possible my attendance at these functions, which do so much to keep up interest in the work, and enable one to find out how others in public health work meet and overcome difficulties in public health administration under conditions similar to our own.

MEDICAL AND NURSING SERVICES

The taking over of these services by the Department of Health was, I think, a notable step forward. A number of municipalities in my district, about ten I believe, have taken up the scheme of medical and dental inspection. In no instance where it has been established has there been any falling off but all are continuing the work and seem to be well satisfied with the service they are getting. North York has the distinction of being the first rural municipality in the province, so far as I know, to undertake this service. There are a few municipalities which would, I think, be well advised to go into this work, but so far we have been unable to convince them that it is in the public interest. This work has been greatly facilitated in my district by practical help and advice from Dr. J. T. Phair, Director of Child Hygiene.

During February, I accompanied Dr. J. G. Cunningham, Director of Industrial Hygiene, in calling on the local medical practitioners in Thorold and Merriton, to let them know that Miss Heeley was engaged in nursing work in some of the industrial plants there and to ask their co-operation in the work the nurse was trying to do.

NUISANCES AND UNSANITARY CONDITIONS.

Complaints regarding the above have been investigated at Acton, the Hunt Club, Barton Township, Grimsby Park, Port Dalhousie, Streetsville, Grimsby, York Downs Golf Club, Markham, Jordan, Stamford Township and Nelson Township. The number of complaints about nuisances is steadily diminishing, and this is I think encouraging because their correction is either a police function or an engineering problem.

IMMUNIZATION AGAINST DIPHTHERIA

I have spent a good deal of time on this phase of preventive medicine during the past year, and have had a large amount of success in carrying it out. In my district the parents are very responsive in their co-operation and are deeply gratified to the Provincial Department for undertaking the work. I am trying to bring the opportunity of having the children rendered immune to diphtheria to the door of every parent in my district. After having done that if there should be cases of diphtheria and fatalities from it, then I think the Department and I have cleared ourselves of all responsibility. In addition I am asking the family physician, when the matter has been introduced into a neighbourhood, to carry on the work and recommend their patients to bring their children to them for immunization.

My plan is to first get the co-operation of the Board of Education, then send letters to all parents telling them what we are aiming to do, and asking their consent to have their child or children immunized, and then do the work on an

appointed day at the schools. This service is free to the parents as the toxoid is supplied free by the Department and the local board of health provides the alcohol and absorbent cotton. The local medical officers of health do a great deal of the work themselves, and my thanks are due to them for their splendid co-operation.

The inmates of the Boys' Industrial School at Mimico were immunized during the year. There are about 250 inmates. I wish to acknowledge able assistance in this work from Dr. Baxden, Dr. Roberts, Dr. Snyder and Dr. Hunt.

TOURISTS' CAMPS AND REFRESHMENT BOOTHS

During the summer of 1926 I accompanied Mr. A. V. Delaporte on an inspection tour of all tourist camps and refreshment booths in District No. 3. We inspected 134 tourist camps and 402 refreshment booths. On our first visit a copy of the requirements for approval was given to the operator. The regulations were carefully explained, and the improvements required in that particular place were pointed out. A second visit was made in about three weeks. In those cases where interest was shown, but when all the necessary improvements had not been made, a third visit was made. A total of about 1,500 inspections were made. On our first visit only two motor camps and six booths were approved. On our second visit five camps and sixteen booths were approved. On a third inspection two camps and two booths were approved. The total approvals were nine motor camps and twenty-four refreshment booths.

Some of the operators of camps and booths were quite anxious to co-operate and improve conditions, but the vast majority were rather indifferent. The main objection to the camps and booths is the quality of the water supply. Leaving out the places which had municipal supplies, seventy-five per cent. of the remainder had bad water. This is due nearly altogether to the lack of protection of the supply. Wells can be made safe with very little expense.

We believe that publishing the names and location of the approved camps would help to arouse the interest of the owners and operators and teach them that it is bad business to operate a camp that cannot get the approval of the Department.

In submitting my fourteenth annual report for District No. 3, I acknowledge with the deepest gratitude the co-operation and consideration which I have uniformly received from the Honourable the Minister of Health, the Deputy Minister of Health, Dr. W. J. Bell, and the directors of all the divisions in the Department.

DISTRICT No. 4

N. H. SUTTON, M.B., D.P.H.

I beg to submit my report for District No. 4, for the year 1926.

In reporting on my work, I would gratefully acknowledge the spirit of helpfulness and co-operation which has been shown by most of the Medical Officers of Health. This has made possible the very considerable advancement which has occurred during the year. The calls from these local authorities become more numerous and varied each year, consultations, assistance, advice, direction, etc., being requested.

COMMUNICABLE DISEASES

Smallpox of a mild type has been the most prevalent, and has appeared in some thirty municipalities in seven counties of my district. Where it has appeared, it has yielded only to prompt and efficient action in isolation of the cases, quarantine and vaccination of the contacts, and as general vaccination of the populace as could be secured.

The vaccination of the school children under Section 13 of the Act was the most effective single step in general vaccination. Several splendid pieces of work were done by local M.O.H.'s in this line. At the head of this list, I would place the achievement of Dr. H. A. Turner, M.O.H. of Millbrook and Cavan, who secured the vaccination of every school child and of very large numbers of the younger and older members of the population in both municipalities. Dr. Mather of Tweed was not far behind and his work in Elzevir township was specially arduous. The list also includes the M.O.H.'s of Murray township, Havelock village, Marmora and Deloro villages, North Monaghan and Smith townships, while others also did good and effective work.

It is regretted that the same success has not been attained in the city of Peterboro, where this disease obtained a foothold early in the year and is still going strong. Section 13 of the Act was not invoked, but the Board of Education through its physician, offered free vaccination in the Public Schools and attained a fair measure of response. The number of cases reported does not at all represent the number of cases that occurred, as the disease has thus far been of such a mild type that the public have been indifferent to its presence and many cases did not call a doctor at all. Thus the disease has spread directly and indirectly to other nearby municipalities.

Belleville and the surrounding area are, at the end of the year, wrestling with this disease. The M.O.H. of that city, by offering free vaccination in the schools, has immunized over two-thirds of the school children. He is now preparing to enforce Section 13 of the Act. Sidney township is doing the same.

Farther north, smallpox is invading the edge of the sparsely settled lumber and pulp wood area of Hastings and Peterboro counties. Control there is going to be difficult, and the constantly shifting lumbering population offers great facilities for the spread of the disease through a very wide area.

Of the other communicable diseases, measles and chickenpox have been the most in evidence and appeared in the most places. During the winter, measles overran Trenton and caused three deaths among young children. Chicken-pox has been prevalent in the south-western part of the district and is now spreading to the east and north, where in many places it is now closely following up smallpox. When these two diseases are present at the same time, the difficulties in diagnosis are great. That chicken-pox is not always the mild disease that it is generally regarded as being, one case which I saw will show. The case showed a very slight eruption but very severe involvement of the liver, bile passages and pancreas. The child ran a fairly high temperature, was greatly jaundiced, and for some days was unable to retain any nourishment because of nausea and vomiting. When I saw her, the abdomen was rigid and so tender that the slightest touch could not be endured. She ultimately recovered, however.

Scarlet fever has not been much in evidence and since the advent of the antitoxin has lost much of its terror. The year's experience has proved out this product thoroughly and the verdict is that it is even more effective than diphtheria antitoxin.

Diphtheria has not been much to the fore; such cases as have occurred have been sporadic and not epidemic in character.

Of much interest was an outbreak near Lindsay of a disease which resulted fatally in all the four cases in which it occurred. Thorough investigation, including the autopsy of one case, showed it to be epidemic encephalitis. No further cases have occurred.

MILK SURVEY

During the winter and spring I continued the survey of the milk supplies in the various municipalities. The unfavourable weather and roads in the spring did not allow this being completed before the animals were again out on pasture. Thus a true picture of the production conditions could not be obtained and the survey was discontinued for the season. In the late autumn, owing to pressure of other work, but little progress was made and the survey will be continued in the spring of 1927.

While it is yet too early to draw many conclusions, the survey so far has made one thing stand out, i.e., the necessity for stricter supervision of pasteurizing plants.

TOURIST CAMPS AND REFRESHMENT BOOTHS

Following the milk survey work, the inspection of these camps and booths was undertaken. In this I had with me Mr. Ball of the Sanitary Engineering Division. We found a very great increase in numbers and especially is this true of refreshment booths. A few camps which had been started last year were found to have been discontinued this year, but many more new ones had been established. Several of these were obviously in the nature of experiments, to see whether the business justified itself and in these arrangements were primitive and far from satisfactory. In some, the location chosen was poor for business and worse for sanitation. As a rule, the municipally established camps were fairly satisfactory, but at that we were only able to issue less than one-half dozen approvals, with card and banner. The water supplies of all these camps were tested and in the privately owned camps, very few supplies were found good, while in many the sanitary arrangements were scarcely up to even pioneer standards. Among the booths, also, it was mostly water supplies and sanitary arrangements which prevented approval being given. As far as the articles for sale were concerned very few minor changes, such as protection of goods and utensils from flies, were necessary to bring them quite up to standard. I came very definitely to the conclusion that the desire to earn the approval display card is not sufficient incentive to bring the privately owned concerns up to the mark, but that they will have to be definitely regulated and authority provided to close those which are found to be a menace to health.

BOYS' AND GIRLS' SUMMER CAMPS

These are becoming increasingly numerous and are most desirable institutions, but the conditions under which they now originate are in dire confusion. There is nothing to prevent any man or organization getting together a group of children or young people and establishing a camp, wherever arrangements can be made with the owner of the land, without the location being known to any authority. In the work of inspecting these camps therefore, one is reminded of the old recipe for rabbit pie which began, "first catch your rabbit."

Every year we find some of these Fresh Air Camps the previous existence and location of which was entirely unknown either to myself or the M.O.H. of the

municipality in which they were located. I am quite prepared to believe that there are others about the district of which I still know nothing. I would accordingly recommend that any individual or organization desiring to conduct a fresh air or summer camp for boys, girls or adults should notify such intention to the Ministry of Health, together with such particulars of the proposed camp as may be necessary. In that way, both the location and conduct of the camp can be so controlled as to get the greatest benefit to health, while avoiding the dangers of faulty location, equipment, etc.

SUMMER RESORTS

These were again inspected as usual and improvements generally found. Those catering to the public, such as summer hotels, I can definitely regulate and insist upon proper sanitary conditions, but I would again recommend that groups of private cottages be brought under proper regulations. At present there are some of these groups where the cottages are more closely placed than are the houses in the residential parts of urban centres and where the sanitary arrangements and water supply are those of almost pioneer days. I submit that such conditions are a danger to health, instead of tending to the improvement of it.

During the summer I sampled the water of the Kawartha lakes and rivers in the summer resort area and found continued improvement. While at this, the official motion picture expedition was filming the Trent waterway and included this work in the film, which is to be used in U.S.A. picture theatres in aid of the tourist business.

RED CROSS OUTPOSTS

During the year I have seen two of my dreams come true, in the establishment of an outpost hospital in North Hastings at Bancroft and of a smaller outpost at Apsley in North Peterboro. As I have worked for the establishment of such facilities there for some three years, this development has been most gratifying. The need for them was very great and when a hospital is established in the Village of Haliburton, I shall consider that the needs of the northern part of my territory in this line are pretty adequately met.

LARGER SANITARY WORKS

The year has seen the bringing into operation of the Peterboro Sewage Disposal Plant, after a long period of working to this end. As the year closes, the town of Picton is making a definite effort to secure a proper and safe water supply. It is to be regretted that this step was not taken before the paving of the principal streets, but this will not add too much to the difficulty of the undertaking.

DISTRICT NO. 5

P. J. MALONEY, M.D.

I have the honour to submit herewith my annual report for District No. 5 for the year 1926. District No. 5 is made up of the counties of Dundas, Stormont and Glengarry, Leeds and Grenville, Frontenac, Lennox and Addington,

Lanark, Renfrew, Carleton, Prescott and Russell and the city of Kingston. The district outside of the city of Ottawa has a population of about 350,000 people.

The office in the city of Ottawa has been increasingly used during the year as a source of information, advice and instruction, by personal consultation, by letter, and by telephone.

The outgoing correspondence has exceeded two thousand letters.

The district has been thoroughly inspected during the year in a routine manner, besides the special work later referred to.

All the public institutions, over forty in number, have been inspected as to their sanitary condition, and a report sent to the Department and, where indicated, to their governing bodies.

The request for elimination of unsanitary conditions or for the installing of sanitary improvements have generally been promptly met by those in charge of the management.

TOURIST CAMPS AND SUMMER RESORTS AND WAY-SIDE RESTAURANTS

For 1926 the Department made tentative regulations governing these places. Any of them coming up to the standard laid down were given a card or banner which they could post up or display, on which was printed a statement to the effect that they were approved by the Department. Some hundreds of these places were inspected by Sanitary Engineer Dillane and myself, and I was able to grant certificates to five tourist resorts, and seven way-side restaurants.

It was realized that this inspection was largely educational and it is fully expected that next year there will be a marked improvement, when perhaps certain of the regulations may be made obligatory.

Besides the usual summer resorts, summer camps were conducted at Golden Lake and Britannia by Y.M.C.A., Ottawa Boys' Club at Mink Lake, Boys' Club at Christie Lake and private establishment, Camp O'Conto, conducted by Miss Halliday near Sharbot Lake.

Previous to inspections by Mr. Dillane and myself, the local M.O.H. and sanitary inspectors were reminded of their duty as to supervision of these resorts, and in almost every case they were under constant supervision during the whole season.

HEALTH CLINICS AND PUBLIC HEALTH NURSING ACTIVITIES

Miss Squires, following her work in Kemptville, conducted an excellent demonstration during the winter months at Gananoque, with the result (always hoped for but seldom accomplished) that the council engaged a permanent public health nurse for the town. Miss Squires, already so well and favourably known in this end of the province, added to the laurels she already received for her work during the Glengarry health week and elsewhere. Miss Squires went to Northern Ontario for the summer months.

Miss Howie, who with Miss Squires had been working in the vicinity of Kemptville for some time and whose work was well received, was highly complimented at a large public meeting in Leslie Hall, called for the purpose of endorsing the programme of public health as laid down by the nurses. Besides addresses by the Mayor, School Inspector, local physicians and others, Dr. Phair of the Department gave an instructive address explaining the policy and object of the Division of Child Hygiene.

After Kemptville Miss Howie continued her work in Cardinal and vicinity, until sent into Northern Ontario for the summer season.

Misses Campbell and Castle have conducted an excellent public health demonstration in Eganville and vicinity during the winter months. As a fitting close to their work a clinic was held in the town. Drs. Phair and Kitley conducted the clinic which had to continue an extra day beyond the scheduled time, owing to the numbers presenting themselves. Moving pictures connected with health propaganda were shown in the afternoon and evening by Mr. Jones of the Department and which was followed by a forceful and instructive address by the Deputy Minister, Dr. Bell, before an audience which overcrowded the Town Hall.

During the spring and summer months, Nurses Campbell and Castle conducted a health demonstration centering on Barry's Bay, which was also concluded by a clinic conducted by Drs. Phair and Kitley. This clinic was one of the largest ever held in the district.

These same nurses are continuing their work with headquarters at Killaloe.

CHEST CLINICS

For some time Dr. Hopkins of the Mowat Sanatorium gave a clinic twice a month at Brockville and once a month at Renfrew and Pembroke. These clinics were very popular with the physicians and were well patronized. Since the closing of the Kingston Sanatorium we have had to depend entirely on the clinics Dr. Brink has been able to allot to us.

Dr. Brink and his assistants have conducted several clinics which were markedly successful in point of numbers and the interest shown by the physicians, but he has been able to cover only a very small part of the district. At several meetings of the physicians strong resolutions were passed urging the Government to establish a sanatorium in Eastern Ontario and incidentally provide one or more specialists who would have charge of chest clinics in all the principal centres.

COMMUNICABLE DISEASES

SMALLPOX

An outbreak of this disease occurred at Eganville in the early part of the year. It apparently was brought from one of the lumber camps by one of the men returning to his home.

Fortunately two public health nurses were about to give a demonstration in this part of the district and they were of great assistance to the local physicians in carrying on a campaign of smallpox vaccination. Practically all the school children and large numbers of adults and children of pre-school age in the town and surrounding country were vaccinated. Pembroke complained justly of several cases that had to be removed from the trains and cared for at the expense of the town.

It was a couple of months before the epidemic was stamped out.

A widespread outbreak occurred in Almonte during the fall of the year. The first cases were not recognized and despite energetic action later by the board of health of the town and township, more than a hundred cases occurred before it was under control. Emanating from this outbreak quite a number of cases occurred in Pakenham and Carleton Place. Almost all the children in these localities are now protected by vaccination.

Quite a number of sporadic cases occurred at Sydenham, Harrowsmith, Kingston, Arden and some other localities, but they were under control before many were affected.

TYPHOID FEVER

No epidemic of this disease occurred in the district during the year. Much credit is due to the Division of Sanitary Engineering in this regard. Their constant supervision of the municipal water supplies undoubtedly prevented many outbreaks. A number of cases in Embrun were apparently due to the wells which mostly all tested badly. Cases in Rockland and Iroquois were apparently due to the municipal water supply. I have strongly urged that the latter town be ordered to chlorinate their water supply, as the source of their water is very suspicious.

RABIES

During the year we had a large number of dogs and other animals affected with rabies. The first cases were near Kemptville and later other outbreaks occurred in Carleton, Renfrew, Dundas and Prescott Counties. All persons bitten received the Pasteur treatment, either at the Provincial Laboratory in Ottawa or later through their own physician. The muzzling order of the Dominion Department of Agriculture was not very effective, largely owing to the want of any organization for enforcing it. Towards the end of the year the outbreak seems to have completely subsided.

OTHER DISEASES

Scarlet fever, measles, diphtheria and the other communicable diseases were much less prevalent than in former years.

MISCELLANEOUS

Apart from the ordinary work connected with the district and the activities already referred to, conditions arising which required special attention and one or more visits were:

Consultations resulting in the appointment of full time Public Health nurses in Cornwall and Gananoque;

Suit for damages brought by a parent against the school board of Beachburg for impairment to the health of his child owing to unsanitary conditions in the school;

Inspections of schools in Gananoque and Pembroke;

Dispute between Board of Health and School Board in Kingston as to control of communicable diseases;

Negotiations in an endeavour to keep open Mowat Sanatorium at Kingston;

Visits to several towns to promote interest and co-operation in the Dental Clinics arranged for by Dr. Conboy;

Special work in connection with the water supply of Plantagenet;

Arranging a settlement between the town of Napanee and a resident who had threatened suit for damages owing to alleged faulty construction of sewers;

Nuisance caused by butter factory at Sharbot Lake;

Special report for the Department of a cheese factory in Township of Leeds, which was the subject of litigation;

A similar condition at Lunenburg, Stormont County;

Litigation between the M.O.H. of Arnprior and a local resident who claimed damages for unlawful quarantine;
Arranging for the holding of child welfare clinics at the fall fairs;
Inspection of slaughter houses at various points;
Responding to many requests for assistance in abating nuisances from Medical Officers of Health, Boards of Health and others.

DISTRICT NO. 6

W. EGERTON GEORGE, M.B., D.P.H.

I have the honour to submit herewith my fourteenth Annual Report.

UNORGANIZED AREAS

The problems of this district during 1926 have largely been those of previous years. Even at the expense of being uninteresting and of some annoyance, I find it necessary to reiterate some of them.

One of the most outstanding of these problems is the lack of provision for medical attendance of those indigent pioneers and their families who inhabit our frontiers in the unorganized areas, when, because of communicable disease or other cause, they cannot be removed to a hospital receiving Government aid.

The sporadic cases of typhoid that occur along the rivers which carry the sewage from one or more towns toward the Hudson Bay have become a serious difficulty owing to a change which was made in the Regulation for the Control of Communicable Diseases in 1923, which prevents the Department using its appropriation to provide the necessary medical relief.

A third problem is found in organized municipalities who are forced to care for cases of communicable diseases who come to them from unorganized territory.

A fourth is the absence of provision for care of the aged from unorganized areas in the district institutions.

A fifth is the lack of provision for the burial of the bodies of those indigents who die in unorganized territory. The lack of funds for this purpose even applies to the coroner's order for burial.

The last of the problems which I wish to mention relates not only to unorganized territory, but to a large number of organized townships as well, and relates to the lack of provision for the correction of the defects which are being found by our Public Health Nurses in the children of the areas mentioned.

This office would suggest that the unorganized districts be given more precise legislation, that is separate government, to meet their particular needs. Since nuisances and unsanitary conditions cannot be removed from the supervision of the district officer, I would suggest that a sanitary inspector be attached to each office of the three northern health districts.

COMMUNICABLE DISEASES

There are some eighty-seven organized municipalities in this health district. The balance of the area is unorganized and has no provision for the reporting of communicable diseases, with one exception. Employers of labour in unorganized territory are legally responsible for notifying the Department of

cases of communicable diseases which occur among their employees. This applies principally to camps. Not an inconsiderable amount of time is spent by your officials in controlling small outbreaks in unorganized areas not in camps.

Below are the total cases reported in 1926:—

	1926	1925	1924
Chicken-pox.....	96	124	119
Conjunctivitis.....	1	2	1
Diphtheria.....	40-2	120-14	189
Influenza.....	10	0	8
Gonorrhoea.....	17	27	45
German measles.....	4	16	25
Measles.....	387	183	1033
Mumps.....	47	427	138
Pneumonia—			
Acute lobar.....	11-2	12	14
Bronchial.....	12-5	6-5	14
Poliomyelitis.....	0	7	4
Puerperal septicaemia.....	0	1	3
Scarlet fever.....	137-1	293-1	246
Septic sore throat.....	4	3	7
Smallpox.....	83	1	25
Syphilis.....	9	6	11
Tuberculosis.....	7	4-3	12
Typhoid.....	14	12	49
Whooping cough.....	89-1	26	111
Meningitis.....	1-1	1	2
Encephalitis.....	1	.....	.....
Malaria.....	1	.....	.....
Dysentery.....	1	.....	.....
	972-12	1271-23	2056

It is interesting to note the improvement in the incidence of communicable disease in this district. While I am convinced that there were many cases which did not reach the notice of the municipal authorities, because of their mildness, and were therefore not included in the weekly returns of the secretaries of boards of health, yet the returns were sent to the Department more regularly by these officials and more municipalities complied with this provision of the Health Act than ever before.

There were two extensive outbreaks which threatened to reach the importance and proportions of epidemics. The most important of these was smallpox in Timmins in October.

Of this outbreak, the first case brought to the attention of the Medical Officer of Health had been sent into the hospital with a diagnosis of influenza, but the occurrence of the typical rash corrected the error and sent the hospital staff to the doctors for vaccination. This was on September 16th. In spite of these precautions, the orderly whose vaccination failed to take, promptly developed the disease. As it occurred, each case was removed to an isolation hospital. No further cases developed in the hospital and none of the cases which developed in the town could be traced to either of the two. However, other cases began to make their appearance throughout the town, so that by October 12th seven new cases had been reported. The Medical Officer of Health was away on a vacation, so a wire was sent to me at North Bay. The American Public Health Association was meeting at Buffalo that week, and as my office had forwarded the wire, I immediately left for Timmins. Since the Local Board of Health had taken no

effective measures and were without guidance, it was urged that the Medical Officer of Health return immediately. During the absence of the Medical Officer of Health, Dr. H. H. Moore, his assistant, Dr. Steel, had been acting. He had no official standing and was a very busy man. He was most courteous and the little time he was able to give was given graciously and efficiently. But when he was busy, I was given to understand that as far as he was concerned, the epidemic would have to wait until he was finished. I have given this little detail in order to emphasize the necessity of having someone on the ground during epidemics who is legally responsible for making the epidemic the first consideration. A meeting of the Local Board of Health was called and the various responsibilities of the Medical Officer of Health, Local Board of Health and the Municipal Council under the Vaccination Act were discussed. It was suggested that the Local Board and Medical Officer should exercise all the powers imposed upon them by the Act before calling on the mayor and council. The schools were accordingly notified that on and after the 25th of October no child who had not been vaccinated would be allowed to attend school. They asked the council to supplement this by providing public vaccinators in the schools at the expense of the town, the arrangements to be made by the Local Board of Health in conjunction with the Medical Society, who designated the physicians and hours of attendance at the various schools. The council promptly called a special meeting and complied with all the recommendations of the Board. Within one week 97% of all school children had been vaccinated. The physicians discovered six mild cases in attendance at school during the vaccination procedure. This in itself was sufficient warning to the responsible authorities that a large number of new cases were to be expected. The work of vaccination was most efficiently done. To indicate this, I will describe the results in one school with an attendance of over five hundred; every one was vaccinated and only two did not react. These were revaccinated but I did not obtain the final results. By the end of the first week in November five thousand new vaccinations had been performed in Timmins. This was approximately one-third of the population. A large number of vaccinations had also been performed in every town in the North Country. The outbreak ended in the first week of November with sixty-four cases in all. The cases were exceedingly mild; some in attendance at school had not lost a day. One case ran a mild course for a few days and then developed a high temperature, followed by paralysis. This was the only one that terminated fatally.

The second epidemic occurred at Parry Sound and was one of measles. It began in the schools shortly after the summer vacation. It was traced to a child which had come from Capreol with a cold. Before the rash had made its appearance the child had visited a number of homes, with the result that a fair sized outbreak was on their hands before the authorities were apprized of the situation. The epidemic reached its height during the latter part of October and the first half of November, declining rapidly during December. There were two hundred and forty-four cases reported, but it is thought that many who developed the disease did not have a doctor and for this reason they were able to avoid quarantine and reporting. They were assisted in this neglect of duty by the mildness of the cases. The medical officer, Dr. Biehn, is of the opinion that there were at least four hundred cases with not a death.

Graphs were made for the following diseases: measles, smallpox, diphtheria and scarlet fever in order to indicate that there was a sharp rise in the incidence during September for the first three, while scarlet fever does not show this characteristic, it being more prevalent throughout the year. The same rise was

to be expected with scarlet fever too, but its excessive prevalence in mild form during the past eight or nine years no doubt had an influence in preventing the usual October rise. March and April are usually low months, but seem to have had little seasonal influence during the past year.

The largest number of cases of typhoid was reported from Timmins, but a few cases were also reported from North Bay and Sudbury. In Timmins the usual sources were carefully followed, but the one responsible was not discovered. Milk, butter or cheese did not seem to account for the cases since they did not follow milk routes or the consumers of a specific cheese or butter. Flies and privies were carefully examined, but little evidence was found to suspect them. The water is chlorinated and meets the requirements of the orthotolidin test. However, the number of pumps in operation varies, placing an important responsibility on the human factor in the control. I do not believe it is unjust to hold this element under suspicion until the responsibility can definitely be placed elsewhere.

Tuberculosis is not being reported as it should be, although the returns given above do not include the large number of tuberculous cases sent to sanatoria from unorganized areas. A great deal of time and attention is being given to those suffering from this disease by this office, especially in establishing the responsibility for the sanatorium care of indigents. Indeed, it appears to this office that too much time is given to this work and that considerable could be saved if the sanatorium officials served their notices on the municipalities from which the patients come before this office is asked to investigate. Undoubtedly time has been wasted in this work that cannot be justified. Since it is unavoidable that immigrants suffering with tuberculosis should frequently pass our immigration inspectors, we have kept watchful supervision over the indigent tuberculous cases from this district. Such immigrant cases should be deported when they become public charges.

IMMUNIZATION

For the prevention of smallpox, Dr. Coulombe of Sturgeon Falls has insisted that all school children be vaccinated. This year he vaccinated over three hundred.

Besides the immunization of a large proportion of the population in Timmins by smallpox vaccination, efforts were made to have the medical officer undertake the immunization of school children against diphtheria. Dr. Mitchell, Medical Officer of Health of Cobalt, has begun immunization with toxoid of primary rooms only. Some work has been done by Dr. Biehn, M.O.H. of Parry Sound, and by Dr. W. J. Cook, M.O.H. of Sudbury. Dr. Coulombe, M.O.H. of Sturgeon Falls, has begun a campaign of education preparatory to obtaining the consent of the parents.

PUBLIC HEALTH NURSING

The principle which has been followed in stationing our nurses in northern districts has been very simple. During the winter they have been assigned to urban work, while during the summer they are given rural fields.

I feel that I cannot speak too highly of the efforts of our public health nurses. Their work in this district has been one of the most efficient public health tasks which the Department has undertaken. It is the opinion of this office that all settled townships in the unorganized districts should be under the regular supervision of a provincial public health nurse. It is grati-

fyng that the Department attached two additional nurses to this district in June of this year. It is true that home visiting in the interest of the defective child has not been satisfactory because of the poverty which prevents the necessary expenditure involved in the corrections recommended, but it has been effective in the control of communicable diseases and the correction of faulty infant feeding. To a much greater extent it has been effective in the interests of the mother and the expectant mother. School health supervision has been the open door to the home for the public health nurse, while it is most successful in laying broad and deep the foundation of personal hygiene in the child. Nearly every field which has been worked by a public health nurse has been enthused by the benefits obtained from treatment of some hopeless cripple, and the restoration to health of mal-nurished babies or the victims of improper feeding.

In the first five months of the year there were two provincial public health nurses attached to this district. Miss Hally, who has been in the district several years, had been assigned to certain small urban municipalities along the Canadian National Railway south of North Bay. This was follow-up work over the area recently covered by Miss Heeley, who had resigned. The section is a very difficult one to cover, but the children in the schools were inspected and suspected defectives recommended to consult their family physicians. Proper records were filed in each school. Remedial clinics will be necessary if satisfactory results are to be obtained in the correction of defects.

Miss Smith, who had recently come to the district, was assigned to an entirely new field at Kirkland Lake, where she carried on a complete survey in the town and in the Township of Teck. The public generally and the municipal officials were greatly impressed by her work but were prevented from appointing a municipal nurse by financial difficulties.

In June Miss Hally was sent to do rural work in the northern end of the district, in the section between Matheson and Cochrane, while Miss Smith was assigned to some fifteen townships in the rural area between New Liskeard and Englehart. Most of the townships in this division are unorganized and the settlers are indigent. Governmental appropriations will be necessary if the defects of children are to be corrected. Mouth and throat conditions particularly require attention.

Two new nurses were attached to this district in June and appointed to the rural area between Sturgeon Falls and Warren. This comprises some thirty townships. These nurses are Miss McEwan and Miss Pennock. It is to be regretted that we lost the services of Miss McEwen for a couple of months as the result of an accident while on duty, which incapacitated her for that length of time.

This office would suggest that the rural summer work be discontinued not later than October first, and that the nurses be assigned to urban centres in order if possible to control the marked rise in the incidence of communicable diseases in the fall months after the opening of school.

SUMMER TOURIST CAMPS

Summer tourist camps have not been a serious problem in this district during the past year as there were only seven. Of these two meet the requirements of the Provincial Department and were given banners signifying the approval of the Provincial Department of Health. These were located at North Bay and Sudbury. That at Sturgeon Falls was not used and received no supervision. That at Sundridge received considerable attention but fell somewhat

short of the approval of the Department. The well was chlorinated and cleaned out at Trout Creek and the privies put in good condition, but the supervision necessary for cleanliness was not given. Late in the year the Northern Development Branch opened a tourist camp at Tilden Lake, about twenty-five miles North of North Bay on the new road to Cobalt and the North. It has been suggested that someone be given a concession to run a gas station and provide meals and refreshments at this camp in return for which he keep it clean.

When this road is completed next year many more such camps will be established, while other municipal camps will be opened, in important towns.

WATER SUPPLIES

With the exception of four, all public water supplies within this district are chlorinated. Of these four, one is filtered, one is a ground supply, one is spring water, and the other is from a lake which has no residents on the watershed.

Although the municipal supply in Timmins is chlorinated it came under suspicion last fall because of the occurrence there of several cases of typhoid. No other source seemed to so well explain the outbreak. In the pump house there are six pumps, each drawing from a well through separate suction pipes. The chlorine is fed into the well at the mouth of the intake from the river. All six pumps are not in continuous operation and as half of the suction pipes are on either side of the intake to the well, there is reasonable grounds for doubt as to the thorough mixing of the water and chlorine. It was suggested that an air jet be placed in the well to insure thorough mixing.

Elk Lake is a village on the west bank of the Montreal River at the mouth of Bear River. There are few good wells in the village and at least three quarters of the residents depend on either river for their domestic needs. An inspection of premises abutting the rivers indicated that the water was receiving a serious amount of pollution. Cesspools and privies frequently had direct outlet to either river. The residents were notified to boil all river water used for drinking purposes, while a thorough clean-up was instituted. Overflows from cess-pools were cut off and privies were made sanitary. This general support to a new but efficient sanitary inspector will, I believe, be the means of maintaining proper conditions and preventing them reverting to the previous state.

The chemist of the Division of Sanitary Engineering endeavoured to get the council at Haileybury to provide for further treatment of their supply in order to obtain a clear sparkling water, free from all colouring matter. These efforts were unfortunately unsuccessful.

SEWERAGE SYSTEMS AND SEWAGE DISPOSAL

The sewage disposal plant at Timmins (activated sludge) has been the subject of frequent investigations due to the poor quality of the effluent at times. However, in the fall at the direction of Mr. Downey, one of our sanitary engineers, the settling chamber was emptied. It was found that the hopper bottom was not sufficiently steep to allow the sludge to slide down so that it could be carried off with the air lift. A thorough cleansing promptly improved the effluent. A man is now kept continuously at the plant to keep the sludge from lodging on the sides of the hopper. It is the opinion of this office that the settling tank is too small, or in other words the town has outgrown its disposal system. The town was organized in 1910 and now has a population of over fifteen thousand. It is of the utmost importance that this plant work efficiently as a municipal

water supply is taken from the river seventy miles farther down at Smooth Rock Falls. Settlers along the river below the town depend almost entirely on the river for domestic needs and this has resulted in frequent cases of typhoid among them.

In August the Deputy Minister visited the district in regard to the sewage disposal works at Timmins and Cochrane. His efforts in Cochrane were directed toward having the plant put into operation. It had lain idle for nearly two years pending completion of a power agreement. However, after considerable trouble, power was at last delivered to the municipality from Island Falls by the Abitibi Power and Paper Company early in 1926. A request by the Deputy Minister, coupled with his assurance to the municipality that the Department would supply a competent sanitary engineer to supervise its performance until satisfactory, was all that was necessary to have the power turned on. The Cochrane disposal plant was put into service in September.

At Kirkland Lake we have another example of a municipality which has rapidly outgrown its sewer system. As the septic tanks had proven too small from the first, and since the lake which receives the effluent is rapidly filling up with tailings from the mines, the municipality has been forced to reconsider other sewer outlets and other forms of treatment. To add to these problems, the sewer on the main street is already so overloaded that it was necessary to lay a new sanitary sewer on the other side of the street to supplement the old one. Regarding treatment, the new plans and specifications have not yet received final approval.

At Parry Sound a number of private sewers and several public sewers empty into the Seguin River between the upper and lower dams. The lower dam was burned out two or three years ago, causing a lowering of the water, so that the bed of the river is exposed. Consequently during the hot summer weather the outfalls of these sewers along the banks are above the water level, with resulting nuisance. Efforts were made to secure control of the lower dam and have it rebuilt, but satisfactory arrangements could not be completed with the owners. However, late in the year the property changed hands and the council are confident that a solution of their problems will be reached.

Sewage treatment at North Bay is a cause of complaint each year. It is only a matter of a comparatively short time until the city will be forced to provide more adequate treatment. The use of storm sewers for sanitary purposes has resulted in nuisance at the outlet.

Sudbury has no treatment as yet, with the result that complaints have been received by the Department during the past year. Treatment is needed. Both these last two municipalities should be warned to prepare for these necessary expenditures.

MILK

Early in the year a careful investigation was made of the milk supply of the Eplett dairy at Timmins. Some of the local physicians had taken an antagonistic attitude toward that supply. To terminate these complaints the company requested the Department to investigate. As Eplett's milk comes from producers in the vicinity of New Liskeard, the Department, under the Division of Sanitary Engineering, established a laboratory at that point. The milk from certain producers was found unsatisfactory. Either the milk was dirty or the bacterial counts were excessively high. As fast as these errors were discovered the producers were notified, with the result that within three weeks the bacterial counts of this milk taken from the delivery wagons in Timmins had dropped to

below 10,000 per c.c. With the bacterial count below 10,000 per c.c. and the added advantage of being pasteurized, in the opinion of this office Eplett's milk became the best in Timmins. Unfortunately Eplett did not continue to use our district laboratory in North Bay to keep check on his producers, with the result that samples sent to us by the local board of Timmins did not show comparable counts with those obtained after the corrections were made. During the hot summer weather the counts became high again, then as the weather became cool the bacterial counts dropped.

A complaint came to the Department by one of the dairymen at Monteith. His chief objection was lodged against the sale of milk by the Government Farm to consumers in the village. This office was very sympathetic to the principle at the basis of the complaint, but an inspection of his dairy revealed conditions which could not compare with those at the Experimental Farm. The services of the Department were offered to assist in putting his supply in the best possible grade. However, it was felt that it would be a hardship to prevent the Experimental Farm selling to those who take the trouble to go after it until such time as the local producers could deliver an article reasonably its equal.

In the larger towns within the district careful supervision must be kept on the milk dealer. Unlike the producer, the milk dealer is not confronted with any marked increase in cost. They are therefore not entitled to share in the price increase necessitated by the increased cost of production in winter months.

MINISTER'S VISIT

The Minister visited the district during the late summer. His visit on this occasion was largely to obtain first hand information regarding the working of the chest clinic of the Industrial Division, which was then in operation at Creighton, and afterwards at the Froid Mine. This office wishes to express its appreciation of these visits as it affords opportunity to bring to the attention of the head of the Department matters which appear in an entirely new light when seen on the ground.

STANDARD CAMPS FOR LUMBERMEN

Standard camps have now been a compulsory requirement for some five years. As pointed out *before they were introduced*, it has been found impossible to enforce one interpretation of sanitary principles to the exclusion of all others. As a result, the standard forms for camps are not being complied with, neither can they be. In order to save the camp regulations as a whole from the general disrepute into which they have fallen, it is advisable that those regulations making standard forms compulsory be *amended* so that they appear as recommendations or suggestions. This will enforce on lumbermen in unorganized territory sound and sane principles of sanitation without the arbitrary interpretation of the present standard forms. Lumbermen will be placed, in regard to sanitary principles, on the same level as other employers of labour in such territory.

A camp which is sanitary in all but one particular cannot have that weakness corrected unless the form is in accordance with those prescribed in the standards. Authority should be placed on sanitary inspectors to make necessary corrections and enforce principles without having to close the camp and put the men out of work because of this lack of form. Previous camp regulations provided that owners or their agents must make their camps comply with the regulations to the satisfaction of the inspector of the Department. Indeed, the inspectors

are exercising this authority without the necessary legal provision. Such provisions could be inserted in the amendments above mentioned.

VITAL STATISTICS

In order to make scientific progress in this office exact, quantitative must replace qualitative data. The mortality statistics should be available as a guide to indicate where supervision is most required. The returns of Births, Marriages and Deaths should pass through the office of the district officer on its way to the central office in order that he may have the information at the earliest date. This office respectfully suggests that a clerk or secretary be attached to each district in order to compile the records as they are received.

DISTRICT No. 7.

G. L. SPARKS, M.D.

I beg to submit for your information the following report outlining the work done during 1926 in District No. 7, which includes the Districts of Thunder Bay, Rainy River, Kenora and Patricia:—

The 1926 annual meeting of the Ontario Health Officers' Association was attended in Toronto during the month of May; and following this meeting the District Officers were called to a brief conference with the Deputy Minister of Health. At this conference we were advised that definite regulations had not been adopted as a result of the 1926 survey of motor tourist camps, refreshment booths and summer camps, but that a set of minimum requirements had been drawn up covering motor tourist camps and a set covering refreshment booths. In either case the requirements, if met, would call for a certificate of approval to be issued by the District Officer of Health or other authorized inspector appointed by the Department. We were also advised that it was the intention of the Department that—as in 1925—an engineer from the Sanitary Engineering Division be detailed temporarily to each district, and that it would become the district officers' duty to accompany the engineer on his inspections of motor tourist camps and refreshment booths. Mr. F. R. Manuel finally arrived in Fort William about the middle of August; and while the season in this area was nearly at an end, we were able to visit six (6) motor tourist camps and forty-two (42) refreshment booths in the Districts of Thunder Bay, Rainy River and Kenora. In no case was a certificate of approval issued to a motor tourist camp in District No. 7. Two (2) certificates of approval were issued to refreshment booths, one in the District of Thunder Bay and one in the District of Rainy River.

ROUTINE VISITS TO MUNICIPALITIES

Owing to the time spent in accompanying the sanitary engineer on the inspection of motor tourist camps and refreshment booths, I found it impossible to complete the customary annual routine inspections in the municipalities of Fort Frances, Rainy River, Kenora and Keewatin. However, routine inspections were carried on in the following municipalities: Fort William, Port Arthur,

Dryden, Shuniah (summer resorts), Sioux Lookout, Nipigon, Schreiber and Ignace. Reports covering the above visits and inspections were duly forwarded to the Department.

DAIRIES

Dairies were inspected in Fort William, Port Arthur, Dryden and Schreiber. I have endeavoured to encourage the local health authorities in Fort William and Port Arthur to continue to make use of the facilities available at the Department's Branch Laboratory in the matter of bacterial counts on milk samples. A considerable percentage of Fort William's milk supply is pasteurized and this is also the case in Port Arthur. Practically all this milk (pasteurized) is produced in the country adjacent to the two cities but not under continuous supervision (at the seat of production) by the city milk inspectors. The city health authorities are therefore faced with the necessity of exercising a continuous check over the efficiency of the pasteurization process, and over the sanitary conditions governing the pasteurization and distribution of the milk. The bacterial count supplies this check which is of equal value when applied to the efficiency of the sterilization of milk bottles, utensils and other apparatus in use at the milk pasteurization and distribution plants.

After reading certain memoranda received from the Deputy Minister of Health it has appeared to me that there may have been some ground for a misinterpretation of the intent and meaning of existing legislation, relative to the production and sale of milk for human consumption, and I believe that there should be no doubt as to the authority conferred upon medical officers of health and local boards of health in the matter of their control over the sanitary conditions affecting the production and sale of milk for human consumption.

WATER SUPPLIES

Attempts have been made to continue to secure adequate supervision over water supplies in municipalities, and in the case of the water supply of the village of Nipigon, a special report (dated October 26th, 1926) has been forwarded to the Department. In municipalities where water chlorination plants are in operation, I have consulted with the local medical officers of health whenever bacteriological examinations of water samples (chlorinated) sent to the laboratory indicated pollution with colon bacilli. During the season of navigation an assistant in the branch laboratory at Fort William—acting under the supervision of the Dominion Department of Health—collected routine samples from the water supplies on Great Lakes steamships arriving at the head of the lakes. Copies of all laboratory reports of bacteriological analyses of these samples were supplied to me; and in the case of a report indicating pollution with colon bacilli, the matter was brought to the attention of the steamship company concerned. Similar action was taken with regard to laboratory reports indicating pollution of miscellaneous samples sent in by medical officers of health or others.

During the month of July, I accompanied the Minister of Health, the Deputy Minister of Health, and local health officials of the city of Port Arthur on an inspection of the Current River watershed, adjoining the city of Port Arthur. In March, 1926, the C.P.R. completed the installation of a liquid chlorine control apparatus in connection with their water supply at Ignace. Inspections of water chlorination plants in District No. 7 were made by Mr. F. R. Manuel, from the Sanitary Engineering Division, during the course

of his survey of motor tourist camps and refreshment booths. Similar inspections by a sanitary engineer should be repeated every two months throughout the year.

SEWAGE DISPOSAL, NIGHT SOIL, MANURE AND GARBAGE DISPOSAL

In the municipalities visited during the year, the importance of adequate measures relative to the above was urged upon the local health authorities.

SUMMER RESORTS (Municipality of Shuniah)

During the summer season I accompanied Dr. C. N. Laurie, M.O.H., on inspections of the following summer resorts in the municipality of Shuniah:— Pearl, Loon Lake, Birch Beach, Amethyst Harbour, Silver Beach, Silver Harbour, Wild Goose Beach, Green Bay Beach and Ishkabibble Beach. The municipal council continued during the 1926 season the practice of appointing a full-time sanitary inspector for the months of July and August; and the improvement in sanitary conditions at the above-mentioned summer resorts was largely due to the inspector's good work.

TERRITORY WITHOUT MUNICIPAL ORGANIZATION

At the present time there is no adequate local health machinery in the territory without municipal organization in District No. 7. The area of the district is large and it is physically impossible for one official to properly discharge the duties of a local medical officer of health throughout the above-mentioned unorganized territory. Annual sanitary inspections of public schools in this unorganized territory would appear to be as necessary as seem to be the case in municipalities where local medical officers of health have been required by the Department to submit annual reports of such inspections. Health education is vital to real progress in public health; but the prime requisite is to begin at the beginning and to require the provision of adequate local health machinery throughout the entire district. An immediate solution of the problem may be impossible owing to economic considerations; but wherever practicable, the authority of the present part-time rural medical officers of health should be tentatively extended over the unorganized agricultural townships adjacent to the rural municipalities, and provision should be made for reasonable remuneration for services rendered. During recent years an imposing superstructure has been built up in the matter of public health organization; but until adequate local health machinery exists in the territory without municipal organization, there can be no uniform health supervision throughout the rural areas of this district.

COMMUNICABLE DISEASES

The smallpox outbreak at Atikokan (unorganized), in the District of Rainy River, was kept under control and finally brought to an end as a result of efficient supervision by Mr. W. C. Millar, District Provincial Sanitary Inspector. Mr. Millar was placed in charge of the smallpox situations at Rocky Inlet and Atikokan, and the outbreak at Atikokan was limited to five cases, of which two were fatal. The outbreak at Rocky Inlet apparently had no direct connection with the Atikokan cases and did not progress beyond two mild cases noted in my annual report for 1925. Dr. Robert Henderson, of Atikokan, also deserves great credit for his faithful work throughout the course of the outbreak at Atikokan.

During the first five months of the year isolated cases of smallpox developed among Canadian National Railway employees at Glenorchy, Thompson's Spur (near LaSeine), and Bears Pass, all in territory without municipal organization in the District of Rainy River. The question of the responsibility for the care of the patient at Glenorchy (C.N.R. sectionman "Habachuk") has been a matter of controversy with the Canadian National Railways. The Glenorchy case was supervised by Mr. W. C. Millar, District Provincial Sanitary Inspector; and Mr. Millar also took the necessary measures to quarantine the case at Bears Pass, while I visited this patient previous to his release from quarantine. During the last week in April I visited LaSeine (unorganized) to deal with a C.N.R. extra gang, in which one of the employees ("Mike Sidor") had become ill, and on going to Fort Frances for medical advice, had been discovered as ill of smallpox. I took the necessary measures to quarantine and vaccinate all members of this extra gang; and I then proceeded to Fort Frances, where I learned that the local health authorities had already made provision for the patient's care and quarantine. From copies of correspondence since received from the Fort Frances town clerk it would appear that the town of Fort Frances has been put to the expense of approximately four hundred dollars in connection with the care and quarantine of this Canadian National Railway employee, who became ill of smallpox while employed in a C.N.R. extra gang working in territory without municipal organization in the District of Rainy River.

According to the latest correspondence received from Dr. Robert Henderson, of Atikokan, I understood that Dr. Henderson had been unable to collect (either from the Canadian National Railways or from the Ontario Department of Health) his account of \$120.00 for his professional services to the C.N.R. sectionman ("Habachuk"), while ill of smallpox at Glenorchy, in territory without municipal organization in the District of Rainy River.

The entire history of the controversy with the Canadian National Railways regarding the responsibility for the care of the above two C.N.R. employees while ill of smallpox is a revelation of the unfortunate conditions affecting public health work in the territory without municipal organization in District No. 7. If the regulations for the sanitary control of mining camps, sawmills and other industries situated in unorganized territory are not applicable to railway section gangs, extra gangs, maintenance of way gangs and other railway labour employed in territory without municipal organization, it would appear that the above regulations impose responsibilities upon lumber companies and individual employers of labour from which the wealthy and powerful railway corporations are exempt. The point at issue is of considerable public health importance to this district, as it also includes the placing of the responsibility for the sanitary supervision of railway extra gangs and other gangs that are moving up and down the railway lines throughout the summer season.

During the summer months a case of smallpox developed in the city of Fort William, but fortunately there were no secondary cases so far as known.

The prevention of smallpox epidemics in municipalities depends largely upon the thoroughness with which the Vaccination Act is enforced by the local authorities, and in territory without municipal organization upon the extent to which people may be persuaded to submit to vaccination against smallpox.

On July 19th, accompanied by Miss S. M. Carr Harris, public health nurse, I visited the home of a settler in the unorganized township of Stirling, for the purpose of dealing with an outbreak of diphtheria; and the two patients were brought to the Fort William municipal isolation hospital. Two subsequent

visits were made to that township and all contacts were released from quarantine after the required negative swabs were obtained.

During May, July and August, I visited two families in the unorganized township of Lybster to deal with scarlet fever patients in each family, and in November three visits were made into the unorganized township of Scoble in connection with an outbreak of scarlet fever in that township. Miss S. M. Carr Harris, public health nurse, devoted considerable time to the supervision of the cases and contacts in Scoble township, and her assistance was very valuable in limiting the spread of the disease.

During September and October four visits were made to Jackfish, where two cases of typhoid fever had developed. Jackfish is an unorganized community on the north shore of Lake Superior, and most of the residents are C.P.R. employees. The two patients were not C.P.R. employees; and owing to the danger of the spread of infection, I obtained authority to send Miss S. M. Carr Harris, public health nurse, to Jackfish for the purpose of training the untrained attendants who were nursing the patients, also for the purpose of maintaining supervision over the remainder of the community. I endeavoured to carry on general anti-typhoid inoculations at Jackfish and was successful in giving the complete series of three inoculations to forty-two children and adults, nearly half the population. Five others received two inoculations and two received one inoculation. Fortunately, no additional cases of typhoid fever developed in Jackfish.

I have met with considerable difficulty in facilitating the removal to a sanatorium of a tuberculosis patient resident in the municipality of Alberton, District of Rainy River. When I was first notified as to this case, I referred the matter to the local health authorities; but the local health authorities apparently declined to take action to have the patient removed to a sanatorium or hospital, and after four months of fruitless endeavour I was finally able to have the patient removed to the sanatorium at Gravenhurst. Misses Howey and Squires, district public health nurses, assisted in the supervision of this patient, and Miss Howey accompanied the patient during her journey to Gravenhurst.

The problem of the removal to sanatoria of indigent and other tuberculous patients is difficult enough owing to the fact that there is no sanatorium in Ontario nearer than Gravenhurst; but when an endeavour to enforce the particular regulations connected therewith develops into an obstacle race, their application to specific situations becomes painfully deliberate.

The following table has been compiled from the weekly returns of communicable diseases sent to this office as having been received by the Department from the secretaries of local boards of health in District No. 7, during the year 1926. The figures are not to be taken as representing the exact numbers of cases and deaths from communicable diseases; but they may have some value as an index of the communicable diseases reported from municipalities in the district:—

Diseases	Cases	Deaths	Diseases	Cases	Deaths
Cerebro spinal meningitis..	1	0	Pneumonia, (a) acute lobar	28	18
Chicken-pox.....	110	1	Pneumonia, (b) bronchial..	27	15
Diphtheria.....	63	9	Puerperal septicaemia.....	0	1
Erysipelas.....	1	0	Scarlet fever.....	91	4
Gonorrhoea.....	3	0	Smallpox.....	1	0
Goitre.....	1	0	Syphilis.....	1	0
Influenza.....	8	0	Tuberculosis.....	21	10
Measles.....	499	2	Typhoid fever.....	6	0
Mumps.....	118	0	Whooping cough.....	38	0

OTHER DEPARTMENTAL ACTIVITIES

To obtain a correct appreciation of the public health work carried on in District No. 7 by other officials and employees of the Ontario Department of Health, it is necessary to consult the annual reports submitted by the Director of the Branch Laboratory at Fort William, the District Provincial Sanitary Inspector and the District Provincial Public Health Nurses. With final reference to your District Officer's duties, I would say that the detailed investigations following the receipt of Widal, water analyses and other laboratory reports would be impossible were it not for the very efficient work of the office stenographer.

DISTRICT No. 8

H. W. JOHNSTON, M.D.

I have the honour to submit the following report of public health activities in District No. 8 for the year 1926.

During the year more time than usual has been spent in the promotion of public health in unorganized territory where the Department is directly responsible for the administration of the Health Act and regulations. An endeavour has been made to work out some system of service which could be made more regular than has been possible in previous years. Owing to the very large and scattered territory to be covered, and owing to the frequent emergency conditions requiring attention, the attempt to give an adequate service to more isolated communities has been only partly successful.

The incidence of an unusual amount of scarlet fever and measles in the district has required a lot of time in supervision and control methods, but it has also offered a very extensive opportunity to bring before the public the necessity for the use of the recently developed systems for preventive inoculation in the case of scarlet fever particularly. As a result, a number of communities have undertaken to assist in the education of the public by providing free inoculation for school children. In most cases this service includes both prevention of scarlet fever and diphtheria. In many other communities the idea is developing and it is intended to stress the particular advisability of having pre-school children protected.

The district has been particularly fortunate in the very small number of smallpox cases. The total of ten cases were reported for the year. Eight were limited to unvaccinated members of one family, and the other two were isolated cases where the source of infection could not be discovered and from which there were no other known cases receiving infection. A strenuous vaccination campaign and particularly thorough and early control of contacts, under the direction of the local health officers, prevented any more serious outbreak.

Fourteen reported cases of typhoid fever required investigation. Eight were traced to an unsupervised water supply in a road construction camp. Three were probably due to a carrier from a contaminated milk supply on a farm. The other three cases developed in the section near Hearst and the source of infection could not be located.

Diphtheria was limited to six cases with two recorded deaths. Four of these cases were presumed to arise in a school from an undetected carrier.

In regard to tuberculosis, decided progress is being made in securing early diagnosis and treatment of cases. In Sault Ste. Marie and the immediately surrounding country, much benefit has been derived in this line from the diagnostic clinic provided by the Department. In connection with this clinic, a very thorough canvas of cases and contacts was made two years ago and the benefit is quite apparent in connection with another clinic which Dr. Brink is conducting in the city during the present week. The public health nurses in rural sections have also done much good work in educating contacts and arranging for proper care of patients.

During the year two series of medical examinations among groups of public schools were conducted by Dr. MacKenzie Smith in the public school nursing area served by Miss Grenville. Physical examinations were made of all school children in Bruce Mines, Nesterville, Thessalon, Blind River and over a large rural section west from Iron Bridge. One particularly interesting piece of work was carried on in a High School group. The unusual interest created among these students impressed the idea of the necessity of public health education in groups who were old enough to appreciate health values and who were, in many cases, qualifying for the teaching profession. Dr. MacKenzie Smith's work was very much appreciated both for its value in discovering conditions requiring correction and for its general educational value.

The public health nursing service has been greatly improved by an increase in the number of nurses and by allotments of specified areas to the nurses where a more definite programme can be carried on with the hope of being able to carry on and repeat demonstrations of work.

Following a medical survey of schools in Sault Ste. Marie, provided as a voluntary service by the Medical Society, interest has been aroused particularly in goitre prevention, dental treatment, and the problem of undernourished children. Preventive goitre treatment is being provided in the schools. The Dental Society has undertaken a more comprehensive dental survey with recommendations for treatment, and the health committee of the School Board is investigating the problem of undernourished children.

A number of opportunities were offered during the year for co-operation with the Social Hygiene Council. A series of demonstrations and public health meetings were arranged jointly by the Department of Health and the Social Hygiene Council for the following communities of the district with exhibits, moving pictures, slides and addresses: Sault Ste. Marie, Thessalon, Blind River, Espanola, Little Current, Mindemoya and Gore Bay. Much value would be derived if it were possible to have a similar series of meetings under the same auspices in the rural sections of the district where it is usually difficult to carry on social hygiene education.

In rural and unorganized areas the public health nurses have frequently to deal with health problems of physically defective children where there is no possibility of the parents being able to provide treatment. During the year, through contact with the crippled children's clinics, Rotary and Lions' Clubs, it has been possible to have many needy cases receive treatment for crippled conditions, defective vision, and nose and throat defects. Our association with this more apparent service has been an added means of impressing the value of the whole public health programme in places where it was difficult to secure local co-operation.

A programme of industrial hygiene in the three plants of the Spanish River Pulp & Paper Company has been progressing steadily and during 1926 a system of physical examination of employees was added to the service. Through a

voluntary relief association organized among the employees, improvement was also made in providing surgical assistance for conditions not covered by medical contract.

During the year a number of opportunities have presented for co-operation with officers of the Children's Aid and Mothers' Allowance Board in problems arising where health has an important bearing on the welfare of the families requiring assistance in these departments.

Public health education, as one of the most important branches of health service, has been constantly stressed in the district. Practically all other problems arising provided an opportunity for opening this subject. Advantage has been taken when visiting schools to discuss public health subjects with the pupils. Demonstrations have been arranged for agricultural societies and school fairs throughout the district. Addresses have been prepared for meetings of women's organizations, rural clubs, church and welfare societies. The value of this type of work would be improved by the provision of a series of health films. In the rural areas particularly, the picture always assures an interesting audience in addition to its value as a health story.

During the months of July and August, the supervision of places providing accommodation for tourists was conducted throughout the district. Mr. Downey, of the Sanitary Engineering Division, was associated in this work and the field was thoroughly covered. Certificates were made out for a number of camp sites and refreshment booths. Many others were just developing and were not yet sufficiently equipped to meet the requirements of the Department. Much improvement will be made during the coming tourist season.

FIFTY-NINTH ANNUAL REPORT

OF THE

INSPECTOR OF PRISONS
AND PUBLIC CHARITIES

UPON THE

Hospitals for the Insane Feeble-minded and Epileptic

OF THE

PROVINCE OF ONTARIO

Being for the Year ended 31st October

1926

PRINTED BY ORDER OF

THE LEGISLATIVE ASSEMBLY OF ONTARIO



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INTRODUCTION

The history of the average citizen of Ontario will never be written,—not because it is lacking in interest, but because its record of achievement is the general average and is therefore of such common knowledge that we all know it.

But there are two classes of society whose lives are of sufficient interest to form a part of a library. They represent the two extremes. The one is the few outstanding intellectual giants who have accomplished something. These have done work of benefit to mankind. The other class belong to the subnormal population, many of whom have done little work of permanent value, but becoming insane, they were placed in public institutions and their statistical records are found in Parliamentary Reports on the Insane, Feeble-minded and Epileptics.

The following table shows the changes which took place in one year in the population of the Ontario Hospitals.

	1925	1926	Increase
Total number in residence at the beginning of the year.....	9,144	9,524	380
Total number in residence at the end of the year.....	9,524	9,656	132
Average daily population.....	9,203	9,471	268
Applications on file.....	683	814	131
Number of admissions.....	2,299	2,016	.....
“ “ discharges.....	1,030	1,010	.....
“ “ deaths.....	579	688	.....
“ “ deported.....	83	66	.....
“ “ eloped.....	31	53	.....

If we multiply the increase of 268 in the average daily population by the cost of about \$1 per day we find that it cost the Province \$97,820, or in round numbers \$100,000 more in 1926 than in 1925 to support the insane population.

After reading this table a very proper question to ask is this: Is the Province prepared to continue the present programme of an annual by increasing cost for the support of this class of persons? An alternative programme is found in the deliberations of the Canadian Committee of Mental Hygiene. This society at a recent Conference decided that the present system of building and maintaining large public institutions has outlived its usefulness. They recommend the adoption of the Colony System for the care of subnormal persons who are not violent and who do not have to be restrained. It is claimed on behalf of this system that it has two merits. One is that the cost of maintenance is much less and the therapeutic results show a higher percentage of cures, both partial and complete, than what is shown in the Ontario Hospitals. The proposal is worthy of consideration which is the reason why it is briefly mentioned in this report.

The present report, which is the 59th since Confederation, shows the operations of twelve mental hospitals for the year ended October 31, 1926. It has an interest for the average reader because the latter is still blessed with the possibilities of mental and physical fitness and with a desire to live and die outside the walls of a hospital for the insane;

In the year 1926 there were 2,016 persons in Ontario who failed in this purpose and because of their failure they were placed in Ontario hospitals to swell the already overcrowded population of these institutions.

These 2,016 persons represent all classes of citizens. Why should any one go insane? Is it inevitable? Why should 430 persons, highly educated and specially trained, and 287 labourers, 260 mechanics and 195 farmers of Ontario become insane in one year? This is what happened, and the average citizen asks these questions, and because no answer is given this citizen looks upon insanity as something mysterious—some sudden affliction due to some unknown cause. Is it not a logical position to take, that until we know the hidden causes of insanity we cannot understand or cure it? In 1926, 712 insane persons were admitted to Ontario hospitals whose history is so obscure that no cause was known why they became insane. The apparent causes why the remaining 1,304 became insane is found in Table No. 6 on page xvii of this report.

Some of the more violent types of insanity apparently appear without any warning, but when the cause is discovered it will be found that the psychopathic history of these persons disclosed a gradual change from the mental average to the subnormal. Here is a wide field of research for the prophylactic philosopher and psychologist. In his address to the physicians of Toronto about fifteen years ago the late Sir William Osler made the statement that "the time may come when the medical profession will have to adopt a new psychology in relation to cancer and insanity." In view of the steady increase in these maladies, the one physical and the other mental, it would appear that the time has come when this prophecy is being fulfilled.

One can go a step further and say that the permanence of the human race will depend on the success of our efforts to prevent what we cannot now cure, for in this unexplored realm of activity the human race is a world-unit.

It is frequently urged by eager optimists that civilization holds within itself the saving clause for all its defects, defects which are more apparent than real. There is nothing more real than a diseased imagination, a distorted intelligence, or a collapsed mentality. The optimist divides the earth's population into two classes, the civilized and the uncivilized, and having done so generalizes to his own satisfaction upon the achievements of civilization. But all of the 2,016 persons in Ontario in 1926 and who entered hospitals for the insane were civilized. Civilization did not save them from becoming insane. The saving element must be sought in something far deeper than in the hopes of a mechanical and commercial civilization.

For two centuries civilization has been building hospitals for insane persons and for idiots and imbeciles and all this time civilization has been filling the hospitals with its own victims. Every student and every social philosopher knows this and some of them are teaching it in schools and in universities, while others with a mathematical mind are figuring out how long the human race can exist with the daily increase in the number of psychopathic children. When confronted with the signs of the times they point to the number of social agencies to regenerate society. Every city directory has many pages filled with the names of organizations whose endeavour is to lift up the fallen, to educate the imbecile, but yet our social customs give the opportunity to propagate undesirables who ultimately become a burden to be carried by others. Some day may we not awake and find that the burden is too heavy to bear any longer?

The children of those addicted to immorality and given over to unnatural excesses start life with a morbid tendency and with an impaired mental equipment. Many fall by the way in infancy and in middle life and land in gaols and

in hospitals for the insane and for imbeciles. It is not possible to have a sane and healthy national life so long as agencies of mental and physical degeneration continue to operate in our midst. In connection with the care and treatment of the insane and the feeble-minded, medical treatment and custodial care have their place. Signs are not, however, lacking to indicate a healthy and desirable awakening on the part of the general public as to the necessity of more intensive research work on the part of the medical profession as to the causes of mental disease; further, in many sections of the continent the public have demanded and secured legislation, as yet largely experimental, with a view to in some measure limiting the propagation of feeble-minded children.

H. M. ROBBINS,

Deputy Provincial Secretary.

TABLE
Showing the movement of the Hospital population

	Brockville Hospital			Cobourg Hospital
	Male.	Female.	Total.	Female.
Capacity of Hospital.....	428	402	830	419
In Residence, Oct. 31st, 1925.....	424	406	830	422
Admitted during year 1926:				
By Warrant.....	1	.....	1	1
By Medical Certificate.....	98	96	194	16
Voluntary.....	.....	.....	.....	.....
Total number under treatment during year.....	523	502	1,025	439
Discharges during year:				
As recovered.....	33	26	59	.....
As improved.....	26	36	62	9
As unimproved.....	2	2	4	.....
As not insane.....	3	2	5	1
Total number discharged during year..	64	66	130	10
Died.....	33	24	57	16
Deported.....	.....	.....	.....	.....
Eloped.....	4	.....	4	.....
Transferred.....	1	.....	1	3
Total number remaining in Hospital, October 31st, 1926.....	421	412	833	410
Number of applications on file.....	14	11	25	.....
Daily average population.....	430	416	846	411
Collective days' stay of all patients in residence during year.....	156,852	152,041	308,893	150,121

No. 1.

for the year ending October 31st, 1926.

Hamilton Hospital.			Kingston Hospital.			London Hospital.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
656	639	1,295	311	268	579	590	596	1,186
702	684	1,386	303	266	569	705	693	1,398
65	50	115	2	1	3	40	7	47
84	100	184	57	51	108	115	162	277
5	.....	5	.....	.....	.....	14	11	25
856	834	1,690	362	318	680	874	873	1,747
14	2	16	25	22	47	56	49	105
49	84	133	11	21	32	38	35	73
2	1	3	3	.....	3	5	2	7
.....	.....	.....	1	.....	1	.....	.....	.....
65	87	152	40	43	83	99	86	185
53	45	98	20	22	42	73	59	132
9	3	12	1	.....	1	6	2	8
6	.....	6	5	.....	5	4	.....	4
2	4	6	.....	.....	.....	.....	2	2
721	695	1,416	296	253	549	692	724	1,416
2	2	4	1	.....	1	.....	.....	.....
717	695	1,412	304	260	564	694	705	1,399
261,619	253,869	515,488	110,975	95,122	206,097	253,379	257,437	510,816

TABLE

Showing the movement of the Hospital population

	Mimico Hospital.			Penetang Hospital.		
	Male.	Female.	Total.	Male.	Female.	Total.
Capacity.....	300	300	600	165	219	384
In residence, Oct. 31st, 1925.....	318	307	625	164	203	367
Admitted during year 1926:						
By Warrant.....	26	25	51	4	13	17
By Medical Certificate.....	27	24	51	4	19	23
Voluntary.....	2		2			
Total number under treatment during year.....	373	356	729	172	235	407
Discharges during year:						
As recovered.....	16	16	32			
As improved.....	11	5	16	1	2	3
As unimproved.....						
As not insane.....						
Total number discharged during year.	27	21	48	1	2	3
Died.....	21	14	35	5	15	20
Deported.....						
Eloped.....	1		1	1		1
Transferred.....	8	20	28			
Total number remaining in Hospital, Oct. 31st, 1926.....	316	301	617	165	218	383
Number of applications on file.....	43	21	64			
Daily average population.....	314	299	613	168	205	373
Collective days' stay of all patients in residence during year.....	114,545	109,285	223,830	58,505	77,555	136,060

No. 1—Continued.

for the year ending October 31st, 1926.

Toronto Hospital			Whitby Hospital.			Orillia Hospital.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
350	448	798	737	728	1,465	536	563	1,099
395	461	856	726	722	1,448	661	638	1,299
61	23	84	53	15	68	6	4	10
138	119	257	83	135	218	75	50	125
25	11	36	30	22	52			
619	614	1,233	892	894	1,786	742	692	1,434
50	49	99	24	41	65			
46	47	93	26	28	54	17	8	25
13	4	17	6	10	16	4	2	6
2	1	3		2	2			
111	101	212	56	81	137	21	10	31
69	36	105	50	49	99	46	26	72
21	15	36	6	1	7		1	1
13		13	13		13	6		6
1	19	20		3	3	3		3
404	443	847	767	760	1,527	666	655	1,321
9	8	17	16	7	23			680
395	427	822	716	710	1,426	639	636	1,275
144,175	155,855	300,030	262,772	257,540	520,312	233,500	232,312	465,812

TABLE No. 1—*Concluded.*

Showing the movement of the Hospital population for the year ending October 31st, 1926.

	Woodstock Hospital.			Guelph Hospital.	Gross Totals.
	Male.	Female.	Total.	Male.	
Capacity of Hospital.....	104	114	218	80	8,953
In Residence, Oct. 31st, 1925.....	104	111	215	109	9,524
Admitted during year 1926:					
By Warrant.....				1	398
By Medical Certificate.....	14	13	27	18	1,498
Voluntary.....					120
Total number under treatment during year.....	118	124	242	128	11,540
Discharges during year:					
As recovered.....				5	428
As improved.....	4	5	9		509
As unimproved.....	3	2	5		61
As not insane.....					12
Total number discharged during year.	7	7	14	5	1,010
Died.....	6	4	10	2	688
Deported.....				1	66
Eloped.....					53
Transferred.....				1	67
Total number remaining in Hospital, Oct. 31st, 1926.....	104	114	218	119	9,656
Number of applications on file.....					814
Daily average population.....	103.1	113.1	216	114	9,471
Collective days' stay of all patients in residence during year.....	37,635	41,283	78,918	41,610	3,457,987

TABLE No. 2.

Showing social state and religion of patients admitted during the year.

	Admissions during 1926.
SOCIAL STATE—	
Single.....	952
Married.....	850
Widowed.....	192
Divorced.....	3
Separated.....	18
Unascertained.....	1
Totals.....	2,016
RELIGION—	
Baptists.....	99
Congregationalists.....	49
Church of England.....	471
United Church.....	374
Presbyterians.....	318
Roman Catholics.....	397
Other Denominations.....	215
Unascertained.....	93
Totals.....	2,016

TABLE No. 3.

Showing nativity of patients admitted during the year.

Nativity.	Admissions of Year.
Total born in Canada.....	1,365
Armenia.....	2
Assyria.....	1
Austria.....	15
Australia.....	..
Belgium.....	2
Bulgaria.....	1
China.....	4
Denmark.....	1
England.....	303
France.....	..
Finland.....	10
Galicia.....	..
Germany.....	10
Greece.....	2
Holland.....	2
Hungary.....	..
Ireland.....	56
Italy.....	15
Japan.....	..
Macedonia.....	..
Norway.....	4
Other British Possessions.....	7
Poland.....	3
Roumania.....	3
Russia.....	48
Scotland.....	87
South America.....	1
Spain.....	..
Switzerland.....	..
Sweden.....	3
Turkey.....	..
United States.....	42
West Indies.....	2
Unascertained and other countries.....	27
Totals.....	2,016

TABLE No. 4.

Showing occupation of those admitted during the year.

Occupation.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetanguishene Hospital.	Toronto Hospital.	Whitby Hospital.	Guelph Hospital.	Total Insane Admitted.	Orillia Hospital.	Woodstock Hospital.	Total Insane, Feeble-minded and Epileptics.
Professional:—														
Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.....	2	...	3	1	2	...	...	1	10	...	19	...	...	19
Commercial:—														
Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typists, etc.....	23	...	15	7	22	1	3	36	44	2	153	...	1	154
Agricultural and Pastoral:—														
Farmers, Gardeners, Stock Men, etc.....	22	...	41	17	53	19	...	13	28	1	194	...	1	195
Mechanics at Outdoor Vocations:—														
Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc.....	12	...	18	9	15	10	...	40	23	5	132	...	1	133
Mechanics, etc., at Sedentary Vocations:—														
Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc.....	10	1	29	8	26	3	...	14	23	2	116	...	1	117
Domestic Service:—														
Waiters, Cooks, Servants, etc....	7	3	19	3	28	8	22	30	22	...	142	...	2	144
Housewives not otherwise engaged	54	11	93	...	...	...	...	...	...	...	158	...	...	158
Education and Higher Domestic Duties:—														
Governesses, Teachers, Students, Housekeepers, Nurses, etc....	26	...	15	44	128	35	1	95	85	1	429	...	...	430
Miners, Marine Engineers, Railway Employees, Seamen, etc.....	4	...	3	1	4	2	...	1	2	...	17	...	...	17
Labourers.....	22	...	43	14	47	18	6	86	44	6	286	...	1	287
No Occupation.....	13	2	24	6	23	8	2	60	16	2	156	135	20	311
Unascertained.....	...	...	1	...	1	...	6	1	41	...	50	...	...	50
Soldiers and Naval Service.....	...	...	...	1	...	...	...	...	...	...	1	...	...	1
Totals.....	195	17,304	111,349	104,403	377,338	19,185	41,135	19,185	135,271	2,016	1,854	135,271	27,2016	

TABLE No. 5

Showing the Counties and Districts from which patients have been admitted during the year ending October 31st, 1926, and the Hospitals they were assigned to.

Counties and Districts	Admitted during Year.	No. received under warrant process.	No. received by med. certificates.	Assigned to Brockville Hosp.	Assigned to Cobourg Hosp.	Assigned to Hamilton Hosp.	Assigned to Kingston Hosp.	Assigned to London Hosp.	Assigned to Mimico Hosp.	Assigned to Penetang Hosp.	Assigned to Toronto Hosp.	Assigned to Whitby Hosp.	Assigned to Orillia Hosp.	Assigned to Woodstock Hosp.	Assigned to Guelph
Algoma District	18	8	10			1	1		4	2	2	4	2	1	1
Brant	24	7	17			21		1					1	1	
Bruce	21	7	14					20					1		
Carleton	88	1	87	75		2					2	1	6	1	1
Cochrane	1	1													
Dufferin	9	5	4			5	1				1	2			
Dundas	13		13	11		1							1		
Durham	13	1	12		2							11			
Elgin	32		32					29					3		
Essex	75	13	62					69			1		4	1	
Frontenac	34		34	1			32					1			
Glengarry	11		11	11											
Grenville	14		14	11									3		
Grey	37	9	28			30					2		5		
Haldimand	13	4	9			13									
Haliburton	1	2											1		
Halton	15	6	9			12			1			1	1		
Hastings	30	2	28		1	1	22						4	1	1
Huron	25	3	22					24						1	
Kenora	5	2	3						3	1			1		
Kent	27	3	24					23				2	1		1
Lambton	26	2	24					26							
Lanark	19		19	16			1						2		
Leeds	28		28	22			4					1		1	
Lennox & Addington	15	1	14			1	13					1			
Lincoln	16	2	14			15							1		
Manitoulin	2	1	1							1		1			
Middlesex	101	15	86			1		94					4	2	
Muskoka District	12	7	5					7	2			2	1		
Nipissing District	28	18	8					11	6	3		6			
Norfolk	18	4	14			13		3					2		
Northumberland	12	1	11		5		5					2			
Ontario	49	3	46					4		1	37	5	1	1	
Oxford	20	1	19					18					1	1	
Parry Sound District	19	6	13	1					10	4	1	1	2		
Peel	8	2	6			1		5	1			1			
Perth	37	2	35					33			1		2		1
Peterborough	26	5	21		6		4		1			14		1	
Prescott	16		16	13									2		1
Prince Edward	5		5				4						1		
Rainy River District	4	4							1		1	2			
Renfrew	23		23	3			19						1		
Russell	7		7	7											
Simcoe	48	11	37			2		25	5	3	8	5			
Stormont	19		19	19											
Sudbury	15	7	8			1		3	1	3	4	3			
Temiskaming	25	17	8					15	2	3	4	1			
Thunder Bay District	37	25	12					8	1	5	14	8		1	
Victoria	18	10	8		1		1	1		1	13	1			
Waterloo	36	6	30		1	33		1						1	
Welland	21	2	19			16				1			3	1	
Wellington	30	16	17			24		4			1				1
Wentworth	123	55	68			108		2			1	3	5	3	1
York	632	101	531	1	1	3	1	1	5	12	344	201	50	10	3
Unascertained	5		5				3			1		1			
Other Provinces	12		12	4				1			1				6
Total	2016	398	1618	195	17	304	111	349	104	40	377	338	135	27	19

TABLE No. 5A

Showing the Counties from which the entire number of patients, in residence on October 31st, 1926, were received.

Counties and Districts	Patients in residence 31st October, 1926												Total.
	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Whitby Hospital.	Orillia.	Woodstock.	Guelph.	
Algoma.....		3	2	1	3	39	33	16	12	12	1	3	125
Bram.....		4	114		8	1	1	1	4	20	6	3	162
Bruce.....		4	1		113		1	1	2	11	2	3	138
Carleton.....	282	33	4	19		1	3	1	5	50	9	2	409
Cochrane.....										1			1
Dufferin.....		5	26	14	1	1	2	1	6	7	2		65
Dundas.....	27	5	2	2	1	2				6	3		48
Durham.....	2	15		7	1	2	1		26	13	2	1	70
Elgin.....		4	1		98		2			20	5		130
Essex.....	2	6	3		203			1	1	21	7		244
Frontenac.....	11	4		107			3	1	3	23		3	155
Glengarry.....	33	2		5						4			44
Grenville.....	44	4		1				1		7			57
Grey.....		11	122	1	8	4	7	2	4	21	9	2	191
Haldimand.....	1	2	48			1	1		3	3			59
Haliburton.....				1		1		1		6			11
Halton.....	1	3	45		1	1			6	3		1	61
Hastings.....	4	5		109		1	3		3	36	7	1	169
Huron.....	2	1	2		130		2	3	6	15	4		165
Kenora.....		1	1			3	2	1	2	2		2	14
Kent.....		4			121				4	11	5	2	147
Lambton.....	3	3	3	1	130		1		2	8	7	1	159
Lanark.....	78	9		10			1			10	1		109
Leeds.....	99	13	1	13				1	1	8	5	1	142
Lennox and Addington.....	1	1	1	43			2		1	13		1	63
Lincoln.....		3	72						3	17	4	1	100
Manitoulin.....						6	1	3	3	1	1		15
Middlesex.....	2	22	3	1	342	1	2		14	45	11	5	448
Muskoka District.....			2			13	14	1	12	12		1	55
Nipissing.....	1	1	2			50	22	13	17	14		1	121
Norfolk.....			53	1	3		2			10	1		70
Northumberland.....	3	23	1	55		1	6	2	8	18	3	3	123
Ontario.....		4	1	2	1	31	16	4	74	40	1	4	178
Oxford.....	1	2	5		110	1	1		3	24	7	1	155
Parry Sound District.....		1	3		1	30	14	4	11	15		4	83
Peel.....	1	2	4	1		40	4	5	9	16	2	1	85
Perth.....	2	8	6		110	2	1		1	14	5	1	150
Peterborough.....	1	24		6		38	8	2	24	13	1	1	118
Prescott.....	75	7		3			2			17		2	106
Prince Edward.....				32		1		1	1	9			44
Rainy River District.....		1				8	7	3	6	3		1	29
Renfrew.....	11	4		84						14	4		117
Russell.....	50	1		1						11	2		65
Simcoe.....	3	12	13		1	108	48	6	32	60	6	3	292
Stormont.....	65	7		3			1	1		6		1	84
Sudbury.....		1				24	5	7	10	16			63
Temiskaming.....	4	2	1			34	17	7	20	5			90
Thunder Bay.....		4	2	1	2	51	5	16	31	15	1	5	133
Victoria.....		8	2	5		36	9	4	42	14	2		122
Waterloo.....		6	141	1	2	1		1	9	21	8	5	195
Welland.....	1	8	116	2		1	2		4	12	2	2	150
Wellington.....	1	17	122		5	2	4	1	11	24	4	4	195
Wentworth.....	3	11	460	3	5	2	7	6	19	75	12	5	608
York.....	13	85	27	12	4	78	100	728	1,058	442	64	13	2,624
Unascertained.....		2	2	2	10		20		5	7		2	50
Other Provinces.....	6		2		2	1		1	9		2	27	50
Totals.....	833	410	1,416	549	1,416	617	383	847	1,527	1,321	218	119	9,656

TABLE No. 6.
Showing the assigned causes of insanity in the cases admitted during the year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Unascertained.
				Men.	Women.	Total.	
MORAL							
Adverse conditions (such as loss of friends, business troubles, etc.)	53	74	127	14	23	30	70
Mental strain, worry and overwork (not included in above)	79	110	189	20	25	45	60
Religious excitement	12	7	19	1	4	5	14
Love affairs, including seduction	13	15	28	.....	7	7	18
Fright and nervous shock	4	8	12	.....	.....	.....	11
PHYSICAL							
Alcoholism	36	8	44	6	2	8	6
Sexual excess . . . . .	.....	1	1	.....	.....	.....	1
Venereal diseases	74	26	100	10	2	12	33
Masturbation	2	.....	2	.....	.....	.....	2
Isolation	4	1	5	.....	.....	.....	3
Accident or injury	17	9	26	1	.....	1	13
Pregnancy . . . . .	.....	16	16	.....	4	4	10
Parturition and puerperium . . . . .	.....	16	16	.....	3	3	6
Lactation . . . . .	.....	.....	.....	.....	.....	.....	.....
Clin ionic period . . . . .	.....	34	34	.....	7	7	16
Fevers	1	2	3	1	.....	1	1
Privation and overwork	8	6	14	.....	.....	.....	11
Epilepsy	23	17	40	3	6	9	8
Other convulsive diseases . . . . .	.....	.....	.....	.....	.....	.....	.....
Diseases of brain and skull	7	12	19	3	2	5	8
Senility	100	90	190	10	9	19	48
Exophthalmic goitre . . . . .	.....	3	3	.....	2	2	1
Epidemic influenza	8	15	23	2	3	5	11
Abuse of drugs	14	4	18	.....	.....	.....	9
Loss of special sense . . . . .	.....	4	4	.....	1	1	.....
Uraemia . . . . .	.....	.....	.....	.....	.....	.....	.....
Other auto-infection	9	16	25	.....	.....	.....	.....
Other bodily diseases	36	42	78	7	8	15	20
HEREDITARY							
Congenital defect	66	47	113	34	21	55	18
Unascertained	388	324	712	263	203	466	214
Not insane	12	7	19	4	1	5	6
Totals	966	914	*1,880	379	333	712	618

*Insane only.

TABLE No. 7
Showing hereditary tendency to insanity in patients admitted during the year.

	Admitted during Year		
	Male	Female	Total
Paternal Branch	82	60	142
Maternal Branch	60	90	150
Paternal and Maternal Branches	24	25	49
Collateral Branches	72	72	144
No hereditary tendency	382	386	768
Unascertained	427	333	760
Not Insane	1	2	3
Totals	1,048	968	2,016

TABLE No. 8

Showing summary of probational discharges during the year.

	Male	Female	Total
Number granted Probational Discharge.....	473	626	1,099
Discharged, Recovered while on Probation.....	130	141	271
Discharged, Improved while on Probation.....	122	182	304
Discharged, Unimproved while on Probation.....	14	13	27
Died while on Probation.....	2	2	4
Returned to Hospital.....	129	183	312
Absent on Probation on October 31st, 1924.....	83	109	192
Transfer.....		1	1

TABLE No. 9

Giving summary of the discharges for the year ended October 31st, 1926.

	Male	Female	Total
Discharged, Recovered.....	223	205	428
“ Improved.....	229	280	509
“ Unimproved.....	38	23	61
“ Deported.....	44	22	66
“ Eloped.....	53		53
“ Not Insane.....	6	6	12
Total.....	593	536	1,129

TABLE No. 10

Showing the daily average population, admissions, recoveries, deaths and percentages of recoveries for the year ended October 31st, 1926

Hospitals	Popu- lation	Admis- sions	Recov- eries	Deaths	Percentage of Recoveries		Per- centage of deaths
					On admis- sions	On aver- age daily population	
Brockville.....	846	195	59	57	30.2	7.0	6.7
Cobourg.....	411	17		16			3.9
Hamilton.....	1,412	304	16	98	5.2	1.1	6.9
Kingston.....	564	111	47	42	42.3	8.3	7.4
London.....	1,399	349	105	132	30.1	7.5	9.4
Mimico.....	613	104	32	35	30.7	5.2	5.7
Penetang.....	373	40		20			5.3
Toronto.....	822	377	99	105	26.2	12.0	12.7
Whitby.....	1,426	338	65	99	19.2	4.5	6.9
Orillia.....	1,275	135		72			5.6
Woodstock.....	216	27		10			4.6
Guelph.....	114	19	5	2	26.3	4.4	1.7
Total.....	9,471	2,016	428	688	21.2	4.5	7.3

TABLE No. 11.

Showing general movements and result of treatment of patients in Hospitals in Province from January 1st, 1882, to October 31st, 1926.

	Average daily population.			Number of patients admitted.			Number of patients recovered.			Number discharged improved, unimproved and deported.			Number of patients who died.			Percentage of recoveries to average daily population.			Percentage of deaths to average daily population.			Number of patients remaining in residence		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Average 1882 to 1891	1,449	1,431	2,880	289	270	559	85	86	171	37	43	80	90	73	163	5.90	6.21	6.05	6.25	5.08	5.66	1,464	1,524	2,988
Average 1892 to 1901	2,034	2,094	4,128	371	386	757	114	121	235	42	50	92	134	107	241	5.60	5.77	5.69	6.39	5.06	5.72	2,042	2,105	4,151
Average 1902 to 1911	2,484	2,702	5,186	499	527	1,026	140	154	294	90	88	178	169	160	329	5.65	5.74	5.70	6.68	5.88	6.28	2,499	2,726	5,225
Average 1912 to 1921	2,992	3,161	6,153	824	818	1,642	174	172	346	198	194	392	274	248	522	5.83	5.47	5.68	8.92	7.90	8.42	3,200	3,408	6,608
1922.....	3,874	4,167	8,041	1,030	1,203	2,133	187	167	354	266	306	572	294	303	597	4.88	4.01	4.40	7.73	7.15	7.43	4,009	4,355	8,364
1923.....	4,065	4,387	8,453	1,165	1,101	2,266	219	191	410	298	283	581	335	309	648	5.39	4.35	4.87	8.31	7.07	7.69	4,213	4,558	8,771
1924.....	4,255	4,545	8,800	1,192	1,116	2,308	169	221	390	339	333	672	309	297	606	3.97	4.86	4.43	7.26	6.53	6.89	4,445	4,699	9,144
1925.....	4,471	4,732	9,203	1,162	1,137	2,299	189	212	401	383	323	706	311	268	579	4.22	4.48	4.35	6.95	5.66	6.29	4,611	4,913	9,524
1926.....	4,593	4,878	9,471	1,048	968	2,016	223	205	428	311	325	636	378	310	688	4.85	4.20	4.52	8.23	6.35	7.26	4,671	4,985	9,656

TABLE No. 12.

Showing the causes of death of patients who died during the year ending October 31st, 1926.

Cause of Death.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Whitby Hospital.	Guelph Hospital.	Orillia Hospital.	Woodstock Hospital.	Total.
Specific Infectious Diseases:—													
Typhoid Fever.....								1					1
Influenza.....									1				1
Cerebro-spinal Meningitis.....											1		1
Diphtheria.....		1	2	1	1				3				8
Erysipelas.....			1						1		1		3
Septicæmia.....					4						1		5
Dysentery.....					3								3
Syphilis.....													
Tuberculosis.....	10	3		6	10	7	5	3	3		25		72
Other Infections.....													
Constitutional Diseases:—													
Rheumatism.....													
Arthritis Deformans.....													
Diabetes Mellitus.....							1						1
Diseases of the Digestive System:—													
Mouth, salivary glands.....													
Pharynx.....													
Tonsils.....													
Œsophagus.....						2							2
Enteritis.....													
Gastritis.....													
Diseases of the Intestines:—													
Diseases of the Liver.....			1		1	1							3
“ “ Pancreas.....													
“ “ Peritoneum.....			4	1					1				6
Intestinal Obstruction.....													
Bowel and Colitis.....			2										2
Diseases of the Respiratory System:—													
Diseases of the Nose and Larynx.....													
“ “ Bronchi.....	3		2	9		2		6	9				31
“ “ Lungs.....	13	1	2	6	30	2	1	3	8		9		97
“ “ Pleura.....								1	5				6
Diseases of the Circulatory System:—													
Diseases of the Pericardium.....							3				2		5
“ “ Heart.....	5	4	9	7	18	3		16	3		7		72
Arterio-sclerosis.....	1			1	2	1		15	1		1		22
Aneurism.....				1		1							2
Diseases of the Blood and Ductless Glands:													
Anæmia.....			3			1		1					5
Pernicious Anæmia.....	1				4								5
Leucæmia.....													
Exophthalmic Goitre.....			1										1
Gangrene.....													
Diseases of the Genito-Urinary System.....													
	1	1	4	3	3	2			1				15
Carried forward.....	35	10	52	34	76	23	10	45	36		47		368

TABLE No. 12—*Concluded.*

Showing the causes of death of patients who died during the year ending October 31st, 1926.

Cause of Death.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Whitby Hospital.	Guelph Hospital.	Orillia Hospital.	Woodstock Hospital.	Total.
Totals—Brought forward.....	35	10	52	34	76	23	10	45	36	...	47	...	368
Diseases of the Nervous System:—													
Diseases of the Nerves.....									1				1
“ “ Spinal Cord.....	1							1			1		3
“ “ Meninges.....							1						1
Organic Diseases of the Brain,— (Tumor, Abscess, Embolism, Throm- bosis, Hemorrhage, and other gross lesions).....		3	9	1	3	1	1	1	3	...	3	1	26
Functional Nervous Diseases,— (Paralysis Agitans, Chorea, Eclamp- sia, Hysteria).....									1				1
Epilepsy.....	6	...	3	...	5	1	1	1	2	1	9	9	38
Mental Diseases:—													
Exhaustion of Acute Mental Disease...	3	...	2	...	5	2	...	10	3	...	...	...	25
Exhaustion of Chronic Mental Disease...	...	2	4	...	4	2	...	...	3	1	10	...	26
General Paresis.....	6	...	16	2	8	4	...	19	6	...	...	...	52
Tabo Paresis.....													
Intoxications:—													
Alcoholism.....													
Morphinism.....													
Metallic Poisoning.....													
Heat Stroke.....													
Debility of Old Age.....	3	...	13	...	27	1	5	25	38	...	...	...	112
Accident.....				1	2						1		4
Suicide.....			1						2				3
Surgical Diseases.....			2	2	1		1						6
Gynæcological Diseases.....													
Malignant New Growths, or Cancer.....	3	...	2	2	1	...	1	2	4	...	...	...	15
Pellagra.....						1	...	1					2
Unknown (died on probation).....			4								1		5
Totals.....	57	16	98	42	132	35	20	105	99	2	72	10	688

TABLE No. 13.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium.....									
(b) Infection Delirium.....	4	8	12	3	7	10	4	4	8
(c) Post Infection Psychoses.....		1	1	1	1	2	1	2	3
Exhaustion Psychoses:—									
(a) Collapsed Delirium.....	3	10	13	1	2	3	1	4	5
(b) Acute Confusional Psychoses.....	8	14	22	7	17	24	7	2	9
(c) Neurasthenia.....	5	7	12	6	12	18			
(d) Pellagra.....									
(e) Psychastenia.....									
Intoxication Psychoses:—									
(a) Acute Intoxications.....	17	8	25	10	5	15		3	3
(b) Chronic Intoxications.....	1		1						
(a) Alcoholism (acute and chronic).....	14	3	17	11	3	14		1	1
(b) Delirium Tremens.....	1		1						
(c) Korsakow's Psychoses.....					1	1			
(d) Acute Alcoholic Hallucinosiis.....	1	1	2	6		6			
(e) Alcoholic Hallucinatory Dementia.....	1		1						
(f) Alcoholic Paranoia.....	1		1	2	1	3			
(g) Alcoholic Paresis.....							3		3
(h) Morphinism.....	13	3	16	17	8	25	1		1
(i) Cocainism.....									
(j) Pellagra.....									
(k) Veronal.....	3	1	4		1	1			
Thyrogenous Psychoses:—									
(a) Mixoedematous Psychoses.....		1	1						
(b) Cretinism.....									
Dementia Praecox:—									
(a) Hebaphrenic.....	56	37	93	24	26	50	15	14	29
(b) Catatonic.....	127	122	249	58	73	131	32	25	57
(c) Paranoid.....	110	111	221	59	43	102	27	23	50
(d) Simplex.....	2		2	1		1			
General Paresis.....	64	21	85	24	12	36	38	10	48
Organic Dementias:—Traumatic Psychosis.....									
Fractured Skull.....	1		1	1		1			
(a) Cerebral Sclerosis.....		1	1	1		1	1	1	2
(b) Huntingdon's Chorea.....	1	3	4				2	1	3
Sydenham's Chorea.....		1	1						
(c) Multiple Sclerosis.....									
(d) Cerebral Syphilis.....	3	4	7		1	1	3	1	4
(e) Tabetic Psychoses.....									
(f) Arterio-sclerotic Psychoses.....	28	27	55	6	6	12	13	12	25
(g) Cerebral Tumor, Abscess, Haemorrhage.....	5	8	13	1		1	5	7	12
(h) Traumatic Dementia.....									
(i) Encephalitic.....									
Involution Psychoses:—									
(a) Melancholia.....	18	32	50	19	29	48	11	14	25
(b) Pre-senile Delusional Psychoses.....	4	8	12	10	6	16	1	6	7
(c) Senile Dementia.....	108	102	210	25	26	51	98	80	178
(d) Presbyphrenia.....									
Totals—Carried forward.....	608	534	1,133	293	280	573	263	210	473

TABLE No. 13.—*Concluded.*

Showing form of mental disease of patients admitted, discharged and died during the year

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Totals—Brought forward.....	608	534	1,133	293	280	573	263	210	473
Manic Depressive Psychos:—									
(a) Manic States.....	69	95	164	62	78	140	16	25	41
(b) Depressed States.....	93	89	182	86	90	176	15	13	28
(c) Mixed States.....	12	22	34	6	9	15	1	6	7
(d) Paranoia.....	3	1	4	4	8	12	2	.....	2
Pellagra.....		1	1	.....	.....	.....	.....	1	1
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses.....	26	22	48	10	14	24	17	12	29
(b) Hysterical Psychoses.....	2	9	11	2	2	4	.....	.....	.....
(c) Sexualis Psychopathia.....	2	.....	2	.....	1	1	.....	.....	.....
(d) Post Apoleptic.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(e) Con. Psychical Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Psycho-Neuroses, Psychasthenic Type.....	2	.....	2	.....	.....	.....	.....	.....	.....
States of Deficient Mental Development:—									
(a) Imbecility.....	100	88	188	38	29	67	30	21	51
(b) Idiocy.....	29	15	44	1	1	2	26	17	43
(c) Mental defect without Psychosis.....	.....	.....	.....	3	.....	3	.....	.....	.....
Psychopathic personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Moron.....	2	1	3	.....	.....	.....	.....	.....	.....
Not Diagnosed.....	27	23	50	2	4	6	2	1	3
Not Insane.....	13	6	19	9	6	15	.....	.....	.....
Woodstock.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Guelph.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	988	906	1,885	516	522	1,038	372	306	678

TABLE No. 14.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on October 31st, 1925.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	225	165	19	35	12	85
From 1 to 2 months.....	159	153	20	23	7	44
“ 2 “ 3 “.....	97	96	31	17	6	21
“ 3 “ 4 “.....	94	130	38	30	5	34
“ 4 “ 5 “.....	45	126	47	35	2	11
“ 5 “ 6 “.....	51	115	31	33	.....	20
“ 6 “ 9 “.....	93	253	100	75	7	44
“ 9 “ 12 “.....	68	347	44	68	4	25
“ 12 “ 18 “.....	118	615	38	66	4	25
“ 18 months to 2 years.....	94	519	22	28	1	37
“ 2 to 3 years.....	113	734	17	39	6	58
“ 3 “ 4 “.....	113	601	7	14	1	31
“ 4 “ 5 “.....	89	602	4	10	.....	24
“ 5 “ 10 “.....	145	2,421	7	23	6	94
“ 10 “ 15 “.....	60	840	2	3	.....	34
“ 15 “ 20 “.....	47	667	.....	2	.....	26
“ 20 years and upwards.....	81	1,270	1	8	.....	75
Unknown.....	81	.....	2	.....	.....	.....
Not Insane.....	5	.....	.....	.....	.....	3
Totals.....	1,778	9,654	430	509	61	691

TABLE No. 15
Statement showing acreage, valuation, etc.

Hospitals	Date of Opening	Total acreage	Area under cultivation, acres	Acreage in Grounds and Buildings	Value of Real Estate
Brockville.....	1894	569	544	25	\$64,860
Cobourg.....	1904	40	10	30	16,500
Hamilton.....	1876	527	462	65	245,500
Kingston.....	1876	164	106	58	68,600
London.....	1870	537	469	68	165,800
Mimico.....	1890	*380	298	82	243,500
Orillia.....	1876	456	408	48	47,090
Penetang.....	1904	383	373	10	13,220
Toronto.....	1841	24	.....	24	300,000
Woodstock.....	1905	323	307	16	65,900
Whitby.....	1919	640	480	160	128,000
Total.....					\$1,358,970

*Includes 100 acres rented.

TABLE No. 16.
Showing the number of Officers and Employees in each Hospital.

Occupation.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Orillia Hospital.	Toronto Hospital.	Whitby Hospital.	Woodstock Hospital.	Total.
Superintendents.....	1	1	1	1	1	1	1	1	1	1	1	11
Physicians.....	2	1	5	5	6	3	1	3	2	5	1	34
Bursars.....	1	1	1	1	1	1	1	1	1	1	.....	10
Storekeepers and Assistants.....	2	.....	3	1	1	1	.....	2	1	2	.....	13
Matron and Assistants.....	1	1	1	.....	1	1	.....	2	1	1	.....	9
Office Staff (Clerks and Stenographers).....	3	2	5	3	3	5	1	2	3	5	2	34
Engineers, Stokers and Assistants.....	11	5	16	6	15	9	5	8	10	12	2	99
Farmers and Gardeners.....	10	2	18	4	13	8	5	9	1	17	7	94
Dentists.....	1	1	1	1	1	1	.....	1	1	.....	.....	8
Attendants, Male.....	59	1	83	46	71	37	15	35	45	61	12	465
Female Nurses.....	65	30	46	46	80	38	21	40	75	95	8	544
Domestic Help (Cooks, etc.).....	18	8	26	11	37	18	10	21	17	36	6	208
Mechanics.....	6	1	9	3	8	2	3	6	5	5	1	49
Totals.....	180	54	215	128	238	125	63	131	163	241	40	1,578

TABLE No. 17.
Statement of Revenue from Paying Patients, and Farm and Miscellaneous Revenue.

Hospital.	From Paying Patients.	From Farm and Miscellaneous.	Total.
Brockville.....	\$54,817 70	\$3,855 84	\$58,673 54
Cobourg.....	15,116 46	244 06	15,360 52
Hamilton.....	95,241 02	12,975 48	108,216 50
Kingston.....	47,111 38	1,225 83	48,337 21
London.....	106,228 98	10,319 02	116,548 00
Mimico.....	47,942 90	2,235 68	50,178 58
Orillia.....	30,692 66	6,544 62	37,237 28
Penetanguishene.....	2,768 85	1,971 94	4,740 79
Toronto.....	53,411 96	951 89	54,363 85
Whitby.....	108,510 89	9,005 26	117,516 15
Woodstock.....	31,644 37	2,818 93	34,463 30
Guelph.....	9,215 00	.....	9,215 00
Orillia Industries.....	.....	.....	15,860 07
Bowmanville Boys' Home.....	290 37	.....	290 37
Total.....	\$602,992 54	\$52,148 55	\$671,001 16

TABLE No. 18.
STATEMENT.

Showing the Expenditure on Maintenance under the different headings of the estimates for the year ending October 31st, 1926.

Headings of Estimates.	Brockville Hospital.		Cobourg Hospital.		Hamilton Hospital.		Kingston Hospital.		London Hospital.		Mimico Hospital.		Orillia Hospital.		Penetang Hospital.		Toronto Hospital.		Whitby Hospital.		Woodstock Hospital.		
	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	
Medicines and medical comforts.....	3,792	51	618	04	5,824	18	2,918	22	6,841	74	3,125	85	4,665	81	1,311	47	3,837	62	7,083	48	1,607	28	
Groceries, provisions and butchers' cattle, fuel, light and water..	53,099	97	31,278	43	84,546	15	45,688	14	75,136	41	45,768	13	45,451	60	25,687	52	86,328	18	111,910	40	14,061	86	
Clothing.....	40,713	22	13,140	60	58,512	50	35,287	92	48,579	84	37,006	03	43,062	58	14,536	67	35,385	19	79,685	31	11,979	89	
Laundry and cleaning.	16,715	05	4,165	21	13,417	58	12,752	03	19,300	85	9,557	42	20,998	08	7,978	05	15,252	55	30,405	17	601	06	
Furniture and furnishings.....	4,350	55	1,318	95	5,027	04	3,958	23	11,731	37	3,953	22	5,701	20	2,084	54	8,567	23	10,970	32	1,346	56	
Office expenses.....	14,659	60	6,001	76	17,602	21	11,205	83	23,441	41	5,884	86	13,773	16	5,518	09	15,868	31	21,302	56	1,715	02	
Farm expenses.....	1,265	77	322	42	1,388	18	741	30	1,331	97	821	81	1,455	55	236	42	910	26	1,418	36	296	67	
Contingencies.....	8,659	54	482	97	11,827	23	3,851	04	15,550	14	4,542	36	5,696	33	4,036	19	745	91	8,969	58	2,702	80	
Salaries.....	2,988	38	859	60	4,879	11	2,510	20	3,477	84	1,851	31	2,964	31	412	48	2,105	36	4,434	45	443	52	
	133,916	56	42,578	45	203,024	18	106,123	07	183,301	00	94,727	12	118,476	05	53,623	63	116,444	71	178,731	83	34,016	99	

APPENDIX

TO THE FIFTY-NINTH ANNUAL REPORT UPON THE ONTARIO HOSPITALS FOR THE INSANE AND CONTAINING THE ANNUAL REPORTS OF THE SUPERINTENDENTS OF THE HOSPITALS IN BROCKVILLE, COBOURG, HAMILTON, KINGSTON, LONDON, MIMICO, PENETANGUISHENE, TORONTO, WHITBY, ORILLIA, WOODSTOCK, AND HOMEWOOD SANATORIUM, GUELPH.

ONTARIO HOSPITAL, BROCKVILLE

December 18th, 1926.

To H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ontario.

Dear Sir:—

I am herewith sending you the Annual Statistical Report for the year 1926.

Thanking you for your co-operation during the past year.

I have the honour to remain,

Your obedient servant,

F. D. CUMBERLAND,
Acting Superintendent.

ONTARIO HOSPITAL, COBOURG

November 12th, 1926.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ontario.

DEAR SIR:—

I beg herewith to hand you Annual Statistical Report for the year ending October 31st, 1926.

Yours very truly,

W. T. WILSON,
Superintendent.

THE ONTARIO HOSPITAL, HAMILTON

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ontario.

DEAR SIR:—

In accordance with the statutory requirements, I have the honour to herewith submit the fifty-first Annual Report of this Hospital, being for the year ending October 31st, 1926.

Our admissions numbered 304, i.e., eight more than the previous year, and notwithstanding every effort being made to reduce our resident population,

it was increased in number at the end of the term by thirty people. This increase necessitated the adding of some forty additional beds to our equipment.

In justice to the many sufferers who are coming for care and treatment to our Wards, it behooves the Government to take immediate and energetic steps to provide ample, well-equipped, additional buildings, and it is undoubtedly true that these could be most economically and efficiently administered in connection with the existing Institutions rather than in the construction of new centres.

As to the erection of a group of buildings and the removal thereto of chronic cases only, which has been seriously spoken of, the words of the late Dr. Robert H. Steen, who for twenty years was Superintendent of the City of London (England) Mental Hospital, when making addresses regarding "Principles which ought to control modern construction of Mental Hospitals," quoted a former well-known authority, Connolly, as follows: "I believe the absolute separation of the curable and incurable to be neither practicable nor desirable, and I know that the incurable patients are generally better companions for the curable than curable patients are." Also Dr. Green, another English authority, says: "It is a common observation that association with a quiet chronic has a most beneficial effect upon the acute case, especially if this association can be combined with steady employment of some kind."

The work of the Medical Staff has been most energetically and successfully pursued, and though we have not had any serious outbreak of any form of disease, yet the numerous cases of minor illnesses and injuries, and the keeping up of extended clinical histories and records have kept them very busy. The specific treatment of cases of general paralysis, or paresis, by the malarial plasmodium, as well as tryparsamide, has demanded very close and accurate attention by the physicians and nurses, and results have fully justified every effort put forth, and clearly proven that they are much in advance of any other remedies yet employed in Europe, the United States or Canada. In connection with this matter, it is interesting to note the remarks of Dr. George M. Robertson, President of the Royal College of Physicians, Edinburgh, and Superintendent of the Royal Mental Hospital at Morningside, Edinburgh. "In early cases after malarial treatment, about a third are able to return to work, and another third are distinctly improved." (*Journal of Mental Science*, October, 1926, page 471.)

We herewith append the Annual Report of our Pathologist and Dentist, both of which show that active and increased work has been carried out, and most satisfactory results achieved.

IMPROVEMENTS MADE

In the administrative section of the Main Building, two flights of worn-out wooden stairways have been replaced with iron with mastic treads, and the third flight is now being constructed, and when completed will provide a fire-proof exit from the recreation hall to the basement.

The new porte cochere is well under way, and bids fair to immensely improve the appearance of the approach to the main building.

The new fireproof transformer room has been completed, and is awaiting the transfer and installation of equipment.

A new 300,000-gallon electric driven pump has been installed at our plant on Queen Street South, and with the re-wound motor, it is hoped that our water troubles will be solved for a few years.

The cold storage compartments in connection with the main building kitchen have been completely overhauled and perfectly insulated and a two and one-half ton "Frick" ice machine installed, and entire satisfaction is now being derived.

For the Bursar's house, a complete vacuum steam heating system has been installed, and the comfort of the place immensely improved, as well as economy exercised in the fuel bill therefor.

The dental office has been splendidly fitted up and equipped, and every facility is now afforded for successful work.

The X-ray rooms have also been fully arranged, and the installation of apparatus will be completed early in the New Year.

REQUIREMENTS

Vocational Rooms.—While kitchen and bake-shop accommodation is urgently needed, as shown by me in my report of November, 1916, and subsequent thereto, yet I would at present urge for permission to make a comparatively inexpensive addition to the dining-room section of the female side of the main building so that more adequate provision may be provided for occupational work and therapy, as it is recognized on every hand that this method of employment is most beneficial, if not absolutely essential, for the rapid recovery both in the early and later stages of mental disease. The constructional work could all be done by our present staff.

Additional Root House.—In consideration of the fact that we have added five acres to our garden, with the idea of raising a more adequate supply of vegetables for our rapidly-increasing population, it is absolutely essential that we provide adequate storage therefor. With an adequate supply in our quarries of stone for the exterior structure, we believe that for a reasonable sum a building can be erected.

Farm and Garden.—Notwithstanding the unfavourable wet summer weather, our hay, grain and root crops were abundant and we were able to harvest them in good order. In the garden, the small fruits, apples and peaches were below the standard, but the vegetable supply, with the exception of tomatoes, was excellent.

Thanking you for your ever-ready advice and courtesies when sought, I am,

Your obedient servant,

W. M. ENGLISH,
Superintendent.

January 8th, 1927.

THE ONTARIO HOSPITAL, HAMILTON

PATHOLOGICAL REPORT, FROM NOVEMBER 1ST, 1925 TO OCTOBER 31ST, 1926.

To the Medical Superintendent,
Ontario Hospital, Hamilton.

SIR:—

I beg herewith to submit a summary report of the work done in my department during the year noted.

We have in the past years been gathering statistics on the prevalence of syphilis as the cause of the psychoses in cases admitted, and over a period of years this has averaged a little over 7.5 per cent. A careful study of these cases showed that in only about five per cent. was the psychosis due to a neurosyphilis. On obtaining these figures the routine test has been given up, due to press of other work, but Wassermann tests are done on all patients where the staff desire to eliminate syphilis.

Twenty-five autopsies were done during the year, and benefit was obtained from this work by the staff and nurses.

During the year the malarial treatment of syphilis was carried on from the start made last year. In all twenty-nine inoculations were made, and our figures to this date show the treatment of thirty cases. Of these, seven died, sixteen improved, eleven are either fit to discharge or are discharged, and seven unimproved. A number of these inoculations are repeats.

Only four doses of arsphenamine were given during the year.

The administration of tryparsamide was carried on in the treatment of paresis in conjunction with malarial therapy, and it was also used to cure the malaria in conjunction with quinine sulphate. In all, one hundred and seventy-eight doses of tryparsamide were administered, and the average dose was two grams.

Wassermann tests numbering two hundred and sixty-nine were done on blood and spinal fluid, of which fifty-one were positive and two hundred and eighteen negative. Spinal punctures were done on all cases having positive bloods and on others where indicated, and in all forty-seven tested.

A study was made of the "Colloidal Benzoin Reaction" in the spinal fluid and the test seemed so satisfactory that the work was reported in the Journal of the Canadian Medical Association, 1926, Vol. 16, pages 161-164, with the hope of stimulating further investigation of this test.

The Boltz reaction was studied, but we cannot report results as yet.

A report of our work with malaria in the treatment of paresis was given at the meeting of the Ontario Medical-Psychological Association held in Toronto on October 6th, and three of our improved cases shown.

Respectfully submitted,

W. R. JAFFRAY,
Pathologist.

ONTARIO HOSPITAL, KINGSTON

Kingston, November 12th, 1926.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Toronto, Ont.

RE ANNUAL REPORT

DEAR SIR:—

I beg to enclose herewith statistical report for the year ending October 31st, 1926.

Yours sincerely,

EDWARD RYAN,
Superintendent.

THE ONTARIO HOSPITAL, LONDON

December 10th, 1926.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ont.

DEAR SIR:—

I am sending herewith the Annual Report for the past year and also estimates for the present year.

I should like to see every item mentioned in my estimates completed during this year, but this, I know, would be impossible. The balconies which I speak of, could, I think, be constructed for the small expense estimated and they would give much-needed relief. I do trust that something will be done in regard to the salary increases I suggested.

I am also sending you, under separate cover, the report of Dr. Luney, Pathologist. I wish you would look it over simply for the purpose of seeing the immense amount of work that is going on here all the time. This report is, perhaps, too lengthy to be published and I should be glad if you would return it to me when you have examined it, so that it may be kept on file here.

With Dr. Luney's report, I am also sending you a copy of Dr. Stevenson's report on the Special Treatment Clinic. That also shows a great deal of work accomplished and the results are fairly satisfactory.

Herewith is a partial report of the Pathologist at the Ontario Hospital, London, on pathological, serological and bacteriological examinations made during the year ending October 31st, 1926. The plan of the report is based upon the one submitted last year.

TEACHING

A didactic course in elementary bacteriology was given to the junior nurses. The work has been planned along the lines suggested in the syllabus adopted by the Ontario Hospitals. The course throughout has been accompanied with gross and microscopic bacteriological demonstrations. During the fall term twelve lectures were given. Junior and intermediate nurses also attended nine autopsies for demonstration and instruction in gross anatomy.

BLOOD WASSERMANN AND KAHN EXAMINATIONS

Wassermann and Kahn serological tests were carried out routinely on patients admitted during the year. A spinal fluid examination was also made on those showing a positive blood test. Examinations were made on 338 of the 349 admissions. For various reasons, it was impossible to examine the other eleven patients. An analysis of these examinations shows twenty-five positives (male nineteen, female six) or 7.4 per cent. of the cases tested.

The following table indicates the results obtained in these routine tests during the past nine years:

COMPARATIVE TABLE FOR LAST NINE YEARS

Year	No. of Patients Examined	Negative	Doubtful	POSITIVE		Per Cent. Positive	No. of Cases Showing Changes in C.S.F.
				Male	Female		
1918.....	237	206	5	12	14	10.03	14
1919.....	230	195	0	23	12	15.27	15
1920.....	266	232	6	15	13	10.52	13
1921.....	272	250	4	13	6	6.9	12
1922.....	313	297	0	11	3	4.5	11
1923.....	321	291	1	20	9	9.0	21
1924.....	341	319	0	20	2	6.4	15
1925.....	364	334	0	22	8	8.2	17
1926.....	338	313	0	19	6	7.4	20
	2,682	...	..	155	73	8.5	..

In all cases where the Kahn and Wassermann were found to differ both tests were repeated.

GASTRO-INTESTINAL INFECTIONS

On the female side of the main building there has been a large number of cases of diarrhoea, all of which have been investigated bacteriologically and a number of the patients examined serologically. 242 bacteriological examinations of feces have been made on a total of ninety-eight different patients. Some of these patients who were thought to be dysentery proved on examination to be typhoid. Ten cases showed *B. dysenteriae* in the stools; six showed *B. typhosus*. A nurse developed typhoid but eleven stool examinations failed to reveal the germ.

During the year patients with diarrhoea and others admitted to the ward where dysentery has been prevalent have received treatment of a prophylactic nature with dysentery vaccine by oral administration. This vaccine has been supplied as required.

WIDAL TESTS

Routine examinations have been made on 334 of the patients admitted. Twenty-five gave a positive agglutination test for *B. typhosus*. Twenty-five showed a positive result.

THROAT CULTURES

There have been no cases of diphtheria in the institution during the year. Twelve cultures have been examined all of which were negative.

SPUTA

Twenty-eight samples of sputum have been examined, four of which were positive.

TISSUES

During the year nine tissues obtained at operation were examined and reported. These examinations were as follows:

AUTOPSIES

During the year twenty-nine autopsies were made. Junior nurses received instruction in gross anatomy at nine of these autopsies.

I beg to again report that the autopsy building is in a very bad state of repair and is most unsuitable for teaching and performing autopsies. I would suggest that during the coming year every effort be again made to have this building replaced.

REPORT OF SPECIAL TREATMENT CLINIC

For Year Ending October 31st, 1926

Twenty-nine patients have been treated at the clinic during the year just closed. These consisted of:

21	cases of	General Paresis.
6	"	Vascular Syphilis.
1	"	Cerebro-Spinal Syphilis.
1	"	Tabes Dorsalis.

These twenty-nine patients received the following treatment:

Tryparsamide.....	271	doses
Phenarsamine.....	95	"
Mercury Salicylate.....	343	"
Bismuth Hydrate.....	32	"
Therapeutic Lumbar Punctures.....	72	

Of the six cases of vascular syphilis, three have now negative Wassermann tests. The patient with cerebro-spinal syphilis has shown both serological and clinical recovery and has been discharged. The one case of tabes was an out-patient whose illness was of long duration and he received only three treatments and did not report for further treatment.

During the year, we have admitted thirteen new cases of general paresis and four re-admissions. There have been eight deaths from general paresis during the year and there have been seven cases of general paresis discharged (one of these having two discharges and is again in hospital). Two other discharges were unsatisfactory, one going to another hospital unimproved, and the other showing considerable temporary improvement but later returned to the hospital and died. Three of the discharges were in a clinical remission and are still carrying on at home. In addition to these seven discharges, there were three other cases of general paresis out on probation at the end of the hospital year, enjoying clinical remissions, but not yet discharged.

Your obedient servant,

W. J. ROBINSON,

Superintendent.

ONTARIO HOSPITAL, MIMICO

October 31st, 1926.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ont.

DEAR SIR:—

In accordance with statutory requirements I present the Annual Report of the Ontario Hospital at Mimico for the year ended October 31st, 1926.

ADMISSIONS, DISCHARGES AND DEATHS

During the past year there were fifty-one patients admitted by warrant, fifty-one admitted by certificate, and two by the voluntary system, making a total of 104 admissions. Out of this number sixty-seven were born in Canada and thirty-seven came from foreign countries. The hereditary transmission could be traced in seventeen cases. In twenty-eight other cases examined there was found to be no hereditary evidence, and in fifty-nine cases there was no reference made to the patient's heredity. There were forty-eight patients discharged during the year and thirty-five died.

WARRANT VERSUS CERTIFICATE ADMISSIONS

There is an important economic significance in the fact that the admissions by warrant were equal in number to the admissions by medical certificates during the year. The admissions by warrant are under the direction of the Department, which is unaware of the urgent applications made to the hospitals for certificate cases, and as these warrant cases come from the gaols in the hospital districts they virtually have precedence over the certificate cases. Many of these patients from the gaols are of a low order of intelligence and have often come from foreign countries, many even being defectives, and having committed some offence in the community are sentenced for short terms in the County gaols where their mental deficiency is revealed. In some instances the local authorities may desire to evade the responsibility of maintaining these delinquents and send them on to the Provincial Hospitals where they fill the vacancies provided for those men and women of the county who become acutely ill mentally and who would if there were accommodation at the hospitals be admitted by certificates. In this way many who are acutely ill and who would possibly recover if speedily admitted are delayed in their admission by those of the delinquent class who have in the prescribed course been received by the Department as long as there are vacant beds in the hospital. For months together there have been no vacant beds at this hospital for men who are acutely ill largely on account of the accommodation having already been absorbed by these warrant cases many of whom have never been quite normal. If certificate cases were considered urgent and given precedence over the warrant cases for admission, there would be a larger recovery rate at the hospitals and they would not be so constantly overcrowded by a class for whom these hospitals were not specially constructed.

SPORTS DAY

An unusual interest was infused this year in the Annual Sports' day for the patients by the benevolent ladies at Long Branch, who provided at their own expense a generous supply of refreshments for all the participants in the sports and all the onlookers as well.

The outcome of their efforts was to cause the large family here to forget for the time that they were living at a hospital and to substitute for that fact the idea of community interest and community life at their former homes. Even the prizes in many instances were contributed by interested friends outside of the hospital.

The Port Credit Band was good enough to provide a musical programme at the termination of the athletic sports.

GROUNDS AT PUMPING STATION

The grounds at the pumping station have, until the past season, been unfinished. Most of the grading had been done by the gardener and trees had been planted on the newly-made lawns, but because of the different levels of the buildings of the pumping station proper and the electrical pump house, the problem of adjusting these levels was difficult to solve. An additional factor in the problem was the existence of a natural water course emptying surface water into the lake near the intake pipe. When these plans, already well advanced, have been completed, there is now every promise that the only remaining unfinished portion of the water-front which has so long been a shadow on the landscape will become one of the most attractive beauty-spots about the whole of the grounds.

NEWSPAPER DISCUSSION OF ONTARIO HOSPITALS

Where evils of a serious character are believed to exist in benevolent institutions, publicity of a constructive nature is helpful to everyone concerned, not only in assisting the general public to a better understanding of the conditions, but also in offering encouragement and support to those whose efforts are directed to the elimination of those evils. Unfortunately for those whose duties call for daily sacrifice and unflinching self-command and consideration, these duties are not fully understood and appreciated by the casual observer and censure is too often expressed instead of appreciation and encouragement. If, however, the sincerity of institution servants is misinterpreted by those in their care by reason of their irresponsibility, and the misinterpretations are accepted at face value without making due allowance for the condition of those who make them, then those servants are wrongly considered to be unfaithful and their services are estimated as unworthy. With the circumstantial settings, any fictitious pictures may seem in the public mind to be a part of the scene, and the material surroundings will appear to lend colour and credibility to picture. It will naturally follow that all those who have relatives and friends in such surroundings will become alarmed and anxious because of the fears which are aroused by the blended facts and fiction.

There is perhaps no other form of cruelty more regrettable than that of injecting unfounded fears and suspicions into sensitive minds, whose suffering is already almost more than they can bear, and yet this form of cruelty may be unintentionally perpetrated, and in most instances it has been innocently done in the hope of alleviating agony and misery in other cases.

MIXERS FOR SPRAY BATHS

For many years the spray baths in all the cottages have been a subject of real concern. When these baths were installed the Gegenstrom Mixers were put in for supplying the hot water, and as they depended, for efficiency, upon a steady and graduated volume of water being raised to the desired temperature by a measured volume of live steam, any accidental reduction in the volume of water would result in it becoming over-heated and a possible source of danger to those using it.

The introduction this year of an improved form of mixers, the Powers Thermostatic Controller, has removed all possibility of danger. Although no accident has ever happened with the use of the old mixers, the ever-present possibility of such accident was a constant source of dread and anxiety, and the substitution of this newer and safer appliance is a wise and prudent provision.

A considerable saving of coal has also been accomplished by covering the heaters and hot water tanks and pipes with asbestos and mineral wool. A similar saving has been made possible by covering the two hot water boilers and pipes in the Green House and the two at the Store in the same way.

INTERIOR RECONSTRUCTION OF COTTAGE 5

The joists under the floors in the lower hall and under the lower west sitting room and bedrooms had so far decayed as to become unsafe, and during the year these have been replaced by new ones resting on steel girders. The former metallic ceilings in these same quarters which had been largely destroyed by rust have also been renewed by plastered ceilings. All the rooms on this ground floor have been re-wired and newly painted along with the rooms on the first and second floors and altogether these renewals and replacements have greatly improved the interior appearance and sanitation of the building.

FARM

Efficiency in the management of any part of a somewhat complicated organization is commonly marked by quiet, steady progress without show or ostentation and such is the record of the various activities at the farm during the past year. Notwithstanding the weather conditions were somewhat unfavourable, the general productiveness has been slightly above the average. The hay crop was below the average because of the excessive rainfall in the spring months, but the yield of potatoes was good and the quality excellent. Although the oats were short in straw the yield in grain was good as were also the ensilage corn crop and the root crop for fodder.

The record of the milk production from the herd of cows was slightly above the average, indeed above the production of any preceding year.

Besides a generous supply of fresh pork during the year for the patients, the sales from the piggery amounted to about seven hundred dollars.

GARDEN AND GROUNDS

The supply of fruits and vegetables from the garden was abundant and the quality was excellent, and while they furnished a most important and valuable part of the dietary for the entire population of the hospital, they were at the same time of the greatest benefit to a large number of male patients in providing healthful and agreeable occupation during the summer months.

On account of the frequently recurring rains throughout the season the lawns and flowers and shrubs presented an unusually attractive appearance.

OFFICERS AND EMPLOYEES

During the past year ninety-six persons were employed to fill the vacancies of those who for various reasons had terminated their service at this place. Fifty of these new employees were men and forty-six were women.

On January 31st, Dr. Henry Moyle resigned his position as Assistant Physician in order that he might accept a more lucrative post in the hospital at Worcester, Massachusetts. During his service at this place since October 12th, 1920, he allowed no other interest to interfere with his devotion to the well-being of the patients, and his industry and consideration for all his fellow-workers caused his resignation to be regarded as a distinct loss to the institution.

Dr. Simon Appel, formerly at the Ontario Hospital at Toronto, was appointed temporarily to fill the vacancy created by Dr. Moyle's resignation, and later, on July 18th, Dr. Douglas Campbell was permanently appointed to the staff.

Gratefully acknowledging your helpful counsel and support at all times during the year.

I have the honour to be,

Sir,

Your obedient servant,

N. H. BEEMER,

Superintendent.

THE ONTARIO HOSPITAL, PENETANGUISHENE

November 23rd, 1926.

Mr. H. M. Robbins,

Deputy Provincial Secretary,

Parliament Buildings, Toronto, Ont.

RE ANNUAL REPORT

SIR:—

I have the honour to submit herewith the Annual Report of this hospital for the year ending October 31st, 1926.

At the end of last year we had 367 patients in residence. During the year just closed there were forty patients transferred from Toronto and Mimico, twenty patients died, three were discharged, and one was written off eloped, leaving in residence October 31st, 1926, 383.

By changing the location of the sewing room we were enabled to add fifteen beds to the capacity of the hospital. The former sewing room was converted into a dormitory, a new hard-wood floor laid and lavatory facilities installed.

Our rooms for the stores have been completely overhauled and renovated and a new cold storage plant has been built.

The alterations to Cottage B were completed and fire escapes added to both cottages.

Towards the end of the year, the roof of the old root house collapsed and it was necessary to practically rebuild. We have now an up-to-date root house good for many years to come. We also took up three-quarters of a mile

of six-inch water main that had been laid when the hospital pumped its own water supply from the bay. This was an arduous piece of work, as after laying the main, all the boulders in the vicinity seemed to have been utilized in filling up the trench.

In August, the hospital suffered a great loss in the death of the late farmer, Major John Preece. Major Preece was not only active and efficient in his own department but took a keen interest in the general life of the hospital. In all our amusements his cheery personality will be greatly missed.

I have the honour to be, Sir,
Your obedient servant,

W. K. Ross,
Superintendent.

THE ONTARIO HOSPITAL, TORONTO

November 1st, 1926.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto.

RE ANNUAL REPORT

SIR:—

The following is the report for the past fiscal year:

Patients admitted.....	377
“ discharged, deported and eloped.....	231
“ transferred.....	20
“ died.....	105
“ remaining on register, October 31st, 1926.....	847

Of those admitted, seventy-two were suffering from senile psychoses in the various forms. Reference has been made in previous reports to the fact that a large proportion of such patients could be cared for outside of a mental hospital.

It may be noted that the number of patients discharged comprises somewhat over sixty per cent. of the number admitted.

The clinical work of the hospital has been carefully carried out in every particular by the members of the medical staff. The treatment of patients suffering from general paresis by sulfoxyl salvarsan has been continued, and two hundred and seventy-nine intravenous injections have been given during the year. The results are in many respects encouraging, and practically the same as those reported a year ago. Fifty patients suffering from syphilis in various forms (for the most part paresis) have been treated by bismuth hydrate, as supplied by the Provincial Board of Health. It is found that about fifty per cent. show a modification of the Wassermann reaction. In three cases the the Wassermann reaction, which was strongly positive before treatment, is now negative. There has also been an improvement in the general health of those under treatment. No toxic symptoms have been noted and there has been no soreness or discomfort from the injections, which have been given intramuscularly.

The Training School for Nurses is in a healthy condition. The candidates were particularly successful at the examinations last spring. One pupil in the Second Year obtained the highest standing in the Ontario Training Schools, while two pupils stood highest and next to highest in the Junior Year. All of this year's graduates have taken Post Graduate Training and some of them are already filling responsible positions. It is a matter of regret that the majority of graduates do not remain in Canada but take up positions in the United States.

Much has been done to promote the welfare of the patients by improvements to the hospital wards. The work on the windows has been continued and at the present time the old, iron sash windows have been replaced by casement windows in half of the wards. These changes have greatly improved ventilation and I believe that the general health, as well as the comfort of patients, nurses, and staff, has been benefited. New hardwood floors have replaced several of the old pine floors in the corridors and dormitories, and the basement rooms have been floored with cement. Extensive repairs have been carried out on the roof and numerous other renovations and improvements have been made. A considerable amount of painting has been done, both inside and out.

However, there are still a number of urgent requirements, the first of which is a nurses' home. Half of the nursing staff is housed in the main building, where their rest is broken at night and the accommodation is inadequate and entirely unsuitable. I hope that it will be possible this year to carry out the plans which have already been made for alterations and additions to the present nurses' home.

The pressure for admission of patients is very great and the wards are crowded to the utmost. Increased hospital accommodation is needed for the densely populated Toronto area.

Members of the staff, in all departments, deserve commendation for excellent service rendered. They have done everything in their power to make the work of the hospital successful.

I appreciate and gratefully acknowledge the assistance and support given by you and the Department.

I have the honour to remain,
Your obedient servant,

F. S. VROOMAN,
Superintendent.

ONTARIO HOSPITAL, WHITBY

November 1st, 1926.

Mr. H. M. Robbins,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ontario.

SIR:—

I have the honour to submit the Seventh Annual Report of this hospital for the twelve months ending October 31st, 1926.

ADMISSIONS

Heretofore a considerable percentage of our admissions each year have been transfers from other hospitals, but during the period under review, this has not been the case, for we have required every available bed for new admissions. These have numbered three hundred and thirty, of whom fifty two, or nearly sixteen per cent. entered by the voluntary method, and only four of these were alcoholics or drug addicts. This increase involuntary admissions is gratifying, inasmuch as it indicates a more enlightened public opinion regarding our hospitals.

BUILDINGS REQUIRED

Gradually the hospital nears completion in the matter of buildings, but several have yet to be erected to complete our organization. Of these a bake-shop and a green-house may be mentioned, but a new fire-proof store to replace the present small, totally inadequate and unsanitary wooden structure, is a crying necessity.

I have the honour to be, Sir,
Your obedient servant,

J. M. FORSTER,
Superintendent.

ONTARIO HOSPITAL, ORILLIA

November 1st, 1926.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ont.

SIR:—

I have the honour to transmit herewith the Annual Report of the Ontario Hospital, Orillia, for the year ending October 31st, 1926. This is the fiftieth year since the establishment of the institution at the old site on the shore of Lake Couchiching, which is now the town park of Orillia.

The movement of our population, as given in statistical table No. 1, shows that in our nominal capacity for 1,099 patients we have at present 1,321. The problem here offered needs no comment. That we have 600 applications for admission before us with scores of cases pleading distressfully for relief makes necessary some immediate consideration looking to further accommodation for this class of patient. Our new building, which we will occupy very soon, will at most not accommodate more than 200 and, though this will relieve our immediate necessities, it will not provide for the call of the future.

The increase, in recent years, of the demand for institutional care of the mentally deficient has become very acute. The psychological sifting of school children over a large part of the province has emphasized the matter greatly and, though auxiliary classes have been established in increasing numbers, there are many children of the more troublesome type not easily managed by ordinary methods and for these there is a continuous knocking at our doors.

We had a sad experience this year in our loss by the death of Mr. J. P. Downey, who had been superintendent of this institution for fifteen years. Mr.

Downey's personality was such as impressed itself not only upon the institution in every department but upon the entire community through his wide interest in public affairs. His death was a shock to the citizens of Orillia, was widely felt throughout the province and created a void in the public service.

The school department continues its activities not only in the academic work but in the sense-training classes and the various elementary industrial branches where emphasis is being placed upon such processes as later on become a real adjunct in the practical industries.

The various practical activities have been keyed up to high pressure; the industrial rooms, tailor shop and shoe factory, have filled many large and continuous orders, turning out a surprising amount of mats, rugs, dresses, caps, suits, overcoats, overalls, smocks, chef suits, mackinaw coats, shirts and jumpers as well as a variety of beautiful fancy work for various uses.

The medical work during the year has been extensive and important and intimately related with the management of every department. The work begun last year on the study of scarlet fever immunization has been followed up on an extensive scale. We were visited again by an epidemic of this disease and, with the co-operation of the Connaught Laboratory, retested our population involving the observation of 1,202 Dick tests and immunization for several hundred positive reactors, resulting in a more accurate standardization of the requirement for immunity. Our experience afforded a remarkable evidence of the therapeutic value of the antitoxin treatment of scarlet fever. There were fifty-four cases, all of which were treated with antitoxin and, without exception, gave prompt response. There were no deaths and no complications though a number of the cases started out in severe form and occurred in children of poor physique.

There were 413 smallpox vaccinations and 112 typhoid vaccinations. Two cases of typhoid fever occurred (the source of which we could not determine). Diphtheria has been remarkable by its absence. That we had only five cases was due, no doubt, to the persistent use of immunization in recent years. There were 150 immunizations done this year. There were twenty-six cases of chickenpox. Wassermann tests were done in forty instances.

In addition to the above there were eighty-three surgical operations of all sorts, the larger number being for the removal of tonsils and adenoids. This operation, I may add, has, in certain cases, been followed by most gratifying results in physical and general improvement. There were six fractures. The items in the dispensary numbered 9,840.

A good deal of work has been overtaken this summer in necessary repair and reconstruction. The brickwork under the roof was found to be in a bad state as a result of water and frost. Leaks in the roof made necessary a good deal of re-slatting, and other extensive reconstruction has been done under direction of the departmental branch for maintenance and repair. The rink has been largely reconstructed by our carpenter and numerous other major repairs have been or are being completed. Our ice house, which has completely fallen away, will require early replacement.

Allow me here to thank you for your help and counsel given on many occasions.

I have the honour to be, sir,
Your obedient servant,

W. C. HERRIMAN,
Acting Superintendent.

ONTARIO HOSPITAL, WOODSTOCK

RE ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT FOR THE YEAR ENDING
OCTOBER 31, 1926.

To H. M. Robbins, Esq.,
The Deputy Provincial Secretary,
Parliament Buildings, Toronto 5, Canada.

Sir:—

I am enclosing you the twenty-first Annual Report for the Ontario Hospital, Woodstock, for the year ending October 31, 1926.

I have the honour to be,
Your obedient servant,

J. J. WILLIAMS,
Superintendent.

THE ONTARIO HOSPITAL, GUELPH

March 29, 1927.

H. M. Robbins, Esq.,
Deputy Provincial Secretary,
Parliament Buildings, Toronto, Ont.

Dear Sir:—

We have pleasure in enclosing herewith Annual Report for the year ending October 31st, 1926, for the Ontario Hospital, Guelph, in compliance with your letter of the 25th inst.

Yours very truly,

N. C. WALLACE,
Medical Officer.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE
HOMWOOD SANITARIUM, GUELPH

VOLUNTARY BRANCH

TABLE No. 1

Showing movements of patients in the Hospital for the official year ending October 31st, 1926.

Voluntary	Male	Female	Total	Male	Female	Total
Capacity of Hospital.....	75	75	150			
In residence, October 31st, 1925.....				27	35	62
Admitted during year 1926:						
By Warrant.....						
By Medical Certificate.....	149	94	243	149	94	243
Total number under treatment during year.....				176	129	305
Discharges during year:						
As recovered.....	70	33	103			
" improved.....	31	27	58			
" unimproved.....	23	27	50			
" not insane.....	0	0	0			
Total number discharged during year..	124	87	211			
Died.....	9	3	12			
Deported.....	0	0	0			
Eloped.....	3	0	3			
Transferred.....	3	3	6	139	93	232
Remaining in Hospital, October 31st, 1926.....				37	36	73
Total number admitted since opening of hospital.....				2,908	1,507	4,415
Total number discharged since opening of hospital.....	2,598	1,323	3,921			
Total number died since opening of hospital.....	116	71	187			
Total number deported since opening of hospital.....	0	0	0			
Total number eloped since opening of hospital.....	77	8	85			
Total number transferred since opening of hospital.....	80	69	149	2,871	1,471	4,342
Total remaining in Hospital, October 31st, 1926.....				37	36	73
Daily average population.....	32	36	68			
Collective days' stay of all patients in residence during year.....	11,714	13,179	24,893			
Number of applications on file.....	0	0	0			

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE
HOMWOOD SANITARIUM, GUELPH—*Continued*

INSANE BRANCH

TABLE No. 2

Showing movements of patients in the Hospital for the official year ending October 31st, 1926.

	Male	Female	Total	Male	Female	Total
Capacity of Hospital.....	75	75	150			
In residence, October 31st, 1925.....				15	32	47
Admitted during 1926:						
By Warrant.....	0	0	0			
By Medical Certificate.....	35	26	61	35	26	61
Total number under treatment during year.....				50	58	108
Discharges during year:						
As recovered.....	17	11	28			
As improved.....	7	3	10			
As unimproved.....	7	2	9			
As not insane.....	0	0	0			
Total number discharged during year..	31	16	47			
Died.....	4	1	5			
Deported.....	0	0	0			
Eloped.....	0	0	0			
Transferred.....	2	4	6	37	21	58
Remaining in Hospital, October 31st, 1926.....				13	37	50
Total number admitted since opening of hospital.....				935	1,010	1,945
Total number discharged since opening of hospital.....	666	731	1,397			
Total number died since opening of hospital.....	135	110	245			
Total number deported since opening of hospital.....	0	0	0			
Total number eloped since opening of hospital.....	14	6	20			
Total number transferred since opening of hospital.....	107	126	233	922	973	1,895
Total remaining in hospital, October 31st, 1926.....				13	37	50
Daily average population.....	14	34	48			
Collective days' stay of all patients in residence during year.....	4,943	12,005	16,948			
Number of applications on file.....	0	0	0			

REPORT
OF THE
Ontario Board of Parole

For the Year ending October 31st

1926

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



ONTARIO

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1907



Toronto, March 31, 1927.

TO HIS HONOUR WILLIAM DONALD ROSS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit to Your Honour the Annual Report of the Ontario Board of Parole, for the year ending October 31st, 1926.

Respectfully submitted,

L. GOLDIE,
Provincial Secretary.

TORONTO, March 30, 1927.

TO THE HONOURABLE LINCOLN GOLDIE, M.P.P.,
Provincial Secretary and Registrar, Ontario.

SIR:

I have the honour to present herewith the Annual Report of the Ontario Board of Parole for the year ending October 31st, 1926.

I have the honour to be, Sir,

Your obedient servant,

ALFRED E. LAVELL,
Secretary and Chief Officer.

ANNUAL REPORT OF THE ONTARIO BOARD OF PAROLE FOR THE
YEAR ENDING OCTOBER 31, 1926

BOARD OF PAROLE

*Col. Noel G. I. Marshall *Chairman*
W. A. Evans (Sudbury) *Vice-Chairman*
Judge Emerson Coatsworth *Second Vice-Chairman*

Daniel Miller
Mrs. G. A. Brodie
Lieut.-Col. T. Ashmore Kidd (Kingston)
George S. Matthews (Brantford)
J. I. McIntosh (Guelph)
James B. Tudhope (Orillia)

Chief Officer and Secretary Dr. A. E. Lavell
Assistants—Capt. J. A. McElhiney and
Mr. E. J. Etherington

Head of Office Staff Miss Kathleen Shannon

The Ontario Board of Parole is constituted and carries on its operations under certain statutes of Canada and of the Province of Ontario, and paroles only persons who are in prison for an indeterminate sentence.

The following institutions fall within the jurisdiction of the Board:

The Ontario Reformatory at Guelph.

The Ontario Brick and Tile plant at Mimico, which is an adjunct to the Guelph Reformatory.

The Industrial Farm at Burwash.

The Mercer Reformatory for Women at Toronto.

The Industrial Farm at Fort William.

The Toronto Municipal Farm at Langstaff (Men).

The Toronto Municipal Farm at Concord (Women).

The plan upon which the Board operates is to visit each of these prisons (excepting Fort William) once in two months. On the occasion of these meetings each prisoner, sometime before one-half of his definite term has expired, is brought before the Board, and with the file showing his or her record, antecedents, outside environment, report of trial judge or magistrate, the prison record for conduct, and all other obtainable facts, and after having a personal interview with the prisoner, the Board decides whether to refuse or defer action or recommend such other course as it thinks best in the common interest of the public and the prisoner.

*With great regret the death of the Chairman, Col. Noel G. I. Marshall, since the date of the report, is recorded.

The following schedule indicates the activities of the Board during the past year, with the results so far as developed:

Prisoners interviewed and their cases considered and acted upon.....	1296
Prisoners granted parole.....	473
Prisoners recommended to the Minister of Justice of Canada for Ticket-of-Leave.....	16
Prisoners convicted of crime while on parole.....	24
Prisoners on parole who failed to continue reporting and disappeared.....	41
Prisoners who did not live up to required conditions and were returned to prison by the Board.....	30

Were it not for the Parole and Extra Mural Permit systems looking after about 600 prisoners, there would need to be another reformatory erected at once, at no small expense to the province.

It will be readily understood that the longest lists of prisoners whose cases are to be considered by the Board at any one meeting are those at Guelph, usually over 100, and at Burwash, usually fifty to seventy-five. These meetings ordinarily are held on Saturdays and occupy each a whole day, but so great is the pressure at Guelph that every meeting there now begins on Friday and the Board remains over night, and is sitting all day Saturday considering the many cases and special business brought before it.

Space will not permit giving in full the "Conditions of Parole" approved by the Minister of Justice and signed by every prisoner who goes out on parole, but the requisitions include regular work, a stated residence, monthly report, to conduct himself or herself honestly, strictly avoiding liquor, drugs and all bad habits and associations. The parole is subject to revocation on non-compliance with any of these conditions.

While all records are confidential, yet they are complete, and the correctness of the above figures can, at any time, be demonstrated. This is mentioned because of the tendency to judge of the results of parole only by those who reappear in court. These (the admitted failures) obtrude themselves in this manner on the public notice. It is important to remember that in an average year for every one who thus disappoints the expectations of the Board, there are six making their way back into good society, and shunning their past and who are maintaining themselves and their families by industry and honesty.

The Board, in the very nature of things, has to face many serious problems in the selection from among the convicted offenders of those whom it may attempt to reform, and the difficulty is securing their re-establishment as respectable citizens.

Certain classes of prisoners are very rarely paroled until they have spent at least a year actually within the restraint of an institution, such as drug addicts and drunkards; while those convicted of sexual and indecent crimes are often not paroled at all. The case of a prisoner suffering from a venereal disease is not even considered until there is a clean medical sheet.

While the Board is authorized to parole only for the period of an indeterminate sentence, it considers all cases, including those prisoners serving definite sentences, whether followed by an indeterminate sentence or not, and after consideration may recommend to the Minister of Justice that a prisoner during his definite term be granted a Ticket-of-Leave or Dominion Parole, or to the Commissioner for Extra Mural Employment of Sentenced Persons that the inmate be employed outside in custody on a permit. It also may recommend against such actions.

It should be clearly understood that the work of the Board is of a salvage nature and aims so far as may seem reasonably possible at the reformation of the prisoner and the re-establishing him or her as a reputable and law abiding citizen, or as some tersely put it, to convert the offender from a public liability to a public asset.

Without in the slightest degree presuming to criticize judicial sentences it is noteworthy that frequently these, for apparently the same sort of crime, differ greatly, some very long and others appear too short. While sentences cannot be standardized one gets the impression that there should be a greater uniformity and adequacy of sentences.

The indeterminate sentence assists materially to this end and is universally coming into more general use but in view of the fact that definite sentences are here and there given without an indeterminate sentence the Board feels impelled to call attention to the words of His Lordship Chief Justice R. M. Meredith, delivering the judgment of the Court in *Rex vs. Avon* 16, O.W.N. (1919) page 283, where it is said that the Magistrate "fell into the further error of adjudging imprisonment in the Ontario Reformatory for a definite period, although both Provincial and Federal legislation permits only an indeterminate period." See Ontario Reformatory Act, R.S.C. (1914) page 287, section 19, and the Prisons and Reformatory Act, R.S.C. (1906) page 148, section 44.

The Board desires to place on record its high appreciation of the valuable assistance rendered to it by many public and private citizens and especially by the officials of the above mentioned prisons. Without exception those in charge take the greatest possible interest in those committed to their care, observation being made of each prisoner with commendable caution. Their reports and suggestions to the Board are most thorough, considerate and helpful.

The Parole organization is divided into two branches:

First, the Board which hears, considers, and decides upon the case of every prisoner.

Second, the Executive Staff, consisting of Dr. A. E. Lavell, the chief officer, and his two assistants, Captain J. A. McElhiney and Mr. E. J. Etherington. These are principally engaged in investigation and supervising work. There is a large volume of correspondence. They are aided in this by an office staff of four.

The filing system is very extensive and complete. For each prisoner in any of the prisons and under his name or names a file is created. All the correspondence, reports, and other papers relating to that case are attached to it. Many files are large and contain most complete and exhaustive information. There are many thousands of files now in the office.

The "active" files consist of those cases in course of preparation, those not yet on parole and those deferred or refused, usually in all about 1,000, and also those on parole and permit, usually about 600. The "dead" files consist of those relating to inmates whose sentences have expired. These latter are put away and indexed for possible future reference. All files are, of course, strictly confidential.

The work of the Extra Mural Employment for Prisoners is also carried on in the Parole office and by the same staff.

Throughout the year there has been a continuation of complete hearty and efficient co-operation of all in the whole organization. This has contributed in no small measure to the success of the work.

GEO. S. MATTHEWS,
Chairman.

E. COATSWORTH,
W. A. EVANS,
J. F. MCKINLEY,
D. MILLER,
MRS. G. A. BRODIE,
JAMES B. TUDHOPE,
F. C. GRENSIDE,
ALFRED E. LAVELL,
Secretary.

Sixth Annual Report

OF THE

COMMISSIONER

FOR THE

Extra Mural Employment of Sentenced Persons

For the Year Ending October 31st

1926

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



TORONTO

Printed and Published by the Printer to the King's Most Excellent Majesty

1927

ANNUAL REPORT OF THE COMMISSIONER FOR THE EXTRA MURAL EMPLOYMENT OF SENTENCED PERSONS, FOR THE YEAR ENDING OCTOBER 31st, 1926

(See Chap. 148, R.S.C., Secs. 13-16, 47 and 59 and The Ontario Act for the Extra Mural Employment of Sentenced Persons.)

	1925-6	Total for 6 years.
Permits Granted.....	112	1,261
Custodial Failures (of the 112 granted permits).....	3	
Custodial Failures (of last year's permits).....	2	54
Aggregate days served outside on permit.....	16,954	118,693
Wages earned, all going solely to prisoners and families (cir) \$33,000 00		\$278,000 00
Total cost of system during year, except service by Parole Office, (cir).....	\$500 00	\$4,500 00
Saving to the Province in Maintenance (cir).....	\$20,000 00	\$120,000 00

Notes:

(a) The custodial failures were less than three per cent. of those placed outside during the year. None committed a new offence. Two who were granted permits in the previous year disappeared this year. The custodial failures in the six years were about four per cent.

(b) During the year the system was the equivalent of an institution with an average daily population of over fifty persons at a total cost for the year of \$500. This is about one fiftieth of the institutional cost of the same number of prisoners.

(c) No salary was paid the Commissioner. The staff of the Board of Parole attended to all the necessary correspondence, etc., and gave valuable aid in supervision. They did this willingly and efficiently. Scores of private citizens and public officials gave fine service.

(d) The number of employed outside on permit was somewhat less this year than last. This was due to several special causes. The number will, of course, never be constant as it depends always on the material, the need, and the opportunity.

Last year's report covered the full five years' experiment and dealt somewhat exhaustively with (a) the general problem of the employment of prisoners; (b) the conditions which led to the Extra Mural Employment experiment in Ontario; (c) the special problems encountered in the administration of the system which in certain very important respects was a new one in the world; (d) the principal facts discovered and solid conclusions reached in the five years. It will therefore be unnecessary to go into these details in the present report but for clearness they may be summed up as follows:

It would seem to be in the interest of all concerned that prisoners should be employed. The labour should be productive. The contract system is not good. It is desirable that part of the earnings at least should go to dependents. Whether and what wages can be paid to prisoners will largely depend upon:

1. The prisoner's ability and attitude.
2. The availability of work suited to his abilities.
3. The length of the term which he will actually spend in an institution and at the particular job which he has been trained to perform efficiently.
4. The market and demand.
5. The cost of handling.

6. The cost of housing, feeding and custody and depreciation and repairs of building and equipment.

7. Interest on investment in plant and material.

Reformatory terms and inmates are such as make it impossible on sound economic grounds to pay wages as a policy to prisoners working inside an institution. The Extra Mural system was instituted as an attempt to make prisoners wage-earners for their families, working outside, in custody. The chief difficulty was that of custody; but by careful selection and supervision; common sense, responsibility and honour in the prisoners selected; and a due sense of responsibility on the part of public-spirited citizens who consented to act as local deputies for the Commissioner; the total custodial failures out of 1,261 granted permits in six years, was fifty-four, i.e., less than five per cent. Most of those who broke bounds or instructions were subsequently caught and resented, and more of these will doubtless be apprehended, unless indeed they refrain from crime and thus keep out of sight.

THE ESSENTIAL FEATURES OF THE SYSTEM

1. Though the prisoner is outside during his term of sentence, he is neither "at large" nor is he "released." He is not on ticket-of-leave nor is he paroled. His status is not changed by the permit, nor is the sentence.

2. He is placed outside solely for "specific employment" (see 148, R.S.C.) sections 13-67 and 47. Illness, sentiment, doubt as to the wisdom of conviction or sentence, services to the Crown, or other similar matters do not enter into the decision. These points may be taken into account when a case is being considered for clemency by the proper constitutional authorities, but not by the Commissioner for Extra Mural Employment.

3. The earnings of the prisoner outside on permit go wholly to him and his dependants and not to the Province or to any official. This is a far cry from the contract system under which all earnings went to government and contractor.

4. The Commissioner has complete custody of the prisoner and can appoint a local deputy to act on his behalf with custodial powers. The co-operation received by the Commissioner from judges, magistrates, police, clergymen, Salvation Army officers, and many other responsible citizens has been most gratifying and effective. They have taken charge of prisoners voluntarily and without expense to the public and have done splendid work.

5. The assistance received from the Board of Parole and its staff has been invaluable.

6. The system is based fundamentally on the presumption that when a prisoner's liberty is taken from him this time should be used, with a view to the fact that he will eventually be a free man. It takes it for granted that while the offender needs institutional treatment for at least a while, there is a psychological time after which this is needless, ineffective and harmful to prisoner and public and that at that time it is best for all concerned that he be placed to work outside on a permit instead of inside. It also presumes that whether inside or outside he shall be occupied to the best economic interest of himself and the public.

7. Fortunately, public opinion in Ontario is such that though the Commissioner is a provincial appointee and has to receive authority in each case from the Lieutenant-Governor in Council, no attempt whatever has been made by the Council or any member of it to use political or other pressure upon him.

THE ADVANTAGES OF THE SYSTEM

The difficulties and dangers of the system were fully dealt with in last year's report and there would seem to be no special object in restating them. But it is important that its benefits should be clearly grasped. They may be again stated, therefore, as follows:

1. The saving of suffering and punishment to many innocent dependents of offenders.

The family is an organic unit. There is much suffering brought upon the other members by the one who goes wrong and which is unescapable. Nothing can be done to alleviate it. But some kinds of hardships bear upon innocent dependents of offenders which can be lifted, at least to some extent, and which should be taken off their weak shoulders. In ancient days a whole clan was wiped out, including women and children, for the misdeed of one member. We abhor this but are guilty of similar cruelty when we seize and imprison a man who was the only support of his family and make no attempt to provide for its needs. The Extra Mural Permit System of Ontario is by no means a panacea but it does meet this need in many cases. Instead of offering cold charity or kindly philanthropy or municipal doles to those left destitute it gives the criminal himself the opportunity to save his family from want. It does this without expense, but rather a considerable saving, to the Province and with no sacrifice of the just demands of the law. Unless and until some better plan offers it would seem right and proper to maintain and develop this.

There are some who repudiate the responsibility of the public to provide for the family of a prisoner and call it a sentimental interference with the course of justice. They point to the flaws in a system which no one claims to be perfect. They point to the man's offence against society. He stole a car, or forged a note or committed some other crime. He should be imprisoned and kept in prison, they say, no matter what suffering is entailed to others. He did the deed. The public was wronged thereby. Why should the public bear any of his family responsibilities? Such is the attitude, fortunately, of but a few. It is plausible, but one-sided and heartless. A frail wife and her little children have surely had trouble enough from the conviction of the husband and father. Why add to this by inflicting financial and physical suffering upon these innocent persons if it can be avoided? (It sometimes cannot be avoided). To protest against this is surely not sentimentality but real and reasonable humanity. By what ethical right can these persons, wholly guiltless of wrong-doing, be included in the penalty quite properly inflicted upon the criminal himself, unless there is no escape from this?

2. Magistrates and judges are freer to give adequate sentences knowing that so far as it can be arranged in the public interest, the suffering of needy and innocent dependents will be alleviated.

3. The guiding of many offenders themselves to re-establishment at the end of their sentences, through the channel of work for themselves or for their dependents outside as if they were free men, and apparently under the conditions of free men, though they are well aware that they are not free but are strictly accountable and in all essentials are under control by the Province.

Time alone can determine how far this is permanently effective. The five years' experience is not sufficient to show whether the re-establishment of those granted permits is lasting. The results so far give hope of a rather small number of failures but it is not wise to mix hopes with facts. I think it may be said, however, that the psychology of the statement is sound.

4. The financial advantage to dependents, to municipalities or philanthropic agencies who otherwise would find it necessary to support the dependents while the prisoner was serving his term inside, and to the Province which is saved almost the whole cost of guarding, housing and feeding him. The cost of each prisoner inside the reformatory is about \$400 a year. The full cost of each prisoner who was granted a permit in the past six years averages less than \$15 a year. This, in a permanent system, worked in conjunction with our parole system, need never amount to over \$60 a year. It might be considerably less than that figure.

No new type of difficulty was encountered during the year, though, while the problems are always essentially similar, they differ much in detail. One of the failures this year was that of a prisoner with several previous convictions who had been given two years in the reformatory by a justice of the high court for false pretences. The trial judge recommended that he be employed outside on a permit in order that he might recoup his victims. The Commissioner consulted with the Board of Parole and it was agreed by all that this would begin a policy which had been found impracticable in the parole system, and that N's success under the permit system was very doubtful.

However, he had a dependent wife. After a year's imprisonment he was therefore placed outside to support her and also, as far as possible, recoup his victims. For some time he made an honest attempt, but he had a smooth liar of a father and his wife proved unfaithful to him, and these factors, with his past, proved too much for him. He escaped to the United States. We caught him but he was able to prove his American citizenship through a short term in the American army some years ago; we therefore had to let him remain in "the land of the free." One clear gain for this country lies in the fact that he will certainly remain out of it, as a warrant awaits him here with a possible penitentiary sentence.

During the year a question was raised which I had thought had been made clear in last year's report. It concerned the relation of the Commissioner to the Council and how far the Council would deem it necessary to go into the details of his recommendations. There would seem to be no possible doubt that the Commissioner is responsible directly to the Council. He has no power except that given him by the Council. But if Council is to undertake the actual making of decisions in each case it has a very heavy task on its hands. This was made clear in the last report. No commissioner would then be needed. A clerk would get the information which could all go to council and a decision be given. But before such a step were seriously considered, page 8 of last year's report should be carefully read. After the Dominion law had been on the books for ten years, it was practically a dead letter until a commissioner was appointed to act for the council. It may indeed be dangerous for council to entrust such matters as this to an officer, but the alternative is more dangerous. The whole question is entirely a practical one. The council has to trust its officials for decisions in innumerable matters. The only vital decision for Council would seem to be as to the advisability and efficiency of the system and in the selection and continued efficiency and reliability of a commissioner. The actual decision as to the employment of John Doe outside in custody would seem to be a proper one to leave to an official. This matter is so fully stated in the former report as to make repetition superfluous.

No commissioner should or would deliberately hold back information from council, which has the right to know all it wishes to know about any and every case. Hitherto the location of the commissioner's office has made it not only

inconvenient but dangerous to send files to the parliament buildings if these are asked for by council, but in the new offices at the buildings he will be available for call by the council if required and can of necessity come personally with files to explain or make fuller presentation of his reasons for recommendation.

Personally the Commissioner wishes there were some practicable way of having the responsibility of decision shared by others. It is a very heavy one and he only shoulders it because of the public service involved and because he can at present see no other course. In most cases he asks the valued counsel of the Board of Parole which has personal knowledge of the prisoner. The advice of custodians is also sought and this is frankly given. But neither the Board of Parole nor any good custodian desires or would take the responsibility of the final decision, nor can this be wondered at, especially in the light of page 8 of last year's report.

However, in spite of the responsibilities and labour involved, the compensations are well worth the burden and the effort. Human liabilities have been turned into assets; hundreds of innocent and dependent women and children have been saved from undeserved suffering; facts have been noted and recorded which will assist future criminologists in further solving the problem of the proper treatment of the law breaker; the province has been saved a fair sum of money; and the Commissioner has had the great pleasure of coming into intimate fellowship with hundreds of intelligent, sane, public spirited citizens who have efficiently and sagaciously acted as his local deputies in supervising lawbreakers working outside "on permit."

It has been suggested that before a permit is granted, the trial judge or magistrate should give his approval. Experience does not seem to justify this. When a parole is considered, reports from the courts are always asked for. In most cases also when permits are considered a report from the court as to the facts is laid before the commissioner. Though some judges and magistrates unfortunately confuse the permit with executive clemency (few now make that error) a permit does not mean any change whatever in the sentence or the legal status of the prisoner.

Able judges and magistrates who clearly know and grasp the idea of the system decline to offer any comment on the advisability of a permit. They point out that courts are given power to find a prisoner guilty and to sentence him to a term in prison, but, except for the term "with hard labour," or corporal punishment, or death, the *treatment* which the prisoner will receive is deliberately placed by law in other hands. They feel that they have quite enough responsibility and that the law has properly placed the burden of the prisoner's treatment on other shoulders. It is felt further that for courts to decide whether a prisoner ought to be placed outside to work would involve knowledge of some facts quite outside their powers to get, and would mean inequality and injustice in decisions.

The full responsibility of placing a man outside to work on a permit rests therefore upon the Lieutenant-Governor-in-Council as decreed by law. For practical purposes the council appoints a commissioner to advise it and practically to deal with the question on its behalf, though always accountable, in every point, to it. Thus there is unity of decision based on the same fundamental principles for every provincial prisoner in the whole province. This in no way denies the full legal power of right of the council to decline to accept the commissioner's recommendation. He may not have a more intimate knowledge

of facts and persons and issues than the council, but since he is appointed by council for this very purpose, it would seem that he would probably have better knowledge. If he has not, he is not attending to his work and should be replaced.

Readers of this report who may wish fuller knowledge of the principles and facts on which both the parole and permit systems are based, and some explanation of these, may be referred to the book recently published by the Ryerson Press, Toronto, on "The Convicted Criminal and his Re-establishment as a Citizen."

ALFRED E. LAVELL,
Commissioner.

FIFTY-SEVENTH ANNUAL REPORT

OF THE

INSPECTOR OF PRISONS AND PUBLIC CHARITIES

UPON THE

Hospitals and Charitable Institutions

OF THE

PROVINCE OF ONTARIO

BEING FOR THE YEAR ENDING 30th SEPTEMBER

1926

PRINTED BY ORDER OF

THE LEGISLATIVE ASSEMBLY OF ONTARIO



ONTARIO

TORONTO

Printed and Published by the Printer to the King's Most Excellent Majesty

1927

Hospitals and Charitable Institutions

In presenting the fifty-seventh annual report on the Hospitals and Charitable Institutions for the year ending September 30th, 1926, I beg to state that there are at present in Ontario:—

- 140 Public Hospitals, including 12 Sanatoria for Consumptives.
- 70 Private Hospitals.
- 42 Refuges.
- 30 Orphanages.
- 3 Convalescent Homes.
- 31 County Houses of Refuge.

These have, as far as possible, received official visits of inspection during the year, and those entitled to Government aid in accordance with the Statute have shared in the Grants voted by the Legislature for Hospitals and Charities.

THE HOSPITALS

The record of the year indicates the continued success and progress of the Hospitals of Ontario:

Number of patients in the hospitals, October 1st, 1925	8,072
Number of patients admitted during the year	146,991
Number of births in the hospitals during the year	17,743
	<hr/>
Total number under treatment during the year	172,806

The above figures do not include those who received medicine and treatment as outdoor patients.

Number of deaths during the year	8,554
Percentage of deaths to number under treatment	4.95
Total number of days' stay in the hospitals.	3,003,272
Provincial grant to hospitals for the past year.	\$1,132,721.95
Amount earned from all sources other than subscriptions, donations, etc., during the year.	8,417,038.70
Subscriptions, donations, etc., during the year.	1,281,909.83
Total expense for hospitals during the year.	9,348,302.43
Average cost for each patient per day.	3.14
Percentage of Provincial grant to total maintenance expenditure	12.2

PROVINCIAL AID TO HOSPITALS

1. A Provincial grant is made for all patients in a hospital during the first ten years of its existence at the rate of fifty cents per day, irrespective of what sum is contributed by the patients themselves.

2. After a hospital has been in existence for ten years the grant is paid only for patients for whose maintenance \$10.50 per week or less is contributed.

3. In all cases the limit is 120 days, and if the patients remain in the hospital longer than that period the refuge rate of ten cents per day is allowed.

4. No allowance is made for infants born in hospital.

AID TO SANATORIA FOR CONSUMPTIVES

1. A grant of \$4,000 on the erection and satisfactory equipment of the necessary buildings.

2. A grant of seventy-five cents per day for the maintenance of each indigent patient.

These grants to be in consideration of proper accommodation being provided, and only to assist in the maintenance of indigent patients coming from the Province of Ontario. There were 3,581 patients cared for in the ten different Sanatoria for Consumptives during the past year.

THE YEAR'S WORK IN THE HOSPITALS

The number of patients cared for in the Public Hospitals of Ontario during the past year was 172,806.

The total expenditure for maintenance and equipment during the year was \$9,348,302.43.

TABLE I.—Showing the general movements in each hospital separately.

Hospitals.	Location.	Capacity in beds.	Number remaining under treatment on 1st Oct., 1925.	Number admitted during the year ending 30th Sept., 1926.	Number of births in hospital during the year.	Total number under treatment during the year ending 30th Sept., 1926.	Number discharged during the year.	Number who died during the year.	Number remaining under treatment on 30th Sept., 1926.
Rosamond Memorial Hospital.....	Almonte.....	20	9	251	70	330	300	12	18
Royal Victoria Hospital.....	Barrie.....	65	22	644	110	776	728	26	22
General Hospital.....	Belleville.....	100	60	1,582	178	1,820	1,672	95	53
General Hospital.....	Bowmanville.....	23	14	299	47	360	322	22	16
Peel Memorial Hospital.....	Brampton.....	20	5	198	34	237	217	14	6
General Hospital.....	Brantford.....	200	132	2,744	317	3,193	2,898	189	106
Brant Sanatorium.....	".....	60	54	27	.....	81	29	5	47
General Hospital.....	Brookville.....	80	59	1,044	81	1,184	1,085	62	37
St. Vincent de Paul Hospital.....	".....	100	42	1,076	77	1,195	1,117	35	43
Lady Minto Hospital.....	Chapleau.....	33	8	368	29	405	380	12	13
General Hospital.....	Chatham.....	90	48	1,340	137	1,525	1,393	89	43
St. Joseph's Hospital.....	".....	100	28	827	127	982	887	62	33
Public Hospital.....	Clinton.....	25	4	174	21	199	176	12	11
Cobalt Mines Hospital.....	Cobalt.....	36	23	575	1	599	551	31	17
Cottage Hospital.....	Cobourg.....	35	11	475	49	535	499	21	15
Lady Minto Hospital.....	Cochrane.....	37	29	473	46	548	487	26	35
General and Marine Hospital.....	Collingwood.....	40	33	552	44	629	563	30	36
General Hospital.....	Cornwall.....	62	30	778	89	897	816	38	43
Hotel Dieu Hospital.....	".....	80	38	1,631	135	1,804	1,690	76	38
Red Cross Hospital.....	Dryden.....	17	3	250	34	287	264	12	11
Haldimand County Memorial Hospital.....	Dunnville.....	18	15	332	39	386	367	13	6
General Hospital.....	Durham.....	15	12	146	26	184	167	5	12
Red Cross Hospital.....	Englehart.....	5	.....	160	20	180	165	7	8
Royal Alexandra Hospital.....	Fergus.....	60	15	352	50	417	370	29	18
McKellar General Hospital.....	Fort William.....	165	101	3,707	232	4,040	3,793	139	108
General Hospital.....	Galt.....	80	51	1,175	137	1,363	1,256	72	35
General and Marine Hospital.....	Goderich.....	25	8	254	57	319	296	10	13
General Hospital.....	Guelph.....	150	55	1,524	127	1,706	1,564	81	61
St. Joseph's Hospital.....	".....	75	61	1,162	99	1,322	1,206	66	50
Muskoka Cottage Hospital.....	Gravenhurst.....	34	22	66	.....	88	63	6	19
Muskoka Hospital for Consumptives.....	".....	326	284	416	.....	700	380	43	277
Red Cross Hospital.....	Haileybury.....	12	4	210	20	234	212	13	9
City Hospital.....	Hamilton.....	515	361	8,111	820	9,292	8,410	495	387
St. Joseph's Hospital.....	".....	160	109	3,209	433	3,751	3,444	172	135
Mountain Sanatorium.....	".....	350	278	240	.....	518	173	57	288
Memorial Hospital.....	Hanover.....	19	10	180	18	208	193	5	10
St. Paul's Hospital.....	Hearst.....	14	2	121	27	150	141	4	5
Red Cross Hospital.....	Hornepayne.....	6	4	64	19	87	83	2	2
General Hospital.....	Ingersoll.....	30	10	232	59	301	272	17	12
Anson General Hospital.....	Iroquois Falls.....	33	.....	210	39	249	232	8	9
General Hospital.....	Kenora.....	50	23	501	48	572	526	23	23
St. Joseph's Hospital.....	".....	40	25	453	55	533	489	34	10
General Hospital.....	Kincardine.....	21	8	215	43	266	240	15	11
General Hospital.....	Kingston.....	300	139	4,283	159	4,581	4,279	147	155
Hotel Dieu Hospital.....	".....	200	92	2,272	124	2,488	2,316	95	77
Mowat Sanatorium.....	".....	.....	.....	.....	.....	.....	.....	.....	.....
Kirkland Lake and District Hospital.....	Kirkland Lake.....	14	.....	235	25	260	244	10	6
Kitchener and Waterloo Hospital.....	Kitchener.....	60	33	1,420	124	1,577	1,454	81	42
St. Mary's Hospital.....	".....	96	33	1,277	102	1,412	1,313	52	47
Freeport Sanatorium.....	".....	65	55	62	.....	117	50	10	57
Ross Memorial Hospital.....	Lindsay.....	35	16	610	75	701	634	55	12
Red Cross Hospital.....	Lion's Head.....	3	.....	13	2	15	14	.....	1
Listowel Memorial Hospital.....	Listowel.....	20	8	240	28	276	261	10	5
General Hospital.....	London.....	400	243	4,159	292	4,694	4,195	257	242
St. Joseph's Hospital.....	".....	160	91	2,362	275	2,728	2,499	109	120
Bethesda Hospital.....	".....	50	25	222	185	432	403	11	18
Queen Alexandra Sanatorium.....	".....	336	295	465	.....	760	410	56	294
Victoria Home for Incurables.....	".....	95	65	61	.....	126	19	17	90
Rosedale War Memorial Hospital.....	Matheson.....	12	3	70	28	101	89	7	5
General Hospital.....	Mattawa.....	40	14	354	1	369	351	6	12
General Hospital.....	Midland.....	45	21	649	88	758	691	42	25
Mount Forest General Hospital.....	Mount Forest.....	15	6	103	17	126	105	13	8
Red Cross Hospital.....	Nakina.....	6	2	72	10	84	84	.....	.....
Lady Minto Hospital.....	New Liskeard.....	18	6	224	23	253	242	5	6
York County Hospital.....	Newmarket.....	15	8	233	40	281	256	18	7
General Hospital.....	Niagara Falls.....	58	45	1,143	143	1,331	1,211	67	53
Cottage Hospital.....	Niag-on-the-L.....	10	4	98	24	126	114	9	3
Queen Victoria Hospital.....	North Bay.....	50	27	85	831	943	864	37	42
General Hospital.....	Orangeville.....	35	23	330	23	376	326	29	21
General Hospital.....	Orillia.....	76	42	1,188	165	1,395	1,295	53	47
General Hospital.....	Oshawa.....	80	30	1,294	188	1,512	1,436	46	30
Civic Hospital.....	Ottawa.....	600	334	7,508	490	8,332	7,623	369	340
Roman Catholic Hospital.....	".....	225	146	4,175	65	4,386	4,059	154	173

*Institution closed. Returns not available.

TABLE I.—Showing the general movements in each hospital separately.—*Concluded.*

Hospital.	Location.	Capacity in beds.	Number remaining under treatment on 1st Oct., 1925.	Number admitted during the year ending 30th Sept., 1926.	Number of births in hospital during the year.	Total number under treatment during the year ending 30th Sept., 1926.	Number discharged during the year.	Number who died during the year.	Number remaining under treatment on 30th Sept., 1926.
Misericordia Maternity Hospital	Ottawa	230	167	361	416	944	695	111	138
Protestant Infants' Home	"	42	37	104	141	105	105	105	36
Salvation Army Maternity Hospital	"	40	48	764	579	1,391	1,287	56	48
Royal Sanatorium	"	68	59	95	154	62	62	26	66
Perley Home for Incurables	"	63	59	6	65	2	7	56	30
St. Vincent Home for Incurables	"	30	30	12	42	8	4	30	30
General and Marine Hospital	Owen Sound	73	45	826	104	975	877	53	45
Willett Hospital	Paris	16	21	363	69	453	419	18	16
Stone Memorial Hospital	Parry Sound	35	14	371	35	420	395	16	9
St. Joseph's Hospital	"	30	12	328	44	384	359	11	14
Cottage Hospital	Pembroke	50	28	621	32	621	639	23	19
General Hospital	"	150	42	1,230	56	1,328	1,224	57	47
General Hospital	Penetan-guishene	18	11	275	42	328	311	9	8
Great War Memorial Hospital	Perth	20	17	496	47	560	523	13	24
Nicholls Hospital	Peterborough	90	68	1,398	227	1,693	1,560	86	47
St. Joseph's Hospital	"	85	35	946	150	1,131	1,025	71	35
C. E. Englehart Hospital	Petrolia	40	18	364	52	434	401	17	16
Prince Edward County Hospital	Pictou	30	10	281	31	322	310	9	3
General Hospital	Port Arthur	50	21	856	83	960	890	42	28
St. Joseph's Hospital	"	150	63	1,592	181	1,836	1,691	83	62
General Hospital	Port Hope	26	11	534	71	616	570	32	14
Red Cross Hospital	Quibell	2	11	4	15	15	15	15	4
Red Cross Hospital	Rainy River	6	73	13	86	76	6	4	4
Victoria General Hospital	Renfrew	21	27	491	49	567	525	25	17
General and Marine Hospital	St. Catharines	100	73	1,832	275	2,180	1,985	128	67
Consumptive Sanatorium	"	24	13	27	40	12	11	17	17
Red Cross Hospital	St. Joseph Island	8	4	67	17	88	85	2	1
Amasa Wood Hospital	St. Thomas	100	44	1,390	202	1,636	1,497	90	49
Essex County Sanatorium	Sandwich	70	53	87	140	66	8	66	70
General Hospital	Sarnia	70	41	915	151	1,107	1,011	56	40
Plummer Memorial Hospital	Sault Ste. Marie	30	12	513	45	570	545	12	13
General Hospital	"	200	52	1,340	80	1,472	1,367	59	46
Seaforth Memorial Hospital	Seaforth	15	1	224	25	250	237	6	7
Norfolk General Hospital	Simcoe	23	10	468	68	546	506	27	13
General Hospital	Sioux Lookout	16	5	297	29	331	314	11	6
Public Hospital	Smith's Falls	50	29	589	85	703	649	33	21
St. Francis Hospital	"	50	17	443	47	507	462	20	25
Presbyterian Hospital	S. Porcupine	9	115	12	127	119	4	4	4
General Hospital	Stratford	125	38	1,039	156	1,233	1,116	57	60
General Hospital	Strathroy	50	26	384	50	460	421	19	20
St. Joseph's Hospital	Sudbury	150	66	1,976	104	2,146	2,007	69	70
Red Cross Hospital	Thessalon	10	7	90	5	102	87	15	15
Soldiers' Memorial Hospital	Tillsonburg	25	6	156	16	178	167	5	6
General Hospital	Toronto	750	621	11,938	1,226	13,785	12,346	728	711
Grace Hospital	"	128	114	2,785	502	3,401	3,178	102	121
Hospital for Sick Children	"	262	267	5,775	6,042	5,241	568	233	233
Mount Sinai Hospital	"	28	18	770	151	939	903	18	18
Orthopedic Hospital	"	39	22	804	826	791	7	28	28
St. John's Hospital	"	65	53	1,901	2	1,956	1,876	32	48
St. Joseph's Hospital	"	150	92	2,325	241	2,658	2,383	165	110
St. Michael's Hospital	"	295	264	4,637	442	5,343	4,769	335	239
Salvation Army Women's Hospital	"	55	72	1,013	648	1,733	1,641	49	43
Wellesley Hospital	"	100	79	2,025	235	2,339	2,191	70	78
Western Hospital	"	300	235	5,894	843	6,972	6,315	397	260
Women's College Hospital	"	50	49	1,000	326	1,375	1,302	22	51
The Preventorium	"	103	75	197	272	188	1	83	83
Hospital for Incurables	"	240	230	58	288	16	57	215	215
Hospital for Incurable Children	"	40	37	5	42	2	1	39	39
Mercy Hospital for Incurables	"	100	149	149	149	24	43	82	82
General Hospital	Walkerton	26	6	201	20	227	197	18	12
General Hospital	Welland	50	34	881	62	977	884	35	58
Toronto Hospital for Consumptives	"	390	299	369	668	230	125	313	313
King Edward Sanatorium	Weston	390	299	369	668	230	125	313	313
Queen Mary Hospital for Children	Wilberforce	2	8	1	9	8	1	1	1
Red Cross Hospital	Windsor	102	90	2,735	369	3,194	2,955	147	92
Grace Hospital	"	125	104	3,222	514	3,840	3,530	203	107
Hotel Dieu Hospital	"	20	10	280	40	330	306	8	16
General Hospital	Wingham	80	45	114	948	1,107	992	65	50
General Hospital	Woodstock	80	45	114	948	1,107	992	65	50
Totals for 1926		12,535	8,072	146,991	17,743	172,806	155,843	8,554	8,409
Totals for 1925		12,133	7,043	133,781	15,159	155,983	140,623	7,404	7,956

TABLE II.—Showing the collective stay in days of the adult and infant patients, also the average length of time each patient was under treatment.

Hospitals.	Location.	No. of patients, including infants born.	Collective stay of infants under one year of age.	Collective stay of adult patients.	Total collective stay of adults and infants.	Average stay of each patient, including infants.
Rosamond Memorial Hospital.	Almonte.	330	737	4,027	4,764	14.4
Royal Victoria Hospital.	Barrie.	776	35	6,167	6,202	7.9
General Hospital.	Belleville.	1,820	1,412	16,121	17,533	9.6
General Hospital.	Bowmanville.	360	541	4,780	5,321	14.8
Peel Memorial Hospital.	Brampton.	237	392	2,772	3,164	13.3
General Hospital.	Brantford.	3,193	4,026	42,263	46,289	14.5
General Hospital.	Brockville.	1,184	956	17,801	18,757	15.8
St. Vincent de Paul Hospital.	"	1,195	1,236	18,124	19,360	16.2
Lady Minto Hospital.	Chapleau.	405	74	4,294	4,368	10.8
General Hospital.	Chatham.	1,525	1,612	15,842	17,454	11.4
St. Joseph's Hospital.	"	982	1,290	12,784	14,074	14.3
Public Hospital.	Clinton.	199	175	1,787	1,962	9.9
Cobalt Mines Hospital.	Cobalt.	599	4	7,282	7,286	12.2
Cottage Hospital.	Cobourg.	535	490	3,844	4,334	8.1
Lady Minto Hospital.	Cochrane.	548	463	11,031	11,494	21.0
General and Marine Hospital.	Collingwood.	629	446	14,684	15,130	23.9
General Hospital.	Cornwall.	897	943	13,255	14,198	15.8
Hotel Dieu Hospital.	"	1,804	1,288	18,338	19,626	10.9
Red Cross Hospital.	Dryden.	287	94	2,027	2,121	7.3
Haldimand County Memorial Hospital.	Dunnville.	386	467	3,270	3,737	9.7
General Hospital.	Durham.	184	.....	1,992	1,992	10.8
Red Cross Hospital.	Englehart.	180	62	1,308	1,370	7.6
Royal Alexandra Hospital.	Fergus.	417	513	5,966	6,479	15.5
McKellar General Hospital.	Fort William.	4,040	1,915	35,139	37,054	9.1
General Hospital.	Galt.	1,363	1,736	14,121	15,857	11.6
General and Marine Hospital.	Goderich.	319	572	2,753	3,325	10.4
General Hospital.	Guelph.	1,706	1,813	22,058	23,871	14.0
St. Joseph's Hospital.	"	1,322	628	20,135	20,763	15.7
Red Cross Hospital.	Haileybury.	234	166	2,065	2,231	9.5
City Hospital.	Hamilton.	9,292	8,893	140,175	149,068	16.0
St. Joseph's Hospital.	"	3,751	4,864	41,982	46,846	12.6
Memorial Hospital.	Hanover.	208	201	2,291	2,492	12.0
St. Paul's Hospital.	Hearst.	150	211	1,987	2,198	14.7
Red Cross Hospital.	Hornepayne.	87	231	575	806	9.2
General Hospital.	Ingersoll.	301	691	2,928	3,619	12.0
Anson General Hospital.	Iroquois Falls.	249	2	2,228	2,230	8.9
General Hospital.	Kenora.	572	480	9,920	10,400	18.2
St. Joseph's Hospital.	"	533	646	7,474	8,120	15.2
General Hospital.	Kincardine.	266	456	1,924	2,380	9.0
General Hospital.	Kingston.	4,581	.....	59,787	59,787	13.0
Hotel Dieu Hospital.	"	2,488	1,798	38,427	40,225	16.2
Kirkland Lake and District Hospital.	Kirkland Lake.	260	217	2,184	2,401	9.2
Kitchener and Waterloo Hospital.	Kitchener.	1,577	1,581	14,133	15,714	10.0
St. Mary's Hospital.	"	1,412	1,214	12,664	13,878	9.8
Ross Memorial Hospital.	Lindsay.	701	708	8,764	9,472	13.5
Red Cross Hospital.	Lion's Head.	15	.....	120	120	8.0
Listowel Memorial Hospital.	Listowel.	276	13	2,808	2,821	10.2
General Hospital.	London.	4,694	4,209	87,220	91,429	19.4
St. Joseph's Hospital.	"	2,728	3,515	36,206	39,721	14.6
Bethesda Hospital.	"	432	1,427	5,899	7,326	17.0
Rosedale War Memorial Hospital.	Matheson.	101	266	770	1,036	10.3
General Hospital.	Mattawa.	369	11	5,195	5,206	14.1
General Hospital.	Midland.	758	816	7,607	8,423	11.1
Mount Forest General Hospital.	Mount Forest.	126	.....	1,823	1,823	14.4
Red Cross Hospital.	Nakina.	84	54	601	655	7.8
Lady Minto Hospital.	New Liskeard.	253	266	3,551	3,817	15.0
York County Hospital.	Newmarket.	281	399	2,945	3,344	11.9
General Hospital.	Niagara Falls.	1,331	1,590	16,666	18,256	13.7
Cottage Hospital.	Niagara-on-the-Lake.	126	21	962	983	7.8
Queen Victoria Hospital.	North Bay.	943	897	10,294	11,191	11.9
General Hospital.	Orangeville.	376	351	4,290	4,641	12.3
General Hospital.	Orillia.	1,395	.....	14,819	14,819	10.6
General Hospital.	Oshawa.	1,512	2,698	12,081	14,779	9.8
Civic Hospital.	Ottawa.	8,332	6,604	132,489	139,093	16.7
Roman Catholic Hospital.	"	4,386	484	59,771	60,255	13.7
Misericordia Maternity Hospital.	"	944	.....	30,585	30,585	32.4
Protestant Infants' Home.	"	141	.....	9,952	9,952	70.6
Salvation Army Maternity Hospital.	"	1,391	287	9,911	10,198	7.3
General and Marine Hospital.	Owen Sound.	975	993	12,708	13,701	13.9
Willett Hospital.	Paris.	453	617	5,271	5,888	13.0
Stone Memorial Hospital.	Parry Sound.	420	298	6,275	6,573	15.6
St. Joseph's Hospital.	"	384	482	3,189	3,671	9.6
Cottage Hospital.	Pembroke.	681	411	9,567	9,978	14.7
General Hospital.	"	1,328	778	19,402	20,180	15.2
General Hospital.	Penetanguishene.	328	312	2,654	2,966	9.0
Great War Memorial Hospital.	Perth.	560	122	4,848	4,970	8.9

TABLE II.—Showing the collective stay in days of the adult and infant patients, also the average length of time each patient was under treatment.—*Concluded.*

Hospitals.	Location.	No. of patients, including infants born.	Collective stay of infants under one year of age.	Collective stay of adult patients.	Total collective stay of adults and infants.	Average stay of each patient, including infants.
Nicholls Hospital.	Peterborough.	1,693	2,369	19,970	22,339	9.4
St. Joseph's Hospital.	"	1,131	3,611	13,568	17,179	15.2
C. E. Englehart Hospital.	Petrolia.	434	557	4,659	5,216	12.0
Prince Edward County Hospital.	Pictou.	322	352	2,000	2,352	7.3
General Hospital.	Port Arthur.	960	900	12,227	13,127	13.7
St. Joseph's Hospital.	"	1,836	277	21,993	22,270	12.1
General Hospital.	Port Hope.	616	745	4,619	5,364	8.7
Red Cross Hospital.	Quibell.	15	36	176	212	14.1
Red Cross Hospital.	Rainy River.	86	.....	812	812	9.4
Victoria General Hospital.	Renfrew.	567	430	5,774	6,204	10.9
General and Marine Hospital.	St. Catharines.	2,180	1,236	23,765	25,001	11.4
Red Cross Hospital.	St. Joseph Island.	88	277	851	1,128	12.8
Memorial Hospital.	St. Thomas.	1,636	2,210	17,107	19,317	11.8
General Hospital.	Sarnia.	1,107	1,471	12,544	14,015	12.7
Plummer Memorial Hospital.	Sault Ste. Marie.	570	.....	5,816	5,816	10.2
General Hospital.	"	1,472	1,112	15,962	17,074	11.6
Seaforth Memorial Hospital.	Seaforth.	250	148	1,760	1,908	7.6
Norfolk General Hospital.	Simcoe.	546	96	5,698	5,794	10.6
General Hospital.	Sioux Lookout.	331	242	2,502	2,744	8.3
Public Hospital.	Smith's Falls.	703	919	7,695	8,614	12.3
St. Francis Hospital.	"	507	394	8,734	9,128	18.0
Presbyterian Hospital.	South Porcupine.	127	70	941	1,011	7.9
General Hospital.	Stratford.	1,233	1,831	14,870	16,701	13.6
General Hospital.	Strathroy.	460	493	4,779	5,272	11.5
St. Joseph's Hospital.	Sudbury.	2,146	1,213	25,166	26,379	12.2
Red Cross Hospital.	Thessalon.	102	45	1,090	1,135	11.0
Soldiers' Memorial Hospital.	Tillsonburg.	178	129	1,209	1,338	7.5
General Hospital.	Toronto.	13,785	.....	222,827	222,827	16.1
Grace Hospital.	"	3,401	221	34,888	35,109	10.3
Hospital for Sick Children.	"	6,042	.....	96,103	96,103	15.9
Mount Sinai Hospital.	"	939	1,356	5,870	7,226	7.7
Orthopedic Hospital.	"	826	.....	8,028	8,028	9.7
St. John's Hospital.	"	1,956	18	16,926	16,944	8.7
St. Joseph's Hospital.	"	2,658	.....	38,301	38,301	14.4
St. Michael's Hospital.	"	5,343	11	90,187	90,198	16.8
Salvation Army Women's Hospital.	"	1,733	7,908	14,780	22,688	13.1
Wellesley Hospital.	"	2,339	3,525	26,629	30,154	12.8
Western Hospital.	"	6,972	8,680	88,038	96,718	13.9
Women's College Hospital.	"	1,375	.....	12,569	12,569	9.1
General Hospital.	Walkerton.	227	215	4,937	5,152	22.7
General Hospital.	Welland.	977	716	9,054	9,770	10.0
Red Cross Hospital.	Wilberforce.	9	11	55	66	7.4
Grace Hospital.	Windsor.	3,194	3,958	26,911	30,869	9.7
Hotel Dieu Hospital.	"	3,840	5,154	33,216	38,370	10.0
General Hospital.	Wingham.	330	309	2,839	3,148	9.5
General Hospital.	Woodstock.	1,107	1,103	11,522	12,625	11.4
Totals for 1926.	"	168,556	128,548	2,173,919	2,302,467	13.6
Totals for 1925.	"	152,103	122,566	2,007,748	2,130,314	14.0
Sanatoria.						
Brant Sanatorium.	Brantford.	81	.....	19,269	19,269	237.8
Essex County Sanatorium.	Sandwich.	140	.....	22,640	22,640	161.7
Freeport Sanatorium.	Kitchener.	117	.....	21,177	21,177	180.4
Muskoka Cottage Hospital.	Gravenhurst.	88	.....	7,884	7,884	89.2
Muskoka Hospital for Consumptives.	"	700	.....	106,182	106,182	151.6
Mountain Sanatorium.	Hamilton.	518	.....	107,574	107,574	207.6
Mowat Sanatorium.	Kingston.	43	.....	10,289	10,289	234.6
Queen Alexandra Sanatorium.	London.	760	.....	65,042	65,042	85.5
Royal Sanatorium.	Ottawa.	154	.....	23,088	23,088	149.9
Consumptive Sanatorium.	St. Catharines.	40	.....	4,944	4,944	123.5
The Preventorium.	Toronto.	272	.....	25,521	25,521	93.8
Toronto Hospital for Consumptives.	Weston.	668	.....	113,583	113,583	170.0
Totals for 1926.	"	3,581	.....	527,193	527,193	147.2
Totals for 1925.	"	3,275	.....	476,605	476,605	141.2
Hospitals for Incurables.						
Victoria Home for Incurables.	London.	126	.....	28,040	28,040	222.5
Perley Home for Incurables.	Ottawa.	65	.....	20,019	20,019	307.9
St. Vincent Home for Incurables.	"	42	.....	17,817	*17,817	424.2
Mercy Home for Incurables.	Toronto.	149	.....	14,780	14,780	99.2
Toronto Hospital for Incurables.	"	288	.....	79,262	79,262	275.2
Home for Incurable Children.	"	42	.....	13,607	13,607	323.9
Totals for 1926.	"	712	.....	173,525	173,525	243.6
Totals for 1925.	"	506	.....	143,353	143,353	283.5

*Days' stay from 1st Nov., 1924.

TABLE III.—Showing the deductions which have to be made from the collective stay of patients for the protracted residence of incurables, lying-in cases, etc. For persons coming within these classes only ten cents per day is allowed.

Hospitals.	Location.	Collective days' stay, exclusive of infants under one year of age.	Deduct for incurables and lying-in cases for which only Refuge rate is allowed, also, deduct the days' stay of patients who paid over \$10.50 per week.	No. of days' stay for which hospital allowance is made.
Rosamond Memorial Hospital	Almonte	4,027	2,249	1,778
Royal Victoria Hospital	Barrie	6,167	4,050	2,117
General Hospital	Belleville	16,121	13,025	3,096
General Hospital	Bowmanville	4,780	3,344	1,436
Peel Memorial Hospital	Brampton	2,772		2,772
General Hospital	Brantford	42,263	14,056	28,207
Brant Sanatorium	"	19,269		19,269
General Hospital	Brockville	17,801	12,017	5,784
St. Vincent de Paul Hospital	"	18,124	11,535	6,589
Lady Minto Hospital	Chapleau	4,294	3,052	1,242
General Hospital	Chatham	15,842	7,177	8,665
St. Joseph's Hospital	"	12,784	9,926	2,858
Public Hospital	Clinton	1,787		1,787
Cobalt Mines Hospital	Cobalt	7,282	385	6,897
Cottage Hospital	Cobourg	3,844	1,801	2,043
Lady Minto Hospital	Cochrane	11,031	6,362	4,669
General and Marine Hospital	Collingwood	14,684	10,021	4,663
General Hospital	Cornwall	13,255	6,591	6,664
Hotel Dieu Hospital	"	18,338	3,181	15,157
Red Cross Hospital	Dryden	2,027	58	1,969
Haldimand County Memorial Hospital	Dunnville	3,270		3,270
General Hospital	Durham	1,992	74	1,918
Red Cross Hospital	Englehart	1,308	27	1,281
Royal Alexandra Hospital	Fergus	5,966	4,587	1,379
McKellar General Hospital	Fort William	35,139	17,827	17,312
General Hospital	Galt	14,121	7,571	6,550
General and Marine Hospital	Goderich	2,753	1,880	873
General Hospital	Guelph	22,058	11,132	10,926
St. Joseph's Hospital	"	20,135	7,634	12,501
Muskoka Cottage Hospital	Gravenhurst	7,884	7,884	
Muskoka Hospital for Consumptives	"	106,182		106,182
Red Cross Hospital	Haileybury	2,065	8	2,057
City Hospital	Hamilton	140,175	42,068	98,107
St. Joseph's Hospital	"	41,982	25,109	16,873
Mountain Sanatorium	"	107,574		107,574
Memorial Hospital	Hanover	2,291	9	2,282
St. Paul's Hospital	Hearst	1,987		1,987
Red Cross Hospital	Hornepayne	575	31	544
General Hospital	Ingersoll	2,928	1,822	1,106
Anson General Hospital	Iroquois Falls	2,228	67	2,161
General Hospital	Kenora	9,920	7,451	2,469
St. Joseph's Hospital	"	7,474	3,200	4,274
General Hospital	Kincardine	1,924	1,352	572
General Hospital	Kingston	59,787	35,204	24,583
Hotel Dieu Hospital	"	38,427	15,488	22,939
Mowat Sanatorium	"	10,289		10,289
Kirkland Lake and District Hospital	Kirkland Lake	2,184	14	2,170
Kitchener and Waterloo Hospital	Kitchener	14,133	7,295	6,838
St. Mary's Hospital	"	12,664	465	12,199
Freepoint Sanatorium	"	21,177		21,177
Ross Memorial Hospital	Lindsay	8,764	5,096	3,668
Red Cross Hospital	Lion's Head	120	22	98
Listowel Memorial Hospital	Listowel	2,808	301	2,507
General Hospital	London	87,220	54,404	32,816
St. Joseph's Hospital	"	36,206	30,034	6,172
Bethesda Hospital	"	5,899	254	5,645
Queen Alexandra Sanatorium	"	65,042		65,042
Victoria Home for Incurables	"	28,040		28,040
Rosedale War Memorial Hospital	Matheson	770		770
General Hospital	Mattawa	5,195	1,171	4,024
General Hospital	Midland	7,607	4,384	3,223
Mount Forest General Hospital	Mount Forest	1,823	4	1,819
Red Cross Hospital	Nakina	601		601
Lady Minto Hospital	New Liskeard	3,551	3,055	496
York County Hospital	Newmarket	2,945	164	2,781
General Hospital	Niagara Falls	16,666	7,165	9,501
Cottage Hospital	Niagara-on-the-Lake	962	10	952
Queen Victoria Hospital	North Bay	10,294	6,107	4,187
General Hospital	Orangeville	4,290	2,627	1,663
General Hospital	Orillia	14,819	6,887	7,932
General Hospital	Oshawa	12,081	8,069	4,012
Civic Hospital	Ottawa	132,489	11,778	120,711
Roman Catholic Hospital	"	59,771	33,811	25,960
Misericordia Maternity Hospital	"	30,585	26,223	4,362
Protestant Infants' Home	"	9,952	5,647	4,305
Salvation Army Maternity Hospital	"	9,911	41	9,870

TABLE III.—Showing the deductions which have to be made from the collective stay of patients for the protracted residence of incurables, lying-in cases, etc. For persons coming within these classes only ten cents per day is allowed.—*Concluded.*

Hospitals.	Location.	Collective days' stay, exclusive of infants under one year of age.	Deduct for incurables and lying-in cases for which only Refuge rate is allowed, also, deduct the days' stay of patients who paid over \$10.50 per week.	No. of days' stay for which hospital allowance is made.
Royal Sanatorium	Ottawa	23,088		23,088
Perley Home for Incurables	"	20,019		20,019
St. Vincent Home for Incurables	"	17,817		17,817
General and Marine Hospital	Owen Sound	12,708	8,481	4,227
Willett Hospital	Paris	5,271	889	4,382
Stone Memorial Hospital	Parry Sound	6,275	3,570	2,705
St. Joseph's Hospital	"	3,189	122	3,067
Cottage Hospital	Pembroke	9,567	5,785	3,782
General Hospital	"	19,402	7,393	12,009
General Hospital	Penetanguishene	2,654	1,257	1,397
Great War Memorial Hospital	Perth	4,848	18	4,830
Nicholls Hospital	Peterborough	19,970	13,057	6,913
St. Joseph's Hospital	"	13,568	4,666	8,902
C. E. Englehart Hospital	Petrolia	4,659	3,325	1,334
Prince Edward County Hospital	Picton	2,000		2,000
General Hospital	Port Arthur	12,227	6,678	5,549
St. Joseph's Hospital	"	21,993	9,962	12,031
General Hospital	Port Hope	4,619	1,993	2,626
Red Cross Hospital	Quibell	176	4	172
Red Cross Hospital	Rainy River	812	114	698
Victoria General Hospital	Renfrew	5,774	2,695	3,079
General and Marine Hospital	St. Catharines	23,765	19,220	4,545
Consumptive Sanatorium	"	4,944		4,944
Red Cross Hospital	St. Joseph's Island	851		851
Memorial Hospital	St. Thomas	17,107	5,651	11,456
Essex County Sanatorium	Sandwich	22,640		22,640
General Hospital	Sarnia	12,544	8,926	3,618
Plummer Memorial Hospital	Sault Ste. Marie	5,816	598	5,218
General Hospital	"	15,962	8,887	7,075
Seaforth Memorial Hospital	Seaforth	1,760		1,760
Norfolk General Hospital	Simcoe	5,698	247	5,451
General Hospital	Sioux Lookout	2,502		2,502
Public Hospital	Smith's Falls	7,695	2,876	4,819
St. Francis Hospital	"	8,734	4,709	4,025
Presbyterian Hospital	South Porcupine	941		941
General Hospital	Stratford	14,870	9,234	5,636
General Hospital	Strathroy	4,779	3,525	1,254
St. Joseph's Hospital	Sudbury	25,166	8,984	16,182
Red Cross Hospital	Thessalon	1,090	7	1,083
Soldiers' Memorial Hospital	Tillsonburg	1,209		1,209
General Hospital	Toronto	222,827	87,109	135,718
Grace Hospital	"	34,888	13,984	20,904
Hospital for Sick Children	"	96,103	18,446	77,657
Mount Sinai Hospital	"	5,870		5,870
Orthopedic Hospital	"	8,028	6,515	1,513
St. John's Hospital	"	16,926	606	16,320
St. Joseph's Hospital	"	38,301	2,383	35,918
St. Michael's Hospital	"	90,187	32,573	57,614
Salvation Army Woman's Hospital	"	14,780	46	14,734
Wellesley Hospital	"	26,629	25,938	691
Western Hospital	"	88,038	37,767	50,271
Woman's College Hospital	"	12,569	8,373	4,196
The Preventorium	"	25,521		25,521
Hospital for Incurables	"	79,262		79,262
Hospital for Incurable Children	"	13,607		13,607
Mercy Hospital for Incurables	"	14,780		14,780
General Hospital	Walkerton	4,937	3,319	1,618
General Hospital	Welland	9,054	4,381	4,673
Toronto Hospital for Consumptives	Weston	113,583		113,583
King Edward Sanatorium	"			
Queen Mary Hospital for Children	"			
Red Cross Hospital	Wilberforce	55		55
Grace Hospital	Windsor	26,911	1,407	25,504
Hotel Dieu Hospital	"	33,216	17,350	15,866
General Hospital	Wingham	2,839	2,445	394
General Hospital	Woodstock	11,522	8,419	3,103
Totals for 1926		2,874,637	928,217	1,946,420
Totals for 1925		2,657,034	818,996	1,838,038

TABLE IV.—Relative to Income of Hospitals.

Hospitals	Location	Amount from municipalities as a grant and for patients' maintenance.	Amount from patients for board.	Amount as income from property or investments belonging to hospital.	Subscriptions and donations of private individuals and incidental receipts.	Total from all sources other than the Government grant.
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Rosamond Memorial Hospital	Almonte	550 00	9,028 68	762 63	8,590 07	18,931 38
Royal Victoria Hospital	Barrie	1,755 35	21,287 63	466 38	188 10	23,697 46
General Hospital	Bellevue	14,706 55	56,898 05		935 73	72,540 36
General Hospital	Bowmanville	1,996 65	12,033 05	112 25	296 16	14,438 11
Peel Memorial Hospital	Brampton	2,072 00	8,629 15		2,612 43	13,313 58
General Hospital	Brantford	41,403 72	72,568 34	232 14	17,712 53	131,916 73
Brant Sanatorium	"	18,005 00	2,766 00	63 52	3,260 10	24,094 62
General Hospital	Brockville	2,500 00	47,644 23	1,064 89	2,434 76	53,643 88
St. Vincent de Paul Hospital	"	4,357 76	39,942 98	98 99	13,956 41	58,356 14
Lady Minto Hospital	Chapleau	300 00	11,000 09	150 00	3,444 11	14,894 20
General Hospital	Chatham	8,103 40	45,472 15		1,000 00	54,575 55
St. Joseph Hospital	"	1,490 29	30,841 19		3,922 75	36,254 23
Public Hospital	Clinton	750 00	5,292 73		514 34	6,557 07
Cobalt Mines Hospital	Cobalt	484 50	11,769 15	55 00	13,270 93	25,579 58
Cottage Hospital	Cobourg	1,738 00	12,135 37		1,502 01	15,375 38
Lady Minto Hospital	Cochrane		18,962 05	225 00	214 85	19,401 90
General and Marine Hospital	Collingwood	2,000 00	19,666 77	706 19	6,885 97	29,258 93
General Hospital	Cornwall	2,800 00	30,882 83	1,798 32	2,390 07	37,871 22
Hotel Dieu Hospital	"	2,800 00	21,818 30	3,080 00	1,525 90	29,224 20
Red Cross Hospital	Dryden		6,146 00			6,146 00
Haldimand Co. Mem. Hospital	Dunville	1,796 00	11,909 70		1,231 40	14,937 10
General Hospital	Durham	500 00	4,949 43		1,359 18	6,808 61
Red Cross Hospital	Englehart		3,340 40			3,340 40
Royal Alexandra Hospital	Fergus	2,092 50	14,293 48		239 62	16,625 60
McKellar General Hospital	Fort William	16,788 55	78,369 62		1,884 48	97,042 65
General Hospital	Galt	9,575 00	35,312 70		250 79	45,138 49
General and Marine Hospital	Goderich	1,250 00	8,742 00		1,140 00	11,132 00
General Hospital	Guelph	11,577 45	51,716 40		943 37	64,237 22
St. Joseph's Hospital	"	6,077 50	35,004 94		4,507 28	42,589 72
Muskoka Cottage Hospital	Gravenhurst		32,423 76	688 66	55 15	36,167 57
Muskoka Hosp. for Consumptives	"	114,631 15	42,758 81	23,853 40	55,375 88	236,619 24
Red Cross Hospital	Haileybury		6,363 04			6,363 04
City Hospital	Hamilton		202,002 01		11 25	202,013 26
St. Joseph's Hospital	"	3,917 50	117,191 07		2,457 08	123,565 65
Mountain Sanatorium	"	70,995 43	82,844 19	307 50	41,158 50	195,305 62
Memorial Hospital	Hanover	300 00	6,242 31	169 85	1,271 97	7,984 13
St. Paul's Hospital	Hearst		2,413 48		4,296 95	6,710 43
Red Cross Hospital	Hornepayne		2,027 50			2,027 50
General Hospital	Ingersoll	2,600 00	8,696 06	420 65	1,959 25	13,675 96
Anson General Hospital	Iroquois Falls	367 45	8,439 90			8,807 35
General Hospital	Kenora	3,620 00	18,861 26		5,449 37	27,930 63
St. Joseph's Hospital	"	318 00	13,323 58	2,362 10	2,544 42	18,548 10
General Hospital	Kincardine	2,500 00	4,613 53	170 00	2,722 90	10,006 43
General Hospital	Kingston	27,997 00	111,460 43	12,504 52	8,325 02	160,286 97
Hotel Dieu Hospital	"	9,278 00	63,950 50		13,590 00	86,818 50
*Mowat Sanatorium	"					
Kirkland Lake and District Hosp.	Kirkland Lake		5,213 97			5,213 97
Kitchener and Waterloo Hospital	Kitchener	23,287 34	46,011 75		2,014 14	71,313 23
St. Mary's Hospital	"	6,796 83	29,788 05		27,122 07	63,706 95
Freepoint Sanatorium	"	8,100 00	32,938 75		1,484 62	42,523 37
Ross Memorial Hospital	Lindsay	1,700 00	21,004 50	2,000 00	5,617 82	30,322 32
Red Cross Hospital	Lion's Head		326 35			326 35
Listowel Memorial Hospital	Listowel	1,900 00	7,279 85		1,502 96	10,682 81
General Hospital	London	147,652 15	192,396 05	9,129 24	9,949 26	359,126 70
St. Joseph's Hospital	"	3,414 75	108,491 75		6,645 04	118,551 54
Bethesda Hospital	"	3,555 15	9,568 34		3,752 54	16,876 03
Queen Alexandra Sanatorium	"	71,110 50	33,639 44		109,728 00	214,477 94
Victoria Home for Incurables	"	20,532 00	17,425 36	1,960 35	7,111 03	47,028 74
Rosedale War Memorial Hospital	Matheson		1,025 86		3,155 60	4,181 46
General Hospital	Mattawa	100 00	9,444 84		4,390 28	13,935 12
General Hospital	Midland	1,250 00	21,254 71		1,030 67	23,535 38
Mount Forest General Hospital	Mount Forest	717 25	4,619 55		1,910 88	7,247 68
Red Cross Hospital	Nakina		1,716 63			1,716 63
Lady Minto Hospital	New Liskeard		510 00			510 00
York County Hospital	Newmarket	900 00	7,603 65		153 26	8,656 91
General Hospital	Niagara Falls	8,205 65	42,781 28		2,073 39	53,060 32
Cottage Hospital	Niagara-on-the-L.	2,074 00	1,979 40		1,894 28	5,947 68
Queen Victoria Hospital	North Bay	3,163 00	32,629 25		243 27	36,035 52
General Hospital	Orangeville	1,049 00	12,406 94		1,402 71	14,858 65
General Hospital	Orillia	3,248 34	35,567 57		4,564 62	43,380 53
General Hospital	Oshawa	1,825 00	46,978 51	26 13	9,097 54	57,927 18
Civic Hospital	Ottawa	7,271 50	330,234 00		75,985 81	413,491 31
Roman Catholic Hospital	"	26,017 87	132,073 78		42,563 78	200,655 43
Misericordia Maternity Hospital	"	8,856 50	16,854 33		33,497 26	59,208 09
Protestant Infants' Home	"					

TABLE IV.—Relative to Income of Hospitals.—*Concluded.*

Hospitals	Location	Amount from municipalities as a grant and for patients' maintenance.	Amount from patients for board.	Amount as income from property of investments belonging to hospital	Subscriptions and donations of private individuals and incidental receipts.	Total from all sources other than the Government grant.
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Salvation Army Maternity Hosp.	Ottawa	2,153 75	19,178 98		3,813 84	25,146 57
Royal Sanatorium	"	382 50	1,675 48		44,077 85	46,135 83
Percy Home for Incurables	"	3,381 90	12,406 19	995 23	2,908 52	19,691 84
St. Vincent Home for Incurables	"	3,582 90	4,221 93		782 12	8,586 95
General and Marine Hospital	Owen Sound	4,093 31	26,364 91		3,310 87	33,769 09
Willett Hospital	Paris	1,318 16	13,354 93	790 75	2,556 13	18,019 97
Stone Memorial Hospital	Farry Sound	174 50	11,884 17		766 55	12,825 22
St. Joseph's Hospital	"	35 50	6,927 71		233 00	7,196 21
Cottage Hospital	Pembroke	3,368 96	24,683 49		1,099 54	29,151 99
General Hospital	"	5,236 14	39,566 55	216 00	1,610 81	46,629 50
General Hospital	Penetang'shene	2,229 39	5,887 07		2,824 16	10,940 62
Great War Memorial Hospital	Perth	390 50	15,677 72		3,363 72	19,431 94
Nicholls Hospital	Peterborough	2,529 00	53,478 00	12,769 00	5,882 00	74,658 00
St. Joseph's Hospital	"	3,539 00	27,562 96			31,101 96
C. E. Englehart Hospital	Petrolia	3,000 00	16,334 59	75 00	3,108 27	22,517 86
Prince Edward County Hospital	Pictou	1,500 00	8,334 22	243 94	1,720 61	11,798 77
General Hospital	Port Arthur	5,966 39	32,547 09		2,080 31	40,593 79
St. Joseph's Hospital	"	4,976 05	50,384 94	300 00	2,601 73	58,262 72
General Hospital	Port Hope	1,350 00	11,198 03	1,310 10	609 52	14,467 65
Red Cross Hospital	Quibell		179 25			179 25
Red Cross Hospital	Rainy River		2,078 20			2,078 20
Victoria General Hospital	Renfrew	2,051 58	13,116 79		1,864 70	17,033 07
General and Marine Hospital	St. Catharines	13,814 50	57,718 55	1,952 50	7,505 56	80,990 65
Consumptive Sanatorium	"	7,467 68	208 00	873 50	20,268 00	28,817 18
Red Cross Hospital	St. Joseph's Isl.		1,711 50			1,711 50
Amasa Wood Hospital	St. Thomas	12,000 00	56,653 48		6,327 86	74,981 34
Essex County Sanatorium	Sandwich	20,836 89	14,305 56	85 30	16,811 61	52,039 36
General Hospital	Sarnia	6,800 00	36,090 96	3,130 27	232 49	46,253 72
Plummer Memorial Hospital	Sault Ste. Marie	1,267 00	19,219 40	150 00	844 97	21,481 37
General Hospital	"	2,853 70	38,845 36		7,576 40	49,275 46
Seaforth Memorial Hospital	Seaforth	784 50	7,015 62		50 00	7,850 12
Norfolk General Hospital	Simcoe	521 75	15,517 27		1,262 57	17,301 59
General Hospital	Sioux Lookout		9,118 06	14 50	417 35	9,549 91
Public Hospital	Smith's Falls	2,000 00	21,034 95	2,153 82	4,992 80	30,181 57
St. Francis Hospital	"	1,100 00	18,610 93		5,236 45	24,947 38
Presbyterian Hospital	S. Porcupine	2,300 00	2,481 71		2,015 00	6,796 71
General Hospital	Stratford	15,751 91	37,942 34	99 15	3,002 01	56,795 41
General Hospital	Strathroy	3,762 00	15,558 05		1,550 00	20,870 05
St. Joseph's Hospital	Sudbury	3,536 50	60,723 83		6,059 79	70,320 12
Red Cross Hospital	Thessalon		4,141 10			4,141 10
Soldiers' Memorial Hospital	Tillsonburg		4,258 05	1,500 00	187 20	5,945 25
General Hospital	Toronto	129,178 04	697,701 46	65,580 00	26,386 11	918,845 61
Grace Hospital	"	20,707 54	104,596 75	2,769 46	5,045 05	133,118 80
Hospital for Sick Children	"	110,710 76	87,486 55	29,774 27	73,049 57	301,021 15
Mount Sinai Hospital	"	1,847 00	15,170 23		14,232 17	31,249 40
Orthopedic Hospital	"	3,731 70	28,727 30		63,656 71	96,115 71
St. John's Hospital	"	4,131 58	76,595 01		4,096 56	84,823 15
St. Joseph's Hospital	"	21,265 94	74,399 06	88 82	120 00	95,873 82
St. Michael's Hospital	"	73,466 94	188,149 28		9,439 54	271,055 76
Salvation Army Women's Hospital	"	777 00	35,086 75	54 84	7,196 42	43,115 01
Wellesley Hospital	"	394 50	188,858 70			189,253 20
Western Hospital	"	50,648 15	207,780 59		42,596 65	301,025 39
Women's College Hospital	"	2,892 00	49,130 29	128 38	2,036 68	54,187 35
The Preventorium	"	28,753 15	1,381 00	297 26	22,942 18	53,373 59
Hospital for Incurables	"	5,784 00	25,507 13	13,179 71	107,413 93	151,884 77
Hospital for Incurable Children	"	1,969 00	2,451 30	4,359 76	14,781 41	23,561 47
Mercy Hospital for Incurables	"	23,937 00	3,325 05		187 50	27,449 55
General Hospital	Walkerton	2,800 00	7,950 73		689 57	11,440 30
General Hospital	Welland	3,000 00	25,660 93		3,331 29	31,992 22
Toronto Hosp. for Consumptives	Weston	143,853 67	14,466 50	17,675 50	44,166 20	220,161 87
King Edward Sanatorium	Wilberforce		386 95			386 95
Queen Mary Hospital for Children	Windsor	5,027 90	89,532 43		13,455 13	108,015 46
Red Cross Hospital	"	8,137 64	63,992 44		61,792 84	133,922 92
Hotel Dieu Hospital	Wingham	1,150 00	9,797 88	42 01	527 65	11,517 54
General Hospital	Woodstock	4,500 00	37,605 70	1,247 76	2,890 45	46,243 91
Totals for 1926		1,541,441 05	5,507,737 26	224,264 08	1,281,909 83	8,555,352 22
Totals for 1925		1,790,439 67	4,860,237 78	181,758 70	827,869 56	7,660,305 71

*Institution closed. Returns not available.

TABLE V.—Showing the basis upon which Statutory Aid is granted.

Hospitals.	Location.	Collective days' stay upon which Hospital grants are based.	Amount of grant for proper Hospital cases.	Collective days' stay upon which computation of Refuge rate is based.	Computation of 10 cents per day for Refuge rate for Hospital treatment over time allowance.	Days at \$2.00 per day.	\$	c.	Amount payable to each Hospital from appropriation by the Legislature of 1926.
Rosamond Memorial Hospital.	Almonte.	1,778	\$ 889 00	887	\$ 88 70	.....	.....	.....	\$ 977 70
Royal Victoria Hospital.	Barrie.	2,117	1,058 50	.....	.....	.....	.....	.....	1,058 50
General Hospital.	Belleville.	3,096	1,548 00	13	1 30	.....	.....	.....	1,549 30
General Hospital.	Bowmanville.	1,436	718 00	183	18 30	.....	.....	.....	736 30
Peel Memorial Hospital.	Brampton.	2,772	1,386 00	.....	.....	.....	.....	.....	1,386 00
General Hospital.	Bramford.	28,207	14,103 50	2,136	213 60	.....	.....	.....	14,317 10
General Hospital.	Brockville.	5,784	2,892 00	830	83 00	.....	.....	.....	2,975 00
St. Vincent de Paul Hospital.	"	6,589	3,294 50	326	32 60	.....	.....	.....	3,327 10
Lady Minto Hospital.	Chapleau.	1,242	621 00	.....	.....	169	338 00	.....	959 00
General Hospital.	Chatham.	8,665	4,332 50	333	33 30	.....	.....	.....	4,305 80
St. Joseph's Hospital.	"	2,858	1,429 00	36	3 60	.....	.....	.....	1,432 60
Public Hospital.	Clinton.	1,787	893 50	.....	.....	.....	.....	.....	893 50
Cobalt Mines Hospital.	Cobalt.	6,897	3,448 50	.....	.....	385	770 00	.....	4,218 50
Cottage Hospital.	Cobourg.	2,043	1,021 50	.....	.....	.....	.....	.....	1,021 50
Lady Minto Hospital.	Cochrane.	4,669	2,334 50	322	32 20	1,470	2,940 00	.....	5,306 70
General and Marine Hospital.	Collingwood.	4,663	2,331 50	7,152	715 20	.....	.....	.....	3,046 70
General Hospital.	Cornwall.	6,664	3,332 00	312	31 20	.....	.....	.....	3,363 20
Hotel Dieu Hospital.	"	15,157	7,578 50	387	38 70	.....	.....	.....	7,617 20
Red Cross Hospital.	Dryden.	1,969	984 50	.....	.....	58	116 00	.....	1,100 50
Haldimand County Memorial Hospital.	Dunville.	3,270	1,635 00	.....	.....	.....	.....	.....	1,635 00
General Hospital.	Durham.	1,918	959 00	74	7 40	.....	.....	.....	966 40
Red Cross Hospital.	Englehart.	1,281	640 50	.....	.....	27	54 00	.....	694 50
Royal Alexandra Hospital.	Fergus.	1,379	689 50	808	80 80	.....	.....	.....	770 30
McKellar General Hospital.	Fort William.	17,312	8,656 00	2,349	234 90	879	1,758 00	.....	10,648 90
General Hospital.	Galt.	6,550	3,275 00	248	24 80	.....	.....	.....	3,299 80
General and Marine Hospital.	Goderich.	873	436 50	.....	.....	.....	.....	.....	436 50
General Hospital.	Guelph.	10,926	5,463 00	3	.....	.....	.....	.....	5,463 30
St. Joseph's Hospital.	"	12,501	6,250 50	1,015	101 50	.....	.....	.....	6,352 00
Red Cross Hospital.	Haileybury.	2,057	1,028 50	.....	.....	8	16 00	.....	1,044 50
City Hospital.	Hamilton.	98,107	49,053 50	8,116	811 60	.....	.....	.....	49,865 10
St. Joseph's Hospital.	"	16,873	8,436 50	253	25 30	.....	.....	.....	8,461 80
Memorial Hospital.	Hanover.	2,282	1,141 00	9	.....	.....	.....	.....	1,141 90

TABLE V.—Showing the basis upon which Statutory Aid is granted.—*Concluded.*

Hospitals.	Location.	Collective days' stay upon which Hospital grants are based.	Amount of grant for proper Hospital cases.	Collective days' stay upon which computation of Refug. rate is based.	Computation of 10 cents per day Refug. rate for Hospital treatment over time allowance.	Days at \$2.00 per day.	\$ c.	Amount payable to each Hospital from appropriation by the Legislature of 1926.
General Hospital.	Penanguishene.	1,397	\$ 698 50	231	23 10		721 60	
Great War Memorial Hospital.	Perth.	4,830	2,415 00	18	1 80		2,416 80	
Nicholls Hospital.	Peterborough.	6,913	3,456 50	982	98 20		3,554 70	
St. Joseph's Hospital.	"	8,902	4,451 00	1,677	167 70		4,618 70	
C. E. Englehart Hospital.	Petrolia.	1,334	667 00	91	9 10		676 10	
Prince Edward County Hospital.	Pictou.	2,000	1,000 00				1,000 00	
General Hospital.	Port Arthur.	5,519	2,774 50	538	53 80	170	3,168 30	
St. Joseph's Hospital.	"	12,031	6,015 50	432	43 20	243	6,544 70	
General Hospital.	Port Hope.	2,626	1,313 00				1,313 00	
Red Cross Hospital.	Quibell.	172	86 00			4	94 00	
Red Cross Hospital.	Rainy River.	698	349 00	10	1 00	104	558 00	
Victoria General Hospital.	Renfrew.	3,079	1,539 50				1,539 50	
General and Marine Hospital.	St. Catharines.	4,545	2,272 50	851	85 10		2,357 60	
Red Cross Hospital.	St. Joseph's Island.	851	425 50				425 50	
Memorial Hospital.	St. Thomas.	11,456	5,728 00	714	71 40		5,799 40	
General Hospital.	Sarnia.	3,618	1,809 00	204	20 40		1,829 40	
Plummer Memorial Hospital.	Sault Ste. Marie.	5,218	2,609 00	598	59 80		2,668 80	
General Hospital.	"	7,075	3,537 50	900	90 00	97	3,821 50	
Seaforth Memorial Hospital.	Seaforth.	1,760	880 00				880 00	
Norfolk General Hospital.	Simcoe.	5,451	2,725 50	247	24 70		2,750 20	
General Hospital.	St. Joseph's Island.	2,502	1,251 00				1,251 00	
Public Hospital.	Smith's Falls.	4,819	2,409 50	178	17 80		2,427 30	
St. Francis Hospital.	"	4,025	2,012 50	1,133	113 30		2,125 80	
Presbyterian Hospital.	South Porcupine.	941	470 50				470 50	
General Hospital.	Stratford.	5,636	2,818 00	398	39 80		2,857 80	
General Hospital.	Strathroy.	1,254	627 00	47	4 70		631 70	
St. Joseph's Hospital.	Sudbury.	16,182	8,091 00	934	93 40	2,214	12,612 40	
Red Cross Hospital.	Thessalon.	1,083	541 50			7	555 50	
Soldiers' Memorial Hospital.	Tillsonburg.	1,209	604 50				604 50	
General Hospital.	Toronto.	135,718	67,859 00	8,622	862 20	717	70,155 20	
Grace Hospital.	"	20,904	10,452 00	527	52 70		10,504 70	
Hospital for Sick Children.	"	77,657	38,828 50	11,306	1,130 60	1,637	43,233 10	

	Toronto	2,935 00	831	83 10	2,935 00	2,935 00
Mount Sinai Hospital	5,870	756 50	831	83 10	756 50	839 60
Orthopedic Hospital	1,513	8,160 00	600	60 60	8,160 00	8,220 60
St. John's Hospital	16,320	17,959 00	2,383	238 30	17,959 00	18,197 30
St. Joseph's Hospital	35,918	28,807 00	5,582	558 20	28,807 00	29,365 20
St. Michael's Hospital	57,614	7,367 00	46	4 60	7,367 00	7,371 60
Salvation Army Maternity Hospital	11,734	345 50			345 50	345 50
Wellesley Hospital	691	25,135 50	1,687	168 70	25,135 50	25,304 20
Western Hospital	50,271	2,098 00	48	4 80	2,098 00	2,102 80
Women's College Hospital	1,196	39,631 00			39,631 00	39,631 00
Hospital for Incurables	79,262	6,803 50			6,803 50	6,803 50
Hospital for Incurable Children	13,607	7,390 00			7,390 00	7,390 00
Mercy Home for Incurables	14,780	809 00	2,077	207 70	809 00	1,016 70
General Hospital	1,618	2,336 50	9	90	2,336 50	2,337 40
General Hospital	4,673	27 50			27 50	27 50
Red Cross Hospital	55	12,752 00	1,407	140 70	12,752 00	12,892 70
Grace Hospital	25,504	7,933 00	111	11 10	7,933 00	7,944 10
Hotel Dieu Hospital	15,866	197 00			197 00	197 00
General Hospital	394	1,551 50	208	20 80	1,551 50	1,572 30
General Hospital	3,103					
Totals for 1926	1,427,111	713,555 50	123,567	12,356 70	713,555 50	743,240 20
Totals for 1925	1,369,113	684,556 50	130,231	13,023 10	684,556 50	720,671 60

	Sanatoria.	Location.	Collective days' stay of patients.	Amount of grant to each institution at the rate of 75 cents per day.	
				\$	c.
Brant Sanatorium		Brantford	19,269	14,451	75
Muskoka Hospital for Consumptives		Gravenhurst	106,182	79,636	50
Mountain Sanatorium		Hamilton	107,574	80,680	50
Mowat Sanatorium		Kingston	10,289	7,716	75
Precept Sanatorium		Kitchener	21,177	15,882	75
Queen Alexandra Sanatorium		London	65,042	48,781	50
Royal Sanatorium		Ottawa	23,088	17,316	00
Consumptive Sanatorium		St. Catharines	4,944	3,708	00
Essex County Sanatorium		Sandwich	22,640	16,980	00
The Preventorium		Toronto	25,521	19,140	75
Toronto Hospital for Consumptives		Weston	113,583	85,187	25
King Edward Sanatorium					
Queen Mary Hospital for Children					
Totals for 1926			519,309	389,481	75
Totals for 1925			468,925	351,693	75

TABLE VI.—Showing the cost of maintaining the Hospitals, also average daily cost per patient, etc.

Hospitals.	Location.	Collective days' stay, exclusive of infants under one year of age.	Cost of dictaries.		Salaries, fuel, light, medicine, bedding, and all other ex- penses on main- tenance account.	Total expense for maintenance.	Average cost of each patient per day.		Average cost of dietary of each patient per day.		
			\$	c.			\$	c.	\$	c.	\$	c.
Rosamond Memorial Hospital	Almonte	4,027	2,230	23	11,002	57	13,232	80	3	28	55
Royal Victoria Hospital	Barrie	6,167	8,169	21	19,166	42	27,335	63	4	43	132
General Hospital	Belleville	16,121	17,507	16	45,892	68	63,399	84	3	90	109
General Hospital	Bowmanville	4,780	3,781	06	11,734	86	15,515	92	3	24	79
Peel Memorial Hospital	Brampton	2,772	1,960	90	7,152	86	9,113	76	3	29	71
General Hospital	Brantford	42,263	28,460	41	115,879	35	144,339	76	3	41	67
Brant Sanatorium	"	19,269	9,214	77	31,990	40	41,205	17	2	14	48
General Hospital	Brockville	17,801	16,595	08	38,094	99	54,690	07	3	07	93
St. Vincent de Paul Hospital	"	18,124	19,087	15	38,830	66	57,917	81	3	20	105
Lady Minto Hospital	Chapleau	4,294	2,467	98	11,967	06	14,435	04	3	36	57
General Hospital	Chatham	15,842	16,508	88	40,301	30	56,810	18	3	59	104
St. Joseph's Hospital	"	12,784	12,728	47	23,610	83	36,339	30	2	85	100
Public Hospital	Clinton	1,787	2,032	33	5,541	95	7,574	28	4	24	14
Cobalt Mines Hospital	Cobalt	7,282	5,727	54	23,986	30	29,713	84	4	07	79
Cottage Hospital	Cobourg	3,844	3,258	54	13,678	27	16,936	81	4	41	85
Lady Minto Hospital	Cochrane	11,031	5,473	39	17,692	34	23,165	73	2	10	50
General and Marine Hospital	Collingwood	14,684	9,316	38	25,929	58	35,245	96	2	40	63
General Hospital	Cornwall	13,255	10,271	63	27,960	37	38,232	00	2	88	77
Hotel Dieu Hospital	"	18,338	13,109	99	22,930	81	36,032	80	1	96	71
Red Cross Hospital	Dryden	2,027	1,860	21	7,343	05	9,203	26	†	10	76
Haldimand County Memorial Hosp.	Dunville	3,270	1,790	40	10,914	12	12,704	52	3	89	55
General Hospital	Durham	1,992	1,148	64	3,750	13	4,898	77	2	46	59
Red Cross Hospital	Englehart	1,308	1,394	88	6,697	81	8,092	69	†	22	88
Royal Alexandra Hospital	Fergus	5,966	4,123	41	12,424	91	16,548	32	2	77	69
McKellar General Hospital	Fort William	35,139	24,796	17	82,850	90	107,647	07	3	06	71
General Hospital	Galt	14,121	13,098	37	32,460	06	45,558	43	3	22	92
General and Marine Hospital	Goderich	2,753	2,969	00	7,973	00	10,942	00	3	97	108
General Hospital	Guelph	22,058	16,238	43	64,338	55	80,576	98	3	65	74
St. Joseph's Hospital	"	20,135	12,991	36	32,455	00	45,446	36	2	26	61
Muskoka Cottage Hospital	Gravenhurst	7,884	6,621	12	20,104	16	26,725	28	3	38	83
Muskoka Hospital for Consumptives	"	106,182	81,284	19	163,453	65	244,737	84	2	30	76
Red Cross Hospital	Haileybury	2,065	1,719	43	6,771	55	8,490	98	†	14	80
City Hospital	Hamilton	140,175	114,254	27	366,370	91	480,625	18	3	43	82
St. Joseph's Hospital	"	41,982	39,285	08	91,994	66	131,279	74	3	13	94
Mountain Sanatorium	"	107,574	77,484	91	170,860	68	248,345	59	2	31	72
Memorial Hospital	Hanover	2,291	1,704	74	9,087	48	10,792	22	4	71	74
St. Paul's Hospital	Hearst	1,987	1,283	16	5,470	01	6,753	17	2	76	65
Red Cross Hospital	Hornepayne	575	1,091	72	4,351	53	5,443	25	"	"	"
General Hospital	Ingersoll	2,928	2,593	63	10,177	54	12,771	17	4	36	88
Anson General Hospital	Iroquois Falls	2,228	3,411	31	17,265	16	20,676	47	9	28	153
General Hospital	Kenora	9,920	5,313	06	23,848	64	29,161	70	2	94	54
St. Joseph's Hospital	"	7,474	4,796	15	13,407	09	18,203	24	2	44	64
General Hospital	Kincardine	1,924	1,169	34	7,850	48	9,019	82	4	64	61
General Hospital	Kingston	59,787	60,894	18	106,288	49	167,182	67	2	80	102
Hotel Dieu Hospital	"	38,427	31,849	26	67,053	00	98,902	26	2	57	83
Mowat Sanatorium	" (b.)	10,289	"	"	"	"	"	"	"	"	"
Kirkland Lake and District Hospital	Kirkland Lake	2,184	2,322	60	7,639	74	9,962	34	†	08	91
Kitchener and Waterloo Hospital	Kitchener	14,133	13,121	13	49,593	93	62,715	06	4	43	93
St. Mary's Hospital	"	12,664	12,046	08	49,278	54	61,324	62	4	84	95
Freeport Sanatorium	"	21,177	12,306	96	33,446	26	45,753	22	2	16	58
Ross Memorial Hospital	Lindsay	8,764	7,409	14	24,015	40	31,424	54	3	59	85
Red Cross Hospital	Lion's Head	120	361	52	1,963	50	2,325	02	"	"	"
Listowel Memorial Hospital	Listowel	2,808	2,562	76	9,797	91	12,360	67	4	40	91
General Hospital	London	87,220	88,787	29	277,514	37	366,301	66	4	20	102
St. Joseph's Hospital	"	36,206	40,838	36	77,395	42	118,233	78	3	27	113
Bethesda Hospital	"	5,899	4,998	59	17,932	37	22,930	96	3	88	85
Queen Alexandra Sanatorium	" (a.)	192,439	75,688	62	171,908	48	247,597	10	1	29	39
Victoria Home for Incurables	"	28,040	8,302	80	38,374	48	46,677	28	1	66	30
Rosedale War Memorial Hospital	Matheson	770	1,093	50	3,339	91	4,433	41	5	76	142
General Hospital	Mattawa	5,195	4,507	86	10,332	87	14,840	73	2	86	87
General Hospital	Midland	7,607	4,003	76	20,774	65	24,778	41	3	26	53
Mount Forest General Hospital	Mount Forest	1,823	1,402	56	5,898	71	7,301	27	4	01	77
Red Cross Hospital	Nakina	601	1,247	17	4,884	69	6,131	86	"	"	"
Lady Minto Hospital	New Liskeard	3,551	893	12	2,527	99	3,421	11	†	74	104
York County Hospital	Newmarket	2,945	1,987	06	7,584	93	9,571	99	3	25	67
General Hospital	Niagara Falls	16,666	15,677	26	46,053	92	61,731	18	3	70	94
Cottage Hospital	Niag.-on-the-L.	962	1,535	85	3,894	96	5,430	81	5	85	160
Queen Victoria Hospital	North Bay	10,294	7,706	88	27,436	77	35,143	65	3	41	75
General Hospital	Orangeville	4,290	3,360	32	10,680	01	14,040	33	3	27	78
General Hospital	Orillia	14,819	10,801	61	27,792	22	38,593	83	2	60	73
General Hospital	Oshawa	12,081	13,398	52	37,718	04	51,116	56	4	23	111
Civic Hospital	Ottawa	132,489	130,988	23	344,584	34	475,572	57	3	59	99
Roman Catholic Hospital	"	59,771	34,854	78	152,202	64	187,057	42	3	12	58
Misericordia Maternity Hospital	"	30,585	15,060	19	40,682	74	55,742	93	1	82	49
Protestant Infants' Home	"	9,952	"	"	"	"	"	"	"	"	"
Salvation Army Maternity Hospital	"	9,911	10,199	92	27,402	37	37,602	29	3	79	102

TABLE VI.—Showing the cost of maintaining the Hospitals, also average daily cost per patient, etc.—*Concluded.*

Hospitals.	Location.	Collective days' stay, exclusive of infants under one year of age.	Cost of dietaries.	Salaries, fuel, light, medicine, bedding, and all other expenses on maintenance account.	Total expense for maintenance.	Average cost of each patient per day.	Average cost of dietary of each patient per day.
			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Royal Sanatorium	Ottawa	23,088	12,141 42	50,918 01	63,059 43	2 73	53
Perley Home for Incurables	"	20,019	6,289 16	19,082 05	25,371 21	1 27	31
St. Vincent Home for Incurables	"	17,817	3,651 83	7,171 71	10,823 54	0 61	20
General and Marine Hospital	Owen Sound	12,708	11,176 41	23,742 19	34,918 60	2 75	88
Willett Hospital	Paris	5,271	3,381 49	17,221 53	20,603 02	3 91	64
Stone Memorial Hospital	Parry Sound	6,275	3,656 67	11,451 88	15,108 55	2 41	58
St. Joseph's Hospital	"	3,189	2,451 05	6,162 00	8,613 05	2 70	77
Cottage Hospital	Pembroke	9,567	5,745 85	21,362 41	27,108 26	2 83	60
General Hospital	"	19,402	11,158 83	42,235 85	53,394 68	2 75	58
General Hospital	Penetang shene	2,654	1,957 99	9,135 24	11,093 23	4 18	74
Great War Memorial Hospital	Perth	4,848	4,876 64	15,418 31	20,294 95	4 19	1 01
Nicholls Hospital	Peterborough	19,970	15,354 00	52,835 00	68,189 00	3 41	77
St. Joseph's Hospital	"	13,568	10,010 85	25,914 78	35,925 63	2 65	74
C. E. Englehart Hospital	Petrolia	4,659	4,044 27	16,258 28	20,302 55	4 36	87
Prince Edward County Hospital	Pictou	2,000	1,898 49	10,178 70	12,077 19	6 04	95
General Hospital	Port Arthur	12,227	9,923 11	26,015 84	35,938 95	2 94	81
St. Joseph's Hospital	"	21,993	18,101 48	39,857 10	57,958 58	2 64	82
General Hospital	Port Hope	4,619	2,903 16	13,760 82	16,663 98	3 59	63
Red Cross Hospital	Quibell	176	399 65	2,709 64	3,109 29	"	"
Red Cross Hospital	Rainy River	812	886 58	4,308 59	5,195 17	"	"
Victoria General Hospital	Renfrew	5,774	3,251 81	14,062 86	17,314 67	3 00	56
General and Marine Hospital	St. Catharines	23,765	24,757 83	64,451 29	89,209 12	3 75	1 04
Consumptive Sanatorium	"	4,944	3,953 78	7,370 42	11,324 20	2 29	80
Red Cross Hospital	St. Joseph's Isl.	851	1,011 27	3,932 67	4,943 94	"	"
Amasa Wood Hospital	St. Thomas	17,107	17,450 04	52,971 31	70,421 35	4 11	1 02
Essex County Sanatorium	Sandwich	22,640	17,151 01	49,482 69	66,633 70	2 94	78
General Hospital	Sarnia	12,544	12,117 42	31,833 02	43,950 44	3 50	97
Plummer Memorial Hospital	Sault Ste. Marie	5,816	5,356 50	16,252 45	21,608 95	3 72	92
General Hospital	"	15,962	11,832 80	35,243 40	47,056 20	2 95	74
Seaforth Memorial Hospital	Seaforth	1,760	2,511 03	7,447 25	9,958 28	5 66	1 43
Norfolk General Hospital	Simcoe	5,698	3,679 32	17,406 63	21,085 93	3 70	65
General Hospital	Sioux Lookout	2,502	3,288 32	6,525 61	9,813 93	3 92	1 31
Public Hospital	Smith's Falls	7,695	6,926 10	20,321 45	27,247 55	3 54	90
St. Francis Hospital	"	8,734	8,153 86	18,426 76	26,580 62	3 04	93
Presbyterian Hospital	S. Porcupine	941	603 89	2,943 65	3,547 54	3 77	64
General Hospital	Stratford	14,870	16,086 33	43,582 08	59,668 41	4 01	1 08
General Hospital	Strathroy	4,779	5,351 53	16,810 62	22,162 15	4 64	1 12
St. Joseph's Hospital	Sudbury	25,166	21,220 48	42,342 09	63,562 57	2 53	84
Red Cross Hospital	Thessalon	1,090	1,383 29	5,191 85	6,575 14	16 07	11 22
Soldiers' Memorial Hospital	Tillsonburg	1,209	886 46	8,299 01	9,185 47	7 59	73
General Hospital	Toronto	222,827	215,417 74	731,027 62	946,445 36	4 25	97
Grace Hospital	"	34,888	34,504 41	106,037 23	140,541 64	4 03	99
Hospital for Sick Children	"	96,103	58,920 28	299,081 78	358,002 06	3 73	61
Mount Sinai Hospital	"	5,870	5,264 53	28,322 07	33,586 60	5 72	90
Orthopedic Hospital	"	8,028	7,473 72	22,941 93	30,415 65	3 79	93
St. John's Hospital	"	16,926	33,056 34	55,758 71	88,815 05	5 25	1 95
St. Joseph's Hospital	"	38,301	24,908 58	74,061 07	98,969 65	2 58	65
St. Michael's Hospital	"	90,187	97,163 56	200,188 20	297,351 76	3 30	1 08
Salvation Army Women's Hospital	"	14,780	12,121 98	45,146 74	57,268 71	3 88	82
Wellesley Hospital	"	26,629	55,214 46	120,675 15	175,889 61	6 65	2 07
Western Hospital	"	88,038	73,956 14	256,328 12	330,284 26	3 74	84
Women's College Hospital	"	12,569	13,047 76	42,892 39	55,940 15	4 45	1 04
The Preventorium	"	25,521	8,932 10	35,787 20	44,719 30	1 75	35
Hospital for Incurables	"	79,262	55,652 01	127,121 80	182,773 81	2 31	70
Hospital for Incurable Children	"	13,607	4,766 45	18,947 99	23,714 44	1 74	35
Mercy Hospital for Incurables	"	14,780	6,106 19	27,439 82	33,546 01	2 27	41
General Hospital	Walkerton	4,937	2,042 83	9,478 90	11,521 73	3 33	41
General Hospital	Welland	9,054	7,878 02	26,474 38	34,352 40	3 79	87
Toronto Hospital for Consumptives	Weston	113,583	83,008 78	181,878 88	264,887 66	2 33	73
King Edward Sanatorium	"	"	"	"	"	"	"
Red Cross Hospital for Children	Wilberforce	55	353 11	2,008 76	2,361 87	"	"
Grace Hospital	Windsor	26,911	25,367 67	94,250 26	119,617 93	4 49	94
Hotel Dieu Hospital	"	33,216	32,146 22	107,952 76	140,098 98	4 22	97
General Hospital	Wingham	2,839	2,753 72	8,622 92	11,376 64	4 01	97
General Hospital	Woodstock	11,522	12,335 43	33,804 39	46,139 82	4 00	1 07
Totals for 1926		3,002,034	2,399,898 09	6,948,404 44	9,348,302 43	3 14	79
Totals for 1925		2,754,355	2,170,092 91	6,738,708 61	8,908,801 52	3 23	78

†Average cost amounts as given by Red Cross Society.

*Red Cross Outpost Hospitals. The small number of days' stay of patients would make per diem costs misleading.

(a) This includes military patients.

(b) Institution closed. Returns not available.

TABLE VII.—Showing the proportion of maintenance of Hospitals paid by the Government.

Hospitals.	Location.	All earnings, donations, etc., exclusive of Government grant.		Government grant in aid of maintenance.		Total earnings, donations, etc., for maintenance.		Total expense for maintenance.		Percentage of Government grant to total expense for maintenance.
		\$	c.	\$	c.	\$	c.	\$	c.	
Rosamond Memorial Hospital.	Almonte	18,931	38	804	20	19,735	58	13,232	80	6.7
Royal Victoria Hospital.	Barrie	23,697	46	1,116	00	24,813	46	27,335	63	4.1
General Hospital.	Belleville	72,540	36	2,125	20	74,665	56	63,399	84	3.3
General Hospital.	Bowmanville	14,438	11	768	40	15,206	51	15,515	92	5.0
Peel Memorial Hospital.	Brampton	13,313	58	1,345	00	14,658	58	9,113	76	14.7
General Hospital.	Bramford	131,916	73	14,376	20	146,292	93	144,339	76	10.0
Brant Sanatorium.	Bramford	24,094	62	14,419	50	38,514	12	41,205	17	35.0
General Hospital.	Brockville	53,643	88	4,009	90	57,653	78	54,690	07	7.3
St. Vincent De Paul Hospital.	Brockville	58,356	14	3,109	10	61,465	24	57,917	81	7.5
Lady Minto Hospital.	Chapleau	14,894	20	1,067	00	15,961	20	14,435	04	4.4
General Hospital.	Chatham	54,575	55	3,599	80	58,175	35	56,810	18	6.3
St. Joseph's Hospital.	Chatham	36,254	23	1,586	50	37,840	73	36,339	30	4.4
Public Hospital.	Clinton	6,557	07	3,311	00	7,388	07	7,574	28	11.0
Cobalt Mines Hospital.	Cobalt	25,579	58	3,912	00	29,491	58	29,713	84	13.2
Cottage Hospital.	Cobourg	15,375	38	865	00	16,240	38	16,936	81	5.3
Lady Minto Hospital.	Cochrane	19,401	90	5,381	90	24,783	80	23,165	73	23.2
General and Marine Hospital.	Collingwood	29,258	93	2,871	40	32,130	33	35,245	96	8.4
General Hospital.	Cornwall	37,871	22	3,173	30	41,044	52	38,232	00	8.3
Hotel Dieu Hospital.	"	29,224	20	6,608	60	35,832	80	36,032	80	18.3
Red Cross Hospital.	Dryden	6,146	00	1,553	00	7,699	00	9,203	26	16.7
Haldimand County Memorial Hosp.	Dunnville	14,937	10	1,316	00	16,253	10	12,704	52	10.4
General Hospital.	Durham	6,808	61	913	10	7,721	71	4,898	77	18.7
Red Cross Hospital.	Englehart	3,340	40	496	00	3,836	40	8,092	69	6.1
Royal Alexandra Hospital.	Fergus	16,625	60	566	40	17,192	00	16,548	32	3.4
McKellar General Hospital.	Fort William	97,042	65	11,349	50	108,392	15	107,647	07	10.5
General Hospital.	Galt	45,138	49	3,515	00	48,653	49	45,558	43	7.7
General and Marine Hospital.	Goderich	11,132	00	480	00	11,612	00	10,942	00	4.4
General Hospital.	Guelph	64,237	22	4,955	20	69,193	02	80,576	98	5.1
St. Joseph's Hospital.	"	42,589	72	6,001	20	48,590	92	45,446	36	13.2
Muskoka Cottage Hospital.	Gravenhurst	36,167	57	"	"	36,167	57	26,725	28	"
Muskoka Hospital for Consumptives	"	236,619	24	78,837	00	315,456	24	244,377	84	32.2
Red Cross Hospital.	Haileybury	6,363	04	1,411	00	7,774	04	8,490	98	16.6
City Hospital.	Hamilton	202,013	26	53,716	70	255,729	96	480,625	18	11.2
St. Joseph's Hospital.	"	123,565	65	7,299	00	130,864	65	131,279	74	5.6
Mountain Sanatorium.	"	195,305	62	80,685	75	275,991	37	248,345	59	32.9
Memorial Hospital.	Hanover	7,984	13	1,117	10	9,101	23	10,792	22	10.4
St. Paul's Hospital.	Hearst	6,710	43	883	50	7,593	93	6,753	17	13.1
Red Cross Hospital.	Hornepayne	2,027	50	220	00	2,247	50	5,443	25	4.4
General Hospital.	Ingersoll	13,675	96	678	50	14,354	46	12,771	17	5.3
Anson General Hospital.	Iroquois Falls	8,807	35	"	"	8,807	35	20,676	47	"
General Hospital.	Kenora	27,930	63	601	50	28,532	13	29,161	70	2.1
St. Joseph's Hospital.	"	18,548	10	2,732	10	21,280	20	18,203	24	15.0
General Hospital.	Kincardine	10,006	43	327	50	10,333	93	9,019	82	3.6
General Hospital.	Kingston	160,286	97	11,268	23	171,555	20	167,182	67	6.7
Hotel Dieu Hospital.	"	86,818	50	10,314	70	97,133	20	98,902	26	10.4
Mowat Sanatorium	"	"	"	"	"	"	"	"	"	"
Kirkland Lake and District Hospital	Kirkland Lake	5,213	97	"	"	5,213	97	9,962	34	"
Kitchener and Waterloo Hospital	Kitchener	71,313	23	3,282	10	74,595	33	62,715	06	5.2
St. Mary's Hospital.	"	63,706	95	5,134	30	68,841	25	61,324	62	8.4
Freepost Sanatorium.	"	42,523	37	15,861	00	58,384	37	45,753	22	34.6
Red Memorial Hospital.	Lindsay	30,322	32	1,944	40	32,266	72	31,424	54	6.2
Red Cross Hospital.	Lion's Head	326	35	106	00	432	35	2,325	02	4.6
Listowel Memorial Hospital.	Listowel	10,682	81	1,210	90	11,893	71	12,360	67	9.8
General Hospital.	London	359,126	70	17,107	10	376,233	80	366,301	66	4.7
St. Joseph's Hospital.	"	118,551	54	2,424	20	120,975	74	118,233	78	2.1
Bethesda Hospital.	"	16,876	03	3,684	15	20,560	18	22,930	96	16.1
Queen Alexandra Hospital.	"	214,477	94	48,855	00	263,332	94	247,597	10	19.7
Victoria Hospital for Incurables.	"	47,028	74	12,504	50	59,533	24	46,677	28	26.8
Rosedale War Memorial Hospital.	Matheson	4,181	46	467	00	4,648	46	4,433	41	10.6
General Hospital.	Mattawa	13,935	12	2,872	30	16,807	42	14,840	73	19.4
General Hospital.	Midland	23,535	38	1,948	10	25,483	48	24,778	41	7.9
Mount Forest General Hospital.	Mount Forest	7,247	68	891	50	8,139	18	7,301	27	12.2
Red Cross Hospital.	Nakina	1,716	63	353	00	2,069	63	6,131	86	5.8
Lady Minto Hospital.	New Liskeard	510	00	"	"	510	00	3,421	11	"
York County Hospital.	Newmarket	8,656	91	1,297	20	9,954	11	9,571	99	13.6
General Hospital.	Niagara Falls	53,060	32	4,749	70	57,810	02	61,731	18	7.7
Cottage Hospital.	Niag-on-the-L.	5,947	68	462	70	6,410	38	5,430	81	8.5
Queen Victoria Hospital.	North Bay	36,035	52	2,144	50	38,180	02	35,143	65	6.1
General Hospital.	Orangeville	14,858	65	608	00	15,466	65	14,040	33	4.3
General Hospital.	Orillia	43,380	53	4,052	50	47,433	03	38,593	83	10.5
General Hospital.	Oshawa	57,927	18	3,652	70	61,579	88	51,116	56	7.1
Civic Hospital.	Ottawa	413,491	31	64,311	80	477,803	11	475,572	57	13.5
Roman Catholic Hospital.	"	200,655	43	13,534	40	214,189	83	187,057	42	7.2
Misericordia Maternity Hospital.	"	59,208	09	2,917	30	62,125	39	55,742	93	5.2
Protestant Infants' Home.	"	"	"	"	"	"	"	"	"	"
Salvation Army Maternity Hospital.	"	25,146	57	5,285	50	30,432	07	37,602	29	14.1

TABLE VII.—Showing the proportion of maintenance of Hospitals paid by the Government.—*Concluded.*

Hospitals.	Location.	All earnings, donations, etc., exclusive of Government grant.	Government grant in aid of maintenance.	Total earnings, donations, etc., for maintenance.	Total expense for maintenance.	Percentage of Government grant to total expense for maintenance.
		\$ c.	\$ c.	\$ c.	\$ c.	
Royal Sanatorium	Ottawa	46,135 83	16,923 60	63,059 43	63,059 43	26.8
Perley Home for Incurables	"	19,691 84	10,364 50	30,056 34	25,371 21	40.9
St. Vincent Home for Incurables	"	8,586 95	7,650 50	16,237 45	10,823 54	70.7
General and Marine Hospital	Owen Sound	33,709 09	2,365 50	36,134 59	34,918 60	6.8
Willett Hospital	Paris	18,019 97	2,118 90	20,138 87	20,603 02	10.3
Stone Memorial Hospital	Parry Sound	12,825 22	1,213 10	14,038 32	15,108 55	8.0
St. Joseph's Hospital	"	7,196 21	1,737 30	8,933 51	8,613 06	20.2
Cottage Hospital	Pembroke	29,151 99	1,790 70	30,942 69	27,108 26	6.6
General Hospital	"	46,629 59	6,612 80	53,242 30	53,394 68	12.4
General Hospital	Penetang'shene	10,940 62	305 50	11,246 12	11,093 23	2.8
Great War Memorial Hospital	Perth	19,431 94	1,839 00	21,270 94	20,294 95	9.1
Nicholls Hospital	Peterborough	74,658 00	3,174 00	77,832 00	68,189 00	4.7
St. Joseph's Hospital	"	31,101 96	4,798 20	35,900 16	35,925 63	13.3
C. E. Englehart Hospital	Petrolia	22,517 86	649 50	23,167 36	20,302 55	3.2
Prince Edward County Hospital	Pictou	11,798 77	1,001 30	12,800 07	12,077 19	8.3
General Hospital	Port Arthur	40,593 79	2,637 00	43,230 79	35,938 95	7.3
St. Joseph's Hospital	"	58,262 72	5,708 30	63,971 02	57,958 58	9.8
General Hospital	Port Hope	14,467 65	1,071 50	15,539 15	16,663 98	6.4
Red Cross Hospital	Quibell	179 25	19 00	198 25	3,109 29	.6
Red Cross Hospital	Rainy River	2,078 20	381 00	2,459 20	5,195 17	7.3
Victoria General Hospital	Renfrew	17,033 07	1,614 50	18,647 57	17,314 67	9.2
General and Marine Hospital	St. Catharines	80,990 65	4,106 00	85,096 65	89,209 12	4.6
Consumptive Sanatorium	"	28,817 18	3,719 25	32,536 43	11,324 20	32.8
Red Cross Hospital	St. Joseph's Isl.	1,711 50	623 50	2,335 00	4,943 94	12.6
Amasa Wood Hospital	St. Thomas	74,981 34	3,430 90	78,412 24	70,421 35	4.9
Essex County Sanatorium	Sandwich	52,039 36	16,005 00	68,044 36	66,633 70	24.0
General Hospital	Sarnia	46,253 72	2,178 60	48,432 32	43,950 44	5.0
Plummer Memorial Hospital	Sault Ste. Marie	21,481 37	2,592 10	24,073 47	21,608 95	12.0
General Hospital	"	49,275 46	4,085 80	53,361 26	47,056 20	8.7
Seaforth Memorial Hospital	Seaforth	7,850 12	2,960 60	10,810 72	9,958 28	30.0
Norfolk General Hospital	Simcoe	17,301 59	1,805 30	19,106 89	21,085 95	8.6
General Hospital	Sioux Lookout	9,549 91	1,291 70	10,841 61	9,813 93	13.2
Public Hospital	Smith's Falls	30,181 57	2,533 40	32,714 97	27,247 55	9.3
St. Francis Hospital	"	24,947 38	2,065 84	27,013 22	26,580 62	7.8
Presbyterian Hospital	S. Porcupine	6,796 71	6,796 71	13,593 42	3,547 54	...
General Hospital	Stratford	56,795 41	2,873 00	59,668 41	59,668 41	4.8
General Hospital	Strathroy	20,870 05	854 30	21,724 35	22,162 15	3.9
St. Joseph's Hospital	Sudbury	70,320 12	15,450 50	85,771 62	63,562 57	24.2
Red Cross Hospital	Thessalon	4,141 10	591 50	4,732 60	6,575 14	9.0
Soldiers' Memorial Hospital	Tillsonburg	5,945 25	5,945 25	11,890 50	9,185 47	...
General Hospital	Toronto	918,845 61	86,672 10	1,005,517 71	946,445 36	9.2
Grace Hospital	"	133,118 80	11,271 20	144,390 00	140,541 64	8.0
Hospital for Sick Children	"	301,021 15	45,974 50	346,995 65	358,002 06	12.1
Mount Sinai Hospital	"	31,249 40	2,839 50	34,088 90	33,586 60	8.4
Orthopedic Hospital	"	96,115 71	549 10	96,664 81	30,415 65	1.8
St. John's Hospital	"	84,823 15	8,171 40	92,994 55	88,815 05	9.2
St. Joseph's Hospital	"	95,873 82	18,197 30	114,071 12	98,969 65	18.4
St. Michael's Hospital	"	271,055 76	29,903 60	300,959 36	297,351 76	10.1
Salvation Army Maternity Hospital	"	43,115 01	5,537 00	48,652 01	57,268 72	9.7
Wellesley Hospital	"	189,253 20	189,253 20	378,506 40	175,889 61	...
Western Hospital	"	301,025 39	28,813 20	329,838 59	330,284 26	8.7
Women's College Hospital	"	54,187 35	3,451 30	57,638 65	55,940 15	6.2
The Preventorium	"	53,373 59	19,140 75	72,514 34	44,719 30	40.6
Hospital for Incurables	"	151,884 77	41,775 50	193,660 27	182,773 81	22.9
Hospital for Incurable Children	"	23,561 47	6,829 00	30,390 47	23,714 44	28.8
Mercy Hospital for Incurables	"	27,449 55	7,546 50	34,996 05	33,546 01	22.5
General Hospital	Walkerton	11,440 30	867 00	12,307 30	11,521 73	7.5
General Hospital	Wellsand	31,992 22	2,399 00	34,391 22	34,352 40	7.0
Toronto Hospital for Consumptives	Weston	220,161 87	83,548 50	303,710 37	264,887 66	31.5
King Edward Sanatorium	Wilberforce	386 95	8 00	394 95	2,361 87	.3
Queen Mary Hospital for Children	Windsor	108,015 46	12,301 80	120,317 26	119,617 93	10.3
Red Cross Hospital	"	133,922 92	10,597 74	144,520 66	140,098 98	7.6
Grace Hospital	Wingham	11,517 54	42 00	11,559 54	11,376 64	.4
Hotel Dieu Hospital	Woodstock	46,243 91	1,195 90	47,439 81	45,139 82	2.6
General Hospital	"	"	"	"	"	"
Totals for 1926		8,555,352 22	1,143,596 31	9,698,948 53	9,348,302 43	12.2
Totals for 1925		7,660,305 71	1,156,732 00	8,817,037 71	8,908,801 57	12.0

CITY HOUSES OF REFUGE

The usual information obtained from each Refuge, in respect of sex, and previous residence of the inmates, has been summarized as under:

Sex

Male.....	2,066
Female.....	3,595
	5,661

Former Residence

Received from cities and towns in which the Refuges are located.....	3,945
Received from counties in which the Refuges are located.....	445
Received from other counties in the Province.....	992
Immigrants and foreigners.....	279
	5,661

TABLE I.—CITY HOUSES OF REFUGE.—Summary of the operations of each Refuge during the year.

Name of Refuge.	Location.	Number of persons in the Refuge on the 1st Oct., 1925.	Number admitted during the year.	Total number under lodgment during the year ending 30th Sept., 1926.	Total number discharged during the year.	Number of deaths during the year.	Number of persons remaining in the Refuge on the 30th Sept., 1926.
Home for Friendless	Belleville	12	3	15	2	2	11
The Widows' Home	Brantford	16	2	18	1	1	16
Home for the Friendless	Chatham	32	4	36	3	5	28
St. Paul's Home for the Aged	Cornwall	78	20	98	14	14	70
House of Providence	Dundas	119	48	167	23	15	129
Elliott Home	Guelph	27	4	31	3	1	27
House of Providence	"	42	16	58	8	10	40
Aged Women's Home	Hamilton	49	7	56	4	4	52
Hamilton House of Refuge	"	136	63	199	33	22	144
St. Peter's Infirmary	"	11	14	25	3	6	16
Home for Friendless Women and Infants	Kingston	18	34	52	40	2	10
House of Providence	"	156	96	252	68	30	154
House of Refuge	"	52	26	78	15	12	51
House of Providence	London	188	69	257	46	24	187
London Convalescent Home	"	3	2	5	3	2	2
McCormack Home for the Aged	"	74	23	97	19	11	67
District of Nipissing House of Refuge	North Bay	27	22	49	4	1	44
Elizabeth Residence for Elderly Ladies	Ottawa	21	11	32	8	2	22
Monastery of Our Lady of Charity	"	168	82	250	106	1	143
Ottawa Home for Friendless Women	"	44	84	128	93	2	33
Protestant Home for the Aged	"	30	16	46	12	2	32
Protestant Orphans' Home, Refuge Branch	"	21	7	28	6	2	22
St. Charles Hospice	"	201	97	298	39	43	216
St. Patrick's Asylum, Refuge Branch	"	112	35	147	22	15	110
Women's Convalescent Home	"	5	132	137	132	5	5
Parry Sound District House of Refuge	Powassan	20	11	31	8	2	21
Peterborough Protestant Home	Peterborough	40	9	49	11	3	35
St. Joseph's House of Providence	"	74	31	105	21	12	72
Thomas Williams Home	St. Thomas	21	10	31	3	9	19
District of Algoma House of Refuge	Sault Ste. Marie	56	17	73	11	7	55
Aged Men's Home	Toronto	58	15	73	7	12	54
Aged Women's Home	"	114	22	136	5	20	111
Church Home for the Aged	"	35	12	47	7	4	40
Good Shepherd Female Refuge	"	153	79	232	84	2	148
Haven and Prison Gate Mission	"	99	123	222	111	2	109
Hillcrest Convalescent Home	"	25	165	190	162	28	28
Toronto House of Industry	"	289	119	408	111	16	281
House of Providence	"	436	188	624	189	18	417
Humewood House Association	"	27	77	104	77	27	27
Jewish Old Folks' Home	"	20	45	65	31	8	26
Julia Greenfields Home	"	29	6	35	2	3	30
Salvation Army Rescue Home	"	74	343	417	355	2	60
Toronto Industrial Refuge	"	80	29	109	28	1	81
Victor Home for Young Women	"	32	73	105	60	1	44
Home for the Friendless	Windsor	38	8	46	8	6	32
Totals for 1926		3,362	2,299	5,661	1,994	346	3,321
Totals for 1925		3,161	2,604	5,765	2,214	354	3,197

TABLE II.—CITY HOUSES OF REFUGE.—Shows the aggregate stay of inmates upon which the amount of aid to be granted by the Government to each Refuge is based. The average stay per inmate is also given.

Name of Refuge.	Location.	Number of inmates during the year.	Total days' stay during the year.	Average stay per inmate in days.
Home for Friendless	Belleville	15	4,007	267
The Widows' Home	Brantford	18	5,906	328
Home for the Friendless	Chatham	36	12,443	346
St. Paul's Home for the Aged	Cornwall	98	28,584	292
House of Providence	Dundas	167	45,563	273
Elliott Home	Guelph	31	10,491	338
House of Providence	"	58	15,884	274
Aged Women's Home	Hamilton	56	18,688	334
Hamilton House of Refuge	"	199	53,254	268
St. Peter's Infirmary	"	25	5,403	216
Home for Friendless Women and Infants	Kingston	52	4,990	96
House of Providence	"	252	60,283	239
House of Refuge	"	78	19,500	250
House of Providence	London	257	70,631	275
London Convalescent Home	"	5	1,131	220
McCormack Home for the Aged	"	97	25,897	193
District of Nipissing House of Refuge	North Bay	49	*18,747	*383
Elizabeth Residence for Elderly Ladies	Ottawa	32	7,997	250
Monastery of Our Lady of Charity	"	250	60,598	242
Ottawa Home for Friendless Women	"	128	15,285	119
Protestant Home for the Aged	"	46	12,469	271
Protestant Orphans' Home, Refuge Branch	"	28	8,070	324
St. Charles Hospice	"	298	76,162	256
St. Patrick Asylum, Refuge Branch	"	147	31,347	213
Women's Convalescent Home	"	137	3,202	23
Parry Sound District House of Refuge	Powassan	31	7,443	240
Peterborough Protestant Home	Peterborough	49	13,702	280
St. Joseph's House of Providence	"	105	26,886	256
Thomas Williams Home	St. Thomas	31	6,478	209
District of Algoma House of Refuge	Sault Ste. Marie	73	19,391	266
Aged Men's Home	Toronto	73	20,158	276
Aged Women's Home	"	136	40,799	300
Church Home for the Aged	"	47	13,995	298
Good Shepherd Female Refuge	"	232	56,130	242
Haven and Prison Gate Mission	"	222	42,603	292
Hillcrest Convalescent Home	"	190	9,779	51
Toronto House of Industry	"	408	51,418	126
House of Providence	"	624	153,096	245
Humewood House Association	"	104	10,992	106
Jewish Old Folks' Home	"	65	8,325	128
Julia Greenshields Home	"	35	10,157	290
Salvation Army Rescue Home	"	417	23,734	57
Toronto Industrial Refuge	"	109	30,199	277
Victor Home for Young Women	"	105	12,150	116
Home for the Friendless	Windsor	46	13,607	296
Totals for 1926		5,661	1,187,574	210
Totals for 1925		5,765	1,185,633	205

*These figures include days' stay of patients dating from February 12th, 1925, to September 30th, 1926.

TABLE III.—CITY HOUSES OF REFUGE.—Showing the cost of maintaining the Refugees.

Name of Refuge.	Location.	Aggregate stay of inmates.	Cost of dietaries.	Expenditure for fuel, salaries and wages, and all general expenses.	Total expenditure exclusive of extraordinary expenses.	Average cost per inmate per day.
			\$ c.	\$ c.	\$ c.	\$ c.
Home for Friendless.....	Belleville.....	4,007	679 54	1,505 86	2,185 40	0 55
The Widows' Home.....	Brantford.....	5,906	1,092 77	1,779 01	2,871 78	0 49
Home for the Friendless.....	Chatham.....	12,443	1,911 57	5,711 44	7,623 01	0 61
St. Paul's Home for the Aged.....	Cornwall.....	28,584	4,497 67	6,093 00	10,590 67	0 37
House of Providence.....	Dundas.....	45,563	13,438 11	18,677 63	32,115 74	0 70
Elliott Home.....	Guelph.....	10,491	4,182 72	11,865 51	16,048 23	1 53
House of Providence.....	".....	15,884	3,305 22	4,298 85	7,604 07	0 42
Aged Women's Home.....	Hamilton.....	18,688	4,008 07	9,648 46	13,656 53	0 73
Hamilton House of Refuge.....	".....	53,254	11,572 66	21,515 18	33,087 84	0 62
St. Peter's Infirmary.....	".....	5,403	1,601 88	6,376 45	7,978 33	1 48
Home for Friendless Women and Infants.....	Kingston.....	4,990	926 53	1,379 51	2,306 04	0 46
House of Providence.....	".....	60,283	25,303 26	23,887 93	49,191 19	0 82
House of Refuge.....	".....	19,500	4,713 46	8,193 99	12,907 45	0 66
House of Providence.....	London.....	70,631	12,948 27	20,159 98	33,108 25	0 47
London Convalescent Home.....	".....	1,131	499 81	937 00	1,436 81	1 27
McCormack Home for the Aged.....	".....	25,897	6,619 05	15,915 01	22,534 06	0 87
District of Nipissing House of Refuge.....	North Bay.....	*18,747	3,371 09	9,375 85	12,746 94	
Elizabeth Residence for Elderly Ladies.....	Ottawa.....	7,997	3,448 37	6,471 86	9,920 23	1 24
Monastery of Our Lady of Charity.....	".....	60,598	6,024 50	14,150 63	20,175 13	0 33
Ottawa Home for Friendless Women.....	".....	15,285	3,506 47	27,107 15	30,613 62	2 00
Protestant Home for the Aged.....	".....	12,469	2,097 34	5,728 39	7,825 73	0 63
Protestant Orphans' Home, Refuge Br.	".....	† 8,070	†	†	†	†
St. Charles Hospice.....	".....	76,162	16,270 00	21,567 54	37,837 54	0 50
St. Patrick Asylum, Refuge Branch.....	".....	31,347	9,446 76	24,013 24	33,460 00	1 07
Women's Convalescent Home.....	".....	3,202	1,445 03	3,761 20	5,206 23	1 63
Farry Sound District House of Refuge.....	Powassan.....	7,443	1,721 05	5,458 33	7,179 38	0 96
Peterborough Protestant Home.....	Peterborough.....	13,702	2,538 40	5,634 41	8,172 81	0 60
St. Joseph's House of Providence.....	".....	26,886	6,041 74	6,784 71	12,826 45	0 44
Thomas Williams Home.....	St. Thomas.....	6,478	1,613 83	4,347 82	5,961 65	0 92
District of Algoma House of Refuge.....	Sault Ste. Marie.....	19,391	5,007 10	9,838 11	14,845 21	0 77
Aged Men's Home.....	Toronto.....	20,158	5,881 22	14,097 44	19,978 66	0 99
Aged Women's Home.....	".....	40,799	11,431 18	25,186 94	36,618 12	0 90
Church Home for the Aged.....	".....	13,995	4,927 01	11,014 31	15,941 32	1 14
Good Shepherd Female Refuge.....	".....	56,130	18,285 18	15,370 62	33,655 80	0 60
Haven and Prison Gate Mission.....	".....	42,603	7,994 31	23,952 91	31,947 22	0 75
Hillcrest Convalescent Home.....	".....	9,779	4,957 24	9,298 47	14,255 71	1 46
Toronto House of Industry.....	".....	51,418	†184,106 85	†86,630 60	†270,737 45	†
House of Providence.....	".....	153,096	39,074 37	33,927 77	73,002 14	0 48
Humewood House Association.....	".....	10,992	2,864 35	6,716 70	9,581 05	0 87
Jewish Old Folks' Home.....	".....	8,325	2,858 00	10,672 57	13,530 57	1 62
Julia Green Shields Home.....	".....	10,157	4,665 24	9,700 22	14,365 46	1 41
Salvation Army Rescue Home.....	".....	23,734	3,341 41	12,437 05	15,778 46	0 66
Toronto Industrial Refuge.....	".....	30,199	7,081 32	28,819 41	35,900 73	1 19
Victor Home for Young Women.....	".....	12,150	1,961 15	3,370 56	5,331 71	0 44
Home for the Friendless.....	Windsor.....	13,607	2,699 51	3,300 44	5,999 95	0 44
Totals for 1926.....		1,187,574	461,960 61	596,680 06	1,058,640 67	0 89
Totals for 1925.....		1,185,633	276,462 55	774,359 98	1,050,822 53	0 88

*These figures include days' stay of patients dating from February 12th, 1925, to September 30th, 1926.

†Included in Protestant Orphans' Home.

‡These amounts include Outdoor Relief Cost.

TABLE IV.
CITY REFUGEES. Shows the basis upon which Statutory Aid is granted.

Name of Refuge.	Location.	Collective days' stay upon which computation of Refuge rate is based exclusive of infants under one year old.	Collective days' stay upon which computation of Orphanage rate is based.	Amount received from all sources other than Government.	Computation of Refuge rate of ten (10) cents per day.	Computation of Orphanage rate of five (5) cents per day.	Total Government allowance to each House of Refuge for the year 1926.
				\$	\$	\$	\$
Home for Friendless.	Belleville.	4,007	.....	1,800 00	400 70	.....	400 70
The Widows' Home.	Brantford.	5,906	.....	2,956 56	590 60	.....	590 60
Home for the Friendless.	Chatham.	12,443	.....	6,887 91	1,244 30	.....	1,244 30
St. Paul's Home for the Aged.	Cornwall.	28,584	.....	7,622 06	2,858 40	.....	2,858 40
House of Providence.	Dundas.	45,563	.....	26,518 00	4,556 30	.....	4,556 30
Elliott Home.	"	10,491	.....	13,665 27	1,049 10	.....	1,049 10
House of Providence.	"	15,884	.....	6,407 79	1,588 40	.....	1,588 40
Aged Women's Home.	Hamilton.	18,688	.....	15,416 44	1,868 80	.....	1,868 80
Hamilton House of Refuge.	"	53,254	.....	3,017 69	5,325 40	.....	5,325 40
St. Peter's Infirmary.	"	5,403	.....	7,799 55	540 30	.....	540 30
Home for Friendless Women and Infants.	Kingston.	742	4,248	3,350 91	74 20	212 40	286 60
House of Providence.	"	60,283	.....	43,013 83	6,028 30	.....	6,028 30
House of Refuge.	"	19,500	.....	15,390 47	1,950 00	.....	1,950 00
House of Providence.	London.	70,631	.....	25,405 44	7,063 10	.....	7,063 10
London Convalescent.	"	1,131	.....	1,251 14	113 10	.....	113 10
McCormack Home for the Aged.	"	25,897	.....	28,883 41	2,589 70	.....	2,589 70
District of Nipissing House of Refuge.	North Bay.	18,747	.....	14,186 40	1,874 70	.....	1,874 70
Elizabeth Residence for Elderly Ladies.	Ottawa.	7,997	.....	10,533 82	799 70	.....	799 70
Monastery of Our Lady of Charity.	"	53,051	7,547	13,379 71	5,305 10	377 35	5,682 45
Ottawa Home for Friendless Women.	"	11,302	3,983	31,695 57	1,130 20	199 15	1,329 35
Protestant Home for the Aged.	"	12,469	.....	6,380 43	1,246 90	.....	1,246 90
Protestant Orphans' Home Refuge Branch.	"	8,070	.....	*	807 00	.....	807 00
St. Charles Hospice.	"	76,162	.....	27,969 35	7,616 20	.....	7,616 20
St. Patrick's Asylum Refuge Branch,	"	31,347	.....	30,611 44	3,134 70	.....	3,134 70
Women's Convalescent Home.	"	3,202	.....	1,791 55	320 20	.....	320 20
Perry Sound District House of Refuge.	Powassan.	7,443	.....	6,201 56	744 30	.....	744 30
Peterborough Protestant Home.	Peterborough.	13,702	.....	8,686 83	1,370 20	.....	1,370 20
St. Joseph's House of Providence.	"	26,886	.....	12,239 47	2,688 60	.....	2,688 60
Thomas Williams' Home.	St. Thomas.	6,478	.....	6,428 25	647 80	.....	647 80

District of Algoma House of Refuge.....	Sault Ste. Marie.....	19,391	.....	15,219 00	1,939 10	.....	1,939 10
Aged Men's Home.....	Toronto.....	20,158	.....	20,585 51	2,015 80	.....	2,015 80
Aged Women's Home.....	"	40,799	.....	34,605 62	4,079 90	.....	4,079 90
Church Home for the Aged.....	"	13,995	.....	15,082 27	1,399 50	.....	1,399 50
Good Shepherd Female Refuge.....	"	56,130	.....	27,877 90	5,613 00	.....	5,613 00
Haven and Prison Gate Mission.....	"	26,053	16,550	28,446 07	2,605 30	82,750	3,432 80
Hillcrest Convalescent Home.....	"	4,830	.....	13,667 98	483 00	.....	483 00
Toronto House of Industry.....	"	51,418	.....	267,563 67	5,141 80	.....	5,141 80
House of Providence.....	"	153,096	.....	48,345 24	15,309 60	.....	15,309 60
Hunewood House Association.....	"	5,145	5,847	9,246 04	514 50	292 35	806 85
Jewish Old Folks' Home.....	"	8,325	.....	13,923 14	832 50	.....	832 50
Julia Greenshields' Home.....	"	10,157	.....	12,998 80	1,015 70	.....	1,015 70
Salvation Army Rescue Home.....	"	12,258	11,476	10,796 88	1,225 80	573 80	1,799 60
Toronto Industrial Refuge.....	"	30,199	.....	34,281 34	3,019 90	.....	3,019 90
Victor Home for Young Women.....	"	6,914	5,236	4,854 81	691 40	261 80	953 20
Home for the Friendless.....	Windsor.....	13,607	.....	5,267 67	1,360 70	.....	1,360 70
Totals for 1926.....		1,127,738	54,887	942,258 79	112,773 80	2,744 35	115,518 15
Totals for 1925.....		1,127,819	51,685	977,657 83	112,781 90	2,384 25	115,366 15

*Included in Protestant Orphans' Home.

ORPHAN ASYLUMS

The statistical tables on the following pages of this report show an increase in the contributions to several of the Institutions, while in some cases there is a falling off as compared with last year.

The total number of children cared for in the Orphanages during the year was 4,682, as compared with 4,691 in 1925.

In the tables will be found full details of the receiving and discharging of children, etc.

The statistics relating to the sex and previous residence of the inmates are given in the following summary:

Sex

Male.....	2,173
Female.....	2,509
	4,682

Previous Residence

Received from cities in which Orphanages are located.....	2,910
Received from counties in which Orphanages are located.....	585
Received from other counties in the Province.....	1,107
Immigrants and foreigners and unknown.....	80
	4,682

TABLE I.—Schedule C—Orphanages.

Name of Orphanage.	Location.	No. in residence 1st October, 1925.	Number admitted during the year ending 30th Sept., 1926.	Total number maintained dur- ing the year.	Number dis- charged during the year.	Number of deaths during the year.	Number remaining in residence on 30th Sept., 1926.
St. Joseph's Orphanage.....	Cobourg.....	31	9	40	0		30
Nazareth Orphanage.....	Cornwall.....	54	35	89	4		44
St. Joseph's Orphanage.....	Fort William.....	94	51	145	0	2	83
Boys' Home.....	Hamilton.....	51	17	68	26		42
Girls' Home.....	".....	60	17	77	28		49
Home for Friendless and Infants' Home.....	".....	77	57	134	70		64
St. Mary's Orphans' Asylum.....	".....	169	88	257	108	5	144
Salvation Army Rescue Home.....	".....	60	63	123	85	1	37
Orphans' Home and Widows' Friend Society	Kingston.....	33	72	105	73		32
St. Mary's of the Lake Orphanage.....	".....	105	60	165	54	1	110
Kitchener Orphanage.....	Kitchener.....	20	45	65	37		28
Protestant Orphans' Home.....	London.....	56	45	101	45		56
Roman Catholic Orphans' Home.....	".....	165	140	305	140	2	163
Ronald Gray Memorial Home.....	".....	31	27	58	35		23
Salvation Army Rescue Home and Children's Shelter.....	".....	30	88	118	74		44
Ottawa Boys' Home.....	Ottawa..... †	6	16	22	12		10
Protestant Orphans' Home.....	".....	47	74	121	68		53
St. Joseph's Orphanage.....	".....	225	152	377	126	1	250
St. Patrick's Orphan Asylum.....	".....	78	47	125	39		86
Salvation Army Rescue Home and Children's Shelter.....	".....	73	264	337	254		83
St. Vincent Orphanage.....	Peterborough.....	33	34	67	36		31
Loyal True Blue Orphanage.....	Richmond Hill.....	142	47	189	42		147
St. Agatha Orphans' Home.....	St. Agatha.....	71	17	88	30		58
Protestant Orphans' Home.....	St. Catharines.....	24	14	38	2		36
Boys' Home.....	Toronto.....	59	37	96	41		55
Girls' Home.....	".....	49	41	90	24		66
Infants' Home and Infirmary.....	".....	177	426	603	332	5	266
Protestant Orphans' Home.....	".....	112	93	205	93	1	111
St. Mary's Infants' Home.....	".....	57	93	150	108	3	39
Sacred Heart Orphanage.....	".....	81	58	139	59		80
Working Boys' Home.....	".....	42	82	124	82		42
Jewish Children's Home.....	".....	33	28	61	20		41
Totals for 1926.....		2,345	2,337	4,682	2,258	21	2,403
Totals for 1925.....		2,211	2,480	4,691	2,355	23	2,313

†This Institution was closed March 31st, 1926. The figures given are for only six months.

*The figures for Girls' Home, Toronto, are for only six months as this Institution was combined with Protestant Orphans' Home, April 1st, 1926.

TABLE II.—Schedule C—Orphanages.

Name of Orphanage.	Location.	Aggregate stay of inmates.	Total expenditure on maintenance account for the year ending 30th Sept., 1926.	Average cost per inmate per day.
St. Joseph's Orphanage.....	Cobourg.....	10,042	\$ 3,706 54	\$ c. 0 37
Nazareth Orphanage.....	Cornwall.....	16,228	7,383 41	0 45
St. Joseph's Orphanage.....	Fort William.....	36,078	17,541 51	0 49
Boys' Home.....	Hamilton.....	17,218	9,013 12	0 52
Girls' Home.....	".....	20,090	10,651 07	0 53
Home for Friendless and Infants' Home.....	".....	28,339	18,524 93	0 65
St. Mary's Orphan Asylum.....	".....	55,746	39,416 25	0 71
Salvation Army Rescue Home.....	".....	17,670	12,200 20	0 69
Orphans' Home and Widows' Friend Society.....	Kingston.....	11,369	12,381 15	1 09
St. Mary's of the Lake Orphanage.....	".....	36,579	13,501 84	0 37
Kitchener Orphanage.....	Kitchener.....	7,121	3,976 86	0 56
Protestant Orphans' Home.....	London.....	21,935	11,247 09	0 51
Roman Catholic Orphans' Home.....	".....	60,622	25,301 43	0 42
Ronald Gray Memorial Home.....	".....	9,774	3,525 29	0 36
Salvation Army Rescue Home and Children's Shelter.....	".....	*15,024	.....	.....
Ottawa Boys' Home.....	Ottawa.....	‡2,174	.....	.....
Protestant Orphans' Home.....	".....	19,380	17,027 33	0 88
St. Joseph's Orphanage.....	".....	90,538	32,712 63	0 36
St. Patrick's Orphan Asylum.....	".....	34,032	.....	.....
Salvation Army Rescue Home and Children's Shelter.....	".....	26,401	18,705 63	0 71
St. Vincent Orphanage.....	Peterborough.....	13,159	6,794 19	0 52
Loyal True Blue Orphanage.....	Richmond Hill.....	51,787	45,884 15	0 89
St. Agatha Orphans' Home.....	St. Agatha.....	25,846	10,982 19	0 42
Protestant Orphans' Home.....	St. Catharines.....	12,112	9,612 76	0 79
Boys Home.....	Toronto.....	19,824	17,200 81	0 87
Girls' Home.....	".....	‡12,152	.....	.....
Infants' Home and Infirmary.....	".....	83,574	85,596 09	1 02
Protestant Orphans' Home.....	".....	30,069	45,079 76	1 07
St. Mary's Infants' Home.....	".....	17,810	14,584 30	0 82
Sacred Heart Orphanage.....	".....	29,368	22,292 67	0 76
Working Boys' Home.....	".....	14,757	13,628 48	0 92
Jewish Children's Home.....	".....	27,856	11,176 23	0 40
Totals for 1926.....		874,674	539,647 91	0 62
Totals for 1925.....		828,360	477,675 17	0 58

†The 2,174 days' stay are for only six months as Institution was closed on March 31st, 1926. **See Refugee Report.

‡The 12,152 days for Girls' Home, Toronto, is for six months only as this Institution is now combined with the Protestant Orphans' Home. *Financial statement is included in the Bethesda Hospital Return, London.

TABLE III.—Schedule C—Orphanages.

Name of Orphanage.	Location.	Collective days' stay upon which computation of Orphanage rate is based.		Collective days' stay upon which computation of Orphanage rate is based.		Amount received from all sources other than Government.	Computations at five (5) cents Orphanage rate per day, being		Computations of ten (10) cents per day, being Refugee rate for adults.		Total Government grant for the year 1926.
		\$	C.	\$	C.		\$	C.	\$	C.	
St. Joseph's Orphanage.....	Cobourg.....	10,042	34	3,042	34	502	10	502	10	502	40
Nazareth Orphanage.....	Cornwall.....	16,228		6,525	43	811	40	811	40	811	40
St. Joseph's Orphanage.....	Fort William.....	36,078		15,865	46	1,803	90	1,803	90	1,803	90
Boys' Home.....	Hamilton.....	17,218		9,076	06	860	90	860	90	860	90
Girls' Home.....	".....	20,090		10,879	94	1,004	50	1,004	50	1,004	50
Home for Friendless and Infants' Home.....	".....	20,567		16,585	60	1,028	35	777	20	1,805	55
St. Mary's Orphan Asylum.....	".....	51,789		36,051	43	2,589	45	395	70	2,985	15
Salvation Army Rescue Home.....	".....	9,563		8,107		478	15	810	70	1,288	85
Orphans' Home and Widows' Friend Society.....	Kingston.....	11,369		10,975	70	568	45	568	45	568	45
St. Mary's of the Lake Orphanage.....	".....	36,579		11,595	25	1,828	95	1,828	95	1,828	95
Kitchener Orphanage.....	Kitchener.....	7,121		5,651	54	356	05	356	05	356	05
Protestant Orphans' Home.....	London.....	21,935		21,596	76	1,096	75	1,096	75	1,096	75
Roman Catholic Orphans' Home.....	".....	60,622		23,013	47	3,031	10	3,031	10	3,031	10
Ronald Gray Memorial Home.....	".....	9,774		3,320	70	488	70	488	70	488	70
Salvation Army Rescue Home and Children's Shelter.....	".....	7,631		x.....		381	55	739	30	1,120	85
Ottawa Boys' Home.....	Ottawa.....	12,174				108	70	108	70	108	70
Protestant Orphans' Home.....	".....	19,380		18,614	33	969	00	969	00	969	00
St. Joseph's Orphanage.....	".....	90,538		29,141	28	4,526	90	4,526	90	4,526	90
St. Patrick's Orphan Asylum.....	".....	37,692		*		1,884	60	1,884	60	1,884	60
Salvation Army Rescue Home and Children's Shelter.....	".....	17,387		9,014		869	35	901	40	1,770	75
St. Vincent Orphanage.....	Peterborough.....	13,159		10,123	57	657	95	657	95	657	95
Loyal True Blue Orphanage.....	Richmond Hill.....	51,787		5,997	84	2,589	35	2,589	35	2,589	35
St. Agatha Orphans' Home.....	St. Agatha.....	25,846		9,874	90	1,292	30	1,292	30	1,292	30
Protestant Orphans' Home.....	St. Catharines.....	12,112		14,237	45	605	60	605	60	605	60
Boys' Home.....	Toronto.....	19,824		15,780	79	991	20	991	20	991	20
Girls' Home.....	".....	12,152				607	60	607	60	607	60
Infants' Home and Infirmary.....	".....	74,864		8,710		3,743	20	871	00	4,614	20
Protestant Orphans' Home.....	".....	30,069		46,932	97	1,503	45	1,503	45	1,503	45
St. Mary's Infants' Home.....	".....	11,491		6,319		574	55	631	90	1,206	45
Sacred Heart Orphanage.....	".....	28,603		765		1,430	15	76	50	1,506	65

Working Boys' Home.....	Toronto.....	14,757	.....	12,878 31	737 85	.....	737 85
Jewish Children's Home.....	".....	27,856	.....	11,653 67	1,392 80	.....	1,392 80
Totals for 1926.....		826,297	52,037	522,983 18	41,314 85	5,203 70	46,518 55
Totals for 1925.....		778,159	50,201	409,788 43	38,907 95	5,020 10	43,928 05

†These Institutions only operated until March 31st, 1926. xFinancial statement shown in with Bethesda Hospital, London.

*Shown in Refuge Report. ‡Girls' Home is now included in with the Protestant Orphans' Home, Toronto.

COUNTY HOUSES OF REFUGE

The following returns have been received from the Houses of Refuge maintained by the different Counties in Ontario. These returns show the approximate value of the buildings, contents and land, also the number of acres in connection with each House of Refuge. The receipts and expenditures are also stated, together with the average number of inmates in each Refuge.

COUNTY OF BRANT

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$150,000 00
“ “ contents.....	5,852 00
“ “ land.....	20,500 00
Number of acres.....	45

Receipts

Profits of farm.....	
Received from all other sources.....	\$ 638 83
Amount provided out of taxation and received from Treasurer.....	18,013 18

Expenditures

Maintenance of House.....	\$18,653 19
Average number of inmates.....	82

COUNTY OF BRUCE

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$40,000 00
“ “ contents.....	5,000 00
“ “ land.....	5,000 00
Number of acres.....	62

Receipts

Profits of farm.....	\$ 130 00
Received from all other sources.....	1,100 00
Amount provided out of taxation and received from Treasurer.....	9,500 00

Expenditures

Maintenance of House.....	\$10,730 00
Average number of inmates.....	44

COUNTY OF ELGIN

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$33,000 00
“ “ contents.....	2,500 00
“ “ land.....	11,000 00
Number of acres.....	100

Receipts

Profits of farm.....	\$ 1,118 62
Received from all other sources.....	1,630 00
Amount provided out of taxation and received from Treasurer.....	7,352 47

Expenditures

Maintenance of House.....	\$10,103 09
For permanent improvements.....	
Average number of inmates.....	30

COUNTY OF ESSEX

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$50,000 00
" " contents.....	10,000 00
" " land.....	20,000 00
Number of acres.....	65

Receipts

Profits of farm.....	\$2,958 46
Received from all other sources.....	451 44
Amount provided out of taxation and received from Treasurer.....	5,830 13

Expenditures

Maintenance and improvements of House.....	\$ 9,240 03
Average number of inmates.....	37

COUNTY OF GREY

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$72,500 00
" " contents.....	5,200 00
" " land.....	5,000 00
Number of acres.....	94

Receipts

Profits of farm.....	\$1,311 06
Received from all other sources.....	1,641 24
Amount provided out of taxation and received from Treasurer.....	8,676 84

Expenditures

Maintenance of House.....	11,629 14
Average number of inmates.....	62

COUNTY OF HALDIMAND

Statement showing value of property, receipts, expenditures and average number of inmates.

Approximate value of buildings.....	\$25,000 00
" " contents.....	7,000 00
" " land.....	5,000 00
Number of acres.....	50

Receipts

Profits of farm.....	\$ 633 00
Received from all other sources.....	630 00
Amount provided out of taxation and received from Treasurer.....	8,298 00

Expenditures

Maintenance of House.....	\$9,446 34
Average number of inmates.....	36

COUNTY OF HASTINGS

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$75,000 00
" " contents.....	6,000 00
" " land, barns and machinery.....	20,000 00
Number of acres.....	75

Receipts

Profits of farm.....	\$2,258 85
Received from all other sources.....	1,186 78
Amount provided out of taxation and received from Treasurer.....	9,764 08

Expenditures

Maintenance of House.....	\$13,209 71
Average number of inmates.....	83

COUNTY OF HURON

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	\$50,000 00
" " contents	5,000 00
" " land	5,500 00
Number of acres	67½

Receipts

Profits of farm	\$ 986 84
Received from all other sources	4,055 77
Amount provided out of taxation and received from Treasurer	5,147 99

Expenditures

Maintenance of House	\$10,712 80
Average number of inmates	87

COUNTY OF KENT

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	\$38,800 00
" " contents	3,700 00
" " land	7,500 00
Number of acres	50

Receipts

Profits of farm	\$1,169 09
Received from all other sources	61 90
Amount provided out of taxation and received from Treasurer	8,322 98

Expenditures

Maintenance of House	\$9,553 97
Average number of inmates	50

COUNTY OF LAMBTON

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	\$100,000 00
" " contents	4,000 00
" " land	12,000 00
Number of acres	60

Receipts

Profits of farm	\$ 592 17
Received from all other sources	35 00
Amount provided out of taxation and received from Treasurer	9,730 50

Expenditures

Maintenance of House	\$10,357 67
Average number of inmates	36

COUNTY OF LANARK

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings	\$ 36,949 29
" " contents	6,541 75
" " land	6,000 00
Number of acres	78

Receipts

Profits of farm	\$ 1,966 51
Received from other sources	12,330 70
Amount provided out of taxation and received from Treasurer	1,675 96

Expenditures

Maintenance of House	\$15,973 17
Average number of inmates	85

COUNTIES OF LEEDS AND GRENVILLE

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$30,000 00
" " contents.....	2,000 00
" " land.....	2,000 00
Number of acres.....	100

Receipts

Profits of farm.....	\$1,878 31
Received from all other sources.....	824 00
Amount provided out of taxation and received from Treasurer.....	4,633 69

Expenditures

Maintenance of House.....	\$7,336 00
Average number of inmates.....	40

COUNTY OF LINCOLN

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$60,000 00
" " contents.....	6,000 00
" " land.....	40,000 00
Number of acres.....	70

Receipts

Profits of farm.....	.....
Received from all other sources.....	\$5,274 70
Amount provided out of taxation and received from Treasurer.....	10,601 73

Expenditures

Maintenance of House and improvements.....	\$15,876.43
Average number of inmates.....	50

COUNTY OF MIDDLESEX

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$35,000 00
" " contents.....	1,000 00
" " land.....	10,000 00
Number of acres.....	110

Receipts

Profits of farm.....	\$6,549 65
Received from all other sources.....	973 65
Amount provided out of taxation and received from Treasurer.....	11,298 65

Expenditures

Maintenance of House.....	18,821 95
Average number of inmates.....	60

COUNTY OF NORFOLK

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$54,220 00
" " contents.....	5,750 00
" " land.....	5,010 00
Number of acres.....	102

<i>Receipts</i>	
Profits of farm.....	\$ 727 70
Received from all other sources.....	198 19
Amount provided out of taxation and received from Treasurer.....	14,710 98
<i>Expenditures</i>	
Maintenance of House.....	\$15,636 87
Average number of inmates.....	62

COUNTIES OF NORTHUMBERLAND AND DURHAM

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$50,000 00
“ “ contents.....	5,000 00
“ “ land.....	5,000 00
Number of acres.....	46
<i>Receipts</i>	
Profits of farm, sale of stock.....	\$ 1,750 00
Received from all other sources.....	3,010 44
Amount provided out of taxation and received from Treasurer.....	12,104 48
<i>Expenditures</i>	
Maintenance of House and permanent improvements.....	\$16,864 92
Average number of inmates.....	79

COUNTY OF ONTARIO

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$25,000 00
“ “ contents.....	5,000 00
“ “ land.....	6,000 00
Number of acres.....	62
<i>Receipts</i>	
Profits of farm.....	\$ 1,965 50
Received from all other sources.....	1,341 62
Amount provided out of taxation and received from Treasurer.....	9,656 13
<i>Expenditures</i>	
Maintenance of House.....	\$12,963 25
Average number of inmates.....	62

COUNTY OF OXFORD

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$35,000 00
“ “ contents.....	6,000 00
“ “ land.....	7,000 00
Number of acres.....	100
<i>Receipts</i>	
Profits of farm.....	\$1,359 83
Received from all other sources.....	287 00
Amount provided out of taxation and received from Treasurer.....	7,278 84
<i>Expenditures</i>	
Maintenance of House.....	\$8,925 67
Average number of inmates.....	48

COUNTIES OF PEEL AND HALTON

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings and land.....	\$63,000	00
" " contents.....	8,955	74
" " land.....	10,000	00
Number of acres.....		50

Receipts

Profits of farm.....		
Received from all sources.....	\$12,095	58
Amount provided out of taxation and received from Treasurer.....	9,853	00

Expenditures

Maintenance of House, net cost.....	\$11,341	28
Average number of inmates.....		53

COUNTY OF PERTH

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$50,000	00
" " contents.....	3,000	00
" " land.....	5,000	00
Number of acres.....		53

Receipts

Profits of farm.....	\$ 585	59
Received from all other sources.....	1,808	90
Amount provided out of taxation and received from Treasurer.....	5,095	98

Expenditures

Maintenance of House.....	\$7,490	47
Average number of inmates.....		64

COUNTY OF PETERBOROUGH

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$25,250	00
" " contents.....	2,000	00
" " land.....	5,250	00
Number of acres.....		96

Receipts

Profits of farm.....	\$ 592	30
Received from all other sources.....	512	30
Amount provided out of taxation and received from Treasurer.....	14,414	40

Expenditures

Maintenance of House.....	\$9,238	74
Average number of inmates.....		29

COUNTIES OF PRESCOTT AND RUSSELL

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$17,000	00
" " contents.....	10,500	00
" " land.....	2,500	00
Number of acres.....		100

Receipts

Profits of farm.....	\$ 2,891 30
Received from all other sources.....	966 17
Amount provided out of taxation and received from Treasurer.....	26,443 56

Expenditures

Maintenance of House.....	\$16,337 41
Average number of inmates.....	67

COUNTY OF PRINCE EDWARD

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$35,000 00
" " contents.....	5,000 00
" " land.....	4,500 00
Number of acres.....	45

Receipts

Profits of farm.....	\$1,282 89
Received from all other sources.....	155 63
Amount provided out of taxation and received from Treasurer.....	6,823 48

Expenditures

Maintenance of House.....	\$8,899 00
Average number of inmates.....	36

COUNTY OF SIMCOE

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$25,000 00
" " contents.....	11,881 16
" " land.....	12,000 00
Number of acres.....	125

Receipts

Profits of farm.....	\$1,550 49
Received from all other sources.....	2,193 20
Amount provided out of taxation and received from Treasurer, including improvements.....	16,080 85

Expenditures

Maintenance of House.....	\$19,824 54
Average number of inmates.....	73

COUNTIES OF STORMONT, DUNDAS AND GLENGARRY

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$50,000 00
" " contents.....	4,359 91
" " land.....	13,000 00
Number of acres.....	140

Receipts

Profits of farm.....	\$ 678 00
Received from all other sources.....	979 96
Amount provided out of taxation and received from Treasurer.....	15,982 48

Expenditures

Maintenance of House.....	\$16,372 79
Average number of inmates.....	71

COUNTY OF VICTORIA

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$64,500	00
“ “ contents.....	15,599	74
“ “ land.....	8,344	77
Number of acres.....		70

Receipts

Profits of farm.....	\$	514	01
Received from all other sources.....		2,321	16
Amount provided out of taxation and received from Treasurer.....		15,671	43

Expenditures

Maintenance of House.....	\$18,506	60
Average number of inmates.....		68

COUNTY OF WATERLOO

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$175,000	00
“ “ contents.....	5,000	00
“ “ land.....	16,000	00
Number of acres.....		103

Receipts

Profits of farm.....	\$	7,197	00
Received from all other sources.....		3,002	92
Amount provided out of taxation and received from Treasurer.....		33,156	93

Expenditures

Maintenance of House.....	\$31,777	28
Average number of inmates.....		121

COUNTY OF WELLAND

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$25,000	00
“ “ contents.....	3,900	00
“ “ land.....	10,000	00
Number of acres.....		60

Receipts

Profits of farm.....	\$1,012	02
Received from all other sources.....	6,225	87
Amount provided out of taxation and received from Treasurer.....		.....

Expenditures

Maintenance of House.....	\$18,661	50
Average number of inmates.....		69

COUNTY OF WELLINGTON

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$80,000	00
“ “ contents.....	6,000	00
“ “ land.....	5,000	00
Number of acres.....		58

Receipts

Profits of farm.....	\$	400	00
Received from all other sources.....		4,117	76
Amount provided out of taxation and received from Treasurer.....		7,515	00

Expenditures

Maintenance of House.....	\$11,700	00
Average number of inmates.....		60

COUNTY OF WENTWORTH

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$40,000 00
" " contents.....	6,000 00
" " land.....	14,000 00
Number of acres.....	188

Receipts

Profits of farm.....	.....
Received from all other sources.....	\$ 4,886 88
Amount provided out of taxation and received from Treasurer.....	10,246 90

Expenditures

Maintenance of House.....	\$10,246 90
Average number of inmates.....	61

COUNTY OF YORK

Statement showing value of property, receipts, expenditures, and average number of inmates.

Approximate value of buildings.....	\$50,000 00
" " contents.....	8,000 00
" " land.....	13,000 00
Number of acres.....	130

Receipts

Profits of farm.....	\$ 3,188 41
Received from all other sources.....	720 18
Amount provided out of taxation and received from Treasurer.....	19,950 00

Expenditures

Maintenance of House.....	\$ 23,853 48
Average number of inmates.....	67

Fifty-ninth Annual Report

OF THE

Inspector of Prisons and Public Charities

UPON THE

Prisons and Reformatories

OF THE

PROVINCE OF ONTARIO

BEING FOR THE YEAR ENDING 31st OCTOBER

1926

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



ONTARIO

TORONTO

Printed and Published by the Printer to the King's Most Excellent Majesty

1927

INTRODUCTION

In presenting the 59th Annual Report of the Reformatories and Prisons of Ontario there is little to remark in the way of either increase or decrease in population. Compared with 1925, there were ten more persons sent to gaol in 1926, or a total of 18,033 persons, and this will explain the additional cost of gaol maintenance, amounting to \$4,925.34. The daily average cost per prisoner has decreased from 52.14 cents to 46.64 cents or about 5.50 cents per day.

Crimes against public order increased by 509 and were responsible for over 56 per cent. of the gaol population. About 37 per cent. were temperate and 61 per cent. intemperate. There were about eleven times as many male persons as there were females and about 87 per cent. had some degree of education and 13 per cent. could not read or write, which may be accepted as evidence that education in itself is not a saving quality for human frailties. Notwithstanding all the agencies in active operation in Toronto for the reform of human beings, this city sent 7,264 persons to gaol in 1926 or 42 per cent. of the commitments in the province. The crime of rape has always remained in the same class as murder and if this crime is to be penalized by the death of the criminal it will be interesting to know that in 1926, that seventy-three persons were committed for rape.

It is apparent from the foregoing recital that whatever else may be stationary or decreasing, crime is a progressive factor in our national life. It has come uninvited and remains unwelcome. Within a generation it has wrought many changes in all departments,—in business, in education, in the church, in the courts, in society and in family life; and if we diligently seek for its cause we will probably find it in a desire for material gain without the desire to honestly work for it. Material development has outstripped the development of moral or spiritual growth.

In business the old problem of labour and capital remains unsolved and lawlessness and crime arise therefrom, as well as from the conditions of unemployment and idleness, and idleness almost invariably leads to crime.

Education has attacked the problem with its Industrial Schools, its Auxiliary Classes and its Welfare Boards, but even in the world intellectual there are many school problems dealing with the abnormal boy and the wayward girl that are passed on to the common gaol for solution.

In society there is an ever-increasing list of social agencies to restrain and elevate the erring individual, but without discounting their value, the criminal still flourishes and fills our penal institutions.

The law courts have been extended to include a Juvenile Court and a semi-judicial body known as the Parole Board, but the fact remains that crime continues to flourish and the solution is not yet apparent.

H. M. ROBBINS,
Deputy Provincial Secretary.

Fifty-Ninth Annual Report

UPON THE

Gaols in Ontario

In presenting the Fifty-ninth Annual Report of the Gaols of Ontario, I beg to submit the following statistics for the year ending September 30th, 1926.

(1) Number of Gaols in Ontario.....	47
(2) Total expenditure for Gaol maintenance in Ontario:	
In 1925.....	\$301,331 16
In 1926.....	306,256 00
	<hr/>
Increase.....	\$4,925 34

(3) The cash revenue from Gaol labour during 1926 was \$2,384.21, and was earned at Kingston and Ottawa.

Average cost per day for maintenance of each prisoner in the County Gaols of Ontario was:

In 1925.....	52.14 cents.
In 1926.....	46.64 cents.

(4) Number of persons committed to Gaols during the past two years was:

In 1925.....	18,023
In 1926.....	18,033

 Increase during the past year..... 10

Commitments for murder in 1925.....	33
Commitments for murder in 1926.....	16

 Decrease..... 17

Commitments for manslaughter in 1925.....	19
Commitments for manslaughter in 1926.....	37

 Increase..... 18

Commitments for crime against the person:

In 1925.....	637
In 1926.....	681

 Increase..... 44

Commitments for crime against property:

In 1925.....	4,072
In 1926.....	3,844

Decrease	228
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Commitments for crime against public morals and decency:

In 1925.....	720
In 1926.....	650

Decrease.....	70
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Commitments for crime against public order and peace:

In 1925.....	9,526
In 1926.....	10,035

Increase.....	509
---------------	-----

Number of insane committed to Gaols:

In 1925.....	347
In 1926.....	298

Decrease	49
----------------	----

Prisoners sentenced to the Penitentiary during the past year show a decrease of 15 as compared with the previous year, while the number transferred to the Reformatories was 645 less than in 1925.

Number of prisoners sentenced in 1925.....	11,306
Number of prisoners sentenced in 1926.....	11,371

Increase.....	65
---------------	----

The percentage of sentences to commitments was:

In 1925.....	62.7
In 1926.....	63.1

The number of prisoners sentenced to terms over one year was 112 more than during the previous year.

The number confined in penal institutions of Ontario was 71 more on September 30th, 1925, than on the same date last year.

Of those committed during the year, 7,132 were married and 10,901 were single.

Habits of life of those committed to Gaols:

In 1925, number of commitments, 18,023; temperate, 7,260; percentage, 40.2.

In 1926, number of commitments, 18,033; temperate, 7,062; percentage, 39.1.

13.23 per cent. of the prisoners committed to the gaols during the past year could not read or write.

Number of days' stay of prisoners:

In 1925.....	235,058
In 1926.....	240,630

Showing an increase of days.....	5,572
----------------------------------	-------

Escapes and captures:

Thirteen prisoners escaped during the year, of whom nine were recaptured.

Deaths in Gaols:

In 1925.....	6
In 1926.....	4

COMMON GAOLS

The following table shows the number of prisoners committed to the Common Gaols in the Province in each year, from 1st October, 1913, to 30th September, 1926.

Date of Commitment	Men over 16 years of age.	Boys under 16 years of age.	Women over 16 years of age.	Girls under 16 years of age.	Totals.
Commitments for the year ending 30th September, 1913	17,442	85	1,713	10	19,250
“ “ “ “ 1914	21,024	84	1,665	4	22,777
“ “ “ “ 1915	18,566	90	1,669	12	20,337
“ “ “ “ 1916	14,506	80	1,502	12	16,100
“ “ “ “ 1917	11,417	142	878	8	12,445
“ “ “ “ 1918	12,182	136	914	10	13,242
“ “ “ “ 1919	12,034	183	872	7	13,096
“ “ “ “ 1920	13,759	106	882	9	14,756
“ “ “ “ 1921	16,526	93	1,168	13	16,800
“ “ “ “ 1922	13,360	126	1,300	14	14,800
“ “ “ “ 1923	12,766	80	1,135	14	13,995
“ “ “ “ 1924	14,564	78	1,211	26	15,879
“ “ “ “ 1925	16,343	98	1,567	15	18,023
“ “ “ “ 1926	16,502	62	1,460	9	18,033

The disposition made of the persons committed to the Gaols of the Province is set forth in the table printed below:

Acquitted on being brought to trial, and discharged.....	1926
Discharged without trial by order of judges, magistrates and courts, including remand cases.....	3,832
Detained for want of sureties to keep the peace.....	843
Detained as witnesses.....	11
Detained as fraudulent debtors.....	20
Detained as lunatics, idiots and persons unsafe to be at large.....	66
Died before trial.....	298
Detained by civil processes other than above.....	3
Waiting trial and otherwise detained on 30th September, 1926.....	258
Found guilty and sentenced.....	240
Discharged under suspended sentence.....	11,371
	1,091
Total number of commitments.....	18,033

The places of confinement to which the convicted persons were sentenced are set forth in the following statement, and similar information is given as regards the sentenced prisoners of the previous year:

Sentenced to Kingston Penitentiary.....	1925	1926
“ “ to the Industrial School.....	270	255
“ “ direct to the Ontario Reformatory.....	164	97
“ “ to the Common Gaols and subsequently transferred to the Ontario Reformatory.....	2,098	1,582
“ “ direct to the Reformatory for Females.....	3,815	3,756
“ “ to the Common Gaols and subsequently transferred to the Reformatory for Females.....	162	112
“ “ to the Common Gaols and there detained until the expiration of sentence.....	54	34
Died while undergoing sentence.....	4,737	5,530
	6	5
Totals.....	11,306	11,371

The summaries given below show the nature of the offence committed by the convicted persons:

1. CRIMES AGAINST THE PERSON

	Total Commitments for the year.	Number found guilty and sentenced.
Assault, common.....	355	214
Assault, felonious.....	132	74
Cutting and wounding, stabbing and shooting with intent.....	41	27
Rape and assault with intent.....	73	23
Murder.....	16	...
Manslaughter.....	37	6
Attempted suicide.....	27	4
Totals.....	681	348

2. CRIMES AGAINST PROPERTY

	Total Commitments for the year.	Number found guilty and sentenced.
Arson and incendiarism.....	24	11
Burglary.....	201	125
Counterfeiting and passing counterfeit money.....	4	2
Destroying and injuring property.....	41	25
Embezzlement.....	3	2
Forgery.....	85	59
Fraud and obtaining money and goods under false pretences....	451	254
Horse, cattle and sheep stealing.....	4	2
Housebreaking and robbery.....	483	316
Larceny.....	1,725	1,201
Receiving stolen goods.....	130	78
Trespass.....	659	492
Miscellaneous.....	34	7
Totals.....	3,844	2,574

3. CRIMES AGAINST PUBLIC MORALS AND DECENCY

	Total Commitments for the year.	Number found guilty and sentenced.
Bigamy.....	30	14
Inmates and frequenters of houses of ill-fame.....	155	81
Keeping houses of ill-fame.....	132	90
Perjury.....	36	13
Seduction.....	68	27
Indecent assault and exposure.....	132	74
Miscellaneous.....	97	54
Totals.....	650	353

5. OFFENCES AGAINST PUBLIC ORDER AND PEACE

	Total Commitments for the year.	Number found guilty and sentenced.
Abusive and obscene language.....	9	5
Breaches of peace, breaches of by-laws, escapes from and obstructing constables.....	109	79
Carrying unlawful weapons.....	53	35
Deserting employment, etc.....	...	...
Drunk and disorderly.....	5,886	4,588
Deserting the militia.....	3	3
Selling liquor without a license and selling or giving it to Indians	1,641	1,158
Threatening and seditious language.....	10	3
Vagrancy.....	2,161	1,057
Miscellaneous.....	163	66
Totals.....	10,035	6,994
Lunatics and contempt of court, etc.....	466	150
Other offences, not classified in foregoing.....	2,357	950
Grand total.....	18,033	11,371

The following tables show the period of sentence passed on the convicted prisoners and the sex, social conditions, habits, etc., of the total number of prisoners committed:

PERIODS OF SENTENCE		1925	1926
For periods under thirty days.....		3,798	3,913
For thirty days and up to sixty days or two months, not including the last term.....		2,259	2,436
For sixty days, or two months.....		948	871
Over two months to three months.....		1,383	1,238
Over three months to four months.....		402	495
Over four months to five months.....		98	146
Over five months to six months.....		773	600
Over six months to nine months.....		164	187
Over nine months up to one year, inclusive.....		259	235
Over one year and up to two years.....		644	749
Over two years and up to three years in the Penitentiary.....		151	162
Over three years in the Penitentiary.....		83	79
For periods of any length in the Industrial Schools.....		323	244
Sentenced to death and executed.....		1	.....
Sentenced to death and commuted to imprisonment.....		7	15
Sentenced to imprisonment with corporal punishment.....		17	1
		<hr/> 11,306	<hr/> 11,371
SEX		1925	1926
Male.....		16,441	16,564
Female.....		1,582	1,469
		<hr/> 18,023	<hr/> 18,033
SOCIAL CONDITIONS		1925	1926
Married.....		6,907	7,132
Unmarried.....		11,116	10,901
		<hr/> 18,023	<hr/> 18,033
HABITS		1925	1926
Temperate.....		7,260	7,062
Intemperate.....		10,763	10,971
		<hr/> 18,023	<hr/> 18,033
EDUCATIONAL STATUS		1925	1926
Could read and write.....		15,434	15,647
Could neither read nor write.....		2,589	2,386
		<hr/> 18,023	<hr/> 18,033
NATIONALITY		1925	1926
Canadian.....		10,197	7,188
English.....		1,304	1,416
Irish.....		591	638
Scotch.....		651	708
United States.....		1,028	1,102
Other countries.....		4,252	3,381
		<hr/> 18,023	<hr/> 18,033
RELIGIOUS DENOMINATIONS		1925	1926
Roman Catholic.....		7,312	7,200
English Church.....		2,808	2,935
Presbyterian.....		2,015	2,112
United.....		1,970	2,108
Other denominations.....		3,918	3,678
		<hr/> 18,023	<hr/> 18,033

The number of prisoners confined in the various custodial institutions of the Province at the close of the past official year, and the year preceding, is exhibited in the following summary:

	1925	1926
In the Common Gaols.....	672	676
In the Reformatory for Females (Mercer), Toronto.....	157	173
In the Dominion Penitentiary, Kingston.....	760	661
In the Industrial Farm, Burwash.....	327	293
In the Industrial Farm, Fort William.....	28	40
In the Industrial Farm, Langstaff (For Men).....	231	204
In the Industrial Farm, Concord (For Women).....	42	43
In the Ontario Reformatory Clay Plant, Mimico.....	79	87
In the Ontario Reformatory, Guelph.....	513	524
	<hr/> 2,809	<hr/> 2,701

A summary is given below showing the days' stay respectively of those prisoners whose maintenance was chargeable to the Province and of those who were a charge on the Municipalities:

	Days' Stay
5,879 Criminal prisoners remained in gaol.....	102,982
12,154 Municipal prisoners remained in gaol.....	137,648
<hr/>	
18,033 Prisoners in all remained in gaol.....	240,630

TABLE No. 1

Showing total number of prisoners, male and female, sentenced under each offence, during the year ending 30th September, 1926.

Offences	Male	Female	Total
Abortion.....	4	2	6
Abusive and obscene language.....	5		5
Arson.....	9	2	11
Assault.....	207	7	214
Assault, felonious.....	73	1	74
Attempted suicide.....	3	1	4
Abduction.....	3		3
Bigamy.....	13	1	14
Breaches of the peace.....	2		2
Breaches of by-laws.....	49	2	51
Burglary.....	124	1	125
Contempt of court.....	149	1	150
Carrying unlawful weapons.....	35		35
Counterfeiting and passing counterfeit money.....	2		2
Cruelty to animals.....	7		7
Cutting, wounding or attempting same.....	18		18
Destroying and injuring property.....	24	1	25
Drunk and disorderly.....	4,321	267	4,588
Deserting militia.....	3		3
Deserting employment.....			
Embezzlement.....	2		2
Escaping from or obstructing constables.....	26		26
Escaping from prison.....	41		41
Forging.....	58	1	59
Fraud or obtaining money or goods under false pretences.....	241	13	254
Gambling.....	25		25
Giving liquor to Indians.....	19	1	20
Horse, cattle or sheep stealing.....	2		2
Housebreaking and robbery.....	313	3	16
Incendiarism.....			
Indecent assault and exposure.....	74		74
Inmates and frequenters of houses of ill-fame.....	44	37	81
Keepers of houses of ill-fame.....	27	63	90
Larceny.....	1,120	81	1,201
Manslaughter.....	6		6
Misdemeanour.....	21		21
Murder.....			
Perjury.....	13		13
Prostitution.....	7	17	24
Rape and assault with intent.....	23		23
Refusing bail.....			
Receiving stolen property.....	75	3	78
Seduction.....	27		27
Selling liquor without license and breaches O.T.A.....	1,004	134	1,138
Shooting with intent.....	7	2	9
Stabbing.....			
Threatening and seditious language.....	3		3
Trespass.....	491	1	492
Unlawful shooting.....			
Vagrancy.....	905	152	1,057
Other offences not enumerated.....	873	79	952
<hr/>			
Totals.....	10,498	873	11,371

TABLE No. 2

Showing the social status and habits of prisoners committed during the year ending 30th September, 1926.

Name of Gaol	Married	Un-married	Temperate	In-temperate	Total committed to Gaol	Neither read nor write
Barrie.....	54	76	111	19	130	24
Belleville.....	106	125	204	27	231	49
Brantford.....	96	106	58	144	202	4
Brampton.....	35	45	33	47	80	1
Brockville.....	60	94	117	37	154	13
Bracebridge.....	20	18	33	5	38	2
Cayuga.....	25	29	34	20	54	2
Cornwall.....	56	64	42	78	120	32
Cobourg.....	55	75	70	60	130	11
Chatham.....	131	203	220	114	334	30
Fort Frances.....	82	112	62	132	194	26
Goderich.....	33	65	43	55	98	6
Guelph.....	45	56	76	25	101	.....
Gore Bay.....	10	10	16	4	20	5
Haileybury.....	119	181	98	152	250	34
Hamilton.....	394	451	201	644	845	34
Kingston.....	43	75	58	58	116	4
Kitchener.....	76	106	78	104	182	6
Kenora.....	36	59	95	.....	95	27
London.....	283	465	294	454	748	34
Lindsay.....	48	49	63	34	97	17
L'Orignal.....	13	27	38	2	40	9
Milton.....	31	134	107	58	165	2
Napanee.....	24	37	22	19	61	2
North Bay.....	120	290	243	167	410	95
Ottawa.....	385	590	436	539	975	126
Owen Sound.....	62	55	65	52	117	8
Orangeville.....	27	35	56	6	62	.....
Perth.....	22	37	14	45	59	59
Picton.....	27	28	12	43	55	.....
Pembroke.....	24	45	41	28	69	14
Peterborough.....	96	94	140	50	190	22
Port Arthur.....	167	394	303	258	561	54
Parry Sound.....	66	140	141	65	206	29
Simcoe.....	40	30	33	37	70	8
St. Catharines.....	70	135	63	142	205	19
Sarnia.....	94	126	59	161	220	25
Stratford.....	53	53	75	31	106	7
Sandwich.....	408	491	573	326	899	53
St. Thomas.....	74	55	120	9	129	8
Sault Ste. Marie.....	81	124	72	133	205	51
Sudbury.....	200	862	16	1,046	1,062	305
Toronto.....	2,931	4,333	2,092	5,172	7,264	1,046
Walkerton.....	19	28	34	13	47	7
Woodstock.....	35	63	64	34	98	8
Welland.....	189	205	133	261	394	61
Whitby.....	67	78	84	61	145	7
Totals.....	7,132	10,901	7,062	10,971	18,033	2,386

TABLE

Showing the number of persons committed, the number over and under sixteen years of age, unsound mind, number acquitted on trial, number discharged without trial, number

Name of gaol.	Total number committed during the year.			Number under 16 years of age.			Number over 16 years of age.			For the first time.	For the second time
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.		
Barrie.....	124	6	130				124	6	130	84	25
Belleville.....	213	18	231	1	1	2	212	17	229	203	17
Brantford.....	190	12	202				190	12	202	98	25
Brampton.....	75	5	80	2		2	73	5	78	53	21
Brockville.....	143	11	154	4		4	139	11	150	125	18
Bracebridge....	34	4	38				34	4	38	29	5
Cayuga.....	52	2	54				52	2	54	37	5
Cornwall.....	116	4	120	2		2	114	4	118	34	18
Cobourg.....	120	10	130	2		2	118	10	128	98	26
Chatham.....	305	29	334	5	2	7	300	27	327	207	68
Fort Frances..	183	11	194	7		7	176	11	187	155	22
Goderich.....	95	3	98				95	3	98	70	12
Guelph.....	94	7	101				94	7	101	66	18
Gore Bay.....	17	3	20				27	3	20	16	4
Hamilton.....	764	81	845				764	81	845	408	125
Haileybury....	224	26	250				224	26	250	185	38
Kingston.....	110	6	116	1		1	109	6	115	94	12
Kitchener.....	169	13	182	1		1	168	13	181	126	36
Kenora.....	83	12	95	1		1	82	12	74	90	5
London.....	675	73	748	10	1	11	665	72	737	403	109
Lindsay.....	86	11	97	2		2	84	11	95	86	5
L'Orignal.....	37	3	40				37	3	40	40	
Milton.....	162	3	165				163	3	166	138	9
Napanee.....	54	7	61		1	1	54	6	60	49	12
North Bay....	391	19	410		1	1	391	18	409	293	68
Ottawa.....	853	113	975	9		9	853	113	966	906	53
Owen Sound...	112	5	117				112	5	117	61	23
Orangeville...	55	7	62				55	7	62	42	12
Perth.....	56	3	59				56	3	59	52	5
Picton.....	50	5	55				50	5	55	48	6
Pembroke.....	65	4	69				65	4	69	67	2
Peterborough..	173	17	190				173	17	190	101	52
Port Arthur...	577	44	561	6	1	7	511	43	554	529	23
Parry Sound..	191	15	206				191	15	206	199	7
Simcoe.....	61	9	70	2		2	57	9	68	56	10
St. Catharines.	198	7	205		1	1	198	6	204	89	36
Sarnia.....	199	21	220				199	21	220	157	41
Stratford.....	103	3	106	1		1	102	3	105	68	21
Sandwich.....	826	73	899				826	73	899	753	38
St. Thomas....	120	4	129	1		1	124	4	128	80	36
Sault Ste. Marie	188	17	205	1		1	187	17	204	162	14
Sudbury.....	1,014	48	1,066				1,014	48	1,062	909	40
Toronto.....	6,618	646	7,264	2	1	3	6,616	695	7,261	2,078	2,260
Walkerton....	45	2	47				45	2	47	40	6
Woodstock....	88	10	98	2		2	86	10	96	91	4
Welland.....	378	16	394				378	16	394	279	68
Whitby.....	124	21	145				124	21	145	136	5
Totals.....	16,564	1,469	18,033	62	9	71	16,502	1,460	17,962	10,220	3,465

No. 3.

the number of re-committals, the number for want of sureties to keep the peace, number of waiting trial, number sentenced, and number committed under civil process.

For the third time.	For more than the third time.	For want of sureties to keep the peace.	Witnesses.	Lunatics and idiots.	Fraudulent debtors.	Under civil process.	Acquitted on trial and discharged.	Discharged without trial.	Discharged under suspended sentence.	Died before trial.	Waiting trial.	Sentenced for any period.
13	8			11	3	9	9		6		1	91
5	6	1		5			109		1		1	114
19	60		2	3			40		1		5	151
3	3						8	10	10		2	50
5	6			5			12	2	25		6	104
4				6			2		1	1		28
3	9						1	4				49
10	8			1	1		12	2	8		7	89
4	2						10		22		2	95
38	21		2	8			44		54		6	220
7	10		1	11			47		6		1	128
6	10		3	4			19		13		1	58
8	9			3					7		3	88
				1			4		1			14
66	246	9	2		4		7	129	40	1	9	644
17	10			15			1	1	11		4	217
5	5			1		2	10	1	6		2	94
12	8			1			1	57	11		6	106
				3	1		22	5	3			61
35	121		3	16			337		4		6	382
1	5			10				5	10		3	69
							2				2	36
1	17			2		84	2	2	3		9	63
							11		12			38
24	25			18			63		1		6	322
7	9							307	80		9	379
16	17			5			6	1	2		3	100
6	2			6				1	5			50
2							2		1		3	53
1				1								54
				3			5		1			60
17	20			2			42	59	1		6	80
9				31			39		9		5	477
				5			94	21	2		2	82
2	2		1	6	5		12		13		2	31
15	65						26		6		8	165
28	14						13	66	2		1	138
9	8			1	20	11	3		9		2	60
30	78			5	23		371		4		16	480
6	7			1	4		42	26	20		4	32
10	19			11			32	27			7	128
26	87			12		152	23	23	16		6	830
1,641	1,265		6	76	5		2,367		581	1	72	4,186
	1			3			1		25		1	17
2	1			2			5		13		3	40
31	16			1				79	4		8	302
4				2			6		2			116
2,148	2,200	11	20	298	66	258	3,832	843	1,091	3	240	11,371

TABLE

Showing the number of prisoners upon whom sentences were passed, the nature of such Criminal Court during the year

Name of Gaol.	Total number of prisoners sentenced during the year.			Where sentenced to.						
	Male.	Female.	Total.	To gaol and afterwards transferred to the Reformatory.	To Reformatory for Ontario direct.	To gaol and afterwards transferred to female Reformatory.	To female Reformatory direct.	To Penitentiary.	Sentenced elsewhere.	
Barrie.....	85	6	91	20	26	1	3	5	12	
Belleville.....	106	8	114	4	23		2	3		
Brantford.....	143	8	151	10	11			10		
Brampton.....	48	2	50	1	5			2	31	
Brockville.....	100	4	104	32		2		4		
Bracebridge.....	26	2	28	1	4		1	1		
Cayuga.....	47	2	49	4		1				
Cornwall.....	88	1	89	23	44	1		1	1	
Cobourg.....	92	3	95	21				6		
Chatham.....	206	14	220	1	29		3	1		
Fort Frances.....	123	5	128	13	1			1		
Goderich.....	57	1	58		10			1		
Guelph.....	83	5	88		14		2		13	
Gore Bay.....	12	2	14							
Haileybury.....	197	20	217	44	16		7	4		
Hamilton.....	587	57	644	86	103		10	19		
Kingston.....	93	1	94	7	8			2		
Kitchener.....	102	4	106		29		2	2		
Kenora.....	55	6	61	9	1				2	
London.....	366	16	382	40		2		11	4	
Lindsay.....	62	7	69	8	14		1		1	
L'Orignal.....	34	2	36	1			2			
Milton.....	61	2	63		15		1	1	2	
Napanee.....	34	4	38	5	2			2		
North Bay.....	314	8	322		136		6	5	1	
Ottawa.....	534	45	579	10	57	3	9	13		
Owen Sound.....	97	3	100	7	8		1	6		
Orangeville.....	45	5	50		1					
Perth.....	50	3	53		4			1		
Picton.....	50	4	54	1				2		
Pembroke.....	56	4	60	17		3		6		
Peterborough.....	75	5	80		11		1	13		
Port Arthur.....	452	25	477	406			2	9	5	
Parry Sound.....	71	11	82		28		3	3	2	
Simcoe.....	29	2	31		7			3		
St. Catharines.....	163	2	165	24		1		7	2	
Sarnia.....	126	12	138		30		3	2	3	
Stratford.....	58	2	60	4	9	1		4		
Sandwich.....	447	33	480	76			15	11	8	
St. Thomas.....	30	2	32	1	6		2	4		
Sault Ste. Marie.....	114	14	128	27			3	3	4	
Sudbury.....	806	24	830	227	189		1	15	1	
Toronto.....	3,724	462	4,126	2,559	731	12	32	63	11	
Walkerton.....	17		17		3			1		
Woodstock.....	37	3	40	1	7			5		
Welland.....	293	9	302	42				3	1	
Whitby.....	103	13	116	24		7		1		
Totals.....	10,498	873	11,371	3,756	1,582	34	112	255	97	

No. 4

sentences, and the disposal of those who elected to be tried at the County Judge's ending September 30th, 1926.

Died while under-going sentence.	To gaol and there detained until expiration of sentence or payment of fine.	Capital and corporal sentences.			County Judge's criminal court.		
		Number of prisoners sentenced to death and executed.	Number of prisoners sentenced to death and commuted to imprisonment.	Number of prisoners sentenced to corporal punishment with imprisonment.	Acquitted on trial and discharged from custody.	Found guilty and sentenced.	Total number who elected to be tried.
.....	24	.....	.....	.....	.....	2	2
.....	82	.....	.....	.....	6	5	11
.....	120	.....	.....	.....	6	4	10
.....	11	.....	.....	.....	1	2	3
.....	66	.....	.....	.....	11	22	33
.....	21	.....	.....	.....	1	1	2
.....	44	.....	.....	.....	1	.....	1
.....	19	.....	.....	.....	1	.....	1
.....	68	.....	.....	.....	6	18	24
.....	186	.....	.....	.....	.....	11	11
.....	113	.....	.....	.....	.....	.....	.....
.....	47	.....	.....	.....	1	1	2
.....	59	.....	.....	.....	2	4	6
.....	14	.....	.....	.....	.....	.....	.....
.....	146	.....	.....	.....	.....	2	2
.....	426	.....	.....	.....	8	81	89
.....	77	.....	.....	.....	3	11	14
.....	73	.....	.....	.....	1	.....	1
.....	49	.....	.....	.....	2	3	5
.....	329	.....	.....	.....	1	3	4
.....	45	.....	.....	2	.....	1	1
.....	33	.....	.....	.....	.....	.....	.....
.....	44	.....	.....	.....	2	8	10
.....	29	.....	.....	.....	3	6	9
.....	175	.....	.....	.....	1	3	4
.....	487	.....	.....	.....	7	8	15
.....	78	.....	.....	.....	.....	6	6
3	46	.....	.....	.....	.....	.....	.....
.....	48	.....	.....	.....	1	6	7
.....	51	.....	.....	.....	.....	.....	.....
.....	34	.....	.....	.....	.....	.....	.....
.....	55	.....	.....	.....	.....	1	1
1	54	.....	.....	.....	14	6	20
.....	46	.....	.....	.....	3	7	10
.....	20	.....	.....	.....	.....	.....	.....
.....	131	.....	.....	.....	.....	.....	.....
.....	103	.....	.....	.....	12	2	14
.....	42	.....	.....	.....	4	4	8
.....	370	.....	.....	.....	5	.....	5
.....	19	.....	.....	.....	9	4	13
.....	91	.....	.....	1	1	5	6
.....	397	.....	.....	.....	6	19	25
1	777	.....	.....	12	89	187	276
.....	13	.....	.....	.....	2	2	7
.....	27	.....	.....	.....	1	1	2
.....	256	.....	.....	.....	.....	.....	.....
.....	84	.....	.....	.....	.....	.....	.....
5	5,530	.....	.....	15	211	446	657

TABLE

Showing the number of prisoners, how maintained, cost of maintenance, and

Name of Gaol.	Name of Gaoler.	How maintained.				
		Total number of prisoners committed during the year.	Number of prisoners whose maintenance was defrayed by the Province.	Number of prisoners whose maintenance was defrayed by the municipalities.	Number of days' custody of Government prisoners.	Number of days' custody of municipal prisoners.
Barrie.....	J. D. D. Banting.....	130	22	108	610	2,350
Belleville.....	J. Ketcheson.....	231	110	121	1,760	2,276
Brantford.....	John Cook.....	202	58	144	1,429	2,374
Brampton.....	W. A. Partridge.....	80	20	60	133	640
Brockville.....	J. A. McLean.....	154	101	53	2,402	1,738
Bracebridge.....	D. McDonald.....	38	38	.....	1,907	.....
Cayuga.....	T. Walsh (Acting).....	54	12	42	480	576
Cornwall.....	T. W. Ault.....	120	41	79	749	1,273
Cobourg.....	G. L. McLaughlin.....	130	55	75	1,180	1,335
Chatham.....	M. W. Shaw.....	334	102	232	2,619	4,582
Fort Frances.....	R. Bolton.....	194	194	.....	3,281	.....
Goderich.....	J. B. Reynolds.....	98	44	54	1,529	1,433
Guelph.....	F. L. Cosby.....	101	55	46	934	923
Gore Bay.....	J. W. Griffith.....	20	20	.....	1,421	.....
Haileybury.....	D. A. Murry.....	250	250	.....	9,399	.....
Hamilton.....	F. Lalonde.....	845	270	575	5,809	9,274
Kingston.....	J. T. Hawkey.....	116	56	60	1,433	1,766
Kitchener.....	J. Cook.....	182	31	151	718	2,429
Kenora.....	E. Cox.....	95	95	.....	7,657	.....
London.....	V. L. Dawson.....	748	130	618	1,679	7,484
Lindsay.....	H. W. Stone.....	97	39	58	933	2,161
L'Orignal.....	F. Millette.....	40	12	28	540	1,348
Milton.....	A. McGibbon.....	160	30	135	727	2,395
Napanee.....	W. E. Loyst.....	61	32	29	361	322
North Bay.....	J. W. Bourke.....	410	391	19	5,261	.....
Ottawa.....	A. G. Dawson.....	975	173	802	6,321	10,699
Owen Sound.....	W. A. Grier.....	117	61	51	1,345	1,741
Orangeville.....	G. A. Leighton.....	62	8	54	132	3,135
Perth.....	J. Oates.....	59	22	37	6,471	2,571
Pictou.....	E. Croft.....	55	15	40	537	172
Pembroke.....	W. Brown.....	69	32	37	1,002	1,370
Peterborough.....	H. Nesbitt.....	190	41	149	1,148	1,737
Port Arthur.....	G. F. Lasseter.....	561	119	442	1,768	7,152
Parry Sound.....	T. W. Keating.....	206	206	.....	3,847	.....
Simcoe.....	O. Robertson.....	70	30	40	635	558
St. Catharines.....	I. J. Dun'las.....	205	53	152	2,159	2,542
Sarnia.....	J. N. Dodd.....	220	42	178	797	4,122
Stratford.....	A. T. Trethewey.....	106	44	62	850	1,617
Sandwich.....	W. A. Wanless.....	899	136	763	4,747	12,409
St. Thomas.....	W. F. Luton.....	129	50	79	888	1,203
Sault Ste. Marie.....	R. M. Hearst.....	205	205	.....	8,575	.....
Sudbury.....	J. Sullivan.....	1,062	290	772	1,815	6,927
Toronto.....	G. H. Basher.....	7,264	1,871	5,393	10,000	26,200
Walkerton.....	W. Hyndman.....	47	20	27	709	510
Woodstock.....	R. G. Forbes.....	98	38	60	951	918
Welland.....	J. Kottmeier.....	394	118	276	2,707	4,127
Whitby.....	J. Stiner.....	145	97	48	1,455	1,259
Totals.....	.....	18,033	5,879	12,154	102,982	137,648

No. 5

salaries of various gaol officials for the year ended 30th September, 1925.

Expenditure.					Salaries.														
Cost of fuel, food and clothing		Cost of official salaries.		Cost of repairs.		Total gaol expenditure for the year.		Average cost per prisoner for entire gaol expenditure.		Gaolers.		Turnkeys, etc.		Matrons.		Gaol surgeons.			
\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
2,621	30	3,141	00	2	50	5,764	80	1	95	1,100	00	1,241	00	500	00	300	00		
3,418	60	2,000	00	50	00	5,468	00	1	35	700	00	650	00	400	00	250	00		
1,749	26	3,926	12			5,675	38	1	49	1,300	00	1,805	62	407	50	413	00		
775	86	1,670	00	25	60	2,471	51	3	20	8,720	00	600	00	250	00	100	00		
1,528	05	2,312	50	77	02	3,917	57	95		1,150	00	812	50	200	00	150	00		
555	82	1,200	00	34	60	1,790	42	94		900	00			150	00	150	00		
959	92	1,761	00			2,720	92	2	57	1,350	00	45	00	200	00	166	00		
1,241	37	2,559	16	377	21	4,177	74	2	07	1,500	00	600	00	309	16	150	00		
2,841	02	2,337	40	277	29	5,455	71	2	17	1,000	00	874	40	263	00	200	00		
2,799	36	3,550	00	258	36	6,607	72	93		1,000	00	1,930	00	420	00	200	00		
833	10	2,400	00			3,233	01	99		900	00	1,200	00	300	00				
1,047	83	1,945	00	54	48	3,047	31	1	03	800	00	800	00	225	00	120	00		
444	37	2,250	00			2,694	37	1	45	900	00	850	00	300	00	200	00		
1,409	41	1,160	37	72	09	2,641	87	1	86	504	35	363	50	292	52				
3,406	00	11,380	00	890	00	15,676	00	1	04	1,700	00	8,500	00	600	00	580	00		
2,208	42	4,134	00	150	00	6,492	42	2	03	1,500	00	1,934	00	400	00	300	00		
1,834	92	2,592	50	164	77	4,592	19	1	46	1,100	00	942	50	400	00	150	00		
2,324	98	2,353	00			4,677	98	1	76	900	00	1,053	00	200	00	200	00		
2,815	61	1,003	92	54	37	13,873	90	1	51	2,090	00	7,050	60	1,463	32	400	00		
1,322	80	2,401	00	123	29	3,847	09	1	24	945	00	1,105	00	251	00	100	00		
613	83	1,830	00			2,443	83	1	29	750	00	730	00	250	00	100	00		
705	70	1,650	00	20	00	2,375	70	76		800	00	600	00	200	00	50	00		
490	52	1,275	00	570	00	2,275	02	3	33	1,000	00			200	00	75	00		
3,265	98	5,836	50	60	79	9,163	27	1	74	900	00	4,564	00	222	50	150	00		
11,942	58	8,920	58	477	76	21,340	92	1	25	2,300	00	557	58	680	00	365	00		
1,971	00	2,650	00	25	00	4,616	00	1	51	1,200	00	900	00	300	00	250	00		
1,600	00	1,525	00	66	00	3,191	00	98		1,000	00			400	00	125	00		
797	54	2,382	00	152	87	3,332	41	1	04	1,000	00	800	00	482	00	100	00		
601	76	975	00	224	94	1,801	70	2	54	700	00			200	00	75	00		
1,216	73	3,028	75			4,245	48	1	79	1,700	00	1,003	75	225	00	100	00		
851	46	2,050	00			2,901	46	1	01	900	00	800	00	200	00	150	00		
4,104	12	6,920	00			11,024	12	1	23	1,280	00	4,648	00	480	00	512	00		
1,480	82	2,350	00	75	00	3,905	82	1	01	900	00	1,100	00	200	00	150	00		
1,111	83	2,125	00	40	05	3,276	88	2	74	840	00	960	00	250	00	75	00		
2,582	48	2,850	00	205	85	5,638	33	1	19	1,200	00	1,200	00	300	00	150	00		
2,597	46	2,475	00	100	00	5,172	46	1	05	1,075	00	800	00	400	00	200	00		
1,524	87	2,566	00	60	41	4,151	28	1	68	1,000	00	956	00	460	00	150	00		
6,394	31	7,750	86			14,145	17	82		1,500	00	5,124	94	625	00	500	92		
1,676	55	2,736	00			4,412	55	2	11	1,000	00	1,251	00	335	00	150	00		
4,724	35	3,911	62	446	27	9,082	24	1	06	1,000	00	2,162	42	449	20	300	00		
1,890	74	5,232	50			7,123	24	81		1,000	00	3,832	50	250	00	150	00		
14,526	51	32,240	72	2,524	16	49,291	69	96		7,764	32	22,122	00	3,854	40	1,500	00		
548	60	1,750	00	750	00	3,048	60	2	50	800	00	650	00	250	00	50	00		
1,533	31	2,422	00	488	48	4,343	79	2	33	900	00	980	00	342	00	200	00		
3,187	55	3,650	50	428	01	7,266	06	1	06	1,100	00	2,000	50	350	00	200	00		
2,155	65	2,367	20	322	73	2,367	20	88		800	00	1,217	20	200	00	150	00		
1,984	00	4,856	68	44	81	6,885	49	73		1,166	67	3,263	34	166	67	250	00		
112,217	86	184,403	88	8,630	76	306,256	50	1	27	54,635	34	99,608	35	19,803	27	10,356	92		

TABLE No. 6

Showing the total number of prisoners who were in the several gaols in the Province on the evening of the 30th September, 1926, and the nature of their imprisonment; also number of cells in each gaol.

Name of Gaol.	Classification.				Nature of Imprisonment.					Total number of persons who remained in custody 30th Sept., 1926.	Total number of cells.	
	Men.	Women.	Boys under 16 years.	Girls under 16 years.	Waiting trial.	Under sentence for periods of 2 months and under.	Under sentence for periods over 2 months.	In default of sureties to keep the peace.	Insane, idiotic, or imbecile persons.			Otherwise detained.
Barrie.....	7				3	1	1		2		7	23
Belleville.....	6				1	3	1		1		6	30
Brantford.....	8	1			1	2	6				9	24
Brampton.....	2					1	1				2	24
Brockville.....	7					4	3				7	33
Bracebridge.....	3	1				2	2				4	15
Cayuga.....	2					1	1				2	12
Cornwall.....	6	1			2	1	4				7	17
Cobourg.....	6	1			2	1	4				7	24
Chatham.....	21	1			6	11	4		1		22	38
Fort Frances.....	8	2				2	6		1	1	10	10
Goderich.....	8				1	1	6				8	12
Guelph.....	7				3		3		1	2	7	18
Gore Bay.....	2	1	4				3				3	12
Haileybury.....	33	6			3	8	28				39	32
Hamilton.....	36	3			4	31			4		39	60
Kingston.....	5	1			1	3	2				6	49
Kitchener.....	5	6			6	1	4				11	20
Kenora.....	6	1				5	2				7	14
London.....	19	4			5	14	3		1		23	57
Lindsay.....	7	1			1	1	4		2		8	24
L'Original.....	5				2	1	2				5	18
Milton.....	8	1			8		1				9	20
Napanee.....	1	1				1				1	2	18
North Bay.....	15	1			6	3	3		4		16	29
Ottawa.....	33	3			9	11	8			8	36	93
Owen Sound.....	7					6	1				7	32
Orangeville.....	7	1				1	6		1		8	22
Perth.....	9				2	2	5				9	18
Picton.....	3	1				1	3				4	18
Pembroke.....	4					3	1				4	24
Peterborough.....	9	1			6	2	2				10	18
Port Arthur.....	13	5			5	5	7		1		18	73
Parry Sound.....	8	4			2	3	6		1		12	22
Simcoe.....	2	2			2		2				4	17
St. Catharines.....	17	2			8	7	4				19	36
Sarnia.....	13	1			1	2	11				14	13
Stratford.....	7				2	3	1			1	7	30
Sandwich.....	51	4			12	26	16		1		55	109
St. Thomas.....	7				4	2	1				7	16
Sault Ste. Marie.....	19	4			7	5	10		1		23	23
Sudbury.....	21	2			6	13	1		3		23	22
Toronto.....	95	11			58	30	17		1		106	270
Walkerton.....	2	1			1		2				3	24
Woodstock.....	8	1			3		5		1		9	32
Welland.....	19	1			8	7	5				20	39
Whitby.....	11	1			5	4	3				12	28
	598	78			196	231	211		23	15	676	1,610

TABLE No. 7

Showing the number of escapes and deaths, the revenue derived from prison labour, the cost of diet, the accommodation of the various gaols and the highest and lowest number of prisoners in custody during the year ending September 30th, 1925.

Name of Gaol.	Prisoners who escaped and evaded recapture.	Prisoners who escaped and were re-captured.	Prisoners who died.	Number of cells in each gaol.	Greatest number of prisoners confined in gaol at any time during the year.	Lowest number of prisoners confined in gaol at any time during the year.	Actual cash revenue derived from prison labour.	Cost of daily rations for prisoners.
							\$ c.	Cents
Barrie.....				23	16	2		18.04
Belleville.....				38	22	4		18.64
Brantford.....				24	21	5		16.00
Brampton.....				24	6			14.25
Brockville.....				33	21	4		17.35
Bracebridge.....				15	8			15.00
Cayuga.....	1			12	7	1		18.66
Cornwall.....				17	13	1		18.75
Cobourg.....				24	23	1		18.50
Chatham.....	1	1		38	34	5		11.25
Fort Frances.....				10	17	5		18.00
Goderich.....				12	17	5		13.33
Guelph.....				18	12	1		23.25
Gore Bay.....				12	7	2		45.00
Haileybury.....				32	49	1		21.10
Hamilton.....				60	75	16		15.93
Kingston.....		1		49	19	1	1,500 00	17.25
Kitchener.....		1		20	20	3		15.52
Kenora.....				14	13	4		19.40
London.....				57	48	10		13.06
Lindsay.....	1			24	15	2		12.69
L'Orignal.....		1		18	9	2		22.00
Milton.....				20	20	3		16.46
Napanee.....				18	7			14.64
North Bay.....				19	29	5		15.75
Ottawa.....				93	72	31	884 21	16.99
Owen Sound.....		3		32	19	1		20.46
Orangeville.....		1	3	22	14	6		20.00
Perth.....				18	19	2		15.00
Pictou.....				18	6	1		13.00
Pembroke.....				24	15	1		14.00
Peterborough.....				18	14			19.50
Port Arthur.....				73	31	11		19.50
Parry Sound.....				22	20	4		21.42
Simcoe.....				17	12			16.75
St. Catharines.....				36	26	4		15.50
Sarnia.....				13	24	6		17.00
Stratford.....				30	13	2		13.02
Sandwich.....				109	65	22		15.40
St. Thomas.....				16	12	2		12.20
Sault Ste. Marie.....				23	44	17		22.00
Sudbury.....	1	1		22	60	9		21.75
Toronto.....			1	270	174	71		20.00
Walkerton.....				24	9			16.00
Woodstock.....				32	22			16.49
Welland.....				39	41	8		15.66
Whitby.....				28	18	1		18.25
Totals.....	4	9	4	1,610	1,238	282	2,384 21	Av17.64

TABLE No. 8

Showing the daily cost per prisoner in each of the gaols, excluding the District Lock-ups, for the year ending September 30th, 1925.

Name of Gaol.	Number of prisoners committed during the year.	Total days' stay of prisoners during the year.	Cost of fuel, food and clothing.	Average cost per day for each prisoner
			\$ c.	Cents.
Barrie.....	130	2,960	2,621 30	88.56
Belleville.....	231	4,036	3,418 00	84.69
Brantford.....	202	3,803	1,749 26	45.99
Brampton.....	80	773	775 86	100.00
Brockville.....	154	4,140	1,528 05	36.96
Bracebridge.....	38	1,907	555 82	23.90
Cayuga.....	54	7,056	959 92	90.80
Cornwall.....	120	2,022	1,241 37	61.44
Cobourg.....	130	2,515	2,841 02	112.96
Chatham.....	334	7,201	2,799 36	38.96
Fort Frances.....	194	3,281	833 01	25.39
Goderich.....	98	2,962	1,042 83	35.37
Guelph.....	101	1,857	444 37	23.93
Gore Bay.....	20	1,420	1,409 41	99.18
Hamilton.....	845	15,083	3,406 00	22.58
Haileybury.....	250	9,399	1,984.00	21.11
Kingston.....	116	3,199	2,208 42	19.03
Kitchener.....	182	3,147	1,834 92	58.31
Kenora.....	95	2,657	2,324 98	87.51
London.....	748	9,163	2,815 61	30.72
Lindsay.....	97	3,094	1,322 80	42.78
L'Orignal.....	40	1,888	613 83	32.59
Milton.....	165	3,122	705 70	22.60
Napanee.....	61	683	490 52	71.82
North Bay.....	410	5,261	3,265 98	62.08
Ottawa.....	975	17,020	11,942 58	70.16
Owen Sound.....	117	3,086	1,971 00	63.87
Orangeville.....	62	3,207	1,600 00	48.97
Perth.....	59	3,218	797 54	24.78
Picton.....	55	709	601 76	84.87
Pembroke.....	69	2,372	1,216 73	51.29
Peterborough.....	190	2,805	851 46	29.51
Port Arthur.....	561	8,920	4,104 12	46.01
Parry Sound.....	206	3,847	1,480 82	38.49
Simcoe.....	70	1,193	1,111 83	93.11
St. Catharines.....	205	4,700	2,582 48	54.93
Sarnia.....	220	4,919	2,597 46	52.80
Stratford.....	106	2,467	1,524 87	61.81
Sandwich.....	954	17,156	6,394 31	37.27
St. Thomas.....	129	2,091	1,676 55	80.18
Sault Ste. Marie.....	205	8,571	4,724 35	55.12
Sudbury.....	1,062	8,742	1,890 74	21.63
Toronto.....	7,264	36,200	14,526 81	40.13
Walkerton.....	47	1,219	548 60	45.00
Woodstock.....	98	1,869	1,533 31	82.04
Welland.....	394	6,834	3,187 55	46.64
Whitby.....	145	2,714	2,165 65	79.43
Totals.....	18,033	240,630	112,217 86	46.64

INDUSTRIAL FARM, FORT WILLIAM

December 1st, 1926.

I have the honour to present herewith the annual statistical report for this institution for the year ending October 31st, 1926.

There has been very little variation in our commitments as compared with the previous year. We had 308 men committed in the fiscal year ending October 31st, 1925, and 312 in 1926.

The general health of the population has been good throughout the year. We have had no deaths or epidemics and only a minimum of sickness of any kind.

We have been able to keep all our population busily employed during the year and as a result the discipline has presented few problems. In addition to the routine of the farm work we have cleared and brought under cultivation thirty acres of heavy bush land.

The growing season has been good and our acreage in crop gave heavy yields, but owing to the extremely wet fall considerable difficulty was experienced in saving our grain, root and silage crops.

Our Holstein herd is gradually being improved by breeding and selection. During the past year the herd was entered in the Record and Performance work supervised by the Dominion Department of Agriculture and the cows that have finished their test have shown a high average yield. One cow, "May Queen Rauwerd," has an official record of 30,036 pounds of milk for 365 days. The surplus young stock from this herd is sold to the farmers of the district as foundation breeding stock and in this way the class of dairy cattle in this area is gradually being improved.

The guards of this institution are to be congratulated. For the first time on record there have been no escapes from this institution during the fiscal year.

I am glad to take this opportunity of expressing my appreciation to yourself, the officers of your department and the staff of this institution for courteous and efficient assistance in the carrying on of the work here. The local unit of the Salvation Army, Rev. D. McIvor, and various other local organizations have contributed materially toward the social and religious welfare of the population and are deserving of our thanks and commendation for the good work that has been done.

H. M. MCELROY,
Superintendent.

The Deputy Provincial Secretary,
Toronto.

TORONTO MUNICIPAL FARM

Langstaff, Ont., December 10th, 1926.

A. R. MCPHERSON, ESQ.,

Inspector of Prisons,

Parliament Buildings, Toronto, Ont.

Sir:—

I have the honour to submit herewith my tenth annual report and in doing so I wish to point out that this has been one of the most successful years in the history of the institution from a medical and health standpoint. The medical statistics for the year showing a reduction in alcoholism, drug addiction, epilepsy, insanity; a slight increase in tuberculosis and other diseases with a marked reduction in surgical and other cases and there has been no epidemic disease during the year; in the venereal diseases department there is a marked decrease in the number of cases compared with preceding years.

During the year under review, 2,832 males, an increase of eighty-four, and 222 females, an increase of two over the previous year, passed through the institution; there were nine deaths, all of aged men; there was only one escape from the institution during the twelve months; this one was traced across the border where trace of him was lost.

The discipline of the institution remains excellent, only twenty-four cases being tried in the orderly room during the year.

I have the honour to call to your attention again the recommendation made last year for the sunroom tuberculosis ward over the verandah at the south end of No. 1 Building. There has been an increase in tuberculosis this year and the need is now more apparent.

A tubercular patient should not be domiciled in the same dormitory with others and should sleep in a cold room. As our accommodation is limited it is necessary now to house contagious T.B. cases with other inmates in the dormitories.

I beg to bring to your attention the fact that the executives of this institution are not paid on a scale equal to other institutions in the Province; the sergeants (day and night) being on the same basis as the guards under them, while other executives are the lowest paid of any institution in the Province. This is due to the dual control system and an attempt should be made to have this corrected as the principle is not sound nor conducive to good management.

This institution, unlike others in the Province, does not come under the jurisdiction of the Ontario Civil Service Commission for retiring allowances, etc. There is no principle established on which an aged employee can be retired after many years of service and this necessitates the keeping on the pay roll men and women past a safe period. This feature should be brought to the attention of the Civil Service Commission so that the institution may be co-ordinated with others for pay, promotion and retiring allowances.

I would again point out that there are a large number of prisoners who are continually in the courts for the same offences and the sentences given are very short ones; this does not give much opportunity for reformatory work in such cases.

In conclusion, Sir, permit me to thank you and other officers of the Department for your continued interest in the welfare of the institution which is sincerely appreciated.

I also wish to again thank publicly all those earnest workers who have continued their efforts for the spiritual and social well being of the institution; among these I beg to mention Canon J. C. Davidson, Church of England; Adj. Moat and Captain J. A. McElhiney, of the Salvation Army; Mr. Woolnough and other workers of the Christian Science Church; Mr. Fred Graham and members of the Y.M.C.A.; Captain T. C. Flanagan and friends who provided a turkey dinner for the old men of the institution at Christmas, and Mr. J. P. Bickle who provided a moving picture machine for the use of the institution; to all of these and many others I wish to express my gratitude.

All of which is respectfully submitted.

I have the honour to be, Sir,
Your obedient servant,

W. J. MORRISON,
Superintendent.

MERCER REFORMATORY

Toronto, December 9, 1926.

Sir:—

I have the honour to submit the annual report for the Andrew Mercer Reformatory for the year ending October 31st, 1926.

These statistics vary but little from those of a year ago. While the number of entrants, 129, is less than the number, 196, for the previous year, the average daily population has not decreased. The short term of six months seems still in favour with some magistrates, in spite of repeated statements that short terms are of little advantage to the prisoner in an institution of this character.

The following statistics of the ages of the women received here are a sad commentary on the care being given to growing girls. During the year just closed, 39 of the 152 received were in their 'teens, 70 were between the ages inclusive of 20 to 30, 32 between 31 and 40, 9 between 41 and 50. There were only two over 50 years of age.

The commitments show the large number of 22 committed for being keepers of houses of ill-fame—usually places where liquor also is sold illicitly. There are 67 guilty of offences that practically mean prostitution, and 11 for neglect of children.

Regarding those released from the institution, I beg to draw your attention to the fact that there is no follow-up work for these too often friendless ones who require, at the time of leaving the institution more than at any other time in their lives, an earnest, helpful friend. You will note that 15 only of the 124 released during the year were placed on parole. For these 15 there is no supervision of a woman officer, and the 109 were without supervision or restraint of any kind.

A very much better condition prevailed regarding those discharged from the institution when we had a field officer on the staff of the Reformatory. This officer had an opportunity of studying inmates as they served their sentences in the Reformatory. She was acquainted with the causes of their coming to this institution, she visited their homes, knew their former environments, and she was thus able to advise wisely and protect them from many of the dangers and temptations which had brought about their fall. In the case of those paroled, she was in very close touch with their employers, was able to counsel the

employer in any difficulty, and also protect the employee from any injustice. Since the Board of Parole is averse to employing a woman parole officer, I strongly recommend that the position of field officer be re-opened in this institution, so that all women discharged can be properly helped, warned, and, if necessary in the case of those paroled, returned to the institution for further correction.

I regret that this report registers the death of three members of the staff—Mr. Caston, November 27, 1925, who was killed while on his way to his duties as night-watch in the institution; Mr. Wm. McGee, whose death occurred April 26, 1926. A respected and efficient member of our staff, Miss Ainslie, after a short illness, was called to her reward on May 23, 1926.

The friends of the institution have been thoughtful in giving treats to the inmates during the year, and I take this occasion to thank them most heartily.

I have the honour to be, Sir,

Your obedient servant,

EMMA O'SULLIVAN,

Superintendent.

The Honourable Lincoln Goldie,
Provincial Secretary,
Parliament Buildings, Toronto.

REPORT OF THE SALVATION ARMY

The work carried on by the Salvation Army for prisoners and for their families deserves special recognition. Much of this work cannot be described either by figures or by words. Its value is social and spiritual rather than financial or statistical. It is sufficient to call attention to a few of the outstanding features which are significant of the wide field of their operations.

TABLE SHOWING SERVICES PERFORMED BY SALVATION ARMY

Interviews with prisoners.....	21,473
Prisoners remanded to care of Salvation Army.....	364
Visits to police courts, to prisoners and to their families.....	7,834
Clothing supplied to prisoners and to their families.....	\$9,312 00
Work found for prisoners.....	17,523
Food supplied:	
Baskets.....	950
Meals.....	4,658
Families.....	654
Rents paid and Christmas gifts.....	\$2,014 25
Letters written for prisoners.....	6,863
Fines paid for prisoners.....	\$8,486 55

PRISON WORK—YEAR ENDED SEPTEMBER 30TH, 1926

Assistance to prisoners and families, including payment of rent.....	\$3,648 95	By Grant from Province of Ontario.....	\$5,500 00
Baskets of food to prisoners' dependents.....	2,024 76	By Grant from City of Toronto..	2,318 00
Administration expenses.....	400 00	By Municipal Grants.....	449 42
Travelling and incidental expenses.....	905 07	By Sundry Income.....	1,918 25
Printing, stationery, telephones..	72 43	By Deficit from the Salvation Army Fund.....	4,275 15
Rent of office.....	138 00		
Rent of officer's quarters.....	1,523 52		
Salaries of officers.....	5,748 09		
	<u>\$14,460 82</u>		<u>\$14,460 82</u>

TABLE

Showing the number of prisoners in custody at 31st October, 1925, the
the number in custody

	In custody at 31st Oct., 1925	Committed during year.	Total number in custody.	Discharged on ex- piration of sentence.	Discharged by ticket-of-leave.	Discharged by Parole Board.	Discharged by payment of fines.
Ontario Reformatory—Guelph.....	579	840	1,419	513	15	250	14
Ontario Reformatory—Clay Plant, Mimico.....	87	191	278	118	7	35	10
Industrial Farm—Burwash.....	328	876	1,154	649	14	85	21
Industrial Farm—Fort William.....	23	312	335	242	1	5	36
Industrial Farm—Langstaff (males).....	231	2,601	2,832	2,371	2	11	201
Industrial Farm—Concord (females).....	42	178	220	121	1	9	34
Mercer Reformatory—Toronto.....	152	152	307	107	....	17	....
Totals.....	1,442	5,100	6,542	4,121	40	412	316

No. 1

number received during the year, the number discharged, died, etc., and at 31st October, 1926.

Discharged by remission of sentence.	Discharged by Order-in-Council.	Discharged by Minister of Justice.	Conditional discharges.	Other reasons.	Escaped.	Returned to gaols.	Transferred to penitentiary.	Transferred to hospitals for insane.	Transferred to provincial institutions.	Released on Writ of Habeas Corpus.	Died while in custody.	Remaining in custody at 31st October, 1926.
5			67	18	3		5	2	2		1	524
1			9		3				8			87
	3		26	40	8		7	9			5	293
	2			2		7						40
	11	9		3	1	8			2		9	204
	3	6				2			1			43
				7								173
6	19	15	96	70	15	17	12	11	13		15	1,364

TABLE No. 2.

Showing Social Conditions.

Married.....	1,878
Single.....	3,222
	<hr/>
	5,100

TABLE No. 3.

Showing the Educational Status.

Read and write.....	4,573
Neither read nor write.....	527
	<hr/>
	5,100

TABLE No. 4.

Showing the Habits of Prisoners.

Temperate.....	1,555
Intemperate.....	3,545
	<hr/>
	5,100

TABLE No. 5.

Showing the Religions of Prisoners.

Anglicans.....	1,183
United Church.....	577
Presbyterians.....	842
Roman Catholics.....	1,934
Other religions.....	764
	<hr/>
	5,100

TABLE No. 6.

Showing the Length of the Sentences.

One month (or less).....	2,345
Two months.....	374
Three months.....	407
Four months.....	275
Five months.....	55
Six months.....	409
Eight months.....	16
Nine months.....	28
Ten months.....	3
One year.....	149
Fifteen months.....	13
Two years.....	69
Indefinite sentences.....	957
	<hr/>
	5,100

TABLE No. 7.

Showing the Nationalities of the Prisoners.

Canadians.....	3,152
English.....	483
Irish.....	268
Scotch.....	288
United States.....	167
Other nationalities.....	742
	<hr/>
	5,100

TABLE No. 8.

Showing the Crimes for which Prisoners were Committed.

Crimes against the person:

Assault.....	115	
Cutting, wounding, stabbing, shooting.....	8	
Manslaughter.....	4	
Murder.....	0	
Rape.....	0	
Attempted suicide.....	0	
Non-support.....	35	
		162

Crimes against property:

Arson and incendiarism.....	3	
Burglary, housebreaking and larceny.....	783	
Forgery.....	34	
Fraud and false pretences.....	159	
Receiving stolen goods.....	37	
Trespass.....	100	
Miscellaneous.....	87	
		1,203

Crimes against public morals and decency:

Bigamy.....	11	
Inmates of houses of ill-fame.....	35	
Keeping houses of ill-fame.....	40	
Perjury.....	1	
Seduction.....	36	
Indecent assault.....	49	
Miscellaneous.....	103	
		275

Offences against public order and peace:

Escaping and obstructing constables.....	18	
Carrying unlawful weapons.....	10	
Drunk and disorderly.....	1,777	
Breaches liquor law.....	620	
Breaches Inland Revenue Act.....	45	
Breaches Drug Act.....	31	
Vagrancy.....	619	
Other offences.....	340	
		3,460

TABLE No. 9.

Showing the Occupations of Prisoners when Committed.

Agricultural.....	298
Commercial.....	636
Domestic.....	296
Labourers.....	2,148
Mechanics.....	1,242
Professional.....	208
No occupation.....	272
	5,100



ONTARIO

THIRTY-THIRD ANNUAL REPORT

NEGLECTED AND DEPENDENT CHILDREN
OF ONTARIO

FOR THE YEAR

1926

Dealing with the Children's Protection Act, the Unmarried
Parents' Act, and the Legal Adoption Act

Toronto, February 28th, 1927

TO HIS HONOUR WILLIAM D. ROSS,
Lieutenant-Governor of the Province of Ontario.

May it Please Your Honour:

The undersigned has the honour to present to your Honour the Thirty-third Annual Report under The Children's Protection Act of Ontario, and the Fourth Annual Report under The Adoption Act, 1921, and The Children of Unmarried Parents' Act, 1921.

Respectfully submitted,

L. GOLDIE,
Provincial Secretary.

TORONTO, February 25th, 1927

HONOURABLE LINCOLN GOLDIE,
Provincial Secretary,
Parliament Buildings, Toronto.

SIR,—

I have the honour to transmit herewith the Thirty-third Annual Report under The Children's Protection Act of Ontario, and the fourth annual Report under the Adoption Act, 1921, and the Children of Unmarried Parents' Act, 1921.

I have the honour to be, Sir,

Your obedient servant,

J. J. KELSO,
Superintendent and Provincial Officer.

INTRODUCTION

This work for the neglected and dependent children of Ontario has now been carried on for thirty-four years, and the knowledge gained through the experience of this long period is helpful, yet there are ever new problems demanding solution. As no one human being is exactly like any other human being, so their problems are not exactly the same, though there are points of similarity, and experience gives one a key to these problems which it would be difficult to obtain in any other way. During these years the Children's Aid Societies of the province have had placed under their care a total of 26,557 children, and have touched, more or less effectively, the lives of probably ten times as many more. For many years the Children's Aid Societies and industrial schools performed the work of dealing with the neglected, dependent, and delinquent children of the province, and then two Acts were placed on the Statute Book which are practically extensions and co-relatives of the Children's Protection Act, under which the Children's Aid Societies do their work. These new Acts are: For the Protection of the Children of Unmarried Parents, and respecting the Adoption of Children. The "Unmarried Parents' Act," is for the assistance of unmarried mothers who may bring suit through the provincial officer against the putative father of their child, and if his responsibility is established, he is assessed a certain amount per week, or a lump sum, which is used for the maintenance of the child. The first apparent effect of this legislation is that the father of a child born out of wedlock is made to bear a share with the mother of responsibility for their wrong-doing, and the public does not, as in the past, bear the entire cost for the rearing of these children in orphanages and charitable institutions. The Act for the Adoption of Children has the effect of quieting the apprehensions of some foster parents who have taken children with the intention of rearing them as their own, and who have constant fears that their child will be taken from them. When the child is legally adopted to them, these parents may go ahead with their plans for the future, the same as they would if the child had been born to them.

It is gratifying to know that this work of the Children's Aid Societies and kindred activities continues to be well supported by the public generally and by those who enroll themselves as members. The list of chief officers of the fifty-five Societies engaged in the work, which will be found in the body of this report, is an illustration of the fact that Christian and all other manner of men and women are united in an effort to combat the effects of misfortune, neglect, and evil environment in childhood which, in too many cases, have as a result, a manhood of dependence, bad conduct and crime. These latter, in addition to the evil effect they have on the community, are costly to an extreme degree.

One is sometimes a little discouraged with the results attained after all these years of effort, but one is also appalled by the thought of what would be the conditions without these efforts. Life is more complicated now than it was a few years ago, and for every effort put forth to combat a bad condition, another evil

springs up in its place. Especially is this so in large centres of population which have so many sources of distraction from all of which it is impossible that children may be immune.

However, there are almost innumerable cases of positive good accomplished in the lives of those children who have been brought under the care of Children's Aid Societies, and there is no doubt that the twenty-six thousand children who have been made wards of these societies have had their chances for the future bettered by the work done for them.

In computing the proportions of this work, it is well to bear in mind a remark made by Kipling in the preface to one of his earlier volumes of stories about India. He said, in effect, it might be thought because of the complexion of these stories that conditions among the people whose lives he was portraying were not very elevating, but that he was telling some of the unusual stories and if one were to carefully sweep out the corners of a room which might otherwise appear clean, one would likely gather together an impressive quantity of dirt. Similarly there is a lot of evil and wrong-doing in the world, but the people are in the main honest, right-living, generous, and charitable, and if it were not so we would be in a bad way.

Before finishing this introduction it would be well to emphasize that the chief work of Children's Aid Societies is an endeavour to keep families together and, as far as possible, to prevent their disruption by making neglected children wards of their societies or committing delinquent children to reform schools. This is a very satisfactory and important part of their work, the results of which do not show in figures, but it has a far-reaching effect and is carried out faithfully by the fifty-five local officers of Children's Aid Societies who are supported and advised by the better element of the communities of which they form a part.

JUVENILE DELINQUENTS

Juvenile delinquency is a serious problem, and it is obvious to all persons interested in child welfare that in the smaller municipalities the local superintendent of the Children's Aid Society is the best fitted person to deal with the children who have in a greater or lesser degree broken the law. This officer through his association with the people of the district comes directly in contact with the home, and this is usually the source of delinquency. The parents are so often indifferent to their responsibility and permit their offspring to associate with any one whom they meet. There is no restraining influence brought to bear upon the child, the result being a drifting with the tide, which carries them on until they land in the children's shelter or the juvenile court. The value of the Children's Aid Society is recognized by all juvenile court judges, who are men interested in the reclamation of the delinquent child, and are anxious that each child shall receive just and fair treatment. Their judgment as to the value of the Children's Aid Society as a buffer has been more than proven, when instead of

a committal to the industrial school they have ordered the delinquent child to report weekly to the local superintendent.

An illustration: At one society's office, sixty-five children had to visit weekly and have their cards signed by the superintendent. Any of these boys might have been sent to the industrial school, but a wise judge and a sympathetic local superintendent had saved these children from the disgrace of a reformatory term.

Recently a young girl of fifteen was brought before the court as incorrigible. The girl was placed in the care of the Children's Aid Society and transferred to the Provincial Superintendent who was able to place the girl in a splendid home where she is making good. Wisdom and good sense has saved this girl, giving her the chance to redeem herself.

The following Juvenile Courts have been constituted in Ontario though there are many places where the work is being done without the Juvenile Delinquents Act being proclaimed:

Judges—H. S. Mott, Toronto.

S. Atkinson, Timiskaming.

J. A. Makins, Stratford and Perth County.

J. J. A. Weir, Kitchener and Waterloo County.

Judge A. D. Hardy, Brantford and Brant County.

J. F. McKinley, Ottawa.

J. R. Blake, Galt.

A. D. Creasor, Owen Sound and Grey County.

Rev. G. Quinton Warner, London and Middlesex County.

A. D. Bowlby, Windsor, Walkerville and Ford.

C. A. Reid, Goderich and Huron County.

Judge Campbell, St. Catharines and Lincoln County.

Col. J. G. Massie, Dunnville and Haldimand County.

PAST AND FUTURE

The aim and motive of the Children's Aid Society for the thirty-four years of its existence has been, an opportunity for every child. There has been no deviation from this course, hewn out at the beginning. The seed sown at the outset has produced a tree whose branches represent all the activities that have been beneficial for the child and the normal home life. Juvenile courts, Mothers' Allowance Act, Workmen's Compensation Act, Legal Adoption Act, and Unmarried Parents Act. In addition to these, medical examination of children and free dental clinics have been brought into effect in the schools of the province. The Children's Aid Society has always been a domestic relations court, and many families have been rehabilitated through the sound judgment of our local superintendents, who realize that it is in the best interest of the province to keep the home intact and the province and municipalities have been saved many thousands of dollars yearly. There is much to be done, but the future is bright, as the several Acts are being put into effect. Indifferent parents are realizing that they must care for their children or face the risk of deprivation. The fear that the child may be removed acts as a strong incentive to make one more effort, and in many instances, the last effort is a successful one.

CHILDREN MADE WARDS

The number of children made wards of the societies by order of the courts during 1926 was 809, of which number 620 were Protestant and 189 Roman Catholic.

This makes a total of 26,557 children made wards since 1893 in addition to 65,500 children indirectly provided for in various helpful ways.

Protestant children visited and reported upon during 1926, 5,921.

Roman Catholic children visited and reported upon during 1926, 898.

COMPARISON WITH OTHER YEARS

Made wards in 1925.....	977
Made wards in 1924.....	773
Made wards in 1923.....	786
Made wards in 1922.....	790

Sex of children made wards during 1926, male 415; female, 394.

Age as follows:—

Born 1926.....	62	Born 1916.....	46
Born 1925.....	84	Born 1915.....	44
Born 1924.....	69	Born 1914.....	45
Born 1923.....	42	Born 1913.....	42
Born 1922.....	55	Born 1912.....	51
Born 1921.....	51	Born 1911.....	34
Born 1920.....	47	Born 1910.....	13
Born 1919.....	50	Born 1909.....	1
Born 1918.....	34	Unknown.....	3
Born 1917.....	36		

HOW DEALT WITH

Placed in foster home.....	256
Placed in Shelter.....	312
Placed with parents on probation.....	95
Placed with relatives (other than parents).....	27
Placed in infants' homes.....	10
Placed in orphans' homes.....	24
Placed in girls' homes.....	1
Placed in boys' homes.....	1
Placed in Salvation Army Home.....	6
Placed in detention home.....	1
Placed in hospital.....	2
Placed in industrial schools.....	8
Placed in Home for Incurable Children.....	1
Placed in Bowmanville School.....	1
Placed in the Haven.....	1
Boarding.....	46
Died.....	6
Legally adopted.....	11

CHIEF REASON FOR COMMITTAL

Parental History

Desertion.....	133
Poverty.....	23
Imprisonment.....	41
Death.....	118
Separation.....	35
Neglect.....	71
Immorality.....	57
Feeble-mindedness and insanity.....	13
Cruelty.....	2
Born out of wedlock.....	182
Parents incapable and home unfit.....	32
Voluntary release of guardianship.....	2
Parents living together unmarried.....	5
Lack of salutary parental control.....	39

Child's History

Incorrigibility, truancy and theft.....	47
Immorality.....	7
Incurable disease.....	1
In need of surgical treatment.....	1

Of the 809 children made wards during the year, 182 were born out of wedlock.

Four children were committed to the Soldiers' Aid Commission.

NATIONALITY OF PARENTS

	Father	Mother	Both
American.....	12	2	5
Austrian.....	...	1	4
Bulgarian.....	1	...	...
Canadian.....	78	135	239
Chinese.....	5	...	...
English.....	38	70	57
Finnish.....	...	1	8
French.....	6	...	6
French-Canadian.....	14	17	32
Galician.....	2	2	...
German.....	5	1	3
Hungarian.....	...	3	1
Indian.....	1	5	...
Italian.....	3	...	1
Polish.....	2	2	9
Roumanian.....	1	...	7
Russian.....	...	...	9
Scotch.....	34	15	10
Swiss.....	1	1	...
Ukrainian.....	2	1	5
West Indian.....	1	1	...
Welsh.....	1	1	...
Irish.....	13	16	1
Lithuanian.....	...	1	...
Unknown.....	118	70	69

During the year 1926 there were 669 Protestant children released from supervision and 176 Roman Catholic children.

WARDS RELEASED FROM SUPERVISION DURING THE YEAR 1926

		PROTESTANT			
		<i>Boys</i>		<i>Girls</i>	
Majority.....	176	Majority.....	138		
Married.....	9	Married.....	71		
Dead.....	7	Dead.....	9		
Lost.....	4	Lost.....	4		
Society's request.....	24	Society's request.....	19		
Legal adoption.....	70	Legal Adoption.....	106		
Out of province.....	1	A. I. S.....	13		
V. I. S.....	18				
		ROMAN CATHOLIC			
		<i>Boys</i>		<i>Girls</i>	
Majority.....	23	Majority.....	22		
Married.....	..	Married.....	14		
Dead.....	4	Dead.....	2		
Legally adopted.....	18	Legally adopted.....	21		
Miscellaneous.....	49	Miscellaneous.....	23		

WELFARE OF CATHOLIC CHILDREN

During 1926 there were 186 Roman Catholic children made wards of the Children's Aid Societies of the province. These children are under the supervision of Mr. William O'Connor. Part of his duties during the year was reporting upon 750 children, who were personally seen and a number of special cases reported upon, together with general information regarding local societies, shelters, etc. In doing this work he travelled 6,000 miles by rail and 2,000 miles by motor. In addition, he assists in obtaining foster homes for the Roman Catholic wards, and advises foster parents and the Department generally in regard to this particular class of children.

It is sometimes difficult in the case of Roman Catholic, as well as Protestant children, to place them satisfactorily, and where the home does not fit the child, nor the child fit the home, it means a lot of extra work for all concerned. However, there is compensation for some disappointments in this work in observing the real feeling of affection which grows up between children and foster parents in almost every case where the child has remained in the foster home for any considerable length of time. When a boy—it is usually a boy who has the daring independent spirit—has been in a foster home for a long time; he would like to try his wings and see what he can do on his own account. He may leave with or without the goodwill of his foster parents, and there may be what one would call a "strained feeling" between them because of the lad's apparent lack of appreciation of what has been done for him, but in practically every case the lad feels free to return to his foster parents' home for a visit when he desires, and they assure him and the Inspector that the boy may make his home with them any time he is out of employment. This is just an exemplification of the fact, which everyone engaged in this work knows, that the human element enters into it largely, because one is dealing with human beings.

This work of the Children's Aid Societies is the most encouraging in which governments, municipal, provincial, national, or private individuals may engage.

It lifts children out of conditions and from an environment in which the wisdom of experience suggests that if not removed they will most certainly become a burden, if not a menace, to the public, and places them in an environment where their opportunities to become industrious law-abiding, God-fearing citizens are enormously increased.

CHILDREN'S SAVINGS

Trust accounts are opened by the various societies for children who have money coming to them from pension funds or personal earnings. A complete list of these accounts is filed with this office, and totals for last year the sum of \$95,000.

LEGAL ADOPTION ACT OF 1921

The great benefits conferred by the Adoption Act continue to manifest themselves in the popular approval with which this measure has been received and the expressions of thankfulness that almost daily come from foster parents. Five years is scarcely long enough to judge the value of this Act because its effects are so far-reaching. The future of the child is decided very largely by the home, but we cannot determine the effect of the child's association upon the home and family. The number of orders granted, however, shows that the Act is in favour with the public.

There are two considerations:

- (1) The child for whose placement some organization is responsible.
- (2) The child already placed in a home in a private way, with which no organization is concerned and where it is a strictly private matter between the applicants and the provincial officer, who may use any means at his disposal to investigate the propriety of such an adoption.

From July, 1921 to the end of the calendar year 1926, there have been 3,489 orders of adoption granted. Of these, fifty per cent. were wards of Children's Aid Societies, most of whom had been in foster homes and supervised for years, having been placed under the Children's Aid Indenture or Foster Child Agreement, and in many instances the foster parents thought the child was fully adopted under this old form of agreement. When made acquainted with the new law they have been most eager to avail themselves of it for the child's sake, even more than their own. In such cases a further application is made, the Children's Aid Officer recommends the adoption and the Society consents as the legal guardian.

The Soldiers' Aid Commission have made it their policy to secure legal adoption for children placed in approved homes who have undergone varying years of supervision.

The Jewish War Orphans Committee has placed several children from the war-stricken areas of Europe, the majority being from Poland, and the foster parents have availed themselves of the Adoption Act. Some children are brought here from Europe by relatives without the aid of any organization, and there are certain documents in foreign languages to be interpreted.

Throughout the province, applications for adoption are usually investigated and approved of by the Children's Aid Superintendents who are the local representatives of the Provincial Officer.

In adopting a child as their own, some applicants enquire fully into its history, that they may be in a position to guard against wrong tendencies, yet there are many fine people who do not ask to know anything about the child's history, fearing they would always be looking for faults. They want to love the child unreservedly and prove that environment and careful training surmount heredity.

Regarding the question of residence—it is provided by the Act that the child should be in the home for two years before legal adoption is completed. This delay is unnecessary in certain cases, for instance, where the child is being adopted by relatives who offer an excellent home and do not want to wait for two years before securing an order of adoption. Why should not the child be absorbed into this family at an earlier date, if it is established that it is to the advantage of the child to be in that home.

The adoptions which come under the second heading are much more interesting from the legal point of view. It would be necessary to go into the detail of

almost every application to give any adequate idea of the work involved. Some are quite complicated. Our form of order reads: "and it also appearing that there is no person known to be entitled to notice of this application." This demands care that all the requirements regarding consents are met or particulars submitted which show that the consents may be dispensed with. This information is prepared in the form of a declaration. Facts relating to the existence of persons whose consents are required by the Act must be clearly set forth as the order of adoption must be free from doubt as to its validity.

Section 5, sub-sections (c) and (d), have been invaluable in securing to foster parents legal rights with respect to the child for which they are caring. This section provides for the dispensing with the consent of a parent, who, for instance, has deserted the family for a long time and has not contributed toward the care of the children.

The child under the Adoption Act has the benefit of the inheritance clauses, and it is gratifying to know that our adopting parents look upon the adopted child as their own in this respect most particularly. In many cases that is the reason for taking out an order. Scores of foster parents have had a child in their home for years, and rather than let any one know that the child is not their own, would continue without legal adoption were it not that they wished to be absolutely sure there would be no difficulty about the child inheriting their property. Any abuses under the inheritance clause of the Adoption Act are as yet only possibilities and from our limited experience we very much doubt that they would ever become realities. It should be remembered that under the Act the child inherits from his adopting parents, but from none of the kindred of the adopting parents.

Closely allied with the matter of inheritance is the question of the birth certificate. Keen disappointment and sometimes heartbreak exists when the adopting parent learns that even after legal adoption an official birth certificate cannot be issued without reference to the original name. There is a difference of opinion as to whether or not the child should be told he or she is adopted. Probably half the adopting parents in the province never want the child to know of the adoption. One of these wrote that between their son by birth and their daughter by adoption they felt no difference in their love and thought it a great pity any distinction should be made when the birth certificate is issued. We have suggested that provision be made for the issuing of a form corroborating the registration and omitting the original name, which could be used in school, sports, etc. After the age of twenty-one it would perhaps be wise for the child to know of the adoption and also in the event of marriage.

All the children who have been legally adopted when over twenty-one years of age, with but two exceptions, have resided with their foster parents for a number of years, the majority from childhood.

The Immigration Department now demand the adoption by relatives in Ontario of young people being brought into this country without a guardian, and the United States authorities require the legal adoption of children being taken from Ontario to the States.

Our sister provinces of Saskatchewan, Nova Scotia, Manitoba and Quebec have patterned their adoption laws after the Ontario Act, and in 1926 an Adoption Act was passed in England.

LEGAL ADOPTION ORDERS GRANTED

	Children's Aid Wards.	Soldiers' Aid Com- mission Wards.	Wards of Other Organizations.	Children of Unmar- ried Parents.	Deserted Children, —Foundlings.	Orphaned Children.	Children Born out of Wedlock Before U. P. Act of 1921.	One Parent Living.	Both Parents Living.	Husband Adopts Wife's Child.	Parents Divorced.	Stepfather Adopts	Children Adopted a Second Time.	Adoptions Over 21 Years of Age.	
1921.....	28	1	3	1	1	2	21	6	2	0	0	0	0	2	67
1922.....	340	5	13	45	3	6	39	47	27	5	0	0	0	7	537
1923.....	639	17	12	153	7	5	48	55	35	4	0	0	0	0	975
1924.....	256	18	15	118	1	13	22	47	43	3	3	0	3	7	549
1925.....	305	28	18	137	2	8	27	72	40	9	4	1	1	11	663
1926.....	290	50	6	167	2	21	16	68	43	14	3	2	2	14	698
	1,858	119	67	621	16	55	173	295	190	35	10	3	6	41	3,489

COMMITTALS TO THE CHILDREN'S AID SOCIETY AFTER ORDER FOR
ADOPTION HAS BEEN SIGNED

	Foster Father Died	Foster Mother Died	Foster Mother's Ill Health	Foster Parents Separated	Foster Mother's Mis- conduct	Removals
						Home Proved Undesir- able
1924.....	4	1	1	0	0	3
1925.....	1	3	0	0	0	1
1926.....	0	0	0	1	2	0
	5	4	1	1	2	4—17

CHILDREN OF UNMARRIED PARENTS ACT

INVESTIGATIONS

During the fiscal year ending 31st October, 1926, 1,705 cases were reported to the provincial officer. This increase of 358 over 1925 is probably due to the wider knowledge of the provisions of this Act and the greater co-operation of social agencies and the legal profession. Schedule "A" shows the disposition of these cases.

Our local officers have been exceptionally busy during the year with their investigations and court work. Many miles are travelled in making these investigations, often in inclement weather. In addition they have considerable office work to do, such as interviewing, reporting their cases to the provincial officer, answering correspondence, filing etc., as well as aiding in the collection end of the work.

Excellent service continues to be rendered by the maternity homes to which the mother is referred for pre-natal and post-natal care. One or more of these is located in each county and district town, and serves the surrounding community.

In addition to the general supervision, the provincial officer investigated 711 Toronto cases this year, or an increase of 196 over 1925. Here we work harmoniously with social organizations, maternity homes, the legal and medical professions, while the morality department and newspapers at once refer cases to this office. In addition, many young people in trouble are brought in personally by their friends and relatives.

SETTLEMENTS

Our main task under the Act is to establish paternity, secure settlement agreements or court orders and make collection thereunder. Outside of Toronto the persons concerned are approached by our local officers, and in Toronto by two inspectors attached to the Provincial Officer's staff. A number seek to evade their obligation by leaving Ontario and frequently go to Quebec, or the western provinces. The majority, however, drift to the States, particularly the border cities of Detroit and Buffalo, where expert social workers soon locate them on clues given by the Provincial Officer, report their attitude towards settlement and often serve them with court papers. The social organizations of other cities in the States also give us valuable assistance when called upon. During the year we had a man located through a social agency in England, and served. He appeared with his lawyer at the Juvenile Court in Toronto, and a \$500 cash settlement was made. This was considered satisfactory, as he was a plasterer by trade without other means than his earnings.

AGREEMENTS

Two hundred and thirty-nine agreements with the Provincial Officer were entered into during the fiscal year. In these the alleged father admits paternity and either makes a lump sum settlement or agrees to pay expenses and weekly maintenance for a sixteen-year term. Cash settlements run from \$200 or \$300 to \$1,500, having regard to corroborative evidence and the man's ability to pay. Weekly maintenance rates are from \$2 to \$6.

During the same period nineteen private agreements were filed with the Provincial Officer. Such agreements are made between the parties and approved

by the judge. These settlements totalled \$4,355. The Provincial Officer does not collect this money nor take any responsibility as to the nature of the agreement. There are no doubt many others entered into of which we have no knowledge.

In twenty-five cases, small cash settlements were made without agreement of any kind. These settlements are sometimes effected privately, and frequently as a result of interviews by our local officers and inspectors. During the year they totalled \$5,790.50. In such cases corroboration is generally too weak for court action, and the best settlement obtainable is accepted.

In eighty-four cases reported private settlements were made between the parties, but we were unable to secure any information as to the amount paid.

COURT ORDERS

An affiliation order is applied for where the young woman has sufficient corroboration and the accused denies paternity and refuses to settle, as well as where there is an agreement with the Provincial Officer in default. One hundred and twenty-seven such orders were made during 1926. Outside of Toronto, our cases are heard before the District or County Court Judges. In most instances the Crown Attorneys act for the Provincial Officer, although a few of our local officers perform this work themselves. In Toronto, the Juvenile Court Judge hears nearly all our cases, the Assistant Crown Attorney representing the Provincial Officer. Here eighty-nine cases were heard resulting in fifty-one orders. Affiliation orders vary from \$1.50 to \$6 per week.

APPEALS

During the year, eleven applications for appeal were made, two of which were by the mother of the child. These were disposed of as follows: In two cases, leave to appeal was refused. Of the remainder four appeals were abandoned, two were dismissed and three are pending. The Attorney-General's department represents the Provincial Officer in the Appellate Court.

COLLECTIONS

The Provincial Officer collects all moneys payable under court orders and agreements with himself. The total receipts this year amounted to \$88,353.80, with disbursements of \$79,540.90. Cheques go out monthly to the mother or whoever is caring for the child. This entails an elaborate bookkeeping and follow-up system, the interviews and correspondence being very heavy. A collector is kept busy on Toronto cases, and our local officers aid us materially in locating and interviewing the men living in other parts of the province.

Schedule "A" gives a comparative statement of receipts and disbursements since 1921.

VARIED AGREEMENTS AND ORDERS

Frequently after collections have been made for some time under an agreement or order, a cash settlement is considered desirable. The agreement is then varied by the Provincial Officer, or in a case of an order, application is made to the Judge for this purpose. The consent of all parties must be secured to such varied documents.

COURT ACTIONS ON DEFAULT

Default in payments under agreements and orders results in further application to the Court for affiliation orders and shew-cause summons respectively. In the latter instances where poverty is pleaded, the weekly maintenance is often reduced, but where contempt of court is shown either by non-appearance on the summons, or flagrant disobedience to the order application is made for the man's committal to gaol. Such actions are very effective in aiding collections.

STATISTICS

Our statistics deal with nationality, religion, occupation and other facts relative to our cases. It is not always possible to get complete date, but Schedule "B" contains interesting information.

CHILD PLACING

Every effort is made to keep mother and child together for the nursing period, and indefinitely, where the circumstances warrant it; 1,085 children were reported as being with the mother during 1926.

Where unable or unwilling to keep her child, the mother is referred to the Children's Aid Society of the county in which she has domicile, to have it listed for adoption. Frequently, in smaller places the local officers of adjoining counties co-operate in finding foster homes. During the year legal adoption has been granted in 184 cases of children born out of wedlock, and seventy-two children are still in foster homes, in which legal adoption is under consideration.

If the mother desires to keep her child but is self-supporting, and her work is such that she cannot have it with her, our local officers and social agencies find approved boarding homes. One hundred and twenty-seven children have been so placed during 1926.

Application to have the child committed as a ward of the local Children's Aid Society is made where the mother has no means of providing for it. If mentally and physically fit, an effort is made to find a foster home. One hundred and seventy-nine children have been made wards during the year.

The deaths of fifty-eight children are reported. Medical certificates are obtained wherever possible, showing cause of death.

REPEATERS

One hundred and eighty-nine mothers came under this heading in 1926. Quite a large percentage of these are feeble-minded and constitute one of our most serious problems. Where they have only been a short time in the country efforts are made to have them deported, or where this is not possible, placed under supervision.

A WELL-DEFINED POLICY

As the number of cases increase greater efficiency is evidenced in the work all over the province, and slowly but surely a definite policy of operation is being evolved. The Provincial Officer in conducting Toronto investigations is in touch with the actual field work which is valuable from the standpoint of supervision.

Toronto, 8th February, 1927.

SCHEDULE "A"
CHILDREN OF UNMARRIED PARENTS ACT

Comparative report showing number of cases dealt with from July, 1921, to 31st October, 1926.

July 1st, 1921, to October 31st, 1921.....	<i>1921</i>	102 cases were dealt with.
October 31st, 1921, to October 31st, 1922.....	<i>1921-1922</i>	672 " " " "
October 31st, 1922, to October 31st, 1923.....	<i>1922-1923</i>	1,162 " " " "
October 31st, 1923, to October 31st, 1924.....	<i>1923-1924</i>	1,205 " " " "
October 31st, 1924, to October 31st, 1925.....	<i>1924-1925</i>	1,347 " " " "
October 31st, 1925, to October 31st, 1926.....	<i>1925-1926</i>	1,705 " " " "
Total.....		<u>6,193</u>

N.B.—The above statement indicates a yearly increase in the number of cases brought to attention, rather than any increase in immorality.

Statement showing number of cases dealt with during last fiscal year.

From October 31st, 1925, to October 31st, 1926.....	1,705 cases were dealt with.
Of these.....	492 have become financial cases.
".....	433 have been closed.
".....	780 are pending.
Of the financial cases.....	239 were settled by agreements with P.O.
" " ".....	127 by Court Orders.
" " ".....	126 by private agreements and settlements.
Of the closed cases.....	110 cases no action was desired.
" " ".....	21 were dismissed for lack of corroborative evidence.
" " ".....	111 were closed for lack of corroboration.
" " ".....	158 cases the man disappeared.
" " ".....	33 cases the couples married.

Comparative statement showing receipts and disbursements from July, 1921, to October 31st, 1926.

	<i>Receipts</i>	<i>Disbursements</i>
July 1st, 1921, to October 31st, 1921.....	\$691 00	\$40 00
October 31st, 1921, to October 31st, 1922.....	27,066 81	13,954 09
October 31st, 1922, to October 31st, 1923.....	57,113 03	38,663 66
October 31st, 1923, to October 31st, 1924.....	73,258 76	57,698 63
October 31st, 1924, to October 31st, 1925.....	86,105 00	71,908 60
October 31st, 1925, to October 31st, 1926.....	88,353 80	79,540 90
	<u>\$332,588 40</u>	<u>\$261,805 88</u>

SCHEDULE "B"

AGES

Women

Under 16.....	123
17—20.....	553
21—30.....	595
Over 30.....	121

MEN

(Record not kept).

NATIONALITY

	<i>Women</i>	<i>Men</i>
Canadian.....	863	734
English.....	287	153
Scotch.....	127	69
Irish.....	53	53
Foreign.....	74	104

RELIGION

Protestants.....	1,140	774
Roman Catholics.....	274	264

OCCUPATION

Domestics and waitresses.....	680
Factory.....	215
Stenographers and clerks.....	125
Miscellaneous.....	263
Housewife.....	36

MARRIED OR SINGLE

Single.....	1,477	775
Married.....	199	338

N. B.—The above figures are only approximate as there are a number of cases in which we are unable to get any data.

CHILDREN'S AID SOCIETIES

LIST OF OFFICERS

ALGOMA AND SAULT STE. MARIE.

President, R. H. Knight; secretary, J. P. Reed; treasurer, W. G. Hyland; superintendent, J. P. Reed.

BRANT AND BRANTFORD

President, E. Cutmore; secretary, Miss Sarah Brown; treasurer, C. Cook; superintendent, J. L. Axford.

BRUCE COUNTY

President, J. H. Ranesbottom; secretary, Rev. R. Perdue; treasurer, L. C. Benton; superintendent, Rev. R. Perdue.

CARLETON AND OTTAWA

President, Col. D. T. Irwin, C.M.G.; secretary, A. G. Munroe; treasurer, Col. P. B. Taylor; superintendents, A. G. Munroe, J. Reymond.

COCHRANE AND TIMMINS

President, G. A. MacDonald; secretary, R. LeHeup; treasurer, D. Sutherland; superintendent, R. LeHeup.

DUFFERIN AND ORANGEVILLE

President, Rev. C. G. Armour; secretary, J. Norris; treasurer, J. Norris; superintendent, H. F. Tuck.

ELGIN AND ST. THOMAS

President, K. W. McKay; secretary, Mrs. E. H. Caughell; treasurer, F. Sutherland; superintendent, Mrs. Caughell.

ESSEX AND WINDSOR

President, W. Woollatt; superintendent, M. R. Winters.

THUNDER BAY—FORT WILLIAM

President, H. J. Oliver; secretary, F. Blain; treasurer, F. Blain; superintendent, F. Blain.

FRONTENAC AND KINGSTON

President, Dr. A. P. Chown; secretary, W. A. Mackintosh; treasurer, T. Ashmore Kidd; superintendent, Rev. Wm. Black.

GREY AND OWEN SOUND

President, H. H. Burgess; secretary, A. E. Trout; treasurer, J. G. Carrie; superintendent, A. E. Trout.

HALDIMAND

President, J. L. Mitchener; secretary, C. R. Bilger; treasurer, Geo. P. Brown; superintendent, C. R. Bilger.

HALIBURTON

President, Dr. Frain; secretary, A. G. Schofield; treasurer, M. Brown; superintendent, A. G. Schofield.

HAMILTON

President, Dr. A. T. Colville; secretary, Mrs. W. G. Thompson; treasurer, Mrs. C. A. Hunter; superintendent, E. J. Burns.

HASTINGS AND BELLEVILLE

President, W. H. Merry; secretary, T. D. Ruston; treasurer, H. F. Ketcheson; superintendent, T. D. Ruston.

HURON

President, Rev. J. E. Ford; secretary, A. M. Robertson; treasurer, Sheriff R. G. Reynolds; superintendent, G. M. Elliott.

KENORA

President, Mrs. Earngey; secretary, Mrs. H. P. Cooke; treasurer, Mrs. Brett; superintendent, Chief Gordon.

KENT AND CHATHAM

President, J. F. Fletcher; secretary, F. Appleyard; treasurer, T. E. Cottier; superintendent, F. Appleyard.

LAMBTON AND SARNIA

President, C. H. Belton; secretary, J. Wilkinson; treasurer, John E. Leckie; superintendent, J. Wilkinson.

LANARK COUNTY

President, J. S. L. McNeely; secretary, J. H. Devlin; treasurer, A. M. Anderson; superintendent, J. H. Devlin.

LEEDS AND GRENVILLE

President, Claude A. Winters; secretary, James Fitzpatrick; treasurer, H. S. Dupey; superintendent, Alex. Beattie.

LENNOX AND ADDINGTON

President, Alpine Woods; secretary, Mrs. F. L. Hooper; treasurer, Miss Helen Grange; superintendent, F. W. Barrett.

LINCOLN AND ST. CATHARINES

President, E. H. Jones; secretary, Mrs. D. C. Hetherington; treasurer, C. H. Claus; superintendent, C. H. Claus.

LONDON AND MIDDLESEX

President, J. Stuart; secretary, W. E. Kelly; treasurer, J. I. A. Hunt; superintendent, W. E. Kelly.

MANITOULIN

President, W. Strain; secretary, Miss G. Batman; treasurer, A. J. Wagg; superintendent, Miss G. Batman.

MUSKOKA DISTRICT

President, Rev. Mr. Purchase; secretary, Mrs. W. J. Moore; treasurer, Mrs. W. J. Moore; superintendent, W. D. Forrest.

NIPISSING AND NORTH BAY

President, C. S. McGaughey, secretary, C. A. Brown; treasurer, E. C. Rheame; superintendent, J. Brown.

NORFOLK

President, Frank Reid; secretary, M. L. House; treasurer, B. B. Baillie; superintendent, H. A. Carter.

NORTHUMBERLAND AND DURHAM

President, . . . ; secretary, J. T. Daley; treasurer, Dr. E. A. Totten; superintendent, J. T. Daley.

ONTARIO AND OSHAWA

President, H. P. Schell; assistant secretary, W. H. Gibbie; treasurer, H. C. Duncan.

OXFORD AND WOODSTOCK

President, A. J. McKinney; secretary, L. C. Ecker; treasurer, L. C. Ecker; superintendent, L. C. Ecker.

PARRY SOUND EAST

President, S. R. Alexander; secretary, E. A. Warner; treasurer, F. Metcalfe; superintendent, J. Hartill.

PARRY SOUND WEST

President, Ven. Archdeacon Burt; secretary, Rev. Father Collins; treasurer, F. N. Hurst; superintendent, J. Ryder.

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PERTH AND STRATFORD

President, Sheriff Magwood; secretary, Mrs. G. McLagan; treasurer, A. G. Sloane; superintendent, H. Ferguson.

PETERBOROUGH

President, Rev. R. C. Blagrove; secretary, J. Edgar; treasurer, C. S. Cummer; superintendent, J. Edgar.

PORT ARTHUR

President, Dr. C. N. Laurie, secretary, Rod. M. Young; treasurer, Rod. M. Young; superintendent, G. Gibbon.

PRESCOTT AND RUSSELL

President, Dennis Harbie; secretary, E. A. Johnson; treasurer, J. A. Laurin; superintendent, E. A. Johnson.

PRINCE EDWARD COUNTY

President, W. J. Carter; secretary, Mrs. N. A. Jacobi; treasurer, C. A. Wright; superintendent, Geo. L. Hubbs.

RAINY RIVER

President, J. A. Mathieu, M.P.P.; secretary, A. MacKenzie; treasurer, W. T. Russel; superintendent, A. MacKenzie.

RENFREW

Presidents, J. H. Reeves, Pembroke; C. A. Mulvihill, Arnprior; secretary, Miss Sibray; treasurer, E. J. Stewart; superintendent, Canon Quartermaine.

SIMCOE AND BARRIE

President, Frank Hammond; secretary, W. J. Justice; treasurer, A. G. MacLellan; superintendent, W. J. Justice.

STORMONT, DUNDAS AND GLENGARRY

President, W. A. Craig; secretary, A. K. MacMillan; treasurer, J. E. Tallon; superintendent, T. W. Ault.

SUDBURY

President, Mrs. R. R. McKessock; secretary, D. Drybrough; treasurer, R. A. O'Connor; superintendent, W. Greenwood.

TEMISKAMING

President, Mr. N. J. McAulay; secretary, J. R. McCracken; treasurer, G. T. Smith; superintendent, J. R. McCracken.

VICTORIA AND LINDSAY

President, Mayor Wilkinson; secretary, Mrs. E. E. Sharpe; treasurer, M. H. Sisson; superintendent, Mrs. E. E. Sharpe.

WATERLOO COUNTY

President, D. N. Panabaker; secretary, Rev. P. J. Meyer; treasurer, Rev. P. J. Meyer; superintendent, A. Pullam.

WATERLOO (Galt)

President, F. J. Maines; secretary, Mrs. F. J. Cavers; treasurer, Mrs. F. J. Cavers; superintendent, A. Pullam.

WATERLOO (Kitchener)

President, Prof. N. Willison; secretary, Miss E. H. Reist; treasurer, A. R. Goudie; superintendent, A. Pullam.

WELLAND (Niagara Falls)

President, A. R. Robertson; secretary, Mrs. Coates; treasurer, J. W. Marshall; superintendent, W. E. Jones.

WELLAND CITY

President, A. L. Brooks; secretary, Mrs. S. S. Wilson; treasurer, C. Watters; superintendent, J. R. Vaughan.

WELLAND COUNTY

President, Mrs. Taylor; secretary, J. H. Thompson; treasurer, J. More; superintendent, R. Teakle.

WELLINGTON AND GUELPH

President, Dr. N. Wallace; secretary, Wm. Laidlaw; treasurer, W. H. Beattie; superintendent, Rev. A. Tovell.

WENTWORTH

President, J. F. Vance; secretary, W. F. Moore; treasurer, J. M. Campbell; superintendent, James Clark.

YORK COUNTY

President, Hon. G. S. Henry; secretary, R. W. Phillips; treasurer, W. D. Annis; superintendent, H. D. Ramsden.

TORONTO C.A.S.

President, A. R. Auld; secretary, John Appleton; treasurer, A. M. Campbell; superintendent, R. E. Mills.

ST. VINCENT DE PAUL (Toronto)

President, J. F. Boland; secretary, W. A. Walker; treasurer, F. J. Walsh; superintendent, M. P. Everett.

FINANCIAL RETURNS

Place	Receipts		Expenditures		Surplus		Deficit	
	\$	c.	\$	c.	\$	c.	\$	c.
Algoma and Sault Ste. Marie	18,154	34	18,085	85	68	49		
Brant and Brantford	7,898	90	7,151	36	747	54		
Bruce County	5,578	18	4,564	60	1,013	58		
Carleton and Ottawa	5,789	52	5,250	28	539	24		
Cochrane and Timmins	2,913	75	2,385	30	528	45		
Dufferin and Orangeville	4,060	16	3,502	71	557	45		
Elgin and St. Thomas	17,331	48	16,464	88	866	60		
Essex and Windsor								
Thunder Bay and Fort William	8,147	37	7,809	27	338	10		
Frontenac and Kingston	9,096	64	7,907	20	1,189	44		
Grey and Owen Sound	6,981	61	4,700	59	2,281	02		
Haldimand County	5,513	84	5,478	92	34	92		
Haliburton County	1,535	80	1,535	80				
Hamilton	15,392	07	14,233	20	1,158	87		
Hastings and Belleville	9,386	51	9,135	75	250	76		
Huron County	3,905	73	3,615	81	289	92		
Kenora	1,660	70	1,015	91	644	79		
Kent and Chatham	7,492	25	7,254	95	237	30		
Lambton and Sarnia	3,312	89	2,470	98	841	91		
Lanark County	1,361	92	1,361	92				
Leeds and Grenville	3,235	82	3,142	22	93	60		
Lennox and Addington	2,068	67	440	64	1,628	03		
Lincoln and St. Catharines	7,576	69	7,576	69				
London and Middlesex	16,529	00	14,630	00	1,899	00		
Manitoulin	565	23	115	62	449	61		
Muskoka District	2,002	40	129	05	1,873	35		
Nipissing and North Bay	6,421	21	5,936	33	484	88		
Norfolk County	5,104	06	4,422	43	681	63		
Northumberland and Durham	6,030	05	5,753	70	276	35		
Ontario and Oshawa	9,400	00	9,800	00			400	00
Oxford and Woodstock	6,408	08	6,408	08				
Parry Sound East	4,682	88	2,297	29	1,385	59		
Parry Sound West	3,157	88	2,665	07	492	81		
Peel and Halton Counties	6,641	73	6,793	96			152	23
Perth and Stratford	5,467	66	5,086	22	381	44		
Peterborough	6,130	58	5,114	09	1,016	49		
Port Arthur	5,339	77	5,201	83	137	94		
Prescott and Russell	7	00	7	00				
Prince Edward County	2,207	32	2,251	72			44	40
Rainy River	209	05	204	00	5	05		
Renfrew	3,123	81	3,843	13			719	32
Simcoe and Barrie	10,090	31	10,080	49	9	82		
Stormont, Dundas and Glengarry	1,259	35	1,064	54	194	81		
Sudbury								
Temiskaming	4,653	49	4,583	19	70	30		
Victoria	5,857	20	5,740	63	116	57		
Waterloo County	8,556	07	8,224	06	332	01		
Welland (Niagara Falls)	3,085	63	3,329	50			243	87
Welland City	2,676	10	2,438	34	237	76		
Welland County	8,818	62	8,086	07	732	55		
Wellington and Guelph	6,997	31	6,438	57	558	74		
Wentworth County	428	86	356	55	72	31		
York County	5,796	28	5,796	28				
Toronto C.A.S.	80,579	98	85,918	87			5,238	89
St. Vincent de Paul (Toronto)	11,824	16	13,300	97			1,476	81
Total								

REPORT

OF THE

Board of License Commissioners for Ontario

ON THE OPERATION OF THE

ONTARIO TEMPERANCE ACT

FOR THE YEAR

1926

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



TORONTO

Printed and Published by the Printer to the King's Most Excellent Majesty

1927



*To His Honour WILLIAM DONALD ROSS,
Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to Your Honour the Report of the Board of License Commissioners for Ontario on the operation of The Ontario Temperance Act for 1926.

Respectfully submitted,

WILLIAM H. PRICE,
Attorney-General.

Attorney-General's Department,
March 30th, 1927.



REPORT
of the
BOARD OF LICENSE COMMISSIONERS FOR ONTARIO
on the operation of the
ONTARIO TEMPERANCE ACT
For the License Year 1925-26.

OFFICE OF THE BOARD, 71 GRENVILLE STREET,
TORONTO.

TO THE HONOURABLE W. H. PRICE, K.C., M.P.P.,
Attorney-General of the Province of Ontario.

SIR,—The Board of License Commissioners for Ontario has the honour to submit its Eleventh Annual Report covering the operation of The Ontario Temperance Act for the year ending October 31st, 1926.

THE SCHEDULES

Schedule A (1) gives the number of prosecutions by provincial officers. There were 184 convictions of holders of Standard Hotel Licenses, and 45 dismissals, as compared with 96 convictions and 30 dismissals during the previous year. Convictions of non-licensees were 3,673 and dismissals 547, and for the previous year convictions were 3,503 and dismissals 554.

It should be noted that included in the prosecutions are 1,060 convictions and 62 dismissals on the charge of being found in a public place in a state of intoxication, and in the previous year the convictions for this cause were 1,173 and the dismissals 94.

Schedule A (2) gives the returns for the District of Manitoulin, the only District remaining under The Canada Temperance Act.

Schedule B shows, by License Districts, the revenue accruing to the Province from fines under The Ontario Temperance Act, the total being \$333,882.70 as compared with \$365,446.82 for the previous year.

Schedule C shows expenses of enforcing the Act in the Districts, the total being \$187,221.61 as compared with \$193,066.54 for the previous year.

Schedule D shows the total revenue from this Branch for the fiscal year ending October 31st, 1926, to be \$418,699.82 as compared with \$523,362.79 for the previous year.

Schedule E shows revenues from fines accruing to municipalities which have appointed officers under Section 120 of The Ontario Temperance Act. These amount to \$320,961.40 as compared with \$387,405.98 for the previous year.

The two sums, \$320,961.40 received by municipalities and \$333,882.70 received by the Province, show an aggregate sum of \$654,844.10 paid in fines as compared with \$752,852.80, the total for the previous year. In addition to fines paid, liquor to the value of \$41,651.03 was confiscated.

Schedule F shows the distribution of Standard Hotels, licensed under Section 146, by license districts numbering 1,479 as compared with 1,523 for the previous year.

Schedule G shows the names of Ontario Temperance Act Inspectors and their addresses and Districts.

Schedule H shows the number of commitments for drunkenness to County and District gaols during the past 6 years.

Schedule J makes a comparison between the two years 1914 and 1926 in commitments for all offences and commitments for drunkenness, with percentages.

Schedule K shows the names of persons or companies holding Native Wine Permits.

PHYSICIANS' LIQUOR PRESCRIPTIONS AND OTHER ORDERS

The following table shows the number of prescriptions and other orders on dispensaries during the past seven years:

	1920		Total
	<i>Doctors' Prescriptions</i>	<i>Other Orders</i>	
January.....	No record	No record	
February.....	76,390	9,306	85,696
March.....	69,340	8,447	77,787
April.....	60,717	7,821	68,538
May.....	57,499	7,547	65,046
June.....	51,913	6,550	58,463
July.....	50,605	6,575	57,180
August.....	47,286	6,274	53,560
September.....	54,938	6,789	61,727
October.....	55,798	6,243	62,041
November.....	51,754	5,835	57,589
December.....	74,323	7,897	82,220
	650,563	79,284	729,847
	1921		
	<i>Doctors' Prescriptions</i>	<i>Other Orders</i>	<i>Total</i>
January.....	43,013	5,310	48,323
February.....	45,180	5,446	50,626
March.....	47,260	5,923	53,183
April.....	42,884	5,445	48,289
May.....	40,457	6,639	47,096
June.....	30,152	3,957	34,109
July.....	31,264	4,122	35,386
August.....	37,443	5,134	42,577
September.....	42,914	5,634	48,587
October.....	44,060	5,664	49,724
November.....	44,701	5,894	50,595
December.....	71,178	8,939	80,117
	520,466	68,107	588,573

	1922 <i>Doctors'</i> <i>Prescriptions</i>	<i>Other</i> <i>Orders</i>	<i>Total</i>
January.....	42,726	6,184	48,910
February.....	44,775	6,170	50,945
March.....	52,079	7,086	59,165
April.....	50,419	6,694	57,113
May.....	49,266	6,799	56,065
June.....	48,719	6,747	55,466
July.....	47,022	6,717	53,739
August.....	52,174	7,543	59,717
September.....	53,237	6,858	60,095
October.....	52,232	7,005	59,237
November.....	53,060	6,902	59,962
December.....	77,605	8,625	86,230
	623,314	83,330	706,644

	1923 <i>Doctors'</i> <i>Prescriptions</i>	<i>Other</i> <i>Orders</i>	<i>Total</i>
January.....	51,258	5,095	57,353
February.....	59,420	6,622	66,042
March.....	60,129	6,665	66,794
April.....	53,075	5,991	59,066
May.....	54,886	6,416	61,302
June.....	53,743	6,164	59,907
July.....	52,394	6,156	58,550
August.....	58,196	6,916	65,112
September.....	56,769	6,498	63,267
October.....	58,122	7,190	65,312
November.....	57,715	6,872	64,587
December.....	87,877	9,275	97,152
	703,584	80,860	784,444

	1924 <i>Doctors'</i> <i>Prescriptions</i>	<i>Other</i> <i>Orders</i>	<i>Total</i>
January.....	52,299	6,702	59,001
February.....	54,872	6,837	61,709
March.....	59,444	7,179	66,623
April.....	58,096	7,177	65,273
May.....	58,959	7,256	66,215
June.....	54,099	6,721	60,820
July.....	57,301	7,046	64,347
August.....	60,704	7,087	67,791
September.....	59,495	7,328	66,823
October.....	64,059	8,100	72,159
November.....	62,937	7,500	70,437
December.....	97,590	11,319	108,909
	739,855	90,252	830,107

	1925 <i>Doctors'</i> <i>Prescriptions</i>	<i>Other</i> <i>Orders</i>	<i>Total</i>
January.....	59,648	7,488	67,136
February.....	58,282	7,106	65,388
March.....	62,075	7,721	69,796
April.....	59,171	7,647	66,818
May.....	57,243	7,612	64,855
June.....	57,461	7,505	64,966
* July.....	52,990	8,264	61,254
August.....	51,970	8,326	60,296
September.....	54,311	8,742	63,053
October.....	57,908	9,295	67,203
November.....	55,492	8,676	64,168
December.....	79,791	13,128	92,919
	706,342	101,510	807,852

	1926 <i>Doctors'</i> <i>Prescriptions</i>	<i>Other</i> <i>Orders</i>	<i>Total</i>
January.....	49,657	7,925	57,582
February.....	53,342	8,472	61,814
March.....	60,550	10,072	70,622
April.....	59,245	9,788	69,033
May.....	57,279	9,510	66,789
June.....	58,464	9,572	68,036
July.....	60,412	9,772	70,184
August.....	58,588	9,324	67,912
September.....	63,020	10,314	73,334
October.....	63,852	10,341	74,193
November.....	63,154	10,478	73,632
December.....	87,939	15,546	103,485
Total.....	735,502	121,114	856,616

NOTE—In "Other Orders" are included six-ounce and pint orders filled at dispensaries, duplications, etc., which average probably 200 orders per month.

The prescriptions are those issued by physicians, and the orders include orders of physicians (for office use), druggists, dentists, veterinarians, holders of manufacturers' permits, hospitals, churches, etc.

*The statutory reduction to thirty per month was made effective on July 1st, 1925.

MANUFACTURERS' PERMITS

Permits issued during the year for the use of alcohol and other liquors for manufacturing purposes under Section 121 of the Act, numbered 348. The commodity most used in manufacturing is alcohol, of which the use of 652,565 gallons of standard alcohol 65 overproof was permitted. The quantity actually used as reported by permit-holders during the year was:

In gallons of standard 65 o.p. (or 165 proof), 301,265.
In proof gallons (or 100 proof), 498,089.

All the large users manufacture in bond, the alcohol being taken out of bond and mixed for manufacturing purposes, or denatured, in the presence of an officer of the Department of Customs and Excise of the Dominion of Canada.

SALE OF NON-INTOXICATING LIQUORS

The Ontario Temperance Act of 1925 made provisions for the sale of non-intoxicating liquors which do not contain more than two and one-half per cent. of absolute alcohol and pursuant thereto the following liquor permits were issued:

Year	Brewer- ies	Brewers' Warehouse	Hotel	Shop	Restaur- ant	Club	Steam- ship	Total
1925	28	253	1,535	1,224	673	182	10	3,905
1926	28	132	1,394	955	743	154	6	3,412

APPEALS FOR CLEMENCY

There were 484 appeals for clemency considered during the last calendar year, and of these 171 received favourable consideration and 313 were refused.

LIST OF STANDARD HOTELS

Three years ago the Board published a list of licensed Standard Hotels. This year a list, accompanied by data as to accommodation furnished, etc., is published separately. In view of the rapid growth of summer tourist business in Ontario, and of enquiries for information, it is felt that an official list of this kind, accessible to motor leagues, boards of trade and other bodies interested in promoting tourist traffic, may prove of value.

CONFISCATION OF VEHICLES

The power given to magistrates to confiscate vehicles used in transporting liquor intended for sale has been of great service. The following table gives particulars as to confiscated cars:

1. Number of cars confiscated during 1926.....	56
2. Number of cars returned to owners without sale.....	9
3. Number of cars retained for use by our officers.....	7
4. Number of cars sold.....	26
5. Amount received for cars sold.....	\$9,430.82
6. Average price.....	362.72
7. Number of liens allowed.....	17
8. Amount of money returned to lien-holders.....	\$6,720.84

THE NATIVE WINE INDUSTRY

Fifty Native Wine Permits are in operation for the permit year ending October 31st, 1927. These permits are issued to authorize the sale in this Province of wine manufactured from Ontario grown grapes, as provided for in Section 44, Ontario Temperance Act.

In Schedule K will be found lists of holders of native wine permits.

Of the fifty wineries, seven are of annual manufacturing capacity of over 100,000 gallons; the remainder are of varying capacities from 1,000 gallons up.

Wineries are subject to a tax by the Dominion Government of 7½ cents per gallon and by the Ontario Government of 50 cents per gallon.

The following statistics of the native wine industry in Ontario for the year 1926 are based upon individual reports received from wineries, and are believed to be approximately correct. Some of the winery reports were made for the calendar year 1926 and others for the year ended October 31st, 1926, but for the purpose in hand, namely, to convey an idea of the extent of the industry and its relation to grape-growers, the figures here given may suffice:

NATIVE WINE STATISTICS FOR THE YEAR 1926

Gallons of wine made.....	4,464,454
Gallons of wine sold in Ontario.....	521,772½
Gallons of wine exported.....	1,474,903½
Gallons of wine in stock at close of year.....	3,521,959
Value of wine sold in Ontario.....	\$1,023,044.44
Value of wine exported.....	\$521,423.11
Tons of grapes purchased.....	9,998
Tons of grapes used, of own growth.....	426

THE PUBLIC SERVICE

The members of our Staff continue to discharge their duties with fidelity and efficiency.

The Commissioner of Provincial Police and the Inspectors and other officers throughout the year have assisted and co-operated with the Board most cordially in enforcing the Ontario Temperance Act.

One of the most active of these officers was the late Inspector T. H. Constable of Cochrane, who was murdered on October 15th, 1926. He was a veteran of the Great War and a young man of integrity and promise. It is doubtful if the public at large has any just appreciation of the fine qualities devoted to the public service by many of these men.

The Board gladly pays tribute to General Manager Birmingham and the excellent officers and employees of the Ontario Government dispensaries, who occupy positions which often test their principles. It is recognized by all who have to do with the dispensaries that they are conducted upon lines of scrupulous honesty and efficiency. As a result the Ontario Government dispensaries enjoy an enviable reputation both at home and abroad.

JAMES HALES,
Chairman.

SCHEDULE A (1)

Statement showing number of prosecutions by Provincial Officers of cases for infractions of the Ontario Temperance Act for the year ending October 31st, 1926.

License District	Against Holders of Standard Hotel Licenses		Against Non-Licensees	
	No. of Convictions	No. of Dismissals	No. of Convictions	No. of Dismissals
Algoma			12	
Brant	2	2	19	7
Bruce	1	1	28	5
Carleton (including Ottawa)	1		73	
Cochrane	1		118	12
Dufferin and part County Simcoe			31	7
Dundas and Stormont			96	13
Elgin (including St. Thomas)	1		35	5
Essex	3		47	9
Frontenac (including Kingston)	1		28	8
Glengarry			71	7
Grenville			32	3
Grey (including Owen Sound)			59	28
Haldimand	2	1	24	2
Halton			41	4
Hamilton	31	3	283	48
Hastings	1		75	1
Huron			96	12
Kent (including Chatham)	1		45	6
Kenora	1		47	9
Lambton East			10	2
Lambton West (including Sarnia)	3		19	
Lanark			17	8
Leeds (including Brockville)	2		45	13
Lennox and Addington			75	2
Lincoln (including St. Catharines)	1		33	10
Manitoulin (Canada Temperance Act)			15	1
Middlesex (including London)	2		40	5
Muskoka		1	14	6
Nipissing			64	5
Niagara Falls and part Welland (including City of Niagara Falls)	4	3	144	25
Norfolk			28	9
Northumberland and Durham	5	2	69	23
Ontario	2		49	5
Oxford (including Woodstock)			12	5
Parry Sound			39	4
Peel	4		41	9
Perth (including Stratford)	7	2	36	12
Peterborough (including City of Peterborough)			16	7
Port Arthur and Fort William	11	3	112	9
Prescott	1		71	14
Prince Edward and part of Hastings (including Belleville)	4		69	8
Rainy River	9	2	54	7
Renfrew	1		46	1
Russell			40	4
Sault Ste. Marie			56	5
Simcoe	1		60	2
Sudbury			165	7
Timiskaming			120	13
Toronto	61	13	264	36
Victoria and Haliburton	5		97	9
Waterloo (including Kitchener)	6	1	77	6
Welland (including City of Welland)			62	16
Wellington (including City of Guelph)			43	6

SCHEDULE A (1)—Continued

Statement showing number of prosecutions by Provincial Officers of cases for infractions of the Ontario Temperance Act for the year ending October 31st, 1926.

License District	Against Holders of Standard Hotel Licenses		Against Non-Licenses	
	No. of Convictions	No. of Dismissals	No. of Convictions	No. of Dismissals
Wentworth	3	.....	31	4
Windsor	3	10	258	58
York	3	1	22	5
Totals	184	45	3,673	547
Totals, previous year	96	30	3,503	554

Included in the foregoing cases are 1,060 convictions and 62 dismissals under charges of being found in a public place in an intoxicated condition, as compared with 1,173 and 94, respectively, in the previous year.

SCHEDULE A (2)

Statement showing number of convictions and dismissals under charges of violations of the Canada Temperance Act during the year ending October 31st, 1926.

License District	Convictions	Dismissals
Manitoulin	4	0
Total, previous report	1	0

SCHEDULE B

Statement showing amounts collected and payable to the Province for fines imposed under The Ontario Temperance Act, in each Ontario Temperance Act District, for the year ending October 31st, 1926.

Algoma	\$2,325 00	Norfolk	\$1,321 50
Brant	4,400 00	Northumberland-Durham	4,190 00
Bruce	1,510 00	Ontario	4,715 00
Carleton	5,348 00	Oxford	1,215 00
Cochrane	9,013 00	Parry Sound	2,676 10
Dufferin-Simcoe	1,380 00	Peel	3,470 00
Dundas-Stormont	6,413 00	Perth	3,825 00
Elgin	1,565 00	Peterborough	490 00
Essex	5,345 00	Port Arthur-Fort William	15,295 00
Frontenac	1,425 00	Prescott	6,915 00
Glengarry	2,550 00	Prince Edward	5,750 00
Grenville	2,695 00	Rainy River	6,815 00
Grey	5,165 50	Renfrew	2,177 00
Haldimand	857 00	Russell	1,780 00
Halton	2,865 00	Sault Ste. Marie	6,980 00
Hamilton	30,350 00	Simcoe	2,139 25
Hastings	3,820 00	Sudbury	9,801 15
Huron	5,510 00	Timiskaming	6,750 00
Kenora	3,975 00	Toronto	43,504 00
Kent	4,228 00	Victoria-Haliburton	5,400 00
Lambton East	630 00	Waterloo	22,314 20
Lambton	4,590 00	Welland	2,745 00
Lanark	435 00	Wellington	2,705 00
Leeds	4,180 00	Wentworth	4,050 00
Lennox-Addington	2,255 00	Windsor	28,125 00
Lincoln	5,695 00	York	2,850 00
Manitoulin	520 00		
Middlesex	3,400 00	Total	\$333,882 70
Muskoka	1,320 00	Total previous financial year	\$365,446 82
Niagara Falls	6,140 00		
Nipissing	5,980 00		

SCHEDULE C

Statement showing expenses of enforcing Ontario Temperance Act in each Ontario Temperance Act District for the year ending October 31st, 1926.

Algoma	\$1,454 95	Northumberland-Durham	\$2,128 28
Brant	1,828 48	Ontario	1,795 60
Bruce	2,334 93	Oxford	1,275 02
Carleton	2,118 85	Parry Sound	727 52
Cochrane	3,027 00	Peel	810 90
Dufferin-Simcoe	1,444 02	Perth	1,372 20
Dundas-Stormont	1,486 28	Peterborough	797 88
Elgin	782 44	Port Arthur-Fort William	1,421 95
Essex	1,366 97	Prescott	1,863 99
Frontenac	1,916 34	Prince Edward	4,171 24
Glengarry	2,178 63	Rainy River	2,749 16
Grenville	1,148 92	Renfrew	1,862 86
Grey	1,375 90	Russell	1,426 10
Haldimand	1,248 76	Sault Ste. Marie	3,697 77
Halton	1,043 12	Simcoe	2,497 40
Hamilton	7,227 37	Sudbury	4,083 69
Hastings	2,305 17	Timiskaming	1,869 00
Huron	2,382 40	Toronto	1,459 20
Kenora	1,673 73	Victoria-Haliburton	2,388 71
Kent	798 73	Waterloo	2,247 10
Lambton East	525 27	Welland	2,241 87
Lambton	1,005 45	Wellington	1,406 21
Lanark	1,786 08	Wentworth	952 40
Leeds	3,387 99	Windsor	1,583 49
Lennox-Addington	865 27	York	603 60
Lincoln	1,511 12		
Manitoulin	223 00		
Middlesex	1,167 28	Salaries of Inspectors	\$104,795 14
Muskoka	983 91		82,426 47
Niagara Falls	2,900 16		
Nipissing	2,404 59	Total	\$187,221 61
Norfolk	1,458 89	Total previous year	193,066 54

SCHEDULE D

Statement showing revenue from O.T.A. Branch for the fiscal year ending 31st October, 1926.

Native Wine Permits	\$5,400 00
Vendors' Permits (Sacramental Wine)	15 00
Standard Hotel License Fees	1,635 00
Fines, Breach Ontario Temperance Act	334,897 70
Confiscated Liquor	24,525 31
Druggists' Permits	323 00
Permit Fees, re sale non-intoxicating liquor	51,342 85
Sundries, refunds, rebates, etc.	560 96
	\$418,699 82
Total previous fiscal year	\$523,362 79
1 Extra Provincial Warehouse Permit	\$5,000 00
28 Brewers' Permits, at \$200.00	5,600 00
132 Brewers' Warehouse Permits, at \$50.00	6,600 40
1,394 Hotel Permits, at \$10.00	13,943 82
1,617 Employees' Permits, at \$1.00	1,617 00
743 Restaurant Permits, at \$10.00	7,430 91
955 Shop Permits, at \$10.00	9,550 72
154 Club Permits, at \$10.00	1,540 00
6 Steamship Permits, at \$10.00	60 00
	\$51,342 85

SCHEDULE E

Showing fines imposed under The Ontario Temperance Act, paid to the municipalities where special officers have been appointed under Section 120 of The Ontario Temperance Act, for the year ending 31st October, 1926.

	Nov. 1st, 1925 to Oct. 31st, 1926		Nov. 1st, 1925 to Oct. 31st, 1926
Amherstburg	\$135 00	Dutton	.....
Arnprior	780 00	Drury, Dennison and Graham	.....
Aylmer	265 00	Dundas	\$90 00
Acton	1,105 00	Dryden	415 00
Ailsa Craig	.....	Deseronto	170 00
Alexandria	95 00	Dymond	.....
Alliston	20 00	Englehart	311 00
Angelea and Kaladar	.....	Elmira	50 00
Brantford	2,400 00	Edwardsburg	.....
Bancroft	.....	Elora	60 00
Bowmanville	225 00	Eastnor	.....
Brighton	40 00	Essex	1,095 00
Brockville	217 00	Etobicoke	.....
Blenheim	.....	Elgin County	.....
Blenheim Town	1,050 00	Fort William	6,090 00
Belleville	1,680 00	Ford City	4,195 00
Bradford	.....	Fort Erie	.....
Blind River	700 00	Fort Frances	270 00
Burlington	575 00	Freeman	.....
Burk's Falls	.....	Galt	1,760 00
Bridgeburg	.....	Guelph	1,678 00
Barrie	475 00	Gananoque	15 00
Blandford	.....	Georgetown	75 00
Bayham	.....	Gravenhurst	.....
Bothwell	.....	Goderich	70 00
Beverly	.....	Hamilton	3,626 00
Beamsville	.....	Heseler	190 00
Caldwell	.....	Hagersville	.....
Crystal Beach	660 00	Haileybury	150 00
Capreol	970 00	Hanover	460 00
Cobourg	615 00	Hawkesbury	75 00
Carleton Place	220 00	Hastings	70 00
Colborne	302 00	Hepworth	.....
Cobalt	5,005 50	Humberstone	1,142 50
Cochrane	3,915 00	Huntsville	1,240 00
Courtright	.....	Huron County	.....
Copper Cliff	630 00	Ingersoll	161 00
Chapleau	840 00	Iroquois Falls	45 00
Campbellford	420 00	James Township	110 00
Chesley	80 00	Kenora	2,850 50
Cardinal	.....	Kincardine	195 00
Charlton	.....	Kitchener	3,705 00
Coldwater	.....	Kingston	1,065 00
Chelmsford Town	.....	Kingston Township	.....
Cornwall	1,140 00	Kent County	3,901 00
Cayuga	.....	Keewatin	50 00
Collingwood	1,450 00	Kapuskasing	2,135 00
Cannington	85 00	Leamington	1,922 00
Chatham	3,360 00	Lion's Head	.....
Clifford	.....	Listowel	470 00
Crowland	1,110 00	Lucknow	.....
Calvert	5,937 74	London	9,375 00
Chapman	.....	Lucan	.....
Coleman	.....	Lanark Village	20 00
Cache Bay	110 00	Lakefield	.....
Caledonia	182 25	Lindsay	275 00
Dunnville	.....	Lobo	.....
Dresden	120 00	McDougall Township	.....
		Mattawa	96 00

SCHEDULE E—Continued

	Nov. 1st, 1925 to Oct. 31st, 1926		Nov. 1st, 1925 to Oct. 31st, 1926
Midland.....	\$505 00	Schreiber.....	.....
Madoc.....	11 00	Seaforth.....	.....
Massey.....	.....	Mount Forest.....	\$55 00
Merrittton.....	100 00	Sault Ste. Marie.....	9,103 45
Meaford.....	120 00	Sturgeon Falls.....	540 00
Matheson.....	50 00	Sarnia.....	5,363 00
Milton.....	80 00	Sudbury.....	7,495 00
Magnetawan.....	.....	St. Catharines.....	4,650 00
Middlesex County.....	1,000 00	St. Thomas.....	3,780 00
North Bay.....	7,765 00	Smith's Falls.....	820 00
Niagara Falls.....	3,760 00	Stratford.....	2,370 00
Napanee.....	290 00	Simcoe.....	60 00
Niagara Town.....	10 00	St. Vincent.....	.....
New Liskeard.....	685 50	Sandwich.....	5,100 00
Nepean.....	.....	Sherbrooke Township.....	.....
Neustadt.....	.....	Sioux Lookout.....	450 00
Neelon and Gardson.....	1,322 00	St. Mary's.....	775 00
Norwood.....	.....	Stanford Township.....	.....
Newmarket.....	.....	Southampton.....	190 00
Norwich, North.....	.....	Scarboro.....	50 00
Norwich Village.....	.....	Shelburne.....	30 00
Nipigon.....	336 00	Teck Township.....	4,290 00
Ottawa.....	12,645 00	Toronto.....	69,710 00
Orangeville.....	165 00	Tillsonburg.....	70 00
Oshawa.....	4,605 00	Trenton.....	1,540 00
Oakland Township.....	.....	Tisdale Township.....	6,241 75
Owen Sound.....	3,010 00	Timmins.....	9,095 00
Oxford West Township.....	360 00	Thamesville.....	.....
Oakville.....	320 00	Thessalon.....	75 00
Port Arthur.....	8,232 25	Thorold Town.....	588 00
Preston.....	588 00	Thorold Township.....	.....
Picton.....	675 00	Tavistock.....	.....
Pakenham.....	.....	Uxbridge.....	.....
Paris.....	40 00	Vankleek Hill.....	55 00
Parry Sound.....	1,150 00	Woodstock.....	1,190 00
Port Hope.....	306 75	Walkerville.....	6,761 50
Peterborough.....	1,495 00	Woodhouse.....	.....
Pembroke.....	1,293 00	Wallaceburg.....	2,020 00
Petrolia.....	180 00	Warton.....	510 00
Perth.....	398 00	Welland Town.....	1,033 50
Portsmouth.....	.....	Windsor.....	27,627 96
Port Perry.....	580 00	Walkerton.....	55 50
Port Stanley.....	10 00	Waterloo Town.....	180 00
Prescott.....	.....	West Zorra.....	.....
Parkhill.....	40 00	Whitby.....	290 00
Paisley.....	35 00	Winchester.....	.....
Port Colborne.....	4,334 25	West Lorne.....	.....
Port Rowan.....	.....	Webbwood.....	.....
Point Edward.....	65 00	York County.....	1,900 00
Penetanguishene.....	469 50	Zorra East.....	.....
Port McNichol.....	20 00	York Township.....	1,610 00
Pelee Township.....	.....	York, North.....	1,250 00
Port Dalhousie.....	30 00	Yarmouth.....	.....
Port Dover.....	.....	
Rentrew Town.....	358 00	Total.....	\$320,961 40
Rainy River.....	.....	Total, previous report...	\$387,405 98
Rayside Township.....	.....	
Ridgeown.....	10 00		

SCHEDULE F

Statement showing the number of Standard Hotels licensed under Section 146 in each Ontario Temperance Act District for the year ending 31st October, 1926.

Algoma.....	21	Norfolk.....	20
Brant.....	14	Northumberland and Durham.....	39
Bruce.....	40	Ontario.....	18
Carleton.....	5	Ottawa City.....	29
Cochrane.....	36	Oxford.....	18
Dufferin and part Simcoe.....	23	Parry Sound.....	32
Dundas and Stormont.....	27	Peel.....	15
Elgin.....	21	Perth.....	25
Essex.....	21	Peterborough.....	30
Frontenac.....	31	Port Arthur and Fort William.....	21
Glengarry.....	10	Prescott.....	24
Grenville.....	10	Prince Edward and Hastings (including Belleville).....	23
Grey.....	36	Rainy River.....	13
Haldimand.....	17	Renfrew.....	28
Halton.....	13	Russell.....	21
Hamilton.....	32	Sault Ste. Marie.....	12
Hastings.....	19	Simcoe.....	42
Huron.....	35	Sudbury.....	36
Kenora.....	14	Timiskaming.....	17
Kent.....	28	Toronto.....	100
Lambton East.....	18	Victoria and Haliburton.....	25
Lambton West.....	21	Waterloo.....	44
Lanark.....	23	Welland (including all but river muni- cipalities).....	18
Leeds.....	28	Wellington (including Guelph).....	29
Lennox and Addington.....	16	Wentworth.....	10
Lincoln.....	20	Windsor.....	42
Manitoulin.....	5	York.....	40
Middlesex (including London).....	41		
Muskoka.....	34		
Niagara Falls (including river muni- cipalities).....	26	Total.....	1,479
Nipissing.....	23		

SCHEDULE G—ONTARIO TEMPERANCE ACT INSPECTORS

License District	Inspector	P. O. Address
Algoma	Jas. Grigg	Bruce Mines.
Brant	B. Milligan	Brantford.
Bruce	E. F. Widmeyer	Walkerton.
Carleton	A. G. Sykes	Ottawa.
Cochrane	W. S. Blackwall, P.Insp. (acting)	Haileybury.
Dufferin	T. J. Robinson	Orangeville.
Dundas and Stormont	E. P. Foster	Morrisburg.
Elgin	J. A. Darrach	St. Thomas.
Essex	W. C. McCann, P.O. (acting)	Leamington.
Frontenac	Wm. McCammon	Kingston.
Glengarry	Wm. Peacock	Alexandria.
Grenville	Chas. Plumb	Prescott.
Grey	M. C. Beckett	Owen Sound.
Haldimand	J. A. Rowe, P.O. (acting)	Dunnville.
Haliburton	Wm. Warren	Haliburton.
Halton	R. Reevely (acting)	Brampton.
Hamilton	F. B. Taber	Hamilton.
Hastings	W. T. Nugent	Madoc.
Huron	W. T. Pellow	Goderich.
Kenora	W. J. Parfitt	Kenora.
Kent	M. Side	Chatham.
Lambton East	F. A. Jennings, P.O. (acting)	Theford.
Lambton	F. S. Elliott, P.O. (acting)	Sarnia.
Lanark	J. J. McGregor	Carleton Place.
Leeds	R. S. Patterson	Brockville.
Lennox and Addington	W. S. Exley	Napanee.
Lincoln	J. W. King	St. Catharines.
Manitoulin	J. A. Shields, P.C. (acting)	Gore Bay.
Middlesex	W. Bolton	London.
Muskoka	J. G. Watson (acting)	Huntsville.
Niagara Falls	P. Walter	Niagara Falls.
Nipissing	J. Gagne	North Bay.
Norfolk	R. Edmonds	Simcoe.
Northumberland and Durham	G. Goodrich	Cobourg.
Ontario	C. A. Mason	Oshawa.
Oxford	R. J. Eacrett	Woodstock.
Parry Sound	C. H. Knight, P.C. (acting)	Parry Sound.
Peel	R. Reevely	Brampton.
Perth	W. H. Moore	Stratford.
Peterborough	J. Stewart	Peterborough.
Port Arthur and Fort William	G. Griffiths	Port Arthur.
Prescott	A. DeHaitre	L'Original.
Prince Edward	D. Silvester	Belleville.
Rainy River		
Renfrew	S. M. Hacock, P.O. (acting)	Renfrew.
Russell	W. M. Russell	Ottawa.
Sault Ste. Marie	F. J. Naphan	Sault Ste. Marie.
Simcoe	H. Wright	Midland.
Sudbury	T. N. Kilpatrick	Sudbury.
Timiskaming	W. S. Blackwall, Prov. Insp.	Haileybury.
Toronto	A. A. Montgomery	Toronto.
Victoria	D. H. Porter	Lindsay.
Waterloo	E. Zinkann	Kitchener.
Welland	G. A. Ekins	Welland.
Wellington	J. A. Grant	Guelph.
Wentworth	J. F. Miller	Hamilton (Westdale)
Windsor	M. N. Mousseau	Windsor.
York	D. MacKenzie	Woodbridge.

SCHEDULE H

A table showing the number of commitments to each gaol for drunkenness during the years 1921 to 1926, both inclusive. The figures for 1925 and 1926 are compared, and the increase or decrease in each place is shown.

Name of Gaol	1921	1922	1923	1924	1925	1926	1926 Increase	1926 Decrease
Barrie	15	4	5	2	8	11	3	
Belleville	3	3	2	12	19	10		9
Brantford	60	43	40	53	62	76	14	
Brampton	3	5	7	14	10	14	4	
Brockville	13		9	5	7	6		1
Bracebridge	1	1	2	1	6	3		3
Cayuga	6					2	2	
Cornwall	5	14	16	26	22	16		6
Cobourg	5	1	3	4	6	12	6	
Chatham	37	25	16	55	59	105	46	
Fort Frances		2				60	60	
Goderich		2	6	8	14	28	14	
Guelph	2		9	12	13	17	4	
Gore Bay	5	4		2	10	5		5
Haileybury						38	38	
Hamilton	199	173	192	269	280	296	16	
Kingston	43	47	26	57	27	36	9	
Kitchener	6	7	3	17	33	44	11	
Kenora	3	5	3	6	4	8	4	
London	189	209	187	202	244	315	71	
Lindsay	6	4	3	4	5	6	1	
L'Orignal	2	2	2			2	2	
Milton					3	4	1	
Napanee		1	5	6	8	13	5	
North Bay	35	39	40	34	88	116	28	
Ottawa	180	130	78	129	160	224	64	
Owen Sound	3	2	3	9	20	12		8
Orangeville						5	5	
Perth	1		2	2	1	3	2	
Pictou	1	1	17	31	28	34	6	
Pembroke	2	4	5	6	5	3		2
Peterborough	13	12	14	12	9	9		
Port Arthur	156	94	153	160	101	152	51	
Parry Sound	45	5	14	20	27	12		15
Simcoe	4	2	6		1			1
St. Catharines	64	97	62	84	100	110	10	
Sarnia	38	19	35	34	57	76	19	
Stratford	17	9	7	10	8	16	8	
Saadwich	119	87	92	129	191	210	19	
St. Thomas	31	11	17	10	22	13		9
Sault Ste. Marie	99	59	102	84	57	40		17
Sudbury	783	193	297	470	441	309		132
Toronto	2,368	2,011	1,828	1,823	3,043	3,523	480	
Walkerton	1		1					
Woodstock	32	20	18	5	25	15		10
Welland	90	49	72	146	132	158	26	
Whitby	15	3	6	23	17	37	20	
LOCK-UPS:								
Atikokan				3				
Burk's Falls		1						
Byng Inlet				2				
Cobalt	17	20	75	45				
Killarney								
Manitowaning								
Mine Centre	2	3	2	1	1			1
Webbwood								
Totals	4,719	3,423	3,482	4,027	5,374	6,204	1,049	219

SCHEDULE J

A table comparing commitments for ALL OFFENCES and for DRUNKENNESS alone for the two years, 1914 and 1926.

Location of Gaul	Total commit- ments for all offences		Percentage of decrease in total commit- ments	Total commit- ments for drunkenness		Percentage of decrease in total commit- ments for drunken- ness
	1914	1926		1914	1926	
Barrie	332	130		140	11	
Belleville	371	231		63	10	
Brantford	272	202		108	76	
Brampton	42	80		2	14	
Brockville	184	154		62	6	
Bracebridge	61	38		4	3	
Cayuga	69	54		5	2	
Cornwall	105	120		27	16	
Cobourg	120	130		36	12	
Chatham	271	334		83	105	
Fort Frances	345	194		149	60	
Goderich	70	98		6	28	
Guelph	102	101		16	17	
Gore Bay	22	20			5	
Haileybury		250			38	
Hamilton	1,438	845		603	296	
Kingston	206	116		129	36	
Kitchener	226	182		48	44	
Kenora	91	95		19	8	
London	911	748		500	315	
Lindsay	62	97		9	6	
L'Orignal	16	40			2	
Milton	388	165		12	4	
Napanee	95	61		45	13	
North Bay	390	410		93	116	
Ottawa	1,351	975		346	224	
Owen Sound	90	117		17	12	
Orangeville	28	62		1	5	
Perth	138	59		22	3	
Pictou	59	55		32	34	
Pembroke	132	69		50	3	
Peterborough	389	190		143	9	
Port Arthur	1,120	561		441	152	
Parry Sound	258	206		55	12	
Simcoe	117	70		32		
St. Catharines	310	205		102	110	
Sarnia	395	220		237	76	
Stratford	179	106		73	16	
Sandwich	336	899		44	210	
St. Thomas	162	129		48	13	
Sault Ste. Marie	364	205		73	40	
Sudbury	2,651	1,062		1,643	309	
Toronto	7,524	7,264		3,073	3,523	
Walkerton	47	47		4		
Woodstock	227	98		77	15	
Welland	432	394		131	158	
Whitby	98	145		17	37	
LOCK-UPS:						
Atikokan						
Byng Inlet						
Cobalt	171	93		23	3	
Mine Centre						
Webbwood						
	22,777	18,126	20.42	8,848	6,207	29.85

SCHEDULE K

List of holders of Native Wine Permits from the Board, under Section 44, Ontario Temperance Act. valid until October 31st, 1927.

Name	Address	Gals. Capacity
Badalato, S.	R.R. No. 9, Dundas Street, London Twp., London P.O.	5,000 to 10,000
The F. W. Baylis Company	427 Spadina Ave., Toronto	3,000
Belleville Wine Co., Limited	123 Front St., Belleville	10,000
Bright, T. G., & Co., Limited (Niagara Falls Wine Company)	Niagara Falls	1,500,000
Belluz, Pietro	514 McTavish St., Fort William	4,500
Canada Wine Products, Limited	83 King Street West, Toronto	16,000
Canada Vine Growers Association, Ltd.	Dundas St., Cooksville	170,000
Castrucci, O. A.	187 Parliament St., Toronto	15,000
Ciurluini, Alessandro	R.R. No. 4, St. Catharines	14,000
Davie Brothers (Sudbury Wine Company)	176 Minto St., Sudbury	3,000
De Conza, A. R.	51½ North St., St. Catharines	10,000
DePietro, D.	R.R. No. 1, Beamsville	2,000
Dibbley, Mrs. Rosie E. (Dibbley Wine Company)	38 West Peter St., Sandwich	1,000
Dominion Wine Growers, Ltd.	Dundas St., Oakville	150,000
Donovan, D. J.	31 John Street South, Hamilton	3,500
Furminger, F. L. (Sunnybank Winery)	R.R. No. 2, St. Catharines	10,000
Gordon, Rabbi Jacob	116 Beverley St., Toronto	1,000
Hagaman, H. C. (Oakville Wine Company)	Oakville	10,000
Hamilton, J. S., & Co., Limited	Dalhousie St., Brantford	60,000
Huehnergard, Bruno	Preston Road, Kitchener	2,000
Jordan Wine Co., Limited	Jordan	800,000
Kampmann, Fred J.	217 Bieithaupt St., Kitchener	1,200
Lamotte, Francois P.	321 Campbell Ave., Windsor	2,000
Lenardon L. (Fort William Wine Company)	114 McVickers St., Fort William	15,000
Lincoln Wines, Limited	Grantham Twp., St. Catharines	150,000
London Winery, Limited	R.R. No. 1, Lambeth Highway, London	40,000
Luelo, Carl	160 Queen St. South, Kitchener	4,000
Meconi, Mariano	325 Assumption St., Windsor	4,000
Morrow, E. J. (Ontario Wine Company)	New Toronto	50,000
National Fruit & Wine Co., Ltd.	27 Brock Avenue, Toronto	200,000
Ontario Grape Growing & Wine Mfg. Co., Limited	Grantham Twp., St. Catharines	300,000
Padden, Helen (Turner Wine Company)	106 Front St. East, Toronto	20,000
Peavoy, G. W. (Canadian Wine Company)	889 Queen St. West, Toronto	10,000
Peerless Wine Mfgs., Limited	448 Queen St. East, Toronto	45,000
Porpiglia, Joseph	R.R. No. 2, St. Catharines	1,500
Quigley, Peter J. (Danforth Wine Co.)	355 Danforth Ave., Toronto	25,000
Rizzo, Nicholas & Sons	137 York St., Hamilton	6,000
Robinet, Clovis	100 Baby St., Sandwich	6,000
Robinet, Frank	177 Sandwich St., Windsor	5,000
Robinet, Jules	17½ Sandwich St., Sandwich	25,000
Robinet, Victor	141 Sandwich St. East, Tecumseh	5,000 to 10,000
Rossoni, Carlo	1214 Tecumseh Road E., Windsor	10,000
Stamford Park Wine Co., Limited	Niagara Falls	450,000
Subosits, Victor	Sixth Street, Crowland Twp., P.O. Box 64, Welland	2,000
Tadeuszow, Thomas	Stamford Twp., Niagara Falls	5,000
Thomas, Alex. (Cooksville Wine Vaults)	Cooksville	1,000
Thorold Winery Company, Limited	35 Ormond St. North, Thorold	62,000
Toronto Wine Mfg. Co., Limited	1682 Queen St. West, Toronto	11,500
Windsor Company, Limited	Cor. Walker Road and Edna Street, Walkerville	135,000

ONTARIO GOVERNMENT DISPENSARIES

GENERAL MANAGER'S REPORT

TORONTO, 31st January, 1927.

JAMES HALES, ESQ., K.C.,

Chairman, Board of License Commissioners for Ontario,
71 Grenville Street, Toronto.

DEAR SIR,—

I have the honour to present to the Board my annual report covering the operations of the dispensaries for the fiscal year ending October 31st, 1926.

PUBLIC SERVICE

As in the past we endeavoured to make certain that the mail orders were despatched the same day as received, a service we feel the public have appreciated. Mail order shipments by express and stage route showed an increase of 16.43 per cent., total shipments being 219,206 as against 188,262 for the previous twelve months. The monthly and daily averages were 18,267 and 725 respectively. The amount paid in express and stage charges was \$121,922.88, an increase of 11.27 per cent. over last year. In addition we made 611 express shipments to hospitals, universities and government institutions, which by reason of purchasing liquors at reduced rates, have to pay the express or freight charges on same. It is perhaps well to point out that the mail order branch of our business has steadily increased; in fact, the number of shipments has more than doubled since 1921. In the cities where the dispensaries are located, free delivery service by auto truck was continued. We have always met the requests of the hospitals for special deliveries and the same policy has been followed in the matter of special deliveries to private homes in cases of emergency.

EMPLOYEES

Practically no complaints were received as to the service rendered by the employees, a gratifying condition of affairs, when it is remembered that many of the employees come into contact with the public for many hours of each day. In all branches of our work a most efficient service was given. Very few temporary employees were taken on during the vacation period, but the service was not allowed to suffer as extra efforts were put forth by the employees. During the busy season of mid-December many of the employees were compelled to put in long hours in order to assure that the filling of prescriptions and other orders received in the mail should not be delayed.

PRICE OF LIQUORS

On the 8th of February, a very substantial reduction was made in the prices of the majority of the liquors carried by the dispensaries; some Scotch whiskies were lowered in price to the extent of fifty cents a bottle, and the decrease per bottle for Canadian whiskies was, generally speaking, twenty-five cents.

There had been a reduction in the cost to the dispensaries of many of the brands of Scotch whisky, hence the reason for the reduction to the extent of fifty cents. No changes were made in the customs and excise duties. We feel it is well to draw attention to the very large amount of money that we have to pay to the Dominion government in the way of customs, excise and sales tax. During the fiscal year the dispensaries paid to the Department of Customs and Excise, directly or indirectly through the Canadian distillers, brewers and wine growers the sum of \$2,370,903.59.

PURCHASES

We adhered strictly to the policy of purchasing liquors from long-established and well-known firms, and purchases were made with a view to turning over the same as quickly as possible. Stocks on hand, valued at cost, at the close of the year amounted to \$640,982.77, as against \$742,396.24 at the same date last year. It is our practice to order fairly heavily in the fall, so that shipments may reach Montreal before the close of navigation on the St. Lawrence river, and this year many of the orders did not reach our central warehouse until the month of November, otherwise the value of stock on hand at the close of the fiscal year would have been considerably higher.

PRESCRIPTIONS AND OTHER ORDERS

During the fiscal year the total number of prescriptions and other orders received at the dispensaries was 836,025, an increase of 5,914 over the preceding year.

FINANCIAL STATEMENT

Sales.—The total sales amounted to \$5,083,340.23 as against \$5,065,997.44 for the previous twelve months. The daily average was \$16,832.25. When the selling prices of the liquors were substantially reduced in February we naturally anticipated a decrease in sales as contrasted with the preceding year, even though a slight increase was shown in the number of prescriptions and other orders filled. It would appear that apart from the increase in the number of prescriptions and other orders filled there were several other reasons for the increase. There was a very considerable increase in the value of the druggists' orders, particularly the orders for alcohol; likewise the physicians' orders for office use; also the orders from the hospitals. After the reduction in prices the sales of domestic liquors decreased, whereas there was an increase in the sales of imported liquors, and as the selling prices of imported strong liquors are considerably higher than the selling prices of domestic strong liquors sales were accordingly increased. Sales showed 68% imported liquors and 32% domestic by value, and 65% imported and 35% domestic by gallonage, compared with 65% imported and 35% domestic by value and 62½% imported and 37½% domestic by gallonage during the year ending October 31st, 1925.

Gross Profits.—Once again we reduced our percentage of gross profits due to the reduction in our selling prices. The gross profit made was 24.38%, or including hospital sales, 24.27%. In 1920 the gross profit was 41.06%; in 1921, 36.56%; in 1922, 33.81%; in 1923, 30.61%; in 1924, 27.05%, and in 1925, 25.98%, but the figures for 1920 and 1921 did not include hospital and other sales by Head Office, which would have reduced the percentage slightly.

Payments.—During the course of the year we paid to the Provincial Treasurer the sum of \$1,000,000.00. Since the dispensaries came into operation, we have paid to the Provincial Treasurer a total sum of \$5,250,000.00.

Overhead.—The percentage of operating expenses was 9.60, in which are included the discounts to druggists, amounting to 1.18, and the mail order expense, including prepaid express charges, amounting to 3.07. The corresponding percentages last year were 9.48; 1.19 and 2.80.

Breakage.—Interior and irrecoverable breakage was .015% of the sales, the lowest figure we have reached, as against .02% last year. We have continued to insist on an improvement in the packing of our liquors on the part of overseas shippers, and the policy in question has aided us materially in keeping down our loss by breakage.

PROPORTION OF BRANDS SOLD

	July, 1926		October, 1926	
Alcohol, bottled.....	\$4,66½	or 1.1%	\$5,946	or 1.32%
Alcohol, canned.....	15,017	3.7	15,864	3.6
Ale and Stout, Bass and Guinness.....	7,542	1.84	4,787	1.1
Ale, etc., domestic.....	23,095	5.7	10,839	2.4
Bitters.....	252	.06	252	.06
Brandy.....	28,513	7.0	37,841	8.6
Champagne.....	900	.2	810	.2
Gin.....	44,471	10.9	32,501	7.4
Liqueurs.....	542	.1	854	.2
Port Wine.....	885	.2	946	.22
Rum.....	10,745	2.6	20,137	4.6
Sherries.....	390	.1	408	.1
SIX-OUNCE DISPENSARY BOTTLING:				
Brandy, Gin, Rum, Rye and Scotch.....	11,899	2.9	13,725	3.1
WHISKIES:				
Canadian, 40-ounce, 26-ounce, 20-ounce.....	76,685	19.0	86,784	19.8
Canadian, 6-ounce.....	10,358	2.5	11,451	2.6
Irish.....	13,819	3.4	17,284	3.9
Scotch.....	157,715	38.7	178,853	40.8
		100		100

VARIOUS DEPARTMENTS

Head Office.—The same high standard of efficiency was maintained as in past years. The accounting branch continued to prepare for the Board the monthly financial statement, reports of the daily sales made by the dispensaries, and a monthly statement of the stock movement. The Board was also supplied with the usual reports of inspection of the various dispensaries and central warehouse, and many special reports, a large number pertaining to confiscated stock. In connection with the work carried on by head office it should be borne in mind, a matter that is referred to in the auditors' report, that the bulk of the sales are made in single bottles and that a record has to be kept of every bottle.

Censor's Department.—This department has continued to furnish to the Board every month, a statement containing the number of prescriptions issued by each physician on the dispensaries and on the drug stores of the province; also the quantities of liquor obtained on requisitions by physicians for office use,

by dentists, druggists, veterinary surgeons, manufacturers and hospitals. Many special reports involving considerable detail work were furnished throughout the year. It is necessary for the department to keep constantly in touch with the various governing bodies of the physicians, dentists, druggists and veterinary surgeons so that the dispensaries shall always be in possession of authentic lists.

Central Warehouse.—All the imported goods and the greater proportion of the domestic liquors are received in this department and distributed to the various dispensaries. All our bottling is done here. In addition, all confiscated stock is sent to this department for examination, storage and subsequent disposal; no small task in itself. The utmost care has to be taken in the weighing in of the cases, in order that all breakage and pilferage may be detected, so that the head office shall be furnished with the data required for instituting claims against the transportation companies. Last year the department handled 189,864 cases containing liquor.

Dispensaries.—The loyal and efficient service of all the store employees has been manifest at all times. Prompt despatch of mail orders and city deliveries was, as usual, carefully observed.

In closing we desire to express our thanks to the Board. From Messrs. Clarkson, Gordon and Dilworth, our auditors, we received many valuable suggestions.

Yours very truly,

ONTARIO GOVERNMENT DISPENSARIES,

A. H. BIRMINGHAM,

General Manager.

ONTARIO GOVERNMENT DISPENSARIES

REPORT OF AUDITORS

TORONTO, 28th December, 1926.

JAMES HALES, ESQ.,

Chairman, Board of License Commissioners of Ontario,
25 Queen's Park, Toronto.

DEAR SIR,—

We have audited the books and accounts of the Dispensaries, Central Office and Central Warehouse for the year ending 31st October, 1926, and have prepared the enclosed balance sheet and schedules relative thereto, which, subject to the following remarks, exhibit a true and correct view of the position of the undertaking on 31st October, 1926, and a correct statement of the earnings for the year.

We report in detail as follows:—

BALANCE SHEET

ASSETS

Real Estate and Buildings, \$215,025.25.

Of this amount \$34,441.37 represents the cost of the land at the rear of 154 Wellington Street West purchased in 1922 and the garage building erected thereon, and \$205,000.00 the cost price of the land and buildings at 154 Wellington Street West, also purchased in 1922. Depreciation at the rate of five per cent. per annum has been provided on the cost of the garage building and on an estimated value of \$133,500.00 for the building at 154 Wellington Street West, making a total provision for depreciation to 31st October, 1926, of \$24,416.12.

We have not on this occasion examined the title to these properties, but we saw a copy of the title deeds at the time of purchase certified by the Department of Public Works as being a true copy.

Petty cash.....	\$2,575 00
Dominion Bank, Toronto.....	27,319 67
	\$29,894 67

We verified the cash at Central Office and at Dispensary No. 1 by actual count on 30th October, 1926, and received a certificate from the Branch Manager of each dispensary and a representative from Central Office as to the amounts on hand at the dispensaries.

The bank balances are in agreement with certificates from your bankers after allowing for outstanding cheques.

Accounts receivable, hospitals and other institutions, etc.....	\$6,697 45
Freight claims and duty recoverable.....	1,610 41
Accrued Bank interest.....	1,750 40
Prepaid charges, stamps, etc.....	1,358 40
	\$11,416 66

We have carefully examined the accounts, which consist principally of balances owing from hospitals and other institutions, and in our opinion these will be collected without appreciable loss. The accrued bank interest has been compared with the monthly reports from your bankers. Sufficient reserve has been provided to cover any loss in collection of freight claims.

Stock of liquors at cost price.....	\$640,982 77
Stock in transit.....	187,161 36

Your general manager has certified that an inventory of Central Warehouse stock was taken under his supervision on 30th October, 1926, amounting to \$413,981.65, and was priced at cost excluding unpaid duty on goods still in bond amounting to \$419,909.45.

The inventories at the dispensaries were taken by the managers and one of the Central Office staff and together with the Central Warehouse stock were checked with the stock ledgers kept at the Central Office and found to be in accordance therewith. Your chief stock accountant has certified that he has checked the costing, extensions and additions of all the inventories and has also compared the quantities with the stock ledgers and that they are correct.

Included in the inventories are goods in transit amounting to \$187,161.36, details of which are given in Schedule 6. As these stocks are purchased f.o.b. shipping point and the dispensaries own the goods from the date of shipment, they are included in the inventories at cost of goods plus freight and insurance and a liability set up for the unpaid portion of the purchase price.

Attached hereto, Schedule 5, is a statement showing the value of the stock in hand and of the furniture and fixtures at each dispensary, also the amount of fire and other insurance carried.

The confiscated stock on hand at Toronto, 31st October, 1926, amounting to \$12,232.78, is not included in the assets as the dispensaries only handle the stock and keep the records on behalf of the Board of License Commissioners, purchasing from the Board such stock as they require from time to time.

Samples of liquor, which your general manager estimates are of considerable value, are not included in the assets, but he informs us that proper record is kept of all samples received or used.

Fire, riot and burglary insurance is carried on confiscated liquors in conjunction with liquors, etc., owned by the Ontario Government dispensaries as shown in Schedule 5.

Cases, barrels, etc., on hand.....	\$116 77
Stationery and supplies.....	8,103 23

The chief stock accountant certifies that stationery and supplies on hand, priced at cost, amounted to \$8,103.23. A reserve has been provided for the whole amount. He also certifies that there are sufficient empty cases and other containers on hand and returnable to the brewers and distillers at invoice cost to cover the total value of the cases and barrels.

LIABILITIES

Accounts Payable, \$188,679.36.

Your accountant has certified that all known liabilities to 31st October, 1926, were included in the books at that date.

Contingent Liabilities.

The invoice cost plus freight, duty and insurance of goods ordered but not received to 31st October, 1926, amounted to \$130,073.70; the duty payable on stocks in bond amounted to \$419,909.45, and the duty on stocks in transit, to \$334,846.25. Your general manager certified that these amounts were correct.

Leases.

Schedule 7 gives a description of the various premises occupied by your dispensaries under leasehold.

Reserve for Supplies and Contingencies, \$15,284.14.

This includes a reserve for the total amount of the stationery and supplies and sufficient to provide for any losses in the collection of the claims and accounts receivable.

Surplus, \$888,737.21.

This is the balance of profits made since the dispensaries were opened on 24th May, 1919, after paying \$5,250,000 to the Provincial Treasurer and writing off the whole of the machinery, equipment and office furniture, and alterations to the building at 154 Wellington Street West.

Details of the profits earned for the year ending 31st October, 1926, are shown in the attached Schedules 1, 2 and 3. We have to report on the principal items as follows:

PROFIT AND LOSS ACCOUNT—SCHEDULE 1

This schedule shows in detail the operations of the various dispensaries. The liquors are purchased through the Central Warehouse and are charged up to the various dispensaries at cost.

The gross profits resulting from sales at dispensaries amounted to	\$1,225,290	87	24.38%
From this must be deducted the following:			
Discount on sales to chemists and druggists.	\$59,623	70	1.18%
Mail order and delivery expenses.	154,129	23	3.07%
Operating expense, including Central Office and Central Warehouse expense.	268,894	34	5.35%
			482,647 27 9.60%
Leaving a net profit on operations of dispensaries of.	\$742,643	60	14.78%

Your policy is to sell the liquors at the same price throughout the province and to pay the expense of special packing and express charges. We have shown on the same schedule the comparative statements of the total business done by each dispensary.

The percentage of gross profits earned by each dispensary were:

No. 1—Toronto	24.71	per cent. of sales
“ 2—Toronto	24.75	“ “
“ 3—Hamilton	23.67	“ “
“ 4—London	23.70	“ “
“ 5—Windsor	24.71	“ “
“ 6—Kingston	23.80	“ “
“ 7—Ottawa	24.49	“ “
“ 8—Fort William	25.11	“ “

The reduction in the gross profit percentages is the result of the price reductions which were made during the year.

OPERATING EXPENSES—SCHEDULE 2

This schedule shows details of the various expenses together with the percentages that these expenses bear to the sales. The largest item consists of salaries, etc., \$188,307.13, being approximately 3.75 per cent. of the total sales of \$5,025,798.07. It must, however, be borne in mind that the bulk of the sales are made in single bottles and record has to be kept of every bottle at the Central Office. The amount written off for breakages is \$771.81 or .015 per cent. of the sales. Under the present system of cost records it is the only item of stock which cannot be checked and should be subject to the closest supervision by the management.

When bulk liquor is bottled it is usually found that small overages or shortages occur, due partly to the fact that the quantities invoiced in bulk vary slightly from the actual quantities received and perhaps also to a certain amount of wastage in bottling through dripping and other causes.

We believe, however, that the bottling is carefully done and supervised and that the actual number of bottles reported as having been produced are taken into the stock record but think it well to draw attention to these variations so that you may be familiar with the circumstances.

NET PROFIT AND LOSS ACCOUNT—SCHEDULE 3

This schedule shows the total sales for the year, including sales of alcohol and sales to hospitals, and miscellaneous receipts, and the net profits after charging up the cost of alcohol sold and liquors sold to hospitals and writing off the expenditure on machinery, equipment, furniture and alterations to building. The percentage of net profits to total sales was 14.92 per cent.

Yours faithfully,

CLARKSON, GORDON & DILWORTH.

ONTARIO GOVERNMENT DISPENSARIES

Balance Sheet, 31st October, 1926

ASSETS

Real Estate and Buildings:			
Land, 69 Simcoe Street.....	\$20,000	00	
Garage Building, 69 Simcoe Street.....	14,441	37	
			\$34,441 37
Land and Buildings, 154 Wellington Street West.....			205,000 00
			<u>\$239,441 37</u>
Less: Reserve for depreciation of buildings.....			24,416 12
			<u>\$215,025 25</u>
Cash and Bank Balances:			
Petty Cash.....	\$2,575	00	
In Dominion Bank, Toronto.....	27,319	67	
			<u>29,894 67</u>
Accounts Receivable:			
Hospitals and other Institutions, etc.....	\$6,697	45	
Freight claims and duty recoverable.....	1,610	41	
Accrued Bank interest.....	1,750	40	
Prepaid, charges, stamps, etc.....	1,358	40	
			<u>11,416 66</u>
Inventories:			
Stock at cost (Schedule 5).....	\$640,982	77	
Stock in transit (Schedule 5).....	187,161	36	
Cases, barrels, etc., on hand.....		116 77	
Stationery and supplies.....	8,103	23	
			<u>836 364 13</u>
			<u>\$1,092,700 71</u>

LIABILITIES

Accounts payable.....			\$188,679 36
Reserve for supplies and contingencies.....			15,284 14
Surplus:			
Balance at 1st November, 1925.....	\$1,130,266	38	
Profit for year.....	758,470	83	
			<u>\$1,888,737 21</u>
Less: Paid to Provincial Treasurer.....			1,000,000 00
			<u>888,737 21</u>
Contingent Liabilities:			
For undelivered orders.....	\$130,073	70	
For duty on stocks in bond.....	419,909	45	
Duty on goods in transit.....	334,846	25	
			<u>\$1,092,700 71</u>

Referred to in our report of this date attached.

CLARKSON, GORDON & DILWORTH,

Chartered Accountants.

TORONTO, 28th December, 1926.

ONTARIO GOVERNMENT DISPENSARIES

PROFIT AND LOSS ACCOUNT FOR YEAR ENDING 31ST OCTOBER, 1926

	Dispensary No. 1 Toronto		Dispensary No. 2 Toronto		Dispensary No. 3 Hamilton				
	Amount	Per-centage	Amount	Per-centage	Amount	Per-centage			
	\$	c.	\$	c.	\$	c.			
Stock on hand, 1st November, 1925.....	32,006	78	1.51	20,620	89	4.10	32,987	19	5.02
Stock purchased from Central Warehouse.....	1,596,402	22	75.47	375,561	26	74.64	499,429	83	76.05
Returns to stock.....	29	42					13	15	
	1,628,438	42	76.98	396,182	15	78.74	532,430	17	81.07
Deduct:									
Breakage recoverable.....							44	03	
Breakage interior and irrecoverable.....	230	21	.01	141	74	.03	154	73	.02
Stock on hand, 31st October, 1926.....	35,535	13	1.68	17,389	43	3.46	30,970	21	4.72
	35,765	34	1.69	17,531	17	3.49	31,168	97	4.74
Cost of stock sold.....	1,592,673	08	75.29	378,650	98	75.25	501,261	20	76.33
Sales.....	2,115,214	29	100.00	503,165	95	100.00	656,731	97	100.00
Gross profit on sales.....	522,541	21	24.71	124,514	97	24.75	155,470	77	23.67
Deduct:									
Operating expenses.....	85,805	89	4.06	24,935	95	4.95	38,051	83	5.79
Discounts.....	26,394	21	1.25	2,401	94	.48	7,088	39	1.08
Delivery and mail order expense.....	66,583	93	3.15	2,699	22	.54	19,478	16	2.96
	178,784	03	8.46	30,037	11	5.97	64,618	38	9.83
Net profit.....	343,757	18	16.25	94,477	86	18.78	90,852	39	13.84

COMPARATIVE STATEMENT OF PERCENTAGE OF SALES, ETC., ATTRIBUTABLE TO EACH DISPENSARY

	\$	c.		\$	c.		\$	c.	
Counter sales.....	1,391,174	13	41.93	503,165	95	15.16	450,178	68	13.57
Mail order sales.....	724,040	16	42.40				206,553	29	12.10
Cost of stock sold.....	1,592,673	08	41.96	378,650	98	9.96	501,261	20	13.19
Gross profit.....	522,541	21	42.65	124,514	97	10.16	155,470	77	12.70
Operating expenses.....	85,805	89	31.91	24,935	95	9.27	38,051	83	14.15
Discounts.....	26,394	21	44.28	2,401	94	4.03	7,088	39	11.89
Delivery and mail order shipping.....	66,583	93	43.20	2,699	22	1.75	19,478	16	12.64
Net profit.....	343,757	18	46.29	94,477	86	12.72	90,852	39	12.23

ONTARIO GOVERNMENT DISPENSARIES

PROFIT AND LOSS ACCOUNT FOR YEAR ENDING 31ST OCTOBER, 1926—*Continued*

	Dispensary No. 4 London		Dispensary No. 5 Windsor		Dispensary No. 6 Kingston	
	Amount	Per-centage	Amount	Per-centage	Amount	Per-centage
	\$ c.		\$ c.		\$ c.	
Stock on hand, 1st November, 1925.....	30,702 23	5.19	25,598 19	11.39	31,636 32	7.38
Stock purchased from Central Warehouse.....	451,504 04	76.26	170,265 54	75.75	325,736 76	76.04
Returns to stock.....	8 15				20	
	482,214 42	81.45	195,863 73	87.14	357,373 28	83.42
Deduct:						
Breakage recoverable.....	157 24	.03	156 00	.07	317 99	.07
Breakage, interior and irrecoverable.....	110 75	.02	36 40	.01	38 35	.01
Stock on hand, 31st October, 1926.....	30,166 91	5.10	26,448 65	11.77	30,579 35	7.14
	30,134 90	5.15	26,641 05	11.85	30,935 69	7.22
Cost of stock sold.....	451,779 52	76.30	169,222 68	75.29	326,437 59	76.20
Sales.....	592,064 63	100.00	224,751 35	100.00	428,387 05	100.00
Gross profit on sales.....	140,285 11	23.70	55,528 67	24.71	101,949 46	23.80
Deduct:						
Operating expenses.....	32,843 56	5.55	20,247 85	9.01	24,972 13	5.83
Discounts.....	9,658 47	1.63	1,794 07	.80	6,472 22	1.51
Delivery and mail order expense.....	21,953 02	3.71	3,687 46	1.64	20,402 25	4.76
	64,455 05	10.89	25,729 38	11.45	51,846 60	12.10
Net profit.....	75,830 06	12.91	29,799 29	13.26	50,102 86	11.70

COMPARATIVE STATEMENT OF PERCENTAGE OF SALES, ETC., ATTRIBUTABLE TO EACH DISPENSARY—*Continued*

	\$ c.		\$ c.		\$ c.	
Counter sales.....	311,274 13	9.38	191,170 31	5.76	181,723 87	5.48
Mail order sales.....	280,790 50	16.44	33,581 04	1.96	246,663 18	14.44
Cost of stock sold.....	451,779 52	11.89	169,222 68	4.45	326,437 59	8.59
Gross profit.....	140,285 11	11.45	55,528 67	4.53	101,949 46	8.32
Operating expenses.....	32,843 56	12.22	20,247 85	7.53	24,972 13	9.29
Discounts.....	9,658 47	16.20	1,794 07	3.01	6,472 22	10.84
Delivery and mail order shipping.....	21,953 02	14.24	3,687 46	2.39	20,402 25	13.24
Net profit.....	75,830 06	10.21	29,799 29	4.01	50,102 86	6.75

ONTARIO GOVERNMENT DISPENSARIES

PROFIT AND LOSS ACCOUNT FOR YEAR ENDING 31ST OCTOBER, 1926—*Continued*

	Dispensary No. 7 Ottawa		Dispensary No. 8 Fort William		Total	
	Amount	Per-centage	Amount	Per-centage	Amount	Per-centage
	\$ c.		\$ c.		\$ c.	
Stock on hand, 1st November, 1925.....	29,492 55	9.63	31,501 63	15.82	234,545 78	4.67
Stock purchased from Central Warehouse.....	227,058 10	74.10	148,468 81	74.58	3,794,426 56	75.50
Returns to stock.....	7 15		166 60	.08	224 67	
	256,557 80	83.73	180,137 04	90.48	4,029,197 01	80.17
Deduct:						
Breakage recoverable.....	118 66	.04	101 66	.05	895 58	.02
Breakage, interior and irrecoverable.....	28 92	.01	52 01	.03	793 11	.02
Stock on hand, 31st October, 1926.....	25,031 21	8.17	30,880 23	15.51	227,001 12	4.51
	25,178 79	8.22	31,033 90	15.59	228,689 81	4.55
Cost of stock sold.....	231,379 01	75.51	149,103 14	74.89	3,800,507 20	75.62
Sales.....	306,405 94	100.00	199,076 89	100.00	5,025,798 07	100.00
Gross profit on sales.....	75,026 93	24.49	49,973 75	25.11	1,225,290 87	24.38
Deduct:						
Operating expenses.....	21,450 34	7.00	20,586 79	10.34	268,894 34	5.35
Discounts.....	2,327 61	.76	3,486 79	1.75	59,623 70	1.18
Delivery and mail order expense.....	11,729 53	3.83	7,595 66	3.82	154,129 23	3.07
	35,507 48	11.59	31,669 24	15.91	482,647 27	9.60
Net profit.....	39,519 45	12.90	18,304 51	9.20	742,643 60	14.78

COMPARATIVE STATEMENT OF PERCENTAGE OF SALES, ETC., ATTRIBUTABLE TO EACH DISPENSARY—*Continued*

	\$ c.		\$ c.		\$ c.	
Counter sales.....	156,907 53	4.73	132,293 81	3.99	3,317,888 41	100.00
Mail order sales.....	149,498 41	8.75	66,783 08	3.91	1,707,909 66	100.00
Cost of stock sold.....	231,379 01	6.09	149,103 14	3.93	3,800,507 20	100.00
Gross profit.....	75,026 93	6.12	49,973 75	4.07	1,225,290 87	100.00
Operating expenses.....	21,450 34	7.98	20,586 79	7.65	268,894 34	100.00
Discounts.....	2,327 61	3.90	3,486 79	5.85	59,623 70	100.00
Delivery and mail order shipping.....	11,729 53	7.61	7,595 66	4.93	154,129 23	100.00
Net profit.....	39,519 45	5.32	18,304 51	2.47	742,643 60	100.00

ONTARIO GOVERNMENT DISPENSARIES

OPERATING EXPENSES FOR YEAR ENDING 31ST OCTOBER, 1926

	Dispensary No. 1 Toronto		Dispensary No. 2 Toronto		Dispensary No. 3 Hamilton	
	Amount	Per-centage	Amount	Per-centage	Amount	Per-centage
	\$ c.		\$ c.		\$ c.	
Salaries.....	32,737 15	1.55	10,504 08	2.09	15,972 68	2.44
Executive salaries.....						
Rentals and taxes.....	2,006 77	.09	1,500 00	.30	3,000 00	.46
Auditing.....						
Travelling expenses.....						
Insurance.....	991 89	.05	581 93	.11	665 66	.10
Postage.....	539.42	.03	6 40		323 45	.05
Stationery.....	934 28	.04	291 52	.06	440 63	.07
Telephone.....	96 60		64 08	.01	114 97	.01
Telegrams.....	1 53				33	
Breakage.....	228 02	.01	60 74	.01	154 19	.02
Bottling expense.....						
Expense supplies.....	244 42	.01	280 55	.06	267 66	.04
Light, heat and power.....	353 60	.02	364 22	.07	835 09	.12
Repairs and maintenance.....	363 58	.02	12 50		15 96	
Sundries.....	462 50	.02	126 20	.02	292 63	.04
Freight charges.....					1,423 79	.22
Truck maintenance.....						
Packing.....						
Proportion, Chief Censor's Department expense.....	8,681 29	.41	2,065 10	.41	2,695 37	.41
Proportion, Central Office expenses.....	25,313 69	1.20	6,021 61	1.20	7,859 40	1.20
Proportion, Central Warehouse expenses.....	12,851 15	.61	3,057 02	.61	3,990 02	.61
Total general expenses.....	85,805 89	4.06	24,935 95	4.95	38,051 83	5.79
Total cash discounts.....	26,394 21	1.25	2,401 94	.48	7,088 39	1.08
Express and storage charges....	52,772 11	2.50			16,074 24	2.45
Cartage.....						
Truck maintenance.....	6,901 52	.32	2,699 22	.54	1,358 29	.20
Packing materials.....	6,910 30	.33			2,045 63	.31
Total mail order and delivery expenses.....	66,583 93	3.15	2,699 22	.54	19,478 16	2.96
Total operating expenses.....	178,784 03	8.46	30,037 11	5.97	64,618 38	9.83

ONTARIO GOVERNMENT DISPENSARIES

OPERATING EXPENSES FOR YEAR ENDING 31ST OCTOBER, 1926—Continued

	Dispensary No. 4 London		Dispensary No. 5 Windsor		Dispensary No. 6 Kingston	
	Amount	Per-centage	Amount	Per-centage	Amount	Per-centage
	\$ c.		\$ c.		\$ c.	
Salaries.....	12,539 88	2.12	10,079 08	4.49	9,174 50	2.14
Executive salaries.....						
Rentals and taxes.....	1,800 00	.30	2,190 00	.97	1,200 00	.28
Auditing.....						
Travelling expenses.....						
Insurance.....	1,043 07	.18	629 28	.28	624 58	.15
Postage.....	310 20	.05	114 85	.05	317 16	.07
Stationery.....	420 41	.07	196 84	.09	289 14	.07
Telephone.....	94 02	.02	55 81	.02	100 36	.02
Telegrams.....	6 70		6 13			
Breakage.....	110 75	.02	32 99	.01	38 09	.01
Bottling expense.....						
Expense supplies.....	206 99	.03	122 98	.05	51 12	.01
Light, heat and power.....	72 43	.01	115 33	.05	86 47	.02
Repairs and maintenance.....	105 64	.02	82 65	.04	34 40	.01
Sundries.....	209 28	.04	79 20	.04	399 75	.09
Freight charges.....	2,811 60	.47	1,565 10	.70	3,168 98	.74
Truck maintenance.....						
Packing.....						
Proportion, Chief Censor's Department expense.....	2,429 95	.41	922 42	.41	1,758 19	.41
Proportion, Central Office expenses.....	7,085 50	1.20	2,689 70	1.20	5,126 69	1.20
Proportion, Central Warehouse expenses.....	3,597 14	.61	1,365 49	.61	2,602 70	.61
Total general expenses.....	32,843 56	5.55	20,247 85	9.01	24,972 13	5.83
Total cash discounts.....	9,658 47	1.63	1,794 07	.80	6,472 22	1.51
Express and storage charges....	18,259 38	3.09	2,007 41	.89	17,788 33	4.15
Cartage.....					425 35	.10
Truck maintenance.....	1,431 18	.24	1,364 64	.61		
Packing materials.....	2,262 46	.38	315 41	.14	2,188 57	.51
Total mail order and delivery expenses.....	21,953 02	3.71	3,687 46	1.64	20,402 25	4.76
Total operating expenses.....	64,455 05	10.89	25,729 38	11.45	51,846 60	12.10

ONTARIO GOVERNMENT DISPENSARIES

OPERATING EXPENSES FOR YEAR ENDING 31ST OCTOBER, 1926—Continued

	Dispensary No. 7 Ottawa		Dispensary No. 8 Fort William		Chief Censor's Department
	Amount	Per- centage	Amount	Per- centage	Amount
	\$ c.		\$ c.		\$ c.
Salaries.....	8,089 21	2.64	8,942 80	4.49	16,400 71
Executive salaries.....					
Rentals and taxes.....	1,800 00	.59	1,800 00	.91	278 04
Auditing.....					
Travelling expenses.....					
Insurance.....	762 93	.25	1,007 55	.51	85 46
Postage.....	188 51	.06	149 15	.07	963 25
Stationery.....	244 59	.08	165 76	.08	2,022 18
Telephone.....	76 61	.02	61 00	.03	93 28
Telegrams.....	3 45		11 61		
Breakage.....	28 92	.01	52 01	.03	
Bottling expense.....					
Expense supplies.....	94 06	.03	81 58	.04	190 92
Light, heat and power.....	64 74	.02	187 03	.09	189 55
Repairs and maintenance.....	31 51	.01	108 08	.05	163 49
Sundries.....	214 87	.07	194 72	.10	240 05
Freight charges.....	3,064 90	1.00	3,416 50	1.72	
Truck maintenance.....					
Packing.....					
Proportion, Chief Censor's De- partment expense.....	1,257 56	.41	817 05	.41	20,626 93
Proportion, Central Office ex- penses.....	3,666 89	1.20	2,382 44	1.20	
Proportion, Central Warehouse expenses.....	1,861 59	.61	1,209 51	.61	
Total general expenses.....	21,450 34	7.00	20,586 79	10.34	
Total cash discounts.....	2,327 61	.76	3,486 79	1.75	
Express and storage charges.....	9,524 25	3.11	5,497 16	2.76	
Cartage.....					
Truck maintenance.....	1,086 07	.35	1,423 95	.72	
Packing materials.....	1,119 21	.37	674 55	.34	
Total mail order and delivery ex- penses.....	11,729 53	3.83	7,595 66	3.82	
Total operating expenses.....	35,507 48	11.59	31,669 24	15.91	

ONTARIO GOVERNMENT DISPENSARIES

OPERATING EXPENSES FOR YEAR ENDING 31ST OCTOBER, 1926—*Continued*

	Central Warehouse	Central Office	Total	
	Amount	Amount	Amount	Per- centage
	\$ c.	\$ c.	\$ c.	
Salaries	17,843 03	37,524 01	179,807 13	3.58
Executive salaries		8,500 00	8,500 00	.17
Rentals and taxes	2,999 99	556 08	19,130 88	.38
Auditing		4,000 00	4,000 00	.08
Travelling expenses		2,605 48	2,605 48	.05
Insurance	2,550 79	500 67	9,443 81	.19
Postage		2,192 75	5,105 14	.10
Stationery	514 03	1,792 76	7,312 14	.15
Telephone	111 12	365 47	1,233 32	.02
Telegrams		204 75	234 50	.....
Breakage	66 10		771 81	.02
Bottling expense	675 58		675 58	.01
Expense supplies	1,028 43	253 62	2,822 33	.06
Light, heat and power	1,091 38	394 92	3,754 76	.07
Repairs and maintenance	534 18	490 04	1,942 03	.04
Sundries	967 03	741 99	3,928 22	.08
Freight charges		23 38	15,474 25	.31
Truck maintenance	2,120 92		2,120 92	.04
Packing	32 04		32.04	.....
Proportion, Chief Censor's Department ex- pense				
Proportion, Central Office expenses		60,145 92		
Proportion, Central Warehouse expenses	30,534 62			
Total general expenses			268,894 34	5.35
Total cash discounts			59,623 70	1.18
Express and storage charges			121,922 88	2.43
Cartage			425 35	.01
Truck maintenance			16,264 87	.32
Packing materials			15,516 13	.31
Total mail order and delivery expenses			154,129 23	3.07
Total operating expenses			482,647 27	9.60

Schedule No. 3

ONTARIO GOVERNMENT DISPENSARIES

NET PROFIT AND LOSS ACCOUNT FOR YEAR ENDING 31ST OCTOBER, 1926

Cost of stock sold at Dispensaries (Schedule 1).....	\$3,800,507 20		Percentage
Cost of stock sold to hospitals.....	36,434 25		to Total
Cost of alcohol sold.....	\$71,776 47		Sales
Less:			
Duty recoverable by hospitals (per contra).....	59,391 56		
		12,384 91	
		\$3,849,326 36	75.73
Operating Expenses (Schedule 1).....	\$268,894 34		
Discounts (Schedule 1).....	59,623 70		
Mail Order Expense (Schedule 1).....	154,129 23		
		482,647 27	9.49
Machinery, Equipment and Furniture—Balance written off.....		515 97	.01
Exchange, etc.....		43 95	
Net profit.....		758,470 83	14.92
		\$5,091,004 38	100 15
Sales at Dispensaries (Schedule 1).....	\$5,025,798 07		Percentage
" to hospitals, etc.....	42,508 41		to Total
" of alcohol to hospitals.....	\$74,425 31		Sales
Less:			
Duty recoverable by hospitals (per contra).....	59,391 56		
		15,033 75	
		\$5,083,340 23	100.
Sundry Receipts:			
Sales of empties, scrap, etc.....	\$2,175 88		
Interest on Bank balances.....	5,385 06		
Miscellaneous receipts.....	103 21		
		7,664 15	.15
		\$5,091,004 38	100.15

Schedule No. 4

ONTARIO GOVERNMENT DISPENSARIES

SUMMARY OF CENTRAL WAREHOUSE STOCK ACCOUNT FOR YEAR
ENDING 31ST OCTOBER, 1926

Stock on hand, 1st November, 1925.....	\$507,850 46
Purchases.....	1,340,477 82
Duty.....	2,370,903 59
Freight inwards and Marine Insurance.....	88,801 37
Cost of bottling liquors.....	17,105 14
	\$4,325,138 38
Less:	
Claims and breakages.....	8,519 45
	\$4,316,618 93
Cost of Shipments to Dispensaries:	
Dispensary No. 1—Toronto.....	\$1,596,402 22
Dispensary No. 2—Toronto.....	375,561 26
Dispensary No. 3—Hamilton.....	499,429 83
Dispensary No. 4—London.....	451,504 04
Dispensary No. 5—Windsor.....	170,265 54
Dispensary No. 6—Kingston.....	325,736 76
Dispensary No. 7—Ottawa.....	227,058 10
Dispensary No. 8—Fort William.....	148,468 81
	\$3,794,426 56
Cost of sales to hospitals and other institutions.....	108,210 72
Stock on hand, 31st October, 1926.....	413,981 65
	\$4,316,618 93



Ontario Department of Agriculture

REPORT

OF THE

Minister of Agriculture

Province of Ontario

FOR THE YEAR ENDING OCTOBER 31, 1926

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



ONTARIO

TORONTO

Printed by the Printer to the King's Most Excellent Majesty
1927



REPORT

OF THE

Minister of Agriculture for Ontario

1926

TO HIS HONOUR W. D. ROSS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I have the honour to submit the Annual Report of this Department for the fiscal year ending October 31st, 1926.

Climatically the season has been a somewhat unusual one. In many sections of the Province it was marked by very excessive rainfall. This affected the growing season, but it particularly affected the harvest season. The continuous rains throughout the fall months have few parallels in the records of the Province. This was particularly true in the South Western Counties. Some sections and some crops were more fortunate than others and, on the whole, the returns were just a little bit better than the previous year, as shown by the official figures of agricultural values:

	1925	1926
Field crops.....	\$250,466,000	\$261,264,000
Farm animals.....	58,041,000	62,156,000
Wool.....	1,207,000	1,084,000
Dairy products.....	100,968,000	93,915,000
Fruits and vegetables.....	22,365,000	18,347,000
Poultry and eggs.....	31,648,000	32,233,000
Fur farming.....	500,000	580,000
Maple products.....	1,716,000	1,954,000
Tobacco.....	5,276,000	5,540,000
Flax fibre.....	750,000	450,000
Clover and grass seed.....	2,822,000	4,458,000
Honey.....	1,400,000	500,000
	\$477,159,000	\$482,481,000

As to legislation, the most important item of the past session was the passing of The Dairy Products Act. This Act includes the provisions formerly contained in The Dairy Standards Act and a number of new provisions as well.

It provides for supervision of the erection of new cheese factories or creameries, for the grading of cream and for the granting of certificates to cheese and butter-makers. In addition, previous important provisions, such as the selling of milk and cream on a basis of its fat content and the safeguarding of tests, are continued. It is proposed to enforce this legislation gradually, but as rapidly as the campaign of education, which is being carried on, would seem to indicate to be desirable. The grading of cream has become an economic necessity, because high quality butter can only be made from high quality raw material. High quality raw material can only be expected if it is paid for according to its quality. These legislative features, therefore, will strengthen the work of the Department in trying to maintain and increase the standard of Ontario's dairy products. Good progress has already been made in this connection.

Under the different heads under which the Department is organized a review of the work of the year will be found. It is gratifying to note the increasing demand being made upon the Department by the farmers of the Province for information in all branches of activity.

All of which is respectfully submitted.

JOHN S. MARTIN,

Minister of Agriculture.

ONTARIO AGRICULTURAL COLLEGE

The following are the figures which show the attendance in the different courses during the past year:—

General Course.....	307	
Specialists in General Course Work.....	5	
Dairy Courses.....	213	
Stock and Seed Judging.....	67	
Poultry Raising.....	46	
Horticulture.....	152	
Apiculture.....	79	
Drainage and Drainage Surveying.....	4	
Farm Power.....	43	
Spraying.....	35	
Short Course for English Immigrant Boys.....	28	
	879	
Domestic Science (at Macdonald Institute).....	408	
Girls' Conference (Junior Women's Institute).....	214	
Summer Courses:		
High School Teachers—1st year, 32; 2nd year, 35.....	67	
Public School Teachers—1st year, 74; 2nd year, 64.....	138	
	205	
Total.....		1,706

ANALYSIS OF COLLEGE ROLL (GENERAL COURSE) 1926

FROM ONTARIO

Algoma.....	Kent.....	5	Prescott.....	
Brant.....	Lambton.....	8	Prince Edward.....	2
Bruce.....	Lanark.....	5	Rainy River.....	1
Carleton.....	Leeds.....	2	Renfrew.....	1
Dufferin.....	Lennox and Addington..	1	Russell.....	1
Dundas.....	Lincoln.....	14	Simcoe.....	7
Durham.....	Middlesex.....	12	Stormont.....	1
Elgin.....	Muskoka.....	2	Temiskaming.....	1
Essex.....	Nipissing.....	1	Thunder Bay.....	6
Frontenac.....	Northumberland.....	2	Victoria.....	1
Glengarry.....	Norfolk.....	3	Waterloo.....	5
Grenville.....	Ontario.....	1	Welland.....	5
Grey.....	Oxford.....	11	Wellington.....	28
Haldimand.....	Parry Sound.....	2	Wentworth.....	14
Halton.....	Peel.....	4	York.....	23
Hastings.....	Peterborough.....	3		
Huron.....	Perth.....	5	Total from Ontario..	257

FROM OTHER PROVINCES OF THE DOMINION

Alberta.....	3	Nova Scotia.....	7	Saskatchewan.....	3
British Columbia.....	8	Quebec.....	2		
Manitoba.....	1	Prince Edward Island... 2		Total from other	
New Brunswick.....	2			Provinces.....	28

FROM OTHER COUNTRIES

China.....	1	Ireland.....	1	Spain.....	1
Cuba.....	1	Jamaica.....	2	U.S.A.....	2
England.....	11	Newfoundland.....	1		
India.....	1	South Africa.....	1	Total from other	
				Countries.....	22
				Total.....	307

AGE AND RELIGIOUS DENOMINATIONS

The limits of age in the General Course, 1926, ranged from 18 years to 36 years. The average age was 22.

Religious denominations of students registered for the fall term were:

Anglican.....	75	Jewish.....	1	Roman Catholic.....	8
Baptist.....	23	Lutheran.....	1	United Church.....	152
Disciples of Christ.....	1	Mennonite.....	1		
Greek Orthodox.....	2	Presbyterian.....	43		

ANIMAL HUSBANDRY AND FARM DEPARTMENT

The summer of 1926 was one of the wettest on record and all crops suffered as a consequence. Alfalfa winter killed to some extent and hay was only a fair crop. Spring grains were scarcely up to average and oats rusted badly. Corn was a good crop, though late, and mangels produced abundantly. Turnips yielded only about fifty per cent. of a full crop due to the ravages of aphids and the excessive moisture. A nicotine dust spray was tried on eight acres of turnips and successfully killed the aphids at a cost of \$10.50 per acre for material. All crops were successfully harvested and fall plowing completed.

No horses were purchased during the year. Two Percheron foals were raised. Work on horse maintenance costs was continued.

The beef cattle herd was maintained at a high standard throughout the year and a new sire was purchased at \$675 to head the Shorthorn herd. Herd maintenance cost records were continued.

The dairy herd continues to improve and the average quality of the lot is of a high order. In addition to records on production and rearing costs some valuable work on veal calf costs was carried through. All cattle in both the dairy and beef barns were entered in the Federal accredited herd system and passed a clean test in July.

Never have the sheep produced more or better lambs. Eight breeds were maintained for classroom purposes.

It was a great year for hogs. Prices remained firm and returns from the large herd of hogs broke all previous records. Chief among a number of experiments under way is an investigation into the causes of losses in cold weather litters. A university graduate in biology is working on the problem.

During the year, Bulletin 299, on The Bacon Hog was revised and published as Bulletin 320. Bulletin 274 on sheep was also brought up to date.

The annual sale of surplus stock drew a record crowd and, considering conditions, was a great success, totalling over \$9,000. Hogs and dairy cattle were in keenest demand.

The College Judging Team stood second at the National Dairy Show at Detroit in twenty-seven teams, only a few points behind the winners and at the Royal Agricultural Winter Fair in Toronto, were first, scoring 330 points more than their closest competitor, standing at the top in horses, beef cattle, dairy cattle and swine, with high man in dairy cattle and in swine. Results are not yet in from Chicago.

FIELD CROP EXPERIMENTS

Under the Field Husbandry Department, the experimental work which has developed to an extensive scale, has been maintained, as well as other duties discharged.

The best varieties of nearly all the leading farm crops of Ontario have been originated at the Ontario Agricultural College by means of hybridization and selection. In a new country there is a tendency towards decreasing yields as time advances unless fertility is added to the farms from outside sources. In Ontario, however, it is interesting to know that there has been a gradual increase in acre yields in some of the principal farm crops. Based on reports of the Ontario Department of Agriculture, the following table showing average yields of grain in bushels per acre per annum for the whole Province is both interesting and suggestive:—

Crops	1882-1901 (20 years)	1902-1921 (20 years)	1922-1925 (4 years)
Oats.....	34.1	36.5	38.6
Barley.....	25.8	30.2	32.4
Winter Wheat.....	20.0	23.2	26.3

From this as well as from other information it is very evident that the introduction by the College of such varieties as Siberian, Banner, O.A.C. No. 72, O.A.C. No. 3 and O.A.C. No. 144 oats; Mandscheuri and O.A.C. No. 21 barley; Dawson's Golden Chaff and O.A.C. No. 104 winter wheat has had a very decided influence on the increase in acre yields throughout the Province. It is estimated that these increases in acre yields for the three crops here enumerated would amount, when valued at average market prices, to upwards of \$200,000,000 in the last two dozen years.

Some of the other crops on which the College has conducted plant breeding work have also increased while a few including some minor crops such as field carrots in which no plant breeding work has taken place, have actually shown a decrease in acre yields throughout Ontario. From experiments conducted at the College previous to the introduction of the new varieties of high merit it was fully expected that these would have a decided influence in the improvement of both the quality and the quantity of Ontario's field crops. The returns should be even greater as the newer and better varieties become more generally grown on all of the farms.

BIG DEMAND FOR INOCULATION

In the campaign to encourage the growing of alfalfa, carried on during the past spring, special emphasis was laid on the value of inoculation. The result was an exceptionally heavy demand on the Bacteriology Department for bacterial cultures for this purpose. This demand was more than twice as large as any previous year and it incidentally resulted in a revenue which more than offset the entire cost of the Department. The number of cultures sent out was as follows:—

For inoculating Alfalfa Seed.....	10,861
“ “ Sweet Clover Seed.....	1,617
“ “ Red Clover Seed.....	621
“ “ Alsike Clover Seed.....	204
“ “ Field Beans “.....	67
“ “ Field Peas “.....	410
“ “ Soy Beans “.....	190
“ “ Vetches “.....	22
“ “ Sweet Peas “.....	46
“ “ White Clover “.....	15
	14,053
Cultures returned by Agricultural Representatives.....	497
	13,556
<i>Lactic Cultures Prepared and Sent Out:</i>	
Escherichia acidi lactici.....	216
Lactobacillus bulgaricus.....	27
Lactobacillus acidophilus.....	12
	255

Another matter in which the Department rendered excellent service was in the examination of samples of well water. Altogether 114 samples were sent in and of these over eighty per cent. were condemned as being unfit for drinking purposes. It is evident, therefore, that this service is of great value to the farmers of the Province and should be available in any cases where the water supply is doubtful.

CHEMISTRY DEPARTMENT

Soil work has been carried on during the year quite extensively along several lines.

Three bulletins have been issued: "Soil Acidity and Liming," "Lime and Phosphate," which deals with the results obtained from three farms in each of twenty-four counties, on which phosphates were used on the wheat crop and lime on clover, "Soils and Fertilizers," which treats of the maintenance of soil fertility by the use of green manures and fertilizers.

Demonstration plots have been continued, giving very instructive results in the use of lime and potash. The Canadian Cannery and the Dominion Sugar Company are co-operating in the work, with reference to matters in which they are particularly interested, the former as to canning crops and the latter as to sugar beets.

Much work has also been done in regard to the fertilizer requirements of the potato crop and results will be issued on the basis of six years' experiments.

Soil survey work has been continued in South Western Ontario. Special interest in the growing of tobacco is accompanied by a demand for information as to the soils which are suitable for this purpose, especially the soils which are suitable for the growing of flue-cured tobacco. The soil survey work has already been of much value in this connection and will probably be of still greater value when it is completed.

BAKING SCHOOL

Some time ago, the commercial bakers, as represented by their organization, The Bread and Cake Bakers' Association, offered to erect a school for giving instruction in commercial baking, if the Government would undertake its maintenance and operation. This offer was accepted and as a consequence

the building has been in progress of erection during the past year. It is a splendid, compact, well-equipped building and it is being called "The Trent Institute," in recognition of the special efforts of Mr. E. W. Trent, the Secretary of the Association, in carrying through the plan to completion. The work which the Chemistry Department has carried on in the past, of testing flour and otherwise assisting the baking industry, will be continued from this building and in addition, courses of instruction will be given to those taking up commercial baking throughout the Province. It is expected the building will be ready for operation during the coming winter and that a start will then be made on courses of instruction.

POULTRY DEPARTMENT

The year was unusual in that hatches in general were poor, and the crop of chickens rather late. The prices for both poultry and eggs have been well maintained. The dull weather and the general lack of sunshine, throughout the winter and spring, may have had much to do with the early unsatisfactory hatching season.

The hatching and rearing at the poultry department has never been better than it was this year. There may have been several causes, but the following are worthy of attention:—

Milk as a protein source, as compared to beef scrap or tankage, has for a number of years given better hatching eggs.

The addition of two per cent. of cod liver oil to the mash has given better hatches and stronger chicks.

Old hens, or hens from laying competitions, that have made good records, are at times doubtful breeders, but if given from six to eight weeks' rest and abundance of green feed and free range, usually make the very best of breeders.

The demand for instruction in the culling of poultry continues to increase from all parts of the Province. Work was carried on along this line as extensively as facilities would permit. An effort is being made to train persons in each county to do culling so that more people can have their flocks relieved of non-productive hens.

TURKEY FARM ESTABLISHED

For some years past it has been noticeable that turkey raising has been on the decline in this Province. Statistics show that in 1898, there were over 1,000,000 head of turkeys carried in Ontario, while in 1925, the number had been reduced to about 480,000. At the same time the number of other poultry carried has greatly increased.

In view of this fact it was felt that some further attention to the problems of poultry raising should be inaugurated. No doubt the prevalence of black-head disease has been one of the factors resulting in the decrease of turkeys. Hence one hundred acres of land was purchased in Norfolk County, to be operated as a turkey farm. It will be under the direction and supervision of the poultry department of the College. It is proposed to test methods of prevention of disease, to compare the economy of raising turkeys in confined runs, alternative runs and free range and also artificial rearing, compared to natural rearing. In this way it is hoped to be able to meet the rapidly increasing demand for information on the old subject of turkey raising, which has been made upon the poultry department in recent years.

A start was made during the past summer. The land secured is of a sandy nature, rather low in fertility but with considerable grasshoppers in the district. As a beginning approximately two hundred turkeys were hatched in incubators at the College and then moved to the turkey farm about June 20th, where they were reared around coal burning brooders. They grew very well and only one was lost by disease. Crows, hawks and other pests took a few but the total loss from all causes would not be greater than ten per cent. The turkeys were started on sour milk curds, dried off with middlings, with two per cent. of cod liver oil added to the mixture. There was abundance of tender green feed and gravel was always available as a source of grit. The birds made very satisfactory progress during the season.

AGRICULTURAL ECONOMICS DEPARTMENT

This year marks the completion of the largest volume of research work on a variety of economic problems of Ontario agriculture that this department has yet attempted. The ground thus covered is partially indicated by the following list of publications issued during the year:

- (a) The Marketing of Fluid Milk in Ontario.
- (b) Marketing Ontario Tobacco.
- (c) Tobacco Farming in South Western Ontario Involving a Survey of 250 Tobacco Farms.
- (d) Cost of Making Creamery Butter in Ontario.

In addition the department inaugurated a comprehensive study of the revisions in farm practices that will inevitably be caused by the ravages of the corn borer in South Western Ontario. This project demands a practical determination of the crops that may profitably be substituted for corn in this area. This problem involves an examination of the following economic phases:

- (a) The contraction in corn acreage to meet obligatory clean-up measures.
- (b) The marketing possibilities of possible substitute crops; tobacco, sugar beets and canning crops.
- (c) The labour resources, actual and potential, for the changed farm methods and practices.
- (d) The possible modifications in live stock production and in common farm crops not directly affected by the borer.

A survey of 600 farms to procure essential data on sections (a) and (d) above has been completed and the other sections of the study are so rapidly nearing completion that a report will be issued early in the new year.

BOTANY DEPARTMENT

In addition to the regular academic work and correspondence of the department, the following investigation and extension work was carried on during the past year:

Spray service in the Province of Ontario.

Special investigations into the plant disease problems of the Essex Peninsula.

Experiments concerning the effects of various seed disinfectants in the control of cereal smuts.

Experiments in the prevention of rhizoctonia or black scurf of potatoes.

Investigations concerning the strains of canning peas resistant to root rot and experiments for the control of this disease.

Experiments for the control of onion smut.

A Uniform Rust Nursery conducted in co-operation with the Office of Cereal Investigation, United States Department of Agriculture, Washington, D.C.

Co-operative experiments in weed eradication.

Experiments in co-operation with the Department of Entomology to determine whether financial gains are to be secured from spraying commercial vineyards for the control of insects and fungus diseases and to determine the time and number of applications for best results.

Purity tests of clover and grass seed for farmers and seedsmen.

THE PROVINCIAL APIARIST

With a largely increased appropriation, attention was again directed to the work of combating foulbrood among the bees of the Province. A number of sections were chosen on which work was specially concentrated, with a view to cleaning up specified areas. In addition, regular apiary inspection was carried out.

The following is a statement of the areas where the clean-up system was carried on during the past season:

COMPARISON BETWEEN 1925 AND 1926

*Areas where clean-up system was carried out in 1925.

County	Colonies Examined	American Foulbrood	Colonies Treated	Colonies Destroyed
Peterborough.....	1,256	130	0	130
Hastings.....	1,519	173	0	173
Northumberland.....	1,502	282	11	271
Durham.....	641	32	0	32
Prince Edward.....	85	0	0	0
Totals.....	5,003	617	11	606

SAME AREAS, 1926

County	Colonies Examined	American Foulbrood	Colonies Treated	Colonies Destroyed
Peterborough.....	1,235	9	0	9
Hastings.....	678	0	0	0
Northumberland.....	3,061	86	0	86
Durham.....	169	1	0	1
Prince Edward.....	25	0	0	0
Totals.....	5,168	96	0	96

*This report does not include Townships of Hungerford, Elzevir and Madoc in Hastings County or Clarke, Darlington and Cartwright in Durham County, as this territory was not worked in 1925 for lack of time and funds. Complete summary is shown in work completed in 1926 apiary inspection.

Through a misunderstanding treating was allowed for a while in one area in Northumberland County last year. Fifty-eight of the eighty-six diseased colonies were found in this section this year.

Thus far this year \$4,161 has been received from beekeepers for registration of apiaries.

The following is a complete summary of the apiary inspection work for 1926.

SUMMARY OF APIARY INSPECTION, 1926

County	Colonies Examined	American Foulbrood	Colonies Treated	Colonies Destroyed
Brant.....	130	69	...	77
*Bruce.....	1,609	167	91	90
*Dufferin.....	289	5	...	5
*Durham.....	1,101	91	...	91
Elgin.....	548	139	4	71
Frontenac.....	308	1	...	1
Grey.....	1,489	125	41	63
*Haldimand.....	526	19	...	10
Halton.....	78	6	...	6
*Hastings.....	2,556	477	...	477
Huron.....	4,597	138	18	119
Kent.....	527	61	...	41
*Lambton.....	710	32	...	25
Lanark.....	1,148	106	...	85
Leeds.....	59	3	...	3
*Lennox and Addington.....	545	9	...	9
Lincoln.....	479	13	4	9
*Middlesex.....	1,507	877	...	879
Norfolk.....	448	189	...	10
*Northumberland.....	3,061	86	...	86
*Ontario.....	1,219	123	15	95
*Oxford.....	731	23	1	16
Peel.....	840	74	5	43
Perth.....	307	12	...	12
*Peterborough.....	1,256	9	...	9
Prescott.....	171	...	...	...
*Prince Edward.....	25	...	...	...
*Renfrew.....	581	21	...	10
*Simcoe.....	1,475	245	102	121
*Temiskaming.....	243	...	...	...
*Victoria.....	1,163	106	...	106
Waterloo.....	952	38	15	22
*Welland.....	700	61	...	61
Wellington.....	1,318	81	4	52
*Wentworth.....	3,911	314	...	275
York.....	3,759	414	104	205
Totals.....	40,366	4,134	404	3,184

*These counties are in the clean-up area for American foulbrood or have petitioned the Department to come in during the 1927 inspection season.

Experiments were carried out in the chemical treatment of foulbrood with formalin water. There were in all ten experiments, in which conditions were slightly varied. Practically one-half of these gave negative results, but as excellent results were secured in other cases, the experiments will be carried on another year.

During the year, 1,953 Italian queens were distributed to members. There were eighteen apiary demonstrations held.

The past winter and spring proved very unfavourable and as a consequence it is estimated that probably 50 per cent. of all the colonies in the Province were killed or so weakened that they were useless for honey gathering.

ONTARIO VETERINARY COLLEGE

During the 1925-26 session of instruction there were a total of sixty-six students in attendance. Of these, twenty-one were in the first year class, twenty-one in the second year class, twelve in the third and twelve in the fourth. The latter were graduated with the degree of B.V.Sc., conferred by the University of Toronto at a special convocation.

The session which commenced last fall shows sixty-seven students on the register, so that the attendance seems to continue fairly normal around these figures. The requirements for admission, being now on a basis of matriculation, are being maintained and there is a very noticeable improvement in the type of graduate being sent out from the institution. Probably at no time was a more thorough and scientific course of instruction given than at the present time.

The research and investigation work and the extension work all seem to be on an increase in accordance with the demand of the times. Research work is of value both to the students taking the course at the college and to live stock owners throughout the country in general. The demand for assistance in regard to poultry diseases has been especially great and hundreds of specimens have been sent in to the college. During the year, work has been done on the subjects hereinafter enumerated and details of this work may be found in the report of the college which is available for distribution.

Sterility cases in cattle.

Intersexuality in mammals.

The black fox industry in Ontario.

Pullorum infection in poultry.

Bacteriophage experiments.

Experiments on the disinfection of eggs and incubators.

Veterinary science in Japan.

In its extension service the college naturally works as far as possible in co-operation with the practising veterinarians throughout the Province. Veterinary surgeons and owners of animals are now frequently forwarding specimens to the college for laboratory diagnosis. A detailed laboratory report is sent back as promptly as possible in order to assist in the detection and control of the disease. In poultry alone approximately 20,000 blood serum examinations have been made during the year. There has been a very considerable demand as well for assistance in controlling fox diseases. This demand is another index both to the growth of the fox industry in the Province and to the extension and application of veterinary science. About 5,000 doses of abortion vaccine have been prepared and distributed to practising veterinarians, in order to comply with the demand of owners to have their cattle vaccinated for infection abortion.

In its Clinical Department the college applies surgery as well as medicine and a very great deal of attention has been paid to this department. Here, also, much time has been devoted to investigation of abortion and sterility in cows. Many valuable animals have been treated for the latter trouble and have been restored to usefulness.

PUBLICATIONS AND STATISTICS BRANCH

The work of compiling agricultural statistics was carried on in co-operation with the Federal authorities. The results are published from time to time as completed.

The distribution of the annual reports has been continued and the following are the figures of the numbers printed for distribution:—

Minister's Report.....	3,000
The Ontario Agricultural College.....	2,500
The Experimental Union.....	50,000
Agricultural Societies and Field Crop Competitions.....	14,000
Horticultural Societies.....	24,000
Vegetable Growers' Association.....	5,000
Ontario Veterinary College.....	4,000
Agricultural Development Branch.....	3,000
Stallion Enrolment Board.....	3,500
Agricultural Statistics.....	27,000
Fruit Growers' Association.....	4,000
Entomological Society.....	3,000
Beekeepers' Association.....	4,000
Women's Institute.....	30,000
Total.....	177,000

The following crop bulletins have been printed for distribution:—

165 December, 1925.....	35,000
166 April, 1926.....	3,000
167 May, 1926.....	3,000
168 August, 1926.....	3,000

Other bulletins printed for distribution were:—

*218 Birds of Ontario.....	6,000
*252 Preservation of Food: Home Canning.....	20,000
*274 Sheep.....	12,000
*301 The Brood Sow.....	12,000
*313 Soil Acidity and Liming.....	20,000
314 Vegetable Gardening.....	40,000
315 Plum Culture.....	12,000
316 The Cherry.....	15,000
317 Bee Diseases.....	12,000
318 Currants and Gooseberries.....	15,000
319 Nursery Stock Identification.....	15,000
320 The Bacon Hog.....	25,000
321 Lime and Phosphate.....	30,000
322 Soils and Fertilizers.....	45,000
Total.....	279,000

Circulars were printed for special distribution as follows:—

48 Hardy Alfalfa.....	75,000
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Circulars without serial number:—

Corn Borer Act and Regulations.....	9,000
*New edition.	

AGRICULTURAL AND HORTICULTURAL SOCIETIES BRANCH

AGRICULTURAL SOCIETIES

The value of the agricultural societies of Ontario to the Province whether it be the holding of exhibitions, conducting field crop competitions, the maintenance of live stock or any of the other lines which fall under their supervision, is very great from both an educational and financial standpoint. Improvement in live stock and farm products is their aim and has been during the century and a half that has elapsed since exhibitions were first organized in Canada.

Owing to bad weather conditions many fairs in 1926 suffered heavy losses in gate receipts. It required all the appropriation of \$10,000 to partially meet the claims in this connection.

Marked improvement has been shown in the exhibits of live stock, particularly in the cattle and swine classes and larger prizes are being offered for hogs of the bacon type, with a corresponding increase in the number of entries.

The department has prepared and recommended a standard prize list covering all classes shown at Ontario's fairs and exhibitions. This list was unanimously endorsed by the Ontario Association of Fairs and Exhibitions, and copies have been sent to every secretary and it is meeting with the approval of all the societies. It may be modified to suit the conditions of the smaller ones.

Each year we have a greater number of applications for departmental judges from societies. Two hundred and sixty applied for judges in 1926 and 1,190 judges were provided for this work.

The electrotypes of standard breeds which we prepared for use in prize lists have met with the approval of the officers of a number of Agricultural societies. They can be purchased for the small sum of seventy cents a piece. Two hundred and forty-four electros were furnished to societies during the year just closed.

FIELD CROP COMPETITIONS

Continued interest is being taken in the standing field crop competitions, and the rules and regulations have been improved from time to time to meet changing conditions. These competitions were organized in 1907, at which time there were one hundred named varieties of oats distributed in different sections of the Province. Last year the number was reduced to less than a half dozen of proved and tested varieties.

The combined field crop and threshed grain competitions are proving a valuable asset to the farmers of this province, who are discovering the value of seed properly cleaned and graded and of a high standard of vitality, and as the time goes by, appreciate the action of the department in introducing and demonstrating the value of up-to-date seed cleaning plants.

At the Royal Winter Fair and Canadian National Exhibition, the competitors from the field crop competitions had on display the finest grain exhibit ever shown in Canada.

HORTICULTURAL SOCIETIES

Steadily and surely the horticultural societies of Ontario are extending their work of urban and rural beautification from Kenora to Glengarry. There are now 270 branches in the Province with an approximate membership of 70,000. Twenty-eight new societies were organized in 1926 and a large number of applications are already in for 1927. The expenditure of these societies for bulbs, plants, shrubs and flowers, were, for the year just closed, \$150,841.84. The legislative grant is \$20,000. The services of fifteen lecturers were available, who delivered valuable educational lectures in different parts of the Province and a large number of flower shows were held which were attended by interested crowds.

Substantial prizes were offered by the Ontario Horticultural Association for the greatest improvement during the year of cheese factories and their surroundings. This splendid work was inaugurated by one of our enterprising farm journals, and was heartily supported by the branches of this association in different parts of the Province. In the past these food-producing centres and their surroundings, visited as they are daily during the summer season by hundreds of farmers, were far from being as well kept as they should be. A new era has dawned, and, in many sections the men in charge of these institutions are planting trees and shrubs and vines, and beauty now, instead of ugliness, prevails. Where this good work has been inaugurated, the farmers who visit these improved factories are catching the spirit of the beautification of farm homes.

As a result of what is being done all over the Province many rural horticultural societies have been organized and are doing excellent work.

ONTARIO VEGETABLE GROWERS' ASSOCIATION

Many new branches of this organization have been formed and greater interest than ever has been taken in the work of this association. In the year gone by the surroundings of the homes of vegetable growers have been somewhat neglected, but since garden competitions for the members of this association have been organized, a marked change is shown, since 40 per cent. of the score card is allowed for the care and beautification of home surroundings. The competitions for six different kinds of vegetables in the local branches have proved invaluable. Substantial prizes are offered by the Canadian National Exhibition for competition among the branches and last year these proved to be one of the biggest drawing cards in the Ontario Government Building. It is expected that at least twenty branches will compete in 1927.

ONTARIO PLOWMEN'S ASSOCIATION

Never before in the history of Ontario has there been such an interest taken in better cultivation of the soil, good plowmanship, and better seed beds than in 1926. A large number of new branches were formed in different sections of the Province and among the pioneer settlers of Northern Ontario good work is being accomplished by the branches formed there.

In 1925, at Brockville, 210 plowmen entered this great contest, and in 1926 at Lundy's Lane 243 plowboys "drove their venturesome plowshares to the steep." The Niagara Falls demonstration was the largest yet held. On this famous battle ground, one hundred years ago, the embattled farmers of Ontario fought for their freedom under the British flag and victory perched on the banners that flew

over "the thin red line." The scene was changed in October, 1926, when in friendly rivalry Canadians and their brethren across the now settled line contested for the magnificent trophies offered by the Ontario Plowmen's Association and their friends for the best work done by the farmers of an adjoining brotherhood, and in peace as well as in war Canadian plow boys were again victorious. Upwards of seventy-five thousand spectators visited during the four days of this great International Plowing Match and Farm Machinery Demonstration. The work of all the different up-to-date types of farm machinery and appliances used in Canadian farm homes was demonstrated. One feature of this demonstration was the exhibit of farm machines in use 150 years ago, the sickle and flail were shown side by side with the great harvesting and threshing machines of the twentieth century. The slow moving oxen were seen at work in close proximity to the steady step of the Clydesdale and the latest models of tractor power machines. It was indeed an inspiring sight. The tented city that housed the machines extended for three-quarters of a mile. The work of the Ontario Plowmen's Association is a valuable one, and receives the hearty approval of both rural and urban citizens. Over \$4,000 in prizes are offered in the different plowing competitions.

ONTARIO FIELD CROP AND SEED GROWERS' ASSOCIATION

This association has recently been re-organized and has a substantial membership and its members are becoming interested in the production of seed grain. The officers of this organization were the prime movers in suggesting to the department the benefits that would accrue from sending out a seed cleaning train to the different parts of the Province to demonstrate to the farmers the advantages of up-to-date seed cleaning machinery. Many thousand interested farmers visited the train as it passed through Eastern and Northern Ontario in 1926 and approximately 10,000 bushels of grain and clovers were cleaned, and a number of farmers have grouped together and purchased seed cleaning plants after viewing the work done on the seed train. For 1927 a similar train has been equipped and will stop at forty-six stations, starting in Welland County and finishing in the County of Peel on April 9th. The train is composed of a lecture car in which at each stop are delivered lectures. In another car the best varieties of grain and clover are exhibited. A third car contains several of the newest types of cleaning machines which are in continuous operation from 9 a.m. to 5 p.m. Arrangements have been made with the farmers at the different points where the train stops to bring in from seventy-five to one hundred bushels of grain and clover which is thoroughly cleaned and graded, which together with the screenings are taken home by those providing same. It is expected that not less than 10,000 farmers will visit this train at the forty-six stops in the Province. This is considered one of the best lines of agricultural educational work that has been inaugurated in recent years by the Department of Agriculture.

LIVE STOCK BRANCH

The work of the live stock branch during the past year has covered the usual wide field of activities and perhaps had better be given more in detail under the various projects handled.

ONTARIO PROVINCIAL WINTER FAIR

The Winter Fair held in Guelph, November 9th to 12th inclusive, 1925, was quite successful from the standpoint of excellence of exhibits. The entry in heavy horses was lighter than usual, but the exhibits, as a whole, were well up to the average. The most noticeable weakness in the Fair was from the standpoint of attendance, which was disappointing, considering the excellence of the show.

SUMMARY OF ENTRIES AND GATE RECEIPTS, 1916 TO 1925

	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
Heavy Horses.....	209	219	305	282	256	286	225	191	254	146
Light Horses.....	93	113	93	60	44	50	51	35	32	43
Beef Cattle.....	195	178	260	270	312	367	387	317	305	280
Dairy Cattle.....	114	105	134	134	74	101	99	87	38	88
Sheep.....	389	457	588	536	536	716	768	581	424	408
Sheep Carcasses.....	79	81	96	93	96	121	179	112	81	96
Wool.....	27	21	29	49	40	43	54	42	41	40
Swine.....	246	264	302	302	301	287	391	273	153	184
Swine Carcasses.....	38	28	45	48	34	33	134	34	45	48
Seeds.....	374	252	394	350	291	282	295	308	372	334
Fowls.....	4,123	4,588	4,730	5,066	3,918	4,154	3,817	1,570	794	1,297
Turkeys and Water Fowl.....	396	462	455	449	367	441	372	458	359	456
Pigeons and Pet Stock	681	997	1,002	1,072	587	715	763	378	247	227
Dressed Poultry.....	208	166	136	179	186	277	273	290	145	177
Gate Receipts.....	\$4,504	\$4,959	\$2,770	\$4,380	\$7,984	\$6,202	\$5,286	\$2,826	\$2,813	\$2,081

HORSE SHOWS

The following horse shows have received grants during the fiscal year, November 1st, 1925, to October 31st, 1926.

Association	Grant	No of Entries	Prize Money
Bradford.....	\$75 00	89	\$315 00
Bright.....	50 00	30	102 00
Drayton.....	50 00	22	99 50
Elora.....	75 00	66	126 00
Huron Central.....	75 00	104	555 50
Linwood.....	50 00	82	204 00
St. Clements.....	50 00	60	182 00
Toronto Open Air.....	300 00	379	622 80
	\$725 00		

LOCAL POULTRY ASSOCIATIONS

Local poultry associations again received assistance from the department through the supplying of judges, lecturers and grants to associations during the fiscal year.

Number of Associations holding a show during the fiscal year.....	59
Number of Poultry Judges supplied.....	61
Number of Lecturers.....	17
Total amount of grants paid to local Associations (November 1st, 1925, October 31st, 1926).....	\$2,500 00
Total expenditures in connection with local Poultry Associations, Judges, Lecturers, Grants, Confederation, etc.....	\$4,942 02

EXTRACTS FROM ORDER-IN-COUNCIL, GOVERNING ORGANIZATION OF LOCAL POULTRY ASSOCIATIONS

No local poultry association shall be approved by the Ontario Poultry Confederation or recognized by the Minister of Agriculture until it has a paid-up membership of sixty bona-fide poultry keepers not members of any other poultry association.

Not more than one association shall be recognized in any city with the exception of cities with a population of 200,000 or more, and not more than one poultry association shall be recognized in any electoral district unless such district includes a city under 200,000, when an additional association may be recognized in such city.

STALLION ENROLMENT

During the season of 1926 there were 1,295 stallions enrolled, which is an increase of twenty-six over the season of 1925. The following certificates were granted: 138 A-1; 376 approved form 1; 626 passed form 1 and 155 defective form 2. Out of this number, 110 horses were enrolled as premium stallions for the year 1926 and ninety-five stallion owners received cash premiums on account of the season of 1925.

PREMIUMS TO PURE BRED STALLIONS

Premiums paid to stallions in 1926 on their breeding report for the season of 1925 is given below, which shows that \$5,145 has been paid for premium horses in the Province of Ontario for 1926.

Number of In-foal Mares	Number of Stallions Qualifying	Amount of Premium Granted
20 and under.....	11	\$25 00 each
21 to 30.....	18	35 00 "
31 to 40.....	20	45 00 "
41 to 50.....	15	60 00 "
51 to 60.....	16	70 00 "
61 to 70.....	8	80 00 "
71 to 80.....	4	90 00 "
81 to 90.....	1	100 00 "
91 and over.....	2	110 00 "

It is gratifying to note the increased interest in the horse industry during the past year. Reports from stallion owners would indicate that farmers generally throughout the Province are returning to the practice of breeding horses. The larger horse shows are demonstrating clearly the demand existing for special classes and types of horses. Heavy teams have been selling at good

prices, while horses suitable for saddle purposes have been commanding great attention. There are plenty of indications that interest in horse breeding should improve during the coming years, and while the enrolment of stallions in the Province has been increasing slowly during the past three years, the type and quality of the horses being used has considerably improved.

SUMMARY FOR THE PROVINCE OF ONTARIO SHOWING BY COUNTIES THE NUMBER OF DIFFERENT BREEDS OF STALLIONS ENROLLED DURING 1926

County	Clydesdale	Percheron	Standard Bred	Belgian Draft	Thoroughbred	Hackney	French-Canadian	Shire	Suffolk	French Coach	German Coach	Ponies & Morgans	Total Horses Enrolled
Brant.....	4	6	2	2	1								15
Bruce.....	30	10	8	1			2						51
Carleton.....	24	10	6	4	1								45
Dufferin.....	22	5	2								1		30
Dundas.....	7	7	4										18
Durham.....	22	8	4	1		3							38
Elgin.....	4	10	2	1		1		1			1		20
Essex.....	5	19	2	3									29
Frontenac.....	1	8	5			1	1	1					17
Glengarry.....	9	1		1		1	1						13
Grenville.....	3		3			1							7
Grey.....	33	10	10	1		2		1					57
Haldimand.....	11	7	2	1									21
Halton.....	2	4	1		2	2							11
Hastings.....	10	9	3								1		23
Huron.....	32	16	15	1									64
Kent.....	9	19	3	5									36
Lambton.....	35	9	6	1		1		2					54
Lanark.....	8	7	5	1				1					22
Leeds.....	9	4	4										17
Lennox and Addington.....	4	4	6										14
Lincoln.....	4	4	3	1									12
Middlesex.....	21	21	17	1							1		61
Norfolk.....	6	8		1		1							16
Northumberland.....	15	8	2		2				1				28
Ontario.....	34	2	3	1		1							41
Oxford.....	5	8	6		2	1							22
Peel.....	22	11	1	1									35
Perth.....	27	11	6			2						1	47
Peterborough.....	17	10	4			2							33
Prescott.....	6	7	1		1		1						16
Prince Edward.....	2	10	2										14
Renfrew.....	19	16	2	2									39
Russell.....	8	6	3	2		1				1			21
Simcoe.....	30	13	8	1		1		1					54
Stormont.....	5	3	1			1	2						12
Victoria.....	20	8	3										31
Waterloo.....	11	7	5	3	1	1	1						29
Welland.....	2			1									3
Wellington.....	28	6	2		1	3							40
Wentworth.....	2	4	2	1									9
York.....	28	17	7	2	18	4							76
New Ontario.....	19	24	3	1					1		1		49
Outside points.....	2	2		1									5
Total.....	617	379	174	42	29	30	8	7	1	2	5	1	1,295

CLYDESDALE STALLION "MAINRING"

The Clydesdale stallion "Mainring" owned by this department, after the season of 1925 was wintered at the Ontario Agricultural College where he was used for class-room purposes. He was returned in the spring of 1926 to stand for the second season at Brooklin, Ontario. During the season of 1926 sixty-three mares were bred to "Mainring."

RAM CLUBS

Work in connection with ram clubs organized through the Live Stock Branch has been carried on during the year with very satisfactory results. Dipping, docking and castrating demonstrations have been held and the marketing end has been assisted by the holding of market lamb fairs. These fairs were held at Emo, Franktown, Middleville, Manitowaning and Little Current at which points ram clubs had previously been organized. Prizes were offered for such classes as:

- 1—Pen of ten market lambs.
- 2—Pen of five market lambs.
- 3—Single ewe or wether lamb.
- 4—Breeding pen, to consist of a pure-bred ram and three grade ewe lambs, sired by the ram shown.

All lambs were graded and marked when delivered at the fair. After the judging, the lambs were sold on a graded basis.

SUMMARY OF SHOWS AND SALES OF LAMBS IN THE MIDDLEVILLE AND FRANKTOWN RAM CLUBS, 1926

	Middleville	Franktown
Total lambs on exhibition.....	390	356
Number shipped.....	285	304
Grading as follows: Choice.....	142	139
Good.....	101	110
Heavy.....	7	30
Sheep.....	7	19
Feeders sold locally.....	28	6
	(Sold in Toronto)	

	MIDDLEVILLE		FRANKTOWN	
	S.P. Toronto	Net to Farmer	S.P. Toronto	Net to Farmer
Selling price: Choice.....	13c.	\$11 06 cwt.	(Sold locally)	10½c.
Good.....	12c.	10 06 "		10c.
Heavy.....	11c.	9 00 "		9c.
Sheep.....	3c. to 5c.	2 45 "		4c. lb. for 12
Feeders.....	11c.	9 00 "		\$2 each for 7
				8c.
Average weight per lamb: Choice.....	84½ lbs.		86½ lbs.	
Good.....	82 "		77.4 "	
Heavy.....	110 "		109½ "	
Feeders....	71 "		55.6 "	

HAVELOCK RAM CLUB

Number of lambs on exhibition . . . 140
 Number of lambs shipped 96

			Havelock Weight	Toronto Weight
			7,905 lbs.	7,360 lbs.
	Average		82.3 "	76.6 "
	" shrink			5 2/3 "
Selling price	89 choice, 6,870 lbs. at	13 3/4 c		\$944 62
"	" 4 light, 240 "	12 1/4 c		29 40
"	" 1 buck, 80 "	11 3/4 c		9 40
"	" 1 yearling, 80 "	7 c		5 60
"	" 1 yearling, 90 "	10 c		9 00
	96	7,360		\$998 02

These lambs were consigned through a local drover at a cost of eighty cents per lamb, he paying all expenses such as freight, feed, commission, etc. The average price to the farmers was approximately one cent per pound less than the above selling prices. Since the highest price paid at Toronto during the week these lambs were marketed was twelve cents, the farmers in the Havelock Ram Club benefited considerably by using better methods in breeding, feeding and care of their sheep.

SUMMARY OF SHOWS AND SALES OF LAMBS IN THE LITTLE CURRENT AND MANITOWANING RAM CLUBS, 1926

	Little Current	Manitowaning
Total lambs on exhibition	254	370
Number shipped	375	392
Grading as follows: No. 1	88	74
No. 2	96	102
No. 3	112	221
Longtails	79	5

	Little Current		Manitowaning	
	S. P. Toronto	Net to Farmer	S. P. Toronto	Net to Farmer
Selling price: Champion Wether	20c	Selling expenses per 100 lbs 96c	20c	Selling expenses per 100 lbs. \$1.23
Choice	13c		12 3/4 c	
Good	12 3/4 c		12 1/4 c	
Heavy	12c		11 1/2 c	
Longtails	12 1/4 c		3c to 5 3/4 c	
Top price: General run	12 1/2 c		12c	

	Little Current	Manitowaning
Average weight per lamb at Toronto: No. 1	71 1/4 lbs.	80 1/2 lbs.
No. 2	70 1/2 "	83 "
No. 3	74 "	82 "
Average shrinkage in shipment	8.75 "	7.9 "

SUMMARY OF SHOW AND SALE OF LAMBS, EMO RAM CLUB, 1926

Number of contributors.....	21	Grading of lambs: No. 1.....	114
Number of market lambs in fair.....	154	No. 2.....	12
		No. 3.....	28
Average weight of lambs.....		90 lbs.	
Total sheep on exhibit.....		266	
Total lambs shipped.....		191	
Average weight of lambs shipped.....		90½ lbs.	
Average shrink to Winnipeg.....		8.3 lbs.	
Average sale price at Winnipeg.....		\$12.50 per 100	

GREY COUNTY—BOYS' SHEEP CLUB

In the fall of 1920 the Ontario Live Stock Branch purchased one hundred and thirty grade ewes and placed these with twelve boys selected by the Agricultural Representative in Grey County. These ewes were all bred to good pure-bred sires when distributed and pure-bred Shropshire rams were loaned by the department for use in these flocks during the following four years. Briefly, the purpose of forming this club was to demonstrate to the sheep raisers of the county the advantages in the use of pure sires as well as the practice of dipping, docking, castrating and co-operative marketing. At the time these flocks were placed the Agricultural Representative was beginning a campaign in this county for improved practices in sheep husbandry which has since been very successful and the work carried on by the boys in this sheep club was simply a concrete example of the practices in breeding, feeding and care which were being recommended to the sheep raisers of the county.

The boys in return for the ewes given were, by agreement, to return to the department over a period of five years a number of yearling ewes equal to the total ewes in the flock when placed, and further agreed to manage this flock according to instructions from the department. As a result of ewes being returned from the flocks placed in 1920 there have been started on a similar basis:

- 6 flocks in 1922—(5 flocks of 5 ewes and 1 flock of 9 ewes).
- 7 “ 1923—(5 ewes in each).
- 8 “ 1924—(7 flocks of 5 ewes and 1 flock of 10 ewes).
- 9 “ 1925—(5 ewes in each).
- 8 “ 1926—(7 flocks of 5 ewes and 1 flock of 3 ewes).

The practice being followed is that the Agricultural Representative selects each year boys from among his junior farmers, whose farms are suitable for sheep raising and on whose farms no sheep are being kept. The sheep being placed now are much superior in uniformity and mutton conformation than the original ewes distributed as there are now three and four crosses of pure-bred sires in the present ewes. The department continues supplying each flock so placed with a pure-bred Shropshire ram for four successive years after which, when the return of ewes to the department has been completed, the boy gets title to the flock and supplies his own ram.

BACON HOG CLUBS

At the beginning of the year 1926 there were 246 active Bacon Hog Clubs, distributed in thirty-five counties. During the year this number has increased by ninety-four, the number of active clubs at the close of the year being 340, distributed in thirty-eight counties and districts as follows:

NUMBER OF CLUBS BY COUNTIES

Counties	Number of Clubs	Counties	Number of Clubs
Brant.....	8	Muskoka.....	1
Bruce.....	10	Norfolk.....	5
Carleton.....	1	Northumberland.....	21
Dufferin.....	6	Ontario.....	2
Durham.....	1	Oxford.....	17
Elgin.....	13	Peel.....	4
Essex.....	9	Perth.....	18
Frontenac.....	1	Peterboro.....	5
Glengarry.....	2	Prescott and Russell.....	3
Grey.....	35	Prince Edward.....	4
Haldimand.....	7	Renfrew.....	2
Halton.....	12	North Simcoe.....	13
Hastings.....	19	South Simcoe.....	18
Huron.....	7	Thunder Bay.....	2
Kent.....	9	Victoria.....	11
Lambton.....	6	Waterloo.....	19
Lanark.....	6	Wellington.....	17
Leeds.....	4	Wentworth.....	11
Middlesex.....	9	York.....	2

To provide for replacements and to fill new applications, 127 animals were bought from fifty-three different breeders at an average cost of \$49.61. Of this number three were of the Berkshire breed, four were Tamworth and the remainder, 120, were Yorkshire.

Animals were delivered to the clubs express or freight paid to the nearest railway station. In some cases the price paid was for the animal, delivered to the club. To take care of exchanges of animals between clubs and to deliver boars to clubs, 123 shipments were made at a total cost of \$777.31 or an average cost per shipment of \$6.23.

In sections where a number of Bacon Hog Clubs have been organized and operating for a year or more, as follow up work the Ontario Department of Agriculture, co-operating with the Dominion Department of Agriculture, assisted in the organization of special bacon hog fairs. Six such special fairs were held at the following points:

Fair	County
Mitchell.....	Perth
Stirling.....	Hastings
Colborne.....	Northumberland
Kitchener.....	Waterloo
Nelles' Corners.....	Haldimand
Stayner.....	Simcoe

In addition to financial assistance to the prize list, the Ontario Department supplied demountable hog pens and hurdles, thus making it possible to hold the fair at or near a loading station on a regular stock shipping day. The market hogs exhibited were sold by sealed tender on the day of the fair and in each case the price realized was considerably in advance of the prevailing market price for the day. Such fairs provide the hog producers in a section with an opportunity to have a competent judge sort out the desirable breeding stock. Where one or more have been held in a section the improvement in both breeding and market hogs has been very remarkable.

CO-OPERATIVE CAR SHIPMENTS OF LIVE STOCK

This is called our co-operative shipments of live stock to Western Canada and Northern Ontario. The table following will give an idea of the services rendered to Ontario breeders shipping to Western Canada for the years 1908 to 1926, inclusive:

NUMBER IN EACH SHIPMENT

Year	Horses	Cattle	Sheep	Swine	Total
1908.....	22	74	14	15	125
1909.....	25	70	84	4	183
1910.....	39	51	36	7	133
1911.....	58	51	51	18	178
1912.....	51	45	24	20	140
1913.....	47	71	107	21	246
1914.....	49	97	34	20	200
1915.....	28	104	76	8	216
1916.....	59	185	100	22	366
1917.....	70	269	196	15	550
1918.....	67	250	180	4	501
1919.....	24	154	154	4	336
1920.....	18	110	37	6	171
1921.....	1	37	19	5	26
1922.....	3	18	6	21	48
1923.....	6	32	9	28	75
1924.....	1	22	2	0	25
1925.....	1	12	11	0	24
1926.....	2	43	33	5	83

ASSISTANCE TO AUCTION SALES OF PURE-BRED LIVE STOCK

During the year November 1st, 1925, to October 31st, 1926, assistance has been given to twenty-three local associations that have held sales. A total of 816 cattle were sold and the total assistance given amounted to \$1,992. The assistance so granted is paid at the rate of \$3 per head for every animal sold, with a maximum grant to any association of \$100. Inspection of the stock offered by members of these clubs has been made, where requested, by an officer of the Live Stock Branch. Such inspection previous to the sale eliminates undesirable animals.

PURCHASE OF COWS FOR NORTHERN ONTARIO

The Department of Agriculture co-operating with the Department of Northern Development, have continued the policy of assistance in purchasing cows by settlers in Northern Ontario under the policy inaugurated during the fiscal year 1924 to 1925. Cows were purchased during the summer of 1926 by settlers of the following places:

Dryden.....	27 cows
Emo.....	10 "
Hearst.....	15 "
Kapuskasing.....	16 "
Total.....	68 cows

	Pure Breds	Grade
Breeding: Ayrshires.....	17	21
Holsteins.....	8	19
Shorthorns.....	..	3
Total.....	25	43
Average cost: \$93.27 per cow.		

LIVE STOCK EXPOSITION WINNINGS AT CHICAGO, ILL., 1926

BEEF CATTLE

Ontario was represented at Chicago with one herd of Shorthorn cattle owned by T. A. Russell, Downsview. In view of the fact that the Chicago is the greatest beef cattle show in America, the success of the Ontario entries is outstanding evidence that Ontario breeders rank high among the breeders of this continent.

Class	Total Entries	Ontario Prizes	Owner
Bull calved between June 1st, 1923 and May 31st, 1924.....	9	7th and 8th	T. A. Russell.
Cow calved before June 1st, 1923.....	15	5th	T. A. Russell.
Cow calved between June 1st, 1923 and May 31st, 1924.....	13	4th	T. A. Russell.
Heifer calved between January 1st and May 31st, 1925.....	24	1st	T. A. Russell.
Heifer calved between June 1st and September 30th, 1925.....	25	2nd	T. A. Russell.
Heifer calved between October 1st and December 31st, 1925.....	31	10th	T. A. Russell.
Heifer calved after January 1st, 1926.....	28	11th	T. A. Russell.
Cow calved before June 1st, 1923, with own calf at side, calved after October 1st, 1925.....	11	2nd	T. A. Russell.
Yearling herd—1 bull and 2 heifers, heifers to be bred by exhibitor.....	15	2nd	T. A. Russell.
Get of sire—4 animals, any age, owned by exhibitor	26	5th	T. A. Russell.

SHEEP

BREEDING CLASSES

Breed	Ontario exhibitors	Total exhibitors	Total first prizes	Ontario competed for	Ontario Won						
					First	Second	Third	Fourth	Fifth	Championship	Res. Championship
Shropshire.....	1	15	9	9	0	1	3	3	1	0	0
Oxford.....	3	9	8	8	1	2	2	3	2	0	1
Lincoln.....	2	4	8	8	5	5	2	4	2	2	0
Cotswold.....	1	5	8	8	7	4	2	3	1	2	1
Southdown.....	4	11	8	8	7	6	4	3	4	2	2
Dorset.....	1	9	9	2	1	1	0	1	0	0	0
Leicester.....	1	3	8	7	7	3	1	0	0	2	1
	13	56	58	50	28	22	14	17	10	8 out of 14	5 out of 14

Col. McEwen won Southdown Sheep Society of England Special.

This summary shows Ontario with 23 per cent. of the total exhibitors winning 56 per cent. of all first prizes competed for, with 57 per cent. of the total championships and 35 per cent. of the reserve championships.

FAT CLASSES

Breed	Total first prizes	Ontario competed for	Ontario exhibitors	Total exhibitors	Ontario Won						
					First	Second	Third	Fourth	Fifth	Championship	Res. Championship
Shropshire	3	2	1	16	2	0	0	0	0	0	1
Oxford	3	3	4	7	0	2	2	1	1	0	0
Lincoln	3	3	4	6	3	2	1	2	0	1	1
Cotswold	3	3	2	6	3	1	1	0	0	1	1
Southdown	3	3	5	20	0	0	1	0	0	0	0
Leicester	3	3	2	5	3	1	2	1	0	1	1
Grades and crosses medium wool	4	2	3	26	0	0	1	0	0	0	0
Grades and crosses long wool	4	4	5	9	3	3	3	2	2	1	0
	26	23	26	95	14	9	11	6	3	4 out of 8	4 out of 8

This shows Ontario with 27 per cent. of the total exhibitors in the fat classes winning 60 per cent. of all the first prizes competed for, with 50 per cent. of all the championships and reserve championships.

ASSISTANCE TO EXHIBITORS AT INTERNATIONAL SHOWS

The Ontario Department of Agriculture, through the Live Stock Branch, by helping in the payment of freight and other expenses, makes it possible for Ontario breeders to exhibit at foreign shows and thereby advertise the quality of Ontario live stock.

"ONTARIO AYRSHIRE WINNINGS," NATIONAL DAIRY EXPOSITION, DETROIT, MICH., OCTOBER 6TH—13TH, 1926

Class	Total Entries	Ontario Entries	Prizes Won	Name and Address of Exhibitor
<i>Bulls</i>				
Calf	21	1	5th	H. A. Swart, Simcoe.
Senior yearling	12	1	10th	Western Live Stock Corporation, Burlington.
4 years or over	12	2	6th	Western Live Stock Corporation, Burlington.
			8th	Western Live Stock Corporation, Burlington.
<i>Females</i>				
3 years and under 4	16	2	6th	Western Live Stock Corporation, Burlington.
State Herd . . . . .	..	..	4th	Ontario Ayrshires.

"ONTARIO HOLSTEIN WINNINGS," NATIONAL DAIRY EXPOSITION, DETROIT, MICH.,
OCTOBER 6TH—13TH, 1926

Class	Total Entries	Ontario Entries	Prizes Won	Name and Address of Exhibitor
<i>Bulls</i>				
Calf.....	28	3	3rd	Haley & Lee, Springford.
Junior yearling.....	8	1	4th	LeRoy Siddall & J. F. Gibbons, Denfield.
Senior yearling.....	13	1	2nd	T. O. Dolson, Brampton.
2 years and under 3..	13	1	3rd	J. W. Innes, Woodstock.
4 years or over.....	13	1	2nd	D. A. McPhee, Vankleek Hill.
<i>Females</i>				
5 years or over.....	47	3	6th	Haley & Lee, Springford.
			9th	Arbogast Bros., Sebringville.
4 years and under 5..	15	1	4th	James Rettie, Burgessville.
3 years and under 4..	21	2	5th	Haley & Lee, Springford.
2 years and under 3..	27	3	3rd	J. W. Innes, Woodstock.
			6th	Haley & Lee, Springford.
			9th	Arbogast Bros., Sebringville.
18 months and under 2 years.....	24	2	9th	J. W. Innes, Woodstock.
Junior yearling.....	25	3	1st	J. W. Innes, Woodstock.
			2nd	Arbogast Bros., Sebringville.
			3rd	Haley & Lee, Springford.
Calf.....	37	4	3rd	D. Smith & Son, Glanford Station.
			6th	D. A. McPhee, Vankleek Hill.
			10th	E. B. Durham, Smithville.
State herd.....	..	..	2nd	Ontario Holsteins.

THE DOG TAX AND SHEEP PROTECTION ACT

During the past session of the legislature an Act to impose a Tax on Dogs and for the Protection of Sheep was passed. In so far as this Act gives protection to sheep owners from the damages caused by dogs to sheep, it is well to note briefly a few of the more important points bearing on the procedure which must be followed if appeals are to be made from the award of the local valuer.

Every sheep owner, upon discovery of damage to his flock from dogs, should at once notify the local valuer or the clerk of the municipality of such loss. The local valuer, who examines the sheep, is required to make a duplicate report of his award in writing, one copy of which is given to the sheep owner and the other copy to the clerk of the municipality.

If either of the parties, i.e., the sheep owner or the municipal council, is not satisfied with the award of the local valuer, each has equal rights in making an appeal to the Minister of Agriculture for the appointment of an arbitrator whose award shall be final and must be paid. Such appeal must be accompanied by a deposit of \$25 which will be returned if the appeal is sustained and which will be forfeited if the appeal is lost.

Copies of this Act may be obtained by writing the Director of the Live Stock Branch, Ontario Department of Agriculture, Parliament Buildings, Toronto.

During the past year eight appeals have been made under this Act, seven of which have been sustained and one lost. The appeals have come from over a great territory including Rainy River, Sudbury, Prince Edward, Victoria, Simcoe, Wellington, Norfolk and Kent Counties.

INSTITUTES BRANCH

The year 1926 has witnessed expansion and effective work on the part of the Women's Institutes with an increase in the service rendered by the Institutes Branch. Educational features bearing directly upon the feeding, housing and clothing of the family have received due consideration, while many other activities as outlined in the reports of the standing committees have received the support of the Institutes in general, of which there are now 1,047 with a membership of over 35,000.

The following extracts from reports of standing committees will indicate the breadth and importance of their work:

EDUCATION

The educational programme as submitted to the Institutes for 1926 under the headings of, "The School," "School Grounds," "The Pupils," and "The Community" has been followed with splendid results. Certain lines of activities have become fairly general: supplies for schools, first aid kits, drinking fountains, towels, victrolas, book cases, pictures, books: aiding school fairs, planting shrubs, etc. During the past year, assistance has been given by many of the Institutes to musical training in the schools, one school having employed a teacher in music at \$250 per year. In another Institute \$50 was spent on a manual training outfit for the use of the teacher who was qualified to give instruction. Groups of Institutes assisted in organizing classes in manual training and providing work benches, while the local School Board gave assistance and the Department of Education paid 75 per cent. of the salary of special instructor who spent his whole time among the five centres organized.

Some have bought moving picture machines and provided the community with films of an educational character, thus raising funds to carry on the general work of the Institute. Prizes are being given to girls for darning stockings and the making of dolls' dresses, and to the boys for building bird houses. Play equipment has been furnished in some centres.

The travelling libraries are being utilized to a greater extent from year to year. Not only are the Institutes looking well to the physical well-being of the children, but are taking a keen interest in educational matters in general, and are discussing with keen interest the possible benefits through organizing township schools boards.

The services offered through the Extension Department of the Universities are being utilized to a greater extent from year to year and debates and public speaking and amateur plays are resulting in increased attendance.

The Institutes' regular meetings from month to month are a forceful educational factor in making towards greater efficiency in home making in its broadest sense.

HOME ECONOMICS

The work of this committee embodies the very ideals for which the Institutes were originally organized, greater efficiency in the feeding, clothing and sheltering of the family; and the Institutes find this field of more interest to-day than ever before. While the consideration of the needs of all ages is occupying the attention of the members, special emphasis is being given to the feeding of the pre-school age child, and an increasing number of Institutes are introducing the hot school lunch in the rural districts. Up-to-date literature on food values and nutrition

is being generally circulated among the members. Addresses in relation to health as well as its influence upon the character and the study of textiles receive due consideration.

Proper location of the houses, suitable plans for the farm home, re-modelling of old houses, efficiency in the kitchen, adequate and healthful heating and water systems are among the topics of general discussion.

HEALTH AND CHILD WELFARE

The interest in Health and Child Welfare has been universal and the reports for 1926 are most encouraging. A splendid spirit of co-operation has been established among the local medical officers of health, school nurses and organizations working along health lines. The literature available through the Provincial and Dominion Departments of Health is being utilized to good advantage through all sections of the Province. The Institutes are more and more recognizing the value of preventive and constructive efforts. Many of the Institutes are devoting more and more time to child welfare, and in many centres are co-operating with Rotary Clubs and hospitals in providing treatment for handicapped children. At least one meeting a year is devoted to health in many Institutes.

AGRICULTURE

A great majority of the members of the Institutes live on farms and are therefore keenly interested in agricultural matters in general. The officers are informed from time to time as to literature available, both through the Provincial and Dominion Departments of Agriculture, samples being furnished them. The members examine the sample copies and apply direct for those of particular interest.

The committee reports a growing interest and an ever increasing success in poultry raising, on the part of the girls and women. The culling of poultry and the grading of eggs has been of particular interest. Many are now catering to the enormous tourist trade; and where the service and accommodation is of a high standard, much success is experienced. Small fruit farming has been taken up by an increasing number of girls and women. The Institutes are taking a keen interest in school fairs and gardens and the beautification of public grounds, as well as the planting of trees and shrubs and the growing of flowers on the home-stead. General cleaning up days and the care of neglected spots in towns and villages are being supported by the Institutes and they are active in many districts in extending the organization and activities of the horticultural societies.

IMMIGRATION

The Institutes are doing their part in welcoming newcomers from overseas and settlers from other districts and are absorbing them in community life and activities. The Institutes are following the advice of the committee by securing information as to new families and girls employed in homes throughout the Province from the Women's Branch, Department of Immigration, Ottawa; Colonization Department of the Ontario Government; The Employment Bureau, Toronto; Land Settlement Branch, 32 Adelaide Street East, Toronto. The newcomers find life in the rural districts much more enjoyable because of the existence of the Women's Institute.

RELIEF

This is one of the most important features in some districts. The Institutes are now accepting responsibility in many sections of surveying the territory covered and giving donations of food, clothing, bedding, etc., contributing to various local relief organizations supporting very generously the Children's Shelter, Sick Children's Hospital, local hospitals, personal visits and showers of fruit, candy and Christmas boxes to inmates of House of Refuge. In fact the Institutes may be considered the recognized medium through which relief work is carried on in many sections of rural Ontario. A number of centres in Northern Ontario have received assistance from Institutes in old Ontario. The policy has been to link each branch in the north asking for assistance with one or two branches in old Ontario, and from year to year supplies are provided.

COMMUNITY ACTIVITIES

The programme in community activities is very broad and the Institutes stand ready to co-operate in all matters which affect the community as a whole. Libraries, rest rooms, community halls are built and equipped and made community centres. Community Christmas trees, choral classes, debating societies all come in for consideration. Town improvements such as drinking fountains, bathing facilities, sidewalks, street lights are among the activities. Interchange of visits among branches, picnics in the summer and social evenings in the winter when the whole community is invited gives much needed recreation.

LEGISLATION

Many of the Institutes have secured literature bearing upon the laws of the land and are making a study of methods of Dominion, Provincial and Municipal Governments. The members are looking carefully into laws and methods of administration affecting women and children. The guardianship of children, wills, the economic position of married women, are among the topics of special consideration. The marriage laws of Ontario as compared with other provinces and other countries are receiving due attention.

HISTORICAL RESEARCH

This committee was formed in the fall of 1925, but has already undertaken work of real interest and national value. In some counties they have already begun to compile the history of the whole county and in many Institutes a beginning has been made on local history, including individual farms, industries, public buildings, etc. A record is being made of the first settlers, their methods of living and their accomplishments, the history of the first schools and the first church in the district is being recorded. The committee suggests that a little more time be given to the study of local history, and thus gain a greater insight into the lives and thoughts of our ancestors in this country. They are proceeding on the belief that every community has a history which should be preserved.

With branches in all sections of the Province, the work of this committee should be very interesting and result in a compilation of information which has not yet been collected in a systematic manner.

CANADIAN INDUSTRIES

This committee was also formed in the fall of 1925, and in the report presented in 1926, inquiries whether or not the members of the Institute ask for Canadian products when buying. They also asked pertinent questions as to why they buy the important articles. The members are requested to furnish a list of goods produced in Ontario or Canada that do not compare favourably in price and quality with similar foreign made articles. The visitors to the conventions were asked to pledge themselves to ask for Canadian, Ontario or British Empire products in their daily buying. The committee makes the following appeal: "Coming as most of us do from farm homes, let us with renewed faith, hope and love, do our part, small though it may seem, in adding to the ever increasing store of Canadian wealth, Canadian patriotism and international concord and good will.

DEMONSTRATION LECTURE COURSES

The major portion of the service rendered by the Institutes Branch is through Demonstration Lecture Courses in "Home Nursing and First Aid," "Food Values and Cookery," "Sewing" and "Millinery."

For the "Home Nursing" and "First Aid Courses" graduate nurses with experience and familiar with rural conditions and needs are employed. This course is for the purpose of enabling women in the rural districts to obtain a knowledge of how to care for the sick in the home, what to do in emergency and how to do it; how to render the best possible assistance to the doctor or the nurse; the equipment and care of the sick room; how to take temperatures, pulse and respiration and keep records; how to prevent contagious diseases; disinfecting, fumigation, etc.

In the "Food Values and Cookery" course, instruction is given and lesson leaflets furnished covering the following subjects: Vegetables, Fruits, Eggs, Milk, Cereals and Cheese, Meat, Meat substitutes, Flour mixtures, Desserts, Salads.

In the "Sewing" course, instruction is given in the class of sewing ordinarily done in the home; how to use the sewing machine; and each member of the class is expected to make one dress.

The "Millinery" course consists of practical work; each member of the class being required to make a hat, and many of them make hat shapes.

Systematic instruction along the lines indicated is very much appreciated by the women and girls of rural Ontario, who not only derive information of real value and acquire efficiency in performance through taking these courses, but are encouraged to extend their reading and take full advantage of the literature available from various sources.

During 1926 two weeks' courses were held as follows:

	Number	Total taking instruction
Sewing	122	2,924
Millinery	67	1,161
Food values and cookery	40	1,595
Home nursing and first aid	43	1,485
Total	272	7,165

In addition to the above, three months' courses were held at six points, with an average enrolment of sixty-six (66) at each place. In these courses each person received instruction in "Sewing," "Millinery," "Household Science" and "Home Nursing and First Aid."

GIRLS' GARMENT MAKING CLUBS

There are now sixty active Garment Making Clubs in operation with a membership of over one thousand girls. Some of the groups are now completing the second year work, as prescribed in the manual furnished to the local leaders and the girls who undertake the course. This line of work has proven very effective, the younger girls acquiring information and efficiency of real worth at very little cost to the Department. Women who have done a good deal of their own sewing, and some who have had special training along that line, undertake to instruct the girls one afternoon a week, with the result that at the end of the prescribed course exhibits of work done are very creditable to both teachers and pupils. The Institutes Branch furnishes examiners and certificates are issued to those who measure up to the required standard. The course prescribed is of a thoroughly practical standard, and it is hoped that local leaders will be able to give instruction and leadership in other activities among the girls, thus placing them in a position to take full advantage of the more advanced instruction offered through the regular demonstration lecture courses.

GIRLS' JUDGING COMPETITION

Nutrition—School lunch and menu for family in country for a day in September.

Baking—Bread and plain cake.

Good Dressing—Wardrobe suitable for girl in the country.

Sewing—House dress and making buttonhole and plain hem.

Twenty-one counties took advantage of the services of instructors in judging "Nutrition," "Good Dressing," "Baking" and "Sewing". With the assistance of the agricultural representative and in many cases, the local Women's Institute, groups of girls were given instruction in judging. This was followed by a county-wide competition, when county teams were selected to compete with the inter-county competition held at the Canadian National Exhibition. There were twenty-one of these teams, and in addition, 166 girls entered the open competition; altogether 229.

A great many girls who took advantage of the coaching in the various local centres did not enter the county competitions, but, nevertheless, received valuable instruction. This work is creating in the minds of the girls definite standards in dress, and in the choosing and preparation of food.

In the inter-county competition, the team from Haldimand County won the trophy awarded by the Canadian National Exhibition. The members of the team were:

Members of Team: Betty Elder, Cayuga.....	743
Elga Lint, R.R. No. 3, Cayuga.....	742
Frances Fearman, R.R. No. 3, Cayuga.....	675

The contestants standing highest in the various classes in the team competition were:

Baking.....	Mary Dunton, R.R. No. 6, Brampton.....	189
Nutrition.....	Gladys Packham, R.R. No. 1, Caistor Centre....	197
Sewing.....	Kate Frizzell, Bognor.....	196
Good Dressing.....	Elga Lint, R.R. No. 3, Cayuga.....	194

The girl receiving the highest aggregate mark in the team competition was:

Miss Betty Elder, Cayuga.....	743
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In the open competition, the high girls in the various classes were:

Baking.....	Eva Graham, Simcoe.....	177
Nutrition.....	Margaret Watson, Woodbridge.....	194
Sewing.....	Alice Frizzell, Bognor.....	185
Good Dressing.....	Jessie Brown, R.R. No. 2, Thorndale.....	188

JUNIOR INSTITUTES

There are now seventy Junior Institutes in the Province, a number having been organized during the year. The membership is made up of girls from sixteen to twenty-six years of age. While the Juniors are organized on the same basis as the Women's Institutes, they stress features that are of special interest to the girls. The Junior Institutes and Junior Farmers' Associations are co-operating in many counties, in social and educational efforts. Debates, dramatics, public speaking, musical competitions, sports and community work in general are receiving attention. The Junior Institutes are generally co-operating with the local Women's Institutes. The Juniors are contributing to hospitals, children's shelters and other worthy causes and have sent supplies of clothing to many centres in Northern Ontario.

GIRLS' CONFERENCES

In order that the girls who are carrying on so effectively in the Junior Institutes, and others interested in problems of special concern to the country girls, might have an opportunity of associating together, exchanging views as how best to carry on, and securing up-to-date information in the lighter forms of agriculture, and particularly the service available through the Agricultural College and the Department of Agriculture, a conference was held at MacDonald Institute, Ontario Agricultural College, Guelph, on May 5th, 6th and 7th, 1926, with 240 girls in attendance. The staff and students of MacDonald Institute arranged the programme, and the Institutes Branch co-operated in completing plans and advertising the conference.

The programme included inspection of the various departments of the college and instruction in poultry raising and bee keeping. One day was devoted to health matters and another to citizenship with community singing, physical education, amateur plays and entertainment interspersed.

A comparatively small number of girls from east of Toronto took advantage of the conference at Guelph; so a similar conference was held at Kemptville Agricultural College in October. The staff of the school co-operated with the Institutes Branch in planning and carrying out the programme. There were eighty-seven girls at this conference. These conferences did much to stimulate a keener interest and create more definite objectives on the part of the Junior Institutes.

SUMMER SERIES OF MEETINGS

In accordance with the custom which has been followed for over twenty years now, each Institute was given an opportunity to have a lecturer from this Department attend a special meeting some time during the latter part of May or June. Over seven hundred branches took advantage of this service: in many districts two or three nearby branches joining and holding a union meeting. While the chief object of this series is to assist the officers and members in formulating plans which promise to make the work of the branch more successful the speakers were prepared to give definite instruction along lines of

practical value to the members. The subjects dealt with by the lecturers include various features of the food problem; health, largely from the preventive and constructive standpoint; agriculture for women; patriotic topics; up-to-date methods in planning and carrying on the work of the household; co-operation; home crafts; neighbourliness in its broadest sense; home beautification; assistance to the schools; how to assist the boys and girls to find their right life work; community activities; patriotism; gardening; and many other features of general interest.

DISTRICT ANNUAL MEETINGS

These gatherings, with official representatives from the branches throughout the district, are devoted chiefly to the presentation of reports, election of officers, and the formulating of plans for district activities throughout the year. The members of the Provincial Board attend so far as possible the district meetings in their respective subdivisions, and the Institutes Branch furnishes special speakers for a limited number of the annual gatherings. Representative women from all the branches, meeting in conference at the annual gathering, do much to stimulate a keener interest in the work and make plans for extending the work to new centres and giving assistance to those branches which feel the need of some encouragement and help from the district officers and the leaders in the stronger branches.

ANNUAL CONVENTIONS

The ever broadening field of activities and the growing importance of the work of the Institutes, resulted in conventions being held in nine centres during the fall of 1926 as follows:

New Liskeard (Temiskaming).....	October 6th, 7th.
Port Arthur and Fort William (Kenora, Rainy River and Thunder Bay).....	October 12th, 13th.
Huntsville (Parry Sound and Muskoka).....	October 12th, 13th.
Silver Water (Manitoulin).....	October 15th.
Soo (Algoma and St. Joseph Island).....	October 19th, 20th.
Belleville (Hastings, Northumberland and Prince Edward)....	October 26th, 27th.
Ottawa, Eastern Ontario.....	November 2nd, 3rd, 4th.
London, Western Ontario.....	November 9th, 10th, 11th.
Toronto, Central Ontario.....	November 16th, 17th, 18th.

Convention committees representative of the area covered by each of the conventions co-operated with the Institutes Branch in planning programmes, making local arrangements for halls, billeting, etc., and in carrying out the programme. These annual gatherings are an important factor in stimulating a more general interest in the work and formulating plans for further activities.

The conventions in the fall of 1926 devoted a good deal of the time to outlining not only the work which was done, but details as to how to organize and carry on effectively. A representative from the Institutes Branch assisted at all the conventions. It was the unanimous opinion that the 1926 conventions were the most successful yet held.

The subdivision embracing Hastings, Northumberland and Prince Edward, held its first convention at Belleville. Chairmen of the following standing committees were appointed to report at the convention: Education, Health, Agriculture, Home Economics, Community Activities and Relief; and the following lines were dealt with in the general reports: Historical Research, Immigration, Legislation, Publicity, Canadian Industries.

A very interesting feature of this convention was exhibits of articles made by Girls' Garment-Making Clubs; hats made by the wearer within the past year; a collection of baking—two loaves of bread, six or more buns, twelve cookies, twelve tarts, twelve doughnuts; (each branch in the district was allowed to exhibit only one collection of baking); house dresses made by those who had taken a sewing course in a Women's Institute class; first-aid kits which had been in use since the first of April, 1926; school lunches (one exhibit allowed from each branch); Institute programmes.

The businesslike manner in which the convention was organized and carried on reflects great credit on the capabilities of the women in the subdivision concerned.

While special mention is made of the Belleville Convention, largely because of the splendid exhibits they had in connection with their convention, we are pleased to state that the convention committees in all other areas co-operated effectively in making plans and carrying them through for their respective areas.

EDUCATIONAL PROGRAMME AT CANADIAN NATIONAL EXHIBITION

Ontario co-operated with the other provinces in making exhibits and presenting educational programmes at the Canadian National Exhibition under the auspices of the Federated Women's Institutes of Canada. The programme for Ontario included a Pageant representative of the pioneers and their customs; demonstration of carpentry by boys who had taken a special course in manual training organized under the auspices of the Women's Institutes. These boys made a swing, a teeter, and a sand box as playground equipment; competition by members of the Junior Women's Institutes in cookery, when the contestants were required to prepare and serve afternoon refreshments for twenty people. There was a competition also in posters, representative of the activities of the Women's Institute. Demonstrations in sewing, when instruction was given in such simple things as set-in sleeves, patch work, bound button-holes, etc. Prizes were given for the best child's dress suitable for wearing to school. In addition to this a number of addresses were given of special interest to women. Mrs. H. M. Aitken, of Beeton, general superintendent of the Dominion-wide exhibits, gave demonstrations covering a variety of cookery of special interest to rural women.

The effectiveness of the Women's Institute work in general is due in no small measure to the hearty co-operation of the Department and the Institutes in making the common property of all, up-to-date information as to what the Institutes in general are doing. It is possible through the Institutes to arrange, with very little effort on the part of the Department, for meetings to be addressed by lecturers sent out by the Department, and instructors to conduct demonstration-lecture courses in which systematic instruction is given for a period of two weeks or more in the one centre. One of the much appreciated services of the Department is to bring to the attention of the Institutes, literature bearing upon problems in which the women are specially interested, and to furnish the officers with sample copies of publications which are for free distribution, the individual members writing to the Department or organization concerned for additional copies.

FRUIT BRANCH

In certain sections of the Province during the past year, work with the apple growers was carried out with some difficulty. The severe frost of October, 1925, destroyed a heavy percentage of the Spy and other late picking varieties, and caused a state of uncertainty in all our markets as to keeping conditions of our fruit, so much so that prices were unusually low. As the Spy crop was very large and of good quality the loss was heavy, particularly in the Georgian Bay and Lake Ontario sections, where picking was not so far advanced. Growers in these sections were so discouraged that the Spray Service of the Department was not received with the same enthusiasm as in past years.

In other sections, however, including Prince Edward, Huron and Norfolk, good work was done, and in addition, the Counties of Lambton, Middlesex, Brant and Halton were included in the area under supervision. Despite a most unfavourable season, with constant showers from the middle of July on until the end of October, the sprayed orchards were clean and the fruit of very fair colour. Where Bordeaux was used for the first two sprays considerable russetting of the fruit resulted in Western Ontario, lowering the grades to domestic in many cases.

The work in Prince Edward County has been particularly successful and the growers are very appreciative of the services as the following extracts from letters will show:

“Looking over my records of different years’ fruit crops, I find that in 1923 I had the same number of barrels as this year, viz., 273. The gradings were as follows:

	1923	1926
No. 1.....	118	176
2.....	61	59
3.....	94	18
Domestic.....	...	20

I am sure I had many fewer culls this year than in 1923.

“I attribute the evident improvement in our apple crop to the Spraying Service, to helpful hints on trimming and better orchard practice as taught by the Department’s representatives and which we have endeavoured to follow.”

“I felt you would be interested to have some idea of the results of the spray service as it had affected me this year. And since packing, I am able to report at least 95 per cent. of our apples entirely free from scab and fungus, so that our culling consisted almost entirely of under-size apples.

“This, I am sure, is most pleasing to me and I felt you would appreciate knowing just to what extent results had been obtained. I sincerely trust that the Department will see fit to give us the benefit of your advice again for another season.”

The tender fruit belt throughout the Niagara Peninsula had its trials this year also, with the very peculiar season. The western section had a heavy plum and grape crop but was very short on peaches. Anxiety was general as to the probability of the grapes ripening before severe frosts came, but fortunately the entire crop, estimated at 36,000,000 lbs., was harvested. Of this quantity, it is figured that 20,000,000 lbs. were used by the wineries.

Prices on plums were low and part of the crop was not harvested. Too many varieties, some of them of poor quality, have been planted, while of the good varieties, our Canadian markets are now apparently overloaded.

As a result of reports made to the Department by representative fruit growers sent by the Government to Great Britain last year, it was decided to try out some experimental shipments to London, Glasgow and Liverpool of our Ontario plums. With the coming into bearing of increased quantities of Damsons, Reine Claudes, Grand Dukes and other good varieties, prices on our local markets have declined seriously and unless some other outlet could be found, heavy losses were inevitable. Guarantees were given on four cars shipped from Grimsby and Burlington to London, Liverpool and Glasgow, and in addition, several cars were shipped from these points on the shipper's own account.

Glasgow proved very disappointing as a market for this fruit despite assurances received from the trade there that it was the best point. London gave by far the best returns, though Liverpool looks like a good market also. It is possible that a direct trade with Glasgow could be profitably arranged for disposing of Damsons, as the big jam manufacturers are located in the north, but this trade would be for large quantities laid down there in bulk at as low a figure as possible, probably not to exceed \$100 per ton.

As to the results obtained from the shipments, we are quite safe in saying that this market looks very promising for our later plums. Prices are usually very low until the beginning of October, and the returns would not justify putting the expense into packages, freight, etc., that is required. The initial outlay is so heavy that it will deter the ordinary grower from attempting shipments, and the business will remain in the hands of associations or companies who are prepared to risk the heavy expense of labour, paper, packages, pre-cooling, prepaid freight, etc. As it is a carload business and great care has to be exercised in grading and wrapping the fruit, central packing houses are necessary, and only those so equipped should attempt the exporting of this fruit.

In addition, direct representation in the markets there seems essential. The presence in Liverpool of an agent of the Ontario Fruit Growers' Association undoubtedly saved the shippers from considerable losses on the later shipments. Two cars reached the British markets in advance of his arrival, and it was on these that losses were incurred, due in part to misleading information obtained from receiving houses in Great Britain. The later cars, personally looked after, gave much better returns.

The export situation covering all fruits has been so unsatisfactory that this Department called a conference of shippers during the summer, at which the special Fruit Trade Commissioner of the Federal Government advocated the placing in Great Britain of a man to represent the growers and shippers. His duties were not so much to make direct sales of the fruit as to work with the trade there so that every shipment would reach the best market and be sold to the greatest advantage. As a result of this conference, the Ontario Fruit Growers' Association sent over a special representative who was well acquainted with conditions in Great Britain and to whom shippers were invited to consign cars of fruit intended for these markets.

The very light crop of apples and pears, and the low prices ruling in the export markets, prevented any great quantities being handled in this way the past season. Sufficient, however, was received to gain very valuable information and to establish connections for future business. Mention has

already been made of the valuable services of this agent in handling the plum shipments.

With the changing conditions in Ontario apple orcharding, and increasing competition from all parts of the continent, every effort will be required on the part of both growers and the Department to hold and extend our markets. The brightest spot in the outlook is the coming into bearing of the orchards set out from ten to twenty years ago, at a time when experience had proven the value of many new and old varieties.

The orchardists in the Georgian Bay section fortunately continued the planting of Northern Spy as their leading variety, and many thousands of trees are now bearing their first crops. In the Norfolk section, Spy was also planted freely, but equally with Baldwin and Fameuse, with Scarlet Pippin, McIntosh and Greening also favoured. Fameuse and McIntosh were generally favoured for dessert kinds and increasing quantities will be available not only from the districts already mentioned but also from the St. Lawrence and Ottawa Valleys where these two varieties succeed exceptionally well.

Unfortunately during the period of heavy planting, that section of the Province, east of Toronto to Belleville, was interested largely in the British and continental markets, which then required large quantities of hard winter apples, such as the Ben Davis, Cranberry, Gano, Stark, Pewaukee and Baxter. With improved methods of packing and transportation and increasing competition from sections of the continent producing better varieties, the demand and consequent prices for the above kinds has fallen so low that in most years costs of picking, packing and marketing cannot be obtained. Those growers that have orchards largely of Ben Davis have a difficult situation to face, and unless the fruit can be used economically for some other purpose than the fresh fruit trade, there will be no other plan than the destruction of the trees with replanting of better varieties.

HORTICULTURAL EXPERIMENT STATION

With the exception of the peach crop, fruit crops throughout the Niagara District were fair to good in 1926. In the station orchards the practical failure of peaches interfered to a very considerable extent with the plant breeding and experimental work with that fruit.

The comparatively light peach crop in the Niagara District was due mainly to killing of the fruit buds by low temperatures during the latter part of December, 1925. Following this cold spell the station undertook a comprehensive survey of the peach belt to determine the extent of the injury. This survey indicated most severe injury in the western end of the district around Winona and Grimsby, with gradually lessening injury eastward until, in the "River" area, around Queenston, Niagara-on-the-Lake, etc., there was no appreciable damage. The amount of injury at any given point was roughly in proportion to the severity of temperature ten degrees Fahrenheit being the approximate temperature around Queenston with gradually lower temperatures westward, reaching fifteen degrees Fahrenheit at Vineland and sixteen degrees to eighteen degrees Fahrenheit in the extreme western peach area.

At the time of the above survey, the probable total peach crop, including the favoured "River" area, was placed at about forty per cent. of normal. This estimate was borne out by the crop actually harvested, though intervening estimates by various individuals usually placed the probable crop at considerably above the forty per cent.

The part-time appointment of a plant pathologist to the Station staff has made possible the planning of new lines of breeding and experimental work. Particularly will it simplify the breeding projects having disease resistance as the main objective. It is planned also to undertake, in co-operation with the Dominion Entomological Laboratory at Vineland, a study of the physiological effects of various spray materials on the rest period in fruit trees. All of the above is in addition to regular plant pathology studies already under way or being planned.

The following bulletins were revised and reprinted during 1926: No. 315, Plum Culture in Ontario; No. 316, The Cherry in Ontario; No. 318, Currants and Gooseberries. Bulletin No. 319, Nursery Stock Identification, was prepared and published. In addition to the above, revisions have been completed of Bulletins No. 194, Apple Orchardling, and No. 294, Grafting Fruit Trees. In No. 315, Plum Culture in Ontario, considerable Station experimental results in pollination and fruit thinning were included in addition to the usual cultural directions. No. 319, Nursery Stock Identification, represents original work in its entirety.

PLANT BREEDING

Distribution of Plant Material—The 1926 spring and fall distributions of Viking raspberry canes practically completed the distribution of this variety in so far as this Station is concerned, as stock is now available from several growers and nurseries. The total distribution to date has been as follows:—

1921.....	2 dozen
1922.....	1 “
1923.....	None
1924.....	2,000
1925.....	40,000
1926.....	40,000

Allowing for a considerable mortality in the above, but including natural increase by growers and nurserymen from the earlier distributions, it is conservatively estimated that there are about fifty acres of Viking planted. These plantings are mostly in the Niagara District. The only limit to planting in the past three years has been the supply of plants. With prospects for a good supply of these there will undoubtedly be increasingly heavy plantings.

Canning tests of Viking made by the Culverhouse Canning Co. of Vineland, indicated the variety to be good in this respect. The canned fruit is whole, firm, of good quality and good colour, though lacking the deep colour of Cuthbert. In weight of solids per can it is equal to Cuthbert or better.

The Vanguard strawberry and the Vedette and Valiant peaches are being handled commercially by a number of nurseries so that no accurate estimate of distribution or acreage can be made. Nurserymen report a heavy demand for stock of Vedette and Valiant, being mostly sold out on these varieties for 1927 delivery before the close of 1926.

Strawberry Breeding—The earlier strawberry breeding work has produced several seedlings worthy of further trial, chief among them being the variety named Vanguard. In 1925, a considerable amount of new work was undertaken, the main purposes of this new work being the production of new varieties possessing some of the quality of the old country varieties while retaining the hardiness

and climatic adaptability generally of our present commercial varieties; also, new varieties of high canning qualities such as Portia, but perfect in bloom. The following table summarizes this work. The number of plants noted has been set in the field where they will fruit in 1927:—

1925 STRAWBERRY BREEDING WORK

Parents	No. of Plants
Vanguard x Royal Sovereign	22
Crescent x Vanguard	51
Crescent x Early Ozark	115
Crescent x Royal Sovereign	95
Crescent x Seedling No. 180115	555
Crescent x Dunlap	385
Crescent x Aroma	233
Ozark x Royal Sovereign	249
Ozark x Seedling No. 180115	372
Ozark x Dunlap	85
Aroma x Royal Sovereign	62
Aroma x Dunlap	91
Aroma x Seedling No. 180115	95
Seedling No. 180115 x Ozark	214
Seedling No. 180115 x Excelsior	141
Excelsior x Royal Sovereign	79
Excelsior x Dunlap	441
Excelsior x Seedling No. 180115	374
Dunlap x Aroma	80
Dunlap x Ozark	315
Dunlap x Excelsior	190
Dunlap x Seedling No. 180115	285
Dunlap x Royal Sovereign	40
Royal Sovereign x Ozark	30
Royal Sovereign x Excelsior	18
Royal Sovereign x Dunlap	45
Royal Sovereign x Seedling No. 180115	22
Portia x Royal Sovereign	82
Portia x Parsons	12
Portia x Ozark	281
Portia x Dunlap	71
Portia x Aroma	96
Portia x Excelsior	104

Raspberry Breeding—Including the breeding work of 1923, the main objective of the raspberry breeding has been to secure new varieties resistant, in part at least, to the disease known as *mosaic*. Breeding seems to offer the only permanent and satisfactory solution of this very serious problem.

Fortunately there are already several varieties of raspberries, which, although falling somewhat short as commercial varieties, yet apparently possess considerable or total resistance to mosaic. Among these may be named Erskine Park, St. Regis and Adams No. 87. In 1923, the following crosses were made, the first named variety being the seed parent in each cross:—

Cross	No. Plants Secured
Cuthbert x Erskine Park	76
Erskine Park x Cuthbert	234
Cuthbert x St. Regis	321
St. Regis x Cuthbert	324
Viking x Erskine Park	98
Erskine Park x Viking	285
Viking x St. Regis	1,029
St. Regis x Viking	321
Total	2,688

Approximately three-fourths of these plants fruited in 1926. Some sixty selections were made as being worthy of further test. These will have to be propagated in a limited way and then their resistance to mosaic determined. It is worth while noting in this connection, that Viking is being used in Michigan quite extensively in mosaic studies. Results there would indicate at least some measure of resistance to mosaic, greater than that of either parent variety, Cuthbert and Marlboro.

In 1925, further raspberry crosses having disease resistance in mind, were made as follows:—

Cross	No. Plants Resulting
Viking x Adams No. 87.....	130
Viking x Adams No. 34.....	50
Viking x Adams No. 101.....	500
Adams No. 87 x Viking.....	1,400
Adams No. 34 x Viking.....	1,600
Adams No. 101 x Viking.....	2,400
Total.....	6,080

About fifty per cent. of these have been set in the field. The remainder will be planted out in the spring of 1927. They should fruit freely in 1928 and 1929.

Peach Breeding—Owing to the practical failure of the peach crop in the Station orchards, no new breeding work was undertaken in 1926. However, the cold wave of December, 1925, which caused the injury to the buds, performed at least one useful purpose from a plant breeding standpoint. It indicated quite clearly the relative bud and wood hardiness of various varieties and Station seedlings. As a result certain selections, lacking hardiness, were discarded. Certain other selections, as compared with present commercial varieties, showed satisfactory hardiness. Vedette and Valiant both carried through a higher percentage of live buds than comparable trees of Elberta. The same was true of Seedling No. 1940208, an Elberta type peach maturing about a week in advance of Elberta, and considered very promising.

Apple Breeding—Breeding work with apples is necessarily slow, as compared with small fruits or with peaches. Nevertheless seedling trees from projects started in 1917 are now commencing to bear. In 1926, there was scattered fruiting. Including projects of later years, there are now growing in permanent fruiting blocks some 3,300 seedlings representing the progeny of fifty standard varieties, and a further 180 trees which are seedlings of eight distinct apple species.

Other Fruits—In pears, plums, cherries and grapes a considerable amount of new work has been undertaken. This is in addition to carrying on older work which consists largely of discarding inferior seedlings and selecting and propagating for further tests those which appear to have merit. A number of promising selections have been made in pears, sweet cherries and grapes, but, with the exception of the Victor Cherry, they will be kept under observation for some time yet before naming or introducing any of them.

Vegetable Breeding—The tomato selections mentioned in the 1925 Report gave good early yields in 1926, especially the Bonny Best Prosperity cross. This strain is being re-selected in order to secure one as true as possible to the characters desired.

Some additional selections from the Grand Rapids x Earliana and the Bonny Best (818) x Earliana hybrids are considered very well adapted to forcing or for early outdoor staking. The fruit of these selections is medium in size, round, smooth and uniform, early, and the plants are productive.

EXPERIMENTAL WORK

Orchard Cultural Methods—In 1921 an orchard consisting of four and one-half acres of apples and one and one-half acres of pears was planted with the object of giving further study to the sod-mulch methods of orchard culture. It is recognized, of course, that under most conditions sod *neglect* seriously reduces tree growth and yield. The experiment as planned provides for sod *culture*, with all that the name implies. Various plots have been seeded to alfalfa, red clover and grass, others have been kept clean with the intention of seeding down when the trees are well established. Still others will be kept clean continuously. All plots are to receive barnyard manure and commercial fertilizers as their need is indicated by the growth of the trees. Cut material is not removed but is mulched around the trees.

The experiment has now been under way for five years. Annual growth measurements have been taken. While no significant differences are apparent, this in itself is significant, since it means that the sod-mulch plots are doing very well in comparison with the clean culture plots. On an average the clean cultivated trees have made approximately twenty per cent. more growth than the sod trees. On the other hand, the sod trees have made excellent growth, the foliage is of good colour, and they have been the first to start bearing.

Nursery Stock Identification—The leaf and other plant character identification studies were sufficiently completed in 1926 to permit of the publication of Bulletin 319, Nursery Stock Identification. This bulletin deals with pears, plums, peaches and cherries.

The field work made possible by these studies is summarized for 1926 in the following two tables. Table 1 gives the numbers of saleable fruit trees (2-year apples, pears, plums and cherries, and 1-year peaches) inspected in 1926. One-year cherries, also inspected, are not included in the count.

TABLE 1—SUMMARY OF NURSERY INSPECTION, 1926

Nursery	Apples	Pears	Plums	Cherries	Peaches	Total
1.....	10,000	500	.....	3,000	15,000	28,500
2.....	2,500	2,000	350	1,200	2,700	8,750
3.....	2,000	800	800	500	.....	4,100
4.....	2,000	.....	.....	.....	.....	2,000
5.....	12,000	5,000	3,000	1,800	.....	21,800
6.....	23,000	1,000	2,500	1,300	1,800	29,600
7.....	25,000	4,000	7,800	3,000	.....	39,800
8.....	.....	.....	.....	.....	2,000	2,000
9.....	60,000	15,000	15,000	5,600	60,000	155,600
10.....	210,000	28,000	30,000	35,000	13,000	316,000
11.....	200	.....	100	40	300	640
12.....	20,000	8,000	5,000	4,000	.....	37,000
13.....	.....	.....	.....	.....	3,000	3,000
14.....	6,700	1,900	1,900	60	.....	10,560
Total.....	373,400	66,200	66,450	55,500	97,800	659,350

Table 2 summarizes the mixtures found in the various nurseries. With the exception of cherries, the percentage of mixture is very low indeed. In cherries the high percentage is due to the fact that Black Eagle and Yellow Spanish have been confused with, and propagated for, Black Tartarian and Napoleon respectively. These errors constitute seventy per cent. of the cherry mixtures.

TABLE 2—NUMBERS OF MIXTURES FOUND IN ONTARIO NURSERIES IN 1926

Nursery	Apples	Pears	Plums	Cherries	Peaches	Total
No. 1.....	30	....	....	425	55	510
2.....	1,055	11	....	640	166	1,872
3.....	0	0	0	700	....	700
4.....	10	....	....	....	....	10
5.....	588	3	17	40	....	648
6.....	589	66	0	155	0	810
7.....	72	0	0	235	....	307
8.....	....	....	....	....	58	58
9.....	1,532	34	7	....	326	1,899
10.....	931	0	0	2,940	....	3,871
11.....	....	....	....	10	50	60
12.....	347	0	94	736	....	1,177
13.....	....	....	....	....	0	0
14.....	23	0	454	0	....	477
Total.....	5,177	114	572	5,881.	655	12,399
Per cent. Mixtures.....	1.4%	.2%	.9%	16.0%	.7%	1.9%

Root Stock Investigation—The work of the East Malling Research Station in England, with fruit stocks, has directed the attention of horticulturists everywhere to the importance of clonal root stocks, which will give trees of practically identical vigour and growth habits. Much of the variability of fruit trees as now grown is due to differences in root stocks, these being seedlings rather than clones. Accordingly a considerable quantity of the East Malling stocks was secured in 1926, and a further quantity will be secured in 1927. This line of work offers tremendous possibilities both for the fruit grower and the nurseryman. Further studies, using native root stocks, will be undertaken, funds permitting.

Vegetable Experiments—In tomatoes comparative test plots of twenty different commercial Earliana strains and other early varieties were made in 1926, the object being to see if any strains possessed the outstanding merit claimed for them. Yields per plant were taken up to August 20th, which includes the period of highest prices. Considerable variation was noticed as to yield as well as type and vigour of plants. The outstanding varieties were Red River, which produced the most early fruits, two strains of Canadian, and an Earliana from Michigan State College. The Red River is a cross of Earliana and Sunrise, and originated in North Dakota by A. F. Yeager. It is a medium sized red fruit, smooth and fairly uniform. The Canadian originated at the Horticultural Department of the Ontario Agricultural College. It is also a hybrid but shows some variation. Of five different sources of Canadian seed two lots were near enough to be classed as the same variety. The Earliana from Michigan is an improved type being fairly uniform, early and smooth.

In addition to the continuation of breeding and selection with other vegetables as reported in 1925, a cultural test on the best methods of establishing a patch of onions was carried out. Three methods were used as follows: First, the use of transplanted seedlings; second, the use of sets; and third, the use of seed sown in the open ground. The sets started into growth earlier and produced larger bulbs which ripened off much earlier than either of the other plots. The yield was much better also. The transplants did quite well and for one variety did better than the sets. However, the sets on the average gave the best returns. The seed plot was quite late in getting started and also suffered considerably from maggot injury.

Onions.—Yields for the three methods:

Sets.....	bushels per acre	623
Transplanted.....	“ “	465
Seed.....	“ “	169

While the first two methods may be limited as to the area which can be handled at planting time yet there is a wide margin of yield over the open seeding suggesting the advisability of planting at least part of the acreage by one or other of the first two methods.

A fertilizer plot test on late celery indicated that nitrogen in available form was of first importance and potash second, while phosphorus did not produce any appreciable increase in growth or yield on Station soil. The nitrogen-potash plot was outstanding during the whole season. This applies only to one particular soil but is at least an indication for other soil types as well.

EXTENSION

During 1926, 607 visits to individual growers were made by the Extension Specialist. In addition, a large number of unrecorded visits were made by other members of the staff. Nor was any record kept of visits of growers to the Station. These, however, were numerous as in other years, as were also telephone calls for cultural information.

Throughout the Niagara District and elsewhere in the Province also considerable interest is evident in top-working undesirable varieties and unproductive trees. Many grafting demonstrations were held. These included one in Whitby, four in Norfolk, one in London and sixteen in the Niagara District. These latter were mostly with sweet cherries, and were so planned as to give individual instruction to relatively small groups of growers.

Many requests for addresses on various horticultural topics were filled. In addition, Fruit Growers' Meetings in Hamilton, Cobourg, Meaford, Simcoe, Goderich and St. Catharines were attended by various members of the staff and addresses given. Lectures on fruit and vegetable growing were given at each of the following Short Courses: Orono (Durham Co.), Flesherton (Grey), Acton (Halton), Melbourne (Middlesex), Sunderland (Ontario), Dresden (Kent).

Fruits and vegetables were judged at the following school and fall fairs: Grantham, Burlington, Welland, Smithville, Abingdon, Milton, Beamsville, Vineland, St. Catharines. Fruit was judged at the C.N.E., Toronto, and the Western Fair, London.

Extension experiments in budding and grafting the plum and sweet cherry were carried on in twelve different orchards in the Niagara District.

DAIRY BRANCH

The year 1926 may be considered as only a fairly satisfactory one for the dairymen of the Province.

The prices for cheese and butter were not as high as in 1925. The average price for cheese being about 17 cents, against 20½ cents in 1925; and for butter about 33½ cents in 1926, against 37 cents in 1925.

The instructor's reports show a considerable increase in the quantity of cheese made in 1926, as compared with the same periods in 1925. The quantity of creamery butter made can only be estimated as it was not possible to get reports from all the creameries in 1926.

Ten cheese factories were burned down and fourteen new ones erected in 1926. Thirteen new creameries commenced operation during the year.

Instruction and inspection work was carried on by a staff of thirty-five cheese instructors, nine creamery instructors, four milk and cream check tests, and three chief instructors. The grading of butter was again carried on at the Government Grading Station, Toronto, on similar lines to 1925; the chief instructor for creameries and two assistants doing the work.

PLANTS IN OPERATION IN 1925 AND 1926

	Cheese Factories		Creameries		Condensed Milk and Powder Plants
	1925	1926	1925	1926	1926
Northern Ontario.....	11	14	16	24	...
Eastern Ontario.....	681	684	74	77	7
Western Ontario.....	93	96	175	177	19
	785	794	265	278	26

QUANTITY OF CHEESE, 1926

Northern and Eastern Ontario, May 1st to October 31st.....	91,857,428 lbs.
*Western Ontario, January 1st to December 31st.....	23,221,376 "
Total.....	115,078,804 "
Total for same period in 1925.....	109,500,000 "
Increase in 1926.....	5,578,804 "

*December estimated.

VALUE OF CHEESE

1925.....	\$21,920,000
1926.....	19,563,396
Decrease in 1926.....	\$2,356,604

QUALITY OF CHEESE AND BUTTER AS SHOWN BY THE FEDERAL GRADER'S REPORTS

Cheese	Special and First	Second	Third
Ontario, 1926.....	92.6%	6.8%	0.6%
Ontario, 1925.....	91.4%	7.9%	0.7%
Increase in 1926.....	1.2%		

Cheese by Districts, 1926	Special and First	Second	Third
Northern Ontario.....	93.9%	6.0%	0.1%
Central Ontario.....	93.7%	5.7%	0.6%
Western Ontario.....	93.4%	6.4%	0.2%
Eastern Ontario.....	91.9%	7.4%	0.7%

Cheese by Provinces, 1926	Special and First	Second	Third
Prince Edward Island.....	88.8%	10.7%	0.5%
Nova Scotia.....	.....	.....	.....
New Brunswick.....	6.4%	70.6%	23.0%
Quebec.....	77.8%	21.2%	1.0%
Ontario.....	92.6%	6.8%	0.6%
Manitoba.....	76.0%	21.8%	2.2%

It will no doubt become more difficult to increase the percentage of first and special grade cheese year by year, yet there is no good reason why we should not have at least ninety-five per cent. first grade. Better trained makers and a pure milk supply is all that is needed. We are looking forward to a decided improvement in both respects from the granting of graded certificates to makers in 1927.

The production of creamery butter is estimated to be about the same as in 1925—59,000,000 pounds.

The following figures regarding the quality of the creamery butter are taken from the Federal Grader's Report:

Creamery Butter	First	Second	Third
Ontario, pasteurized, 1926.....	81.7%	17.5%	0.8%
“ “ 1925.....	69.7%	25.2%	5.1%
Increase in 1926.....	12.0%		
Ontario, unpasteurized, 1926.....	40.5%	41.1%	18.4%
“ “ 1925.....	28.5%	69.1%	2.4%
Increase in 1926.....	12.0%		

Pasteurized Butter by Provinces, 1926	Specials	First
Quebec.....	1.1%	88.7%
Ontario.....	.....	81.7%
Manitoba.....	0.3%	66.4%
Saskatchewan.....	0.1%	51.2%
Alberta.....	14.9%	62.3%

CREAM GRADING

Regulations governing the grading of cream and paying for it on a graded basis were brought into force on May 1st, 1926. The creamerymen were practically unanimously in favour of the legislation and supported the movement very well indeed.

The standards for cream, and the differences in price are as follows:

Special Grade.

This grade shall include any lot of cream which is clean in flavour, of uniform consistency and suitable for making butter of this grade. Its acidity shall not be more than thirty-one-hundredths (.30%) of one per cent. at the time of being graded at the creamery where it is to be made into butter, and the fat content shall not be less than twenty-eight per cent.

First Grade.

This grade shall include any lot of cream which is reasonably clean in flavour, of uniform consistency and suitable for making butter of this grade. Its acidity shall not be more than sixty-one-hundredths (.60%) of one per cent. at the time of being graded at the creamery where it is to be made into butter.

Second Grade.

This grade shall include cream that does not meet the requirements specified for first grade cream; such as cream that is bitter, stale, musty, metallic or otherwise unclean in flavour, or has an acidity of over sixty-one-hundredths (.60%) of one per cent.

Off Grade.

This grade shall include any cream with a strong objectionable odour or flavour, such as gasoline, leeks, stable, or such other flavours that may render cream unfit for making second grade butter.

Spread in Price.

A premium of (1) one cent per pound butter fat shall be paid for special grade cream over first grade cream, and a premium of (3) three cents per pound butter-fat shall be paid for first grade cream over second grade cream.

The grading was supervised as closely as possible by a staff of nine instructors, each instructor being in charge of from twenty-five to thirty creameries. The grading was done by employees of the creameries. The results of the work for the first season are quite satisfactory as shown by the Federal Grader's Report given above, and also by a comparison of the cream graded personally by the instructors in 1925 before cream grading was adopted, and in 1926, after the regulations were in force. The following information is taken from the Instructors' Reports.

Cream graded by the instructors during the six weeks beginning July 15th :

	Special and First Grade Cream	
Six weeks in 1925.....	57.2%	
“ “ “ 1926.....	72.6%	Increase... 15.4%
Lowest average for one week, 1925.....	51.5%	
“ “ “ “ 1926.....	68.7%	Increase... 17.2%

Cream graded by the instructors at the creameries from May to October, inclusive, 1926:

	Special and First Grade	
May.....	66.8%	
June.....	76.3%	
July.....	73.8%	
August.....	78.8%	
September.....	80.6%	
October.....	84.6%	

These figures show a steady increase in the quantity of special and first grade cream received at the creameries, which indicates that the cream producers appreciate having their cream paid for on a quality basis, or in other words, work well done is being recognized and paid for accordingly.

BUTTER GRADING STATION

One hundred and thirty-eight creameries sent samples from 23,237 churnings to the Provincial Government Grading Station at Toronto, an increase of nearly thirty per cent. over 1925. These samples graded as follows: 1.7 per cent. special grade; 71.72 per cent. first grade; 26 per cent. second grade; and .58 per cent. off grade—an increase of 12.55 per cent. first and special grade over 1925. The value of grading samples from every churning is being recognized more fully each year; and especially since the grading of cream came into effect.

The improvements made in the sanitary conditions in and around the cheese factories and creameries is very gratifying—true, there is very great room for further improvement, especially at the cheese factories, but the beauty spots which have been made by making lawns, and planting flowers and shrubs around so many of the factories cannot help but have a splendid effect upon those who have not yet got into the spirit of making Ontario dairying not only profitable but an attractive and pleasant feature of the Province's agricultural life.

COW TESTING

The Provincial Department took over the cow testing work in the Province from the Federal Department on February 1st. The organization work is under the supervision of the Director of Agricultural Representatives, the testing of the samples under the Dairy Branch, and the improvement of the herds under the Director of Live Stock. A charge of fifty cents per cow per season is collected by the Dairy Branch, when special samples are tested, a charge of twenty-five cents per test is made. Blank forms for recording the weights, and tests of the milk, bottle labels and preservative tablets are provided by the above branches. A special testing station is established in the Municipal Abattoir, Toronto. All other testing is done at the offices of the District Representatives or at cheese factories and creameries. Two men are employed exclusively in testing samples in the Toronto, Hamilton and Simcoe districts. The balance of the testing is done by the regular staff of creamery and cheese factory inspectors.

The testing of composite samples at cheese factories is also done by the regular staff of instructors, a charge of fifty cents per patron being made. The revenue for the fiscal year 1925-26, from cow testing and composite sample testing at the factories was \$13,992.89.

EASTERN DAIRY SCHOOL, KINGSTON

The attendance at the School, January 1st to March 31st, was as follows:

Regular Long Course.....	43
Special Cheesemaker's Course.....	62
" Buttermaker's Course.....	30
Instructor's Course.....	31

166

Thirty-two wrote on the final examination of which twenty-eight were successful. During the balance of the year the School is operated as a combined creamery and cheese factory. The following figures are taken from the Superintendent's report for the fiscal year November 1st, 1925, to October 31st, 1926:

Butter manufactured.....	153,224 lbs.
Cheese manufactured.....	98,259 "
Average per cent. fat in the milk.....	3.35
Pounds milk per pound cheese.....	10.96
Pounds cheese per pound fat.....	2.72

CO-OPERATION AND MARKETS BRANCH

A grand total of 276 co-operative organizations have been incorporated in the Province under The Ontario Companies Act, and most of these have to do with one phase or another of agriculture, practically the only exceptions being the few retail or distributive co-operative stores in some of the towns and cities. The following is an incomplete list of the objects stated by these Agricultural Co-operatives in applying for incorporation:

Marketing Apples,	Marketing Seed,
Manufacture and Sale of Butter,	Marketing Seed Corn,
Marketing Fluid Milk,	Elevator,
Cheese Factory,	Seed Cleaning Plant,
Marketing Cheese,	Feed Business,
Marketing Early Vegetables,	Marketing Grain,
Marketing Potatoes,	Onion Marketing,
Marketing Seed Potatoes,	Apple Packing House,
Potato Warehouse,	Milling Business,
Sale of Pure Bred Animals,	Processing and Marketing Tobacco,
Live Stock Shipping,	Marketing Beans,
Marketing Live Stock,	Marketing Honey,
Weigh Scales,	Marketing Celery,
Beef Rings,	Marketing Alfalfa Seed,
Threshing Ring,	Marketing Turnips,
Cold Storage,	Marketing Turkeys,
Egg Marketing,	General Marketing of a Number of
Chicken Hatchery and Day-old Chicks,	Agricultural Products and Handling
	of Farmers' Supplies.

It is impossible to state the proportion of the total number of incorporations which are in active operation at the present time. Attempts have been made to obtain this and additional information in co-operation with the Statistical Branch at Ottawa but responses have not been sufficient upon which to base definite figures. There are a sufficient number of well-known organizations, however, to state that co-operative marketing is making steady and sound progress in the Province, and that this system of marketing farm products has proven itself as a permanent and feasible method of meeting changing marketing conditions as they arise. A considerable number of these co-operative firms have been in existence for ten years and longer and have met successfully the extremely difficult readjustment period of the last few years.

Of the large number of successful organizations, it is difficult to choose outstanding examples as illustrating what has been accomplished, but for the purpose of illustration, three different types might be cited.

(1) *Canadian Wide Organization.*

The commodity illustrating this type is wool. The Canadian Co-operative Wool Growers, Limited, covers Canada from the Atlantic to the Pacific and markets about one-third of the total Canadian clip. Sheep men to the number of 4,300 in the Province of Ontario use this agency in the marketing of their wool, totalling last year about 740,000 pounds. It is not too much to say that since this company was organized in 1917, the system of marketing Canadian wool has been entirely revolutionized, and perhaps the largest factor in bringing about the improvement in methods is the system of grading established by the co-operative and the payment to the producer on the basis of these grades. Concrete evidences of the benefits of grading may be cited as follows: (a) The increased use of Canadian wools by Canadian mills (perhaps 100 per cent. increase).

(b) Previous to four years ago no Canadian wool sold in England. Now the co-operative has its own direct connections in the export markets and last year sold a half million pounds in England.

(c) A new and profitable market has been opened up for Ontario coarse wools (Leicester, Cotswold, Lincoln) in the United States for the manufacture of a product known as paper felts.

The markets for wool generally are in a depressed condition, and it is easily conceivable that if the old methods of marketing wool obtained under the present conditions, wool producers would indeed be in an unenviable position. Through their own marketing agency, however, producers are kept fully informed as to changing market conditions, and are able to place their product on the world's markets on a sound merchandising basis.

(2) *Province Wide Organization.*

The commodity which best illustrates this type is honey. Here again The Ontario Honey Producers Co-operative, Limited, initiated its work by establishing grades. One further step was taken, however, in giving a brand name to its highest grade, and the popularizing of the use of honey by extensive advertising of this brand. That this organization is truly representative of the honey industry in the Province is evidenced by the fact that its 1,000 or more members comprise nearly all the large producers and most of the small producers, and it is estimated, handles between 80 and 85 per cent. of the commercial crop of the Province.

The conditions surrounding the marketing of Ontario honey has entirely changed during the last few years. Through this organizations the beekeeper is informed as follows:

- (1) Honey production in Canada has about quadrupled in the last six years.
- (2) The Ontario Co-operative has double the quantity to handle over the previous year.
- (3) The western Canadian markets are practically gone, and already Manitoba, instead of importing, has honey for sale.
- (4) Export markets must be found for one-half the light honey, and practically all the dark honey.

Under the old system of merchandizing it was difficult enough to maintain markets at remunerative prices. In fact, when this co-operative was organized in 1923 there was 1,500,000 pounds unsold in the producers' hands from the previous crop. The task here, was the finding of new markets to take the place of the quickly disappearing western market, due to the great increase of honey production in the three western provinces. This was a task obviously incapable of solution by the individual beekeeper and equally difficult for the honey dealer with a narrow margin and uncertainty of grades and prices. Through group action, however, the producers spent last year some \$20,000 in advertising in our local markets and doubled the consumption in these consuming centres. The export market was also developed, and besides the usual merchandising methods, an interest was acquired in a bottling plant near London. Standard grades, standard packages, uniform prices, are making Ontario honey known not only in England, but in Holland, Germany and other European markets. It is impossible to even outline the accomplishments of this type of co-operative in grappling with the many problems confronting the producers on a province-wide basis and under such radical changes taking place both in supply and demand, but it well illustrates the place which a co-operative should fill in marketing a commodity on a basis of quality for its members.

(3) *Local Organizations.*

When we come to the third type, that covering a small area, there are, of course, a large number from which to choose. The recent organization of the Turkey Growers on Manitoulin Island, however, is a convenient illustration of the beneficial results even over a limited area, where there are conditions of marketing which might be improved upon. Turkey growing on the Island has been, more or less, important for some years. A suitable climate, abundance of free range, and other conditions provide opportunity for a large production of turkeys. The market, however, must of necessity be a distant market, and practically the whole production must be shipped out of the Island. Previous to the formation of the marketing company, turkeys were sold "by the pound," that is, at the one price per pound irrespective of the size or conformation of the birds. As a result of this system with its lack of incentive toward proper breeding methods, there was a steady decline in the size and quality of turkeys on the Island, mature birds seven pounds or more under standard weights, being entirely too common. As a result of being brought into closer touch with the needs of their market a marked improvement has already taken place. The first all-turkey show held in Canada was recently held on the Island, as indicating the interest aroused in the improvement of breeding and market stock. This small organization has already shipped two cars for the Thanksgiving trade, and will have two cars for sale at Christmas. Through their organization reliable market outlets have been obtained, and reliable sources of market information obtained. There is a marked improvement in the average size of the birds, better prices have been obtained, and a steady lowering of mortality in the turkey chicks. The organization also is encouraging the production and marketing of breeding stock. Already inquiries are being received, and Manitoulin Island is being looked to as a source of well-bred turkeys. Inspection of male birds has been instituted. These and other developments show that co-operative marketing under the right conditions has a beneficial effect on the production and preparation for market of a commodity where previously the marketing methods were resulting in steady decline of the quality and consequently of the value.

Other Local Organizations.

The above is but one illustration of a recently organized local co-operative showing practical results in a short time. Local fruit marketing associations in the Province are, more or less, adequately serving the districts which they cover. Generally speaking the commercial producing districts in Western Ontario are fairly well organized, but the commercial districts in Eastern Ontario are not so well covered with marketing organizations. Endeavours to co-ordinate the marketing of these local associations on a province-wide basis have so far not resulted in any definite action on the part of the producers, perhaps partly for the reason that the local co-operatives are doing good work in their respective territories. That the marketing of Ontario fruit is fairly well organized, however, is indicated by the fact that there are some thirty-six (36) local associations, some individual associations marketing in excess of \$100,000 worth of fruit annually.

Numerous local organizations, both incorporated and unincorporated, are practising co-operative shipping of live stock; many of these individual clubs shipping in excess of \$200,000 worth of live stock each year. Egg marketing

through local organizations known as egg circles is operated at some forty (40) points in the Province. In one instance, at least, a number of these local circles combine to candle, pack and sell eggs and also to operate a mammoth incubator, in order that the members may be supplied with high-yielding, blood-tested stock. During last spring this incubator hatched some 20,000 chickens for members of local egg circles. Some of these local organizations market poultry co-operatively. Just recently some five of these local clubs shipped a car of poultry each, totalling net to the producers over \$10,000 for the five cars. In the dairy field there are a number of eminently successful co-operative creameries, cheese factories and fluid milk marketing companies. One large co-operative acts as a sales agent for a number of local factories, selling considerably in excess of \$3,000,000 worth of cheese annually, as well as providing cold storage facilities for its patrons. Since the operation of the seed cleaning train in Eastern Ontario last year, a number of local seed cleaning plants have been established in that part of the Province. Co-operative alfalfa seed, clover seed and seed potato organizations are also in operation. There are some excellent examples of the improvement in grain crops as a result of the organization of local co-operative elevators. Many other local organizations might be cited, having to do with some phase of marketing turnips, celery, late potatoes, tobacco and other farm products. Many of the local organizations also carry on more than one line of work with regard to marketing and also handle farm supplies, such as feeds, fertilizers, spray materials, packages, etc. A large central co-operative, the United Farmers' Co-operative Company, Limited, supplies numerous services for local co-operatives both in marketing and supply departments. It acts as a commission firm on the stock yards, runs the largest creamery in the Province, has seed, grain, eggs and other departments in connection with the wholesale functions of marketing, and has a large wholesale department for all manner of farm supplies.

If statistics were available showing the total of co-operative business in the Province, and the growth of such business during the last few years, impressive and steadily progressive figures would be presented. Unfortunately such figures have not been procurable, but general observation reveals the fact that co-operative marketing is permeating all sections of the Province. Diversified agriculture, marked differences of climatic and soil conditions within the Province, large and important local markets, and other factors differentiate Ontario from the western provinces with regard to the formation of large and spectacular organizations and it would appear as the natural trend here that local co-operatives, generally speaking, should first meet the needs in the varying sections of the Province. As in the case of cheese, live stock and some other commodities, these locals will in time supply the basis for larger organizations.

It will be seen from the above that the work of this department is wide and varied in assisting the numerous co-operatives in their organization. Detail assistance and advice is given as to incorporating under The Ontario Companies Act, to suggesting by-laws for individual organizations, to form of membership contracts, to methods of financing, and numerous other details as to sound methods of organization. The department, of course, carries on no part of the business of any co-operative, but keeping in touch with marketing organizations, is in a position to make available to new organizations, the experience of the older and successful ones, and how to avoid some of the mistakes of those which have not succeeded. Much of the work consists of assisting co-operatives in the organization and initial stages of their business.

ENGLISH MARKET CABLE

On Thursday morning of each week during the year, the Agent-General for Ontario in London, England, forwards a cable giving a summary of market prices on live stock, cheese, bacon, butter and apples in season. Prices are also given on these commodities from other countries which compete with us on the London market. The cable arrives in time to be prepared for the noon mail on Thursdays and appears on the agricultural page of the Toronto morning papers on Fridays, and in the agricultural papers over the Province. The Agent-General also sends a monthly letter giving a general outline of the conditions as they affect the trade in the articles mentioned, and this also is given publicity through the agricultural press.

COMMUNITY HALLS

The Community Halls Act was passed in 1919 providing for grants toward the erection of community halls and athletic fields in rural municipalities. Under this Act grants have been paid to a total of sixty-four (64) such projects at the following places:

Year	Place	County
1920	Binbrook Community Hall.....	Binbrook, Ont..... Wentworth
	Cobden Community Hall.....	Cobden, Ont..... Renfrew
1921	Lakefield Community Hall.....	Lakefield, Ont..... Peterborough
	Blyth Community Hall.....	Blyth, Ont..... Huron
	Raymond Community Hall.....	Raymond, Ont..... Muskoka
1922	Humberstone Community Park.....	Humberstone, Ont..... Welland
	South Norwich Community Hall.....	Otterville, Ont..... Oxford
	Dunchurch Community Hall.....	Dunchurch, Ont..... Parry Sound
	Londesboro Community Hall.....	Londesboro, Ont..... Huron
	Moonstone Community Hall.....	Moonstone, Ont..... Simcoe
	Kimberley Community Hall.....	Kimberley, Ont..... Grey
	Slate River Community Hall.....	Slate River, Ont..... Thunder Bay
	Eady Community Hall.....	Eady, Ont..... Simcoe
	Vandorf Community Hall.....	Vandorf, Ont..... York
	Currie's Crossing Community Hall.....	Currie's Crossing, Ont..... Oxford
	Bancroft Community Hall.....	Bancroft, Ont..... Hastings
	Caradoc Township Community Hall.....	Mount Brydges, Ont..... Middlesex
	Mindemoya Community Hall.....	Mindemoya, Ont..... Manitoulin
	Carlisle Community Hall.....	Carlisle, Ont..... Wentworth
	Dorion Community Hall.....	Dorion, Ont..... Thunder Bay
	Tottenham Community Athletic Field.....	Tottenham, Ont..... Simcoe
	Glanford Community Hall.....	Mount Hope, Ont..... Wentworth
1923	Percy Township Community Hall.....	Warkworth, Ont..... Northumberland
	Tamworth Community Hall.....	Tamworth, Ont..... Addington
	Humber Heights Community Hall.....	Near Weston, Ont..... York
	Savard Community Hall.....	Charlton, Ont..... Timiskaming
	Oxdrift Community Hall.....	Oxdrift, Ont..... Kenora
	Waterdown Community Hall.....	Waterdown, Ont..... Wentworth
	Stoney Creek Community Athletic Field.....	Stoney Creek..... Wentworth
	Dutton Community Hall.....	Dutton, Ont..... Elgin
	Crathie Community Hall.....	Near Strathroy, Ont..... Middlesex
	Grantham Township Community Hall.....	Near St. Catharines..... Lincoln
	Sharbot Lake Community Hall.....	Sharbot Lake..... Frontenac
	Cavan Community Hall.....	Cavan, Ont..... Durham
	Heaslip Community Hall.....	Heaslip, Ont..... Timiskaming
	Wellington Community Hall.....	Wellington, Ont..... Prince Edward
	North Mountain Community Hall.....	North Mountain, Ont..... Dundas
Burriss Community Hall.....	Burriss, Ont..... Rainy River	
Oakwood Community Hall.....	Oakwood, Ont..... Victoria	

1924		
Ignace Community Hall.....	Ignace, Ont.....	Kenora
Brooklin Community Athletic Field.....	Brooklin, Ont.....	Ontario
Reaboro Community Hall.....	Reaboro, Ont.....	Victoria
Roxboro Township Community Hall.....	Moose Creek, Ont.....	Stormont
Crediton Community Athletic Field.....	Crediton, Ont.....	Huron
Rosseau Community Hall.....	Rosseau, Ont.....	Muskoka
Beamsville Community Hall.....	Beamsville, Ont.....	Lincoln
1925		
Lynden Community Hall.....	Lynden, Ont.....	Wentworth
Gooderham Community Hall.....	Gooderham, Ont.....	Haliburton
Barwick Community Hall.....	Barwick, Ont.....	Rainy River
Caledon East Community Hall.....	Caledon East, Ont.....	Peel
Blake Township Community Hall.....	Near Fort William.....	Thunder Bay
McIntyre Community Hall.....	Near Port Arthur.....	Thunder Bay
Inwood Community Athletic Field.....	Inwood, Ont.....	Lambton
Sunbury Community Hall.....	Sunbury, Ont.....	Frontenac
Athens Community Hall.....	Athens, Ont.....	Leeds
South Crosby Community Hall.....	Elgin, Ont.....	Frontenac
1926		
Wainfleet Community Park.....	Wainfleet, Ont.....	Welland
Claremont Community Park.....	Claremont, Ont.....	Ontario
Sarnia Township Community Hall.....	Mandamin, Ont.....	Lambton
Hekkla Community Hall.....	Hekkla, Ont.....	Muskoka
Enterprise Community Hall.....	Enterprise, Ont.....	Addington
Port Sydney Community Hall.....	Port Sydney, Ont.....	Muskoka
Zephyr Community Hall.....	Zephyr, Ont.....	Ontario
Bondhead Community Park.....	Bondhead, Ont.....	Simcoe

The grants paid on this year's halls are as follows:

	Total Cost	Amount of Grant
Wainfleet Community Park.....	\$6,000 00	\$1,500 00
Claremont Community Park.....	4,428 25	1,107 12
Sarnia Township Community Hall.....	5,251 30	1,312 83
Hekkla Community Hall.....	1,836 75	459 19
Enterprise Community Hall.....	7,267 69	1,816 93
Port Sydney Community Hall.....	6,062 25	1,515 57
Zephyr Community Hall.....	6,411 02	1,602 76
Bondhead Community Park.....	3,803 71	950 93

In addition to the above, five more projects are about completed and an additional fifteen where some steps have been taken to erect community halls and athletic fields under the Act. It is not necessary here to emphasize the decided improvement in the social life of a district where suitable and attractive accommodations are provided. Two or more visits are made by this branch to each place where this community effort is undertaken. Under the Act the site, the plans and specifications, are approved by the department before construction, and the best assistance can be given by a knowledge of the local situation. In most cases also, the people are desirous of knowing, more than an Act and regulations can convey, the requirements of the department with regard to each particular project. In this way we have been able to maintain a rather high standard, and it can be safely said that where community halls have been erected under the Act, the people have a community building of which they are justly proud. In all cases we endeavour to assist the community to provide a plant somewhat better than they would otherwise have provided without the grant. In fact, in most of these communities there would be no community hall, but for the incentive supplied by the offer of assistance in this form. A second visit by the department is also necessary when the hall is completed for inspection, and if not entirely satisfactory, further visits are made till all details are completed and no grant is paid till the project is completed in conformity with the standard desired.

The total cost of all community halls and athletic fields erected under the Act since its inception is \$582,239.34 and the total of grants paid thereon amount to \$102,456.82 or 17.6 per cent. of the total.

COLONIZATION AND IMMIGRATION BRANCH

Some idea of the activities of the year in connection with colonization and immigration may be gained from the following figures:

Number of farm labourers placed.....	2,624
Number of domestics who passed through the Canadian Women's Hostel, 72 Carlton St....	2,674
Of this number, new arrivals totalled.....	1,340
Number of farm labourers placed by Salvation Army.....	25
Number of domestics " " ".....	673
Number of boys " " ".....	470
Number of boys received at Vimy Ridge Farm (five of these have not yet been placed)....	174
Number of railway certificates issued to settlers proceeding to Northern Ontario (consisting of 494 adults and 69 children).....	380

Of this number 90 per cent. were from the British Isles, the balance being from Denmark, Holland, Sweden and Switzerland, brought out mainly by the larger transportation companies. Immigrants from these countries, however, as a rule, make excellent settlers.

VIMY RIDGE FARM

During the year an important step was taken in the launching of a plan for the settlement of boys from the British Isles on Ontario farms. In pursuance of an agreement entered into with the British Government and with the Dominion Government, arrangements were made to receive parties of boys from time to time throughout the year. A farm located about three miles from Guelph and known as the Vimy Ridge Farm, was taken over from the Settlers' Aid Commission to be used as the headquarters for receiving and distributing the boys arriving under this plan. The buildings were fixed up and enlarged so as to provide accommodation for as many as fifty boys at one time. The first party arrived in June but as the buildings at the farm were not ready at that time, this party was taken to the Ontario Agricultural College where systematic training was combined with a certain amount of practical work. Further groups arrived from time to time throughout the summer months and were looked after at the Vimy Ridge Farm. The boys remained at the farm for varying periods from a few days to a couple of weeks. They were then placed with farmers with whom they entered into an agreement of apprenticeship. The department, of course, keeps in touch with these boys and replaces any who have not been satisfactorily located the first time. It is sometimes necessary to place a boy two or three times before he gets a position for which he is best suited and in which he is most contented. The boys were around sixteen and seventeen years of age and for the most part they made good. In a few cases it has been necessary to send the boys back home, but over 90 per cent. appear to be well situated and likely to become good settlers. There is a demand on the part of the farmers of the Province for help of this nature and this plan will be developed into larger proportions in future years.

LONDON OFFICE

The office of the Agent-General for Ontario continues to render good service to the Province in Great Britain and Europe. In addition to the office at 163 Strand, London, a branch is maintained in Glasgow.

Conditions during the past year were materially affected by the general strike and the subsequent prolonged coal strike, which influenced all industry

and business in the British Islands. These conditions, however, tended to encourage emigration rather than otherwise.

The past year has been a better one than 1925 for general emigration business, and all our figures show an increase of business, and a larger number of selected settlers sent out to Ontario.

Our operations are, naturally, to a considerable extent governed by the emigration policy of the Government of Canada, and by the agreements entered into by that Government and the British Government, in connection with the Empire Settlement Act of 1922.

The past year has been notable, owing to the fact that it witnessed the cancellation of the old system of granting loans to farm workers and household workers, to assist them with their passages to Canada. The new system provides for reduced passages, in place of loans, and this year, under the new agreement entered into between the British Government and the Government of Canada, approved farm workers and household workers have been enabled to go to Ontario at a cost of £4.10 each. This is a very great improvement on the old system of loans, as it now means that the new settler commences his or her new life in Canada free of debt, with nothing to pay back to the Government.

The following example will show how the cost of these passages is apportioned. This case is that of a single farm labourer, who sailed from Belfast to Ontario, on March 27th, 1926.

	£	s.	d.
Total cost of transportation.....	22	7	11
Dominion Government's contribution.....	3	10	0
Imperial Government's contribution.....	7	0	0
Steamship Company's rebate.....	3	10	0
Imperial Government's contribution against after-care.....	3	17	11
Amount paid by passenger.....	4	10	0
	22	7	11

The Government of Ontario was not directly a party to the agreement between the British Government and the Government of Canada, but the Agent-General for Ontario is authorized, under a subsidiary agreement, to nominate suitable emigrants for the above scheme, and in this way we secure all the advantages of the scheme for men and women put forward by us. This arrangement has worked very well.

There are always more married experienced workers with families available for emigration than there are of single experienced farm workers. The reason is that the married men are anxious to try a new country for the sake of the better opportunities for their children. The lack of extra house accommodation on many Ontario farms apparently limits the demand for help of this nature. However, ninety married couples with 221 dependents were sent out and on the whole they were splendid settlers. This work is greatly encouraged by reports which are received as to settlers previously sent out to Ontario. There was the case of a Scottish ploughman with thirteen children who went out from this organization in 1924. The father and the two eldest sons started work on the same farm the day after their arrival, while one of the daughters started work on the same day in the farmer's house. Four other girls were quickly placed as household workers and a year later they were still in the same positions doing well. The family had comfortably furnished their home, purchased a cow and pigs and paid back over \$500 in connection with their passages to Ontario.

The past year witnessed the completion of negotiations which have been carried on for some years past for what is known as "The Boy Scheme." For the carrying out of this scheme an agreement was completed with the British Government and the Government of Canada. It provides for sending forward boys between the ages of fifteen and seventeen, to serve as farm apprentices. Free passages are granted under the provisions of the Empire Settlement Act. All boys approved must pay the cost of medical certificate and the cost of rail fare between home and port of embarkation. They must have a sufficient amount of clothing and a supply of funds for incidental expenses after their arrival. Every effort is made in selecting boys, to secure the right type and only a small proportion of those offering are accepted. For the first season a total of 160 were passed.

Another phase of boy settlement developed during the year in the Empire Fellowship Scheme. This arose out of the Wembley Exhibition following which a number of public-spirited citizens provided a fund out of which scholarships might be granted to a limited number of boys who desired to secure some agricultural education in the Overseas Dominions, with a view to settling on the land. The fund pays £30 per year to any boys approved. This is to pay the cost of the education. It is part of the scheme, however, that the boy shall work one part of the year on the farm and thereby earn money to supplement this amount. Arrangements were made to forward a total of twelve boys under this scheme to the Kemptville Agricultural School.

The following figures, relating to the London office alone, indicate how heavy at times is the work involved in connection with out correspondence. These figures are for the twelve months ending October, 1926:

Number of inward letters received.....	30,871
Number of outward letters.....	38,223
Number of callers interviewed.....	8,563

These figures are all considerably in excess of last year's totals.

In addition to keeping the opportunities of Ontario prominently before 3,500 shipping agents, who influence settlement to a large extent this office has endeavoured to advance Ontario industries on every opportunity. One plan adopted was to utilize the window space of the office on the Strand, which is one of the busiest thoroughfares in the world, to display Ontario products, making frequent changes in order to give a fair representation and show the variety of the output of the Province. Special attention has been given to emphasizing the mineral resources of Ontario, especially among financial and mining men. These efforts have aroused a great deal of inquiry.

During the year 151,405 copies of booklets descriptive of Ontario have been distributed through this office, besides thousands of leaflets and other publicity matter. Cinemetographs have been in constant use not only through our portable machine, but through circulation among the motion picture houses. Lantern slides are also loaned to school masters, lecturers and others.

This office renders assistance in supervising the exhibits from the Province of Ontario at the London Dairy Show and at the Empire Fruit Show. At both of these shows Ontario products won many prizes and the publicity resulting was of great advantage to the Province.

AGRICULTURAL REPRESENTATIVE BRANCH

OFFICE WORK

The following table shows statistically the extent to which the local office is used by the farmers in the various counties of the Province:

County	No. of Letters Received	No. of Letters Written	No. of Circular Letters Mailed	No. of Incoming Phone Calls	No. of Visitors at Office	No. of Meetings held in Office	No. of Bulletins and Reports Distributed	No. of Miles Travelled by Motor
Algoma.....	1,625	2,842	3,555	3,685	1,513	10	1,071	8,255
Brant.....	1,153	1,696	9,393	627	2,227	24	1,615	9,880
Bruce.....	3,500	3,000	9,500	2,500	2,000	42	6,000	19,000
Carleton.....	2,000	1,000	9,000	1,500	500	12	400	15,000
Dufferin.....	2,800	2,200	5,000	1,500	2,000	6	1,000	8,500
Dundas.....	1,850	1,650	5,000	1,600	1,250	125	650	10,000
Durham.....	1,769	1,960	11,019	856	1,179	40	900	10,760
Elgin.....	2,220	2,200	16,229	1,524	2,271	93	11,000	10,040
Essex.....	4,704	3,896	37,605	2,849	4,394	.....	8,992	.....
Frontenac.....	1,881	1,170	6,662	1,645	985	90	773	10,396
Glenarry.....	1,950	2,100	3,100	285	1,800	41	.....	10,331
Grenville.....	1,091	974	5,981	1,027	538	7	850	11,600
Grey.....	2,285	5,090	13,400	1,500	2,850	100	1,000	26,500
Haldimand.....	1,226	1,214	3,991	1,240	861	3	3,200	12,200
Halton.....	3,589	5,898	12,092	2,651	2,830	13	1,393	14,000
Hastings.....	2,680	2,400	8,300	1,974	2,076	85	3,350	14,700
Huron.....	2,756	1,702	32,704	1,356	942	.....	8,000	19,020
Kenora.....	1,428	1,119	4,108	583	2,137	8	.....	8,563
Kent.....	3,400	3,800	25,000	2,900	3,117	47	2,000	14,700
Lambton.....	2,763	2,690	4,239	1,342	2,613	12	365	15,000
Lanark.....	1,614	1,055	1,095	637	796	35	100	14,950
Leeds.....	2,485	3,110	9,000	1,180	1,164	30	1,640	18,081
Lennox and Add- ington.....	2,650	1,600	2,000	1,500	1,350	35	575	8,000
Lincoln.....	941	1,217	5,395	1,077	1,148	41	708	18,895
Manitoulin.....	1,042	1,192	2,552	1,003	1,411	15	350	9,455
Middlesex.....	1,823	1,643	8,681	2,430	3,286	37	2,745	27,450
Muskoka and Parry Sound....	1,527	1,832	13,862	900	533	9	291	9,457
Norfolk.....	2,325	1,800	8,465	1,750	2,190	45	330	12,287
Northumberland...	1,625	2,025	6,105	1,420	924	12	625	13,000
Ontario.....	1,800	1,800	10,000	1,500	1,100	30	800	10,000
Oxford.....	3,079	3,843	15,327	1,759	3,597	33	4,748	15,755
Peel.....	3,300	3,728	11,556	7,000	5,467	39	3,000	21,156
P Perth.....	2,000	1,498	3,490	1,095	1,250	90	675	11,931
Peterborough.....	1,115	1,115	4,500	946	1,000	35	356	10,425
Prescott and Russell.....	2,240	2,260	12,350	2,120	1,570	10	6,500	13,403
Prince Edward....	1,218	1,114	2,540	2,250	2,310	30	1,100	7,500
Rainy River.....	1,267	1,156	6,826	1,829	2,281	20	749	12,314
Renfrew.....	1,573	2,944	2,416	959	1,010	26	415	7,000
N. Simcoe.....	2,142	1,836	5,385	1,224	918	11	570	8,400
S. Simcoe.....	1,450	1,130	3,584	754	1,410	14	235	13,240
Timiskaming.....	1,685	1,983	2,746	1,000	1,260	.....	639	7,500
Sudbury.....	1,460	1,200	3,055	918	976	5	369	7,110
Fort William.....	1,154	1,197	2,714	1,580	1,254	4	317	15,916
Port Arthur.....	473	544	2,000	1,193	864	.....	385	12,000
Victoria.....	1,542	1,365	4,685	993	2,110	19	856	8,063
Waterloo.....	1,600	1,700	8,392	2,560	2,223	60	600	19,550
Welland.....	2,300	1,325	2,605	1,150	1,042	20	1,200	9,000
Wellington.....	2,066	2,376	9,289	778	1,477	42	5,041	15,600
Wentworth.....	2,000	2,200	8,000	1,550	5,050	24	6,800	30,000
York.....	2,848	3,635	5,057	1,725	2,406	35	1,625	17,854
Total.....	101,014	104,024	409,550	79,924	91,460	1,564	96,903	653,737

The rural people of Ontario are making heavier demands each year upon the services of the Agricultural Representatives. Fortunately, their willingness to co-operate and assist has increased proportionately and therefore the accomplishments of the past year surpass those of any previous year.

Resignations have been received during the year from the Representatives in the Counties of Norfolk, Essex and Lincoln. The following transfers have been effected:

- S. B. Stothers from Huron to Essex County.
- A. A. Knight from Victoria to Leeds County.
- E. F. Neff from Leeds to Lincoln County.
- M. H. Winter from Renfrew to Victoria County.
- A. F. Ross from Fort William to Norfolk County.

SENIOR EXTENSION WORK

Live Stock Improvement.—The Better Live Stock Campaign inaugurated seven years ago has since been actively carried on in all counties, the office of the Agricultural Representative acting as a clearing station for the sale and purchase of pure-bred breeding stock. The live stock breeders and the provincial and federal live stock branches have been active co-operators in the Better Stock Campaign.

Cattle—Cow Testing.—For some years cow-testing work has been carried on in Ontario under the direction of the Federal Department of Agriculture, but on February 1st, 1926, the testing work in Ontario was taken over by the Ontario Department of Agriculture. This work is being organized and promoted by the County Representatives with the active co-operation of the Dairy and Live Stock Branches. Broadly speaking, the part to be taken by the farmer and the Department is as follows:

By the Producer:

- 1—Each farmer to supply his own weighing and sampling equipment such as *scales, milk box, sample bottles, and dipper.*
- 2—To weigh and take a sample of milk of each cow night and morning on three days each month, say the 10th, 20th and 30th, and record weights on forms supplied.
- 3—To deliver samples to testing station or centres as determined and to secure return of box and empty bottles.
- 4—To agree to keep a record for the full year—lactation period—of every cow in the herd.
- 5—To pay a fee of fifty cents per cow per year.

By the Department of Agriculture:

- 1—To assist in organization work, whether for individual farmers or in the formation of Cow Testing Associations and to accept samples from either for testing.
- 2—To do such clerical work in the keeping of records as may be necessary and to interpret the results.
- 3—To supply suitable accommodation and testing equipment such as Babcock tester, glassware, sulphuric acid, corrosive sublimate preservative tablets, record forms, herd books, etc., and test each sample for butter-fat once each month.

- 4—The testing to be done by the staff of the Dairy Branch at any one of the following places:
- (a) Cheese factories.
 - (b) Creameries.
 - (c) Offices of Agricultural Representatives.
 - (d) Special testing stations.
- 5—To make provision for the issuing of a production certificate to any cow which reaches a satisfactory standard of production of milk and fat in twelve consecutive months and to maintain a cow testing register for all cows which have qualified.

Previous to the Department taking over Cow Testing work on February 1st last there were twenty so-called Testing Associations with a membership of 648 farmers and 7,598 cows under test. Of this number 6,341 cows were being tested under Federal supervision free of charge. Since the inauguration of the Provincial policy, 517 farmers in twenty-two counties have listed 6,013 cows on a yearly testing basis. To date there are thirteen active Cow Testing Associations formed with 365 members and 3,591 cows.

Since Cow Testing under the new policy has not been in effect a year as yet it has been found difficult to secure comparative figures to show the results of herds for a full lactation period. However, the following statistics have been compiled to illustrate the value of cow testing work.

In Haldimand County for a period of seven months—May to November, 1926, inclusive—with thirty-five herds and 294 cows under test, the following information is quite striking:

AVERAGE PRODUCTION PER COW

	Milk	Butter Fat
High—Herd A.....	8,593 pounds	277.6 pounds
Low—Herd B.....	5,259 “	182.5 “
High—Cow A.....	11,160 “	354.4 “
Low—Cow B.....	3,243 “	112.5 “

The difference between the high herd owned by A and the low herd owned by B per cow during the seven months was 3,334 pounds of milk which valued at \$1.50 per hundred weight means \$50.01 per cow. In a herd of ten cows it means an additional revenue of over \$500.00 for herd owner A. Herd owner B by eliminating the low producers could in a few years increase his herd production materially.

The Norfolk County Cow Testing Association was organized in March, 1926, with 125 members and 867 cows under test.

COMPARISON OF BEST AND POOREST COW UNDER TEST FOR PERIOD OF NINE MONTHS, MARCH—DECEMBER, 1926

	Total Pounds Milk	Value of Milk	Total Pounds Butterfat	Average per cent. Butterfat
Best cow.....	14,808	\$303.56	561	3.7%
Poorest cow.....	3,498	82.20	149	4.3%
Difference.....	11,310	\$221.36	412	.6%

COMPARISON OF 100 BEST COWS AND 100 POOREST COWS FOR PERIOD OF NINE MONTHS

	Average Pounds Milk	Average Pounds Butterfat	Average per cent. Butterfat
100 best cows.....	9,256 pounds	319.7	3.5
100 poorest cows.....	6,211 "	202.7	3.25
Difference.....	3,045 pounds	117.0	.25

Value of increase, \$67.45.

NOTE.—Milk is valued at \$1.95 per cwt. for 3.5 per cent. milk and 5 cents per 100 pounds added or deducted for each 1/10 of a point above or below 3.5 per cent.

In Peterborough County for a period of six months from May to October, 1926, inclusive, the average production of the best and poorest herds is as follows:

COMPARISON OF BEST AND POOREST HERD

	Number Cows	Pounds Milk	Average Test	Pounds Butterfat
Best herd.....	7	7,244	3.2	231.8
Poorest herd.....	10	4,782	3.4	162.5
Difference.....	....	2,462		69.3

Value of increase at \$2 per cwt., \$49.24.

COMPARISON OF BEST AND POOREST COW

	Pounds Milk	Value at \$2 per cwt.	Per cent. Fat	Total Pounds Fat	Value at 35c per Pound
Best cow.....	8,304	\$166 08	3.6	298.9	\$104 61
Poorest cow.....	3,559	71 18	3.3	118.5	41 47
Difference.....	4,745	\$94 90	.3	180.4	\$63 14

COMPARISON OF TWENTY BEST AND TWENTY POOREST COWS

	Total Pounds Milk	Average Butterfat Test	Total Pounds Butterfat
Twenty best cows.....	7,622	3.19	242.1
20 poorest cows.....	4,478	3.36	148.8
Difference.....	3,144		93.3

The Agricultural Representative for Peterborough County says as follows in reference to above: "The figures are interesting in that the average test of the twenty cows classed as poor is slightly higher than the average of the twenty classed as good. It would appear that better methods of feeding might make some of the cows in the poorer class much higher producers and thus become more profitable to their owners."

The Wentworth Cow Testing Association was organized in June, 1924, with a membership of 123 and 1,385 cows enrolled. At the completion of one year's work it was found that the average milk production per cow in the association was 8,500 pounds.

Of the 1385 cows on test, 604 gave an average test below 3.25 per cent.
 " " " 781 " " above 3.25 "
 " " " 239 " " " 3.50 "
 " " " 53 " " " 4.0 "

COMPARISON OF THE BEST AND POOREST COW ON THE BASIS OF WHOLE MILK AND BUTTERFAT PRODUCTION JUNE, 1924—JULY 1925

	Whole Milk		Butterfat		Value at 40c per pound
	Pounds of Milk	Value at \$2 per cwt.	Per cent. Fat	Total Pounds Fat	
Best cow.....	13,630	\$272 60	3.8	540	\$216.00
Poorest cow.....	5,135	102 70	2.3	118	47 20
Difference.....	8,495	\$169 90	1.5	422	\$168 80

From the above table it is quite striking that the best cow gives 8,495 pounds of milk—practically the average for the association—and 422 pounds of fat more than the poorest cow with a cash return of \$169.90 more in one year.

COMPARISON OF THE 100 BEST AND 100 POOREST COWS ON BASIS OF WHOLE MILK AND BUTTERFAT PRODUCTION FOR PERIOD JUNE, 1924—JULY, 1925

	Average Pounds of Milk per Cow	Value at \$2 per cwt.	Per cent. Fat	Average Pounds Butterfat per Cow	Value at 40c per Pound
100 best cows.....	10,606	\$212 12	3.43	360	\$144 00
100 poorest cows.....	6,546	130 92	3.35	229	91 60
Difference.....	4,060	\$81 30	.08	131	\$52 40

If we were to take three farmers on one side of the road with ten cows each of the first class and three farmers on the other side of the road with ten cows each of the second class, the farmers who had the good cows would each receive \$812.00 more money for their product than those possessing the poorer cows.

Results of Farmers Completing their Second Year of Testing—Happily these same men have carried on their testing and our Agricultural Representative reports as follows: "The outstanding lesson which we have been able to find from men who have completed their two years' records is that the average butter-fat test for the herd over the year previous has invariably increased, although the milk production has not increased in many instances. I believe the reason for this is the fact that farmers having low tests find that they have cows which are producing a good flow of milk but which at the same time are low testers. They got rid of these older animals which were producing a large amount of milk and as a result the young animals which came on were not able to give as high an average."

The following are the results of the increased average butter-fat test of thirteen farmers who have sent in tests every month for two years in the Wentworth Cow Testing Association:

Farmer No.	July, 1924-July, 1925	July, 1925-July, 1926	Increase
	Per cent.	Per cent.	Per cent.
1	3.1	3.34	.24
2	3.6	3.8	.2
3	3.1	3.3	.2
4	3.2	3.37	.17
5	3.0	3.1	.1
6	3.7	3.7	.0
7	3.1	3.3	.2
8	3.59	4.3	.71
9	3.1	3.4	.3
10	3.5	3.57	.07
11	3.36	3.38	.02
12	3.4	3.46	.06
13	3.2	3.85	.65

TABLE SHOWING GROUP OF EIGHT FARMERS WITH AVERAGE PRODUCTION OF MILK AND BUTTERFAT DURING 1924-25 AND 1925-26 IN WENTWORTH COUNTY

	1924-25	1925-26	Average Increase per Cow
	Pounds	Pounds	Pounds
Farmer A—Butterfat	241	288	47
Milk	7,956	9,566	1,610
Farmer B—Butterfat	322	412	90
Milk	8,610	10,891	2,281
Farmer C—Butterfat	316	329	13
Milk	8,792	9,665	873
Farmer D—Butterfat	234	264	30
Milk	7,693	8,001	308
Farmer E—Butterfat	297	328	31
Milk	8,673	9,540	867
Farmer F—Butterfat	241	268	27
Milk	7,116	7,928	812
Farmer G—Butterfat	285	367	82
Milk	8,861	10,458	1,597
Farmer H—Butterfat	244	322	78
Milk	7,595	9,857	2,262

The Agricultural Representative for Wentworth remarks: "These farmers made careful elimination of certain cows and good buying of others and with improved feeding methods have increased their butter-fat test and also milk production."

The figures for the past year in Wentworth County have just been compiled and it is interesting to note the comparison between the 100 best cows in 1924-25 with the 100 best cows in 1925-26 and see whether any progress has been made.

COMPARISON OF 100 BEST COWS, 1924-25 WITH 100 BEST COWS, 1925-26

	Average Pounds of Milk per Cow	Value at \$2.00 per Cwt.	Average Per Cent. Fat	Average Pounds of Butter-fat per Cow	Value of Fat at 40c. per Pound
100 Best Cows, 1924-25	10,606	\$212 12	3.43	360.00	\$144 00
100 Best Cows, 1925-26	11,519	230 38	3.41	389.18	155 67
Increase	913	\$18 26	.02	29.18	\$11 67

COMPARISON OF 30 POOREST COWS, 1924-25 WITH 30 POOREST COWS, 1925-26

	Average Pounds of Milk per Cow	Value at \$2.00 per Cwt.	Average Per cent. Fat	Average Pounds of Butter-fat per Cow	Value of Fat at 40c. per Pound
30 Poorest Cows, 1924-25	5,346	\$106 92	3.0	171	\$68 40
30 Poorest Cows, 1925-26	5,733	114 66	3.64	206.5	82 60
Increase	387	7 74	.64	35.5	\$14 20

In submitting these figures the Agricultural Representative states that: "The average of the 100 best cows has increased by nearly 1,000 pounds of milk over the same number the year previous. Probably the outstanding lesson is the showing made by the thirty poorest cows over the same number the previous year in which is shown an increase of nearly 400 pounds of milk and thirty-five pounds of butter-fat."

Swine—The percentage of select hogs is steadily increasing in Ontario and in some sections there is quite a marked increase while in others the percentage increase is not so great. Many grading demonstrations and special swine courses have been held and these have done much to popularize and explain the value of hog grading. In conjunction with the Provincial and Federal Live Stock Branches, six bacon hog fairs were held. The following table gives the statistics in connection with the Bacon Hog Fairs held in Ontario during 1926:

County	Place	Total Number Entries at Fair	Total Number Hogs Shipped to Market	Total Attendance
Hastings	Stirling	65	90	250
Haldimand	Nelles' Corners	67	149	325
Northumberland	Colborne	75	172	450
Perth	Mitchell	103	46	300
Simcoe	Stayner	98	240	300
Waterloo	Kitchener	75	64	700
Totals .....	.....	483	761	2,325

During this year the Representatives organized 103 Bacon Hog Clubs and the Provincial Live Stock Branch supplied pure-bred boars for these clubs. In some counties a record of performance of these boars has been made and invariably the results show that some excellent breeding boars have been distributed, and they are having a marked influence in improving the quality of Ontario hogs.

Sheep—Sheep extension work has been carried on during 1926 with the co-operation of the sheep promoters of the Dominion Live Stock Branch. Docking, castrating and dipping demonstrations have been held in various counties and permanent dipping tanks have been installed as follows:

County	No. of Tanks Installed, 1926	No. of Sheep Dipped
Brant.....	2	.....
Bruce.....	9	1,090
Carleton.....	2	100
Dufferin.....	2	700
Durham.....	7	.....
Frontenac.....	5	.....
Grenville.....	4	200
Grey.....	11	.....
Hastings.....	12	1,200
Huron.....	7	.....
Leeds.....	1	105
Lincoln.....	3	1,684
Middlesex.....	8	.....
Northumberland.....	12	1,387
Ontario.....	6	618
Oxford.....	8	.....
Peterborough.....	3	350
Prescott and Russell.....	1	25
Rainy River.....	3	1,345
South Simcoe.....	3	5,500
Victoria.....	14	1,493
Welland.....	1	.....
Wellington.....	9	5,268
Totals.....	134	21,065

In co-operation with the Provincial and Federal Live Stock Branches, Lamb Fairs were held in four counties and 1,776 lambs were exhibited and very substantial prizes paid and from these Fairs, 1,643 market lambs were sold at a premium. In some counties, Ram Clubs have been organized and in many sections, high class purebred rams are heading flocks of sheep.

The following table gives statistics of the Lamb Fairs:

County	Place Where Fair was Held	Number of Entries	Number of Lambs Shipped to Market
Lanark.....	Middleville.....	390	285
Lanark.....	Franklin.....	356	304
Peterborough.....	Havelock.....	140	96
Manitoulin.....	Little Current.....	254	375
Manitoulin.....	Manitowaning.....	370	392
Rainy River.....	Emo.....	266	191
Totals.....	.....	1,776	1,643

Poultry—During the past year the interest in poultry has been very keen and the Representatives have had many requests for assistance in poultry culling and management. In some counties intensive culling campaigns have been carried on and successful co-operative shipments of culls have been made. Culling schools have again been organized and junior farmers trained in poultry culling. These young men have then culled several flocks in the county at a nominal charge per bird. In all poultry extension work the Poultry Department of the Ontario Agricultural College has given excellent advice and practical assistance.

The following table gives the statistics according to counties:

POULTRY CULLING

County	Number of Demonstrations	Total Attendance	Number of Flocks Culled	Total Birds Handled
Algoma.....	3	62	8	785
Brant.....	..	...	72	4,787
Bruce.....	..	...	145	13,138
Carleton.....	2	65	15	1,000
Dufferin.....	12	67	12	920
Dundas.....	6	100	50	5,500
Durham.....	10	85	29	3,357
Elgin.....	4	63	83	7,080
Essex.....	9	78	9	585
Frontenac.....	18	59	18	2,009
Glengarry.....	10	171	41	3,694
Grenville.....	15	170	20	715
Grey.....	7	300	24	2,300
Haldimand.....	6	93	6	840
Halton.....	3	175	32	3,257
Hastings.....	10	300	10	500
Huron.....	..	...	265	22,643
Kenora.....	1	20	43	1,600
Kent.....	22	264	90	9,057
Lambton.....	11	84	...	.....
Lanark.....	13	62	13	1,326
Leeds.....	12	185	32	3,300
Lennox and Addington.....	9	122	21	650
Lincoln.....	5	60	19	2,000
Manitoulin.....	..	...	81	4,267
Middlesex.....	12	315	60	6,400
Muskoka and Parry Sound.....	11	219	19	1,685
Norfolk.....	30	112	30	2,053
Northumberland.....	16	78	...	2,005
Ontario.....	9	22	13	1,500
Oxford.....	..	...	180	14,760
Peel.....	4	73	69	5,732
Perth.....	5	125	13	841
Peterboro.....	3	27	5	455
Prescott and Russell.....	7	175	9	648
Prince Edward.....	5	75	5	1,003
Rainy River.....	5	58	16	564
Renfrew.....	10	223	21	1,429
North Simcoe.....	7	215	18	655
South Simcoe.....	5	100	10	1,000
Fort William.....	23	146	33	973
Port Arthur.....	3	75	3	300
Waterloo.....	1	30	20	2,200
Welland.....	12	195	12	1,500
Wellington.....	9	159	9	840
York.....	..	...	13	1,200
Total.....	365	5,007	1,696	143,053

FIELD CROP IMPROVEMENT

Alfalfa Campaign—During the winter of 1925-26, an intensive alfalfa campaign was carried on in the Province of Ontario. The Alfalfa Campaign Committee made a careful survey of the Province and outlined plans and provided the necessary organization for conducting the campaign. It was decided to have a Province-wide campaign but to concentrate on the Counties of Elgin, Perth, Dundas and Carleton. In the Counties of Elgin and Perth there was a very marked increase in the acreage of alfalfa seeded in 1926 and in Dundas and Carleton the acreage of alfalfa was also materially increased. Over 200 per cent. increase in these four counties was indicated by the information coming to the offices of the Agricultural Representatives. The County Representatives after analyzing local conditions arranged for holding meetings, sent out circular letters and bulletins and assisted in locating good seed and securing nitro-cultures. The result was an increase of about 75 per cent. in the acreage sown to alfalfa during the year. Figures compiled by the Agricultural Representatives indicate a new seeding of 378,663 acres. After allowing for winter killing to the extent of 68,455 there was left according to this estimate 753,267 acres. This compares with an estimate of 748,473 acres by the Statistics Branch. Thus a substantial permanent addition has been made to this important fodder crop.

The large increase in the alfalfa acreage is very gratifying and was brought about largely by the activities of all those interested in the campaign. The reasonable price of alfalfa seed as compared with red clover seed and the recognition of the value of alfalfa as a hay crop were also influential factors in the increased acreage. The county newspapers and agricultural press gave strong support to the campaign and published many valuable articles regarding alfalfa. Service Clubs, Boards of Trade and Chambers of Commerce also supported the campaign. The following table shows the numbers of alfalfa nitro-cultures distributed to farmers during 1924, 1925 and 1926.

	1924	1925	1926
Ottawa.....	1,090	1,344	3,402
Guelph.....	3,693	3,445	10,861
Totals.....	4,783	4,789	14,263

These figures further substantiate the statement that the campaign was a decided success and soon we may expect the Province of Ontario to have well over one million acres of alfalfa.

In 1925, the Province of Ontario stood eighth in acreage of alfalfa as compared with the various States of the United States; being exceeded only by Nebraska, Kansas, Montana, Colorado, Utah, Idaho and California. These states are all west of the Mississippi and thus Ontario leads in alfalfa acreage as compared with any state east of the Mississippi valley.

The production of hardy alfalfa seed has been an important cash crop with many Ontario farmers, particularly in the Counties of Peel, York and Halton which produce approximately sixty-five to seventy per cent. of the seed grown in Ontario. In comparison with the States of the Union, Ontario stands second in the production of alfalfa seed being surpassed only by the State of Utah.

At the present rate of increase we may soon expect Ontario to lead in acreage of alfalfa and also in the production of seed.

European Corn Borer—Due to the ravages of the corn borer the acreage of corn in the corn growing counties has been materially decreased and the possibilities are that the acreage for 1927 will be further decreased. An Act for the Eradication of the Corn Borer was passed in 1926 and as a result of this Act the Counties of Essex, Elgin, Kent, Lambton, Middlesex, Norfolk, Oxford and Prince Edward have appointed inspectors to assist in the extermination of the borer and enforce the Act. These inspectors are working under the direction of the Provincial Entomologist. Owing to the very wet fall it has been impossible for farmers to clean up and plow their corn fields. However, in the majority of counties the inspector has the support of the people in enforcing the Act. In all the infested counties the Representatives are actively carrying on an educational campaign for the destruction of the corn borer.

SPRAY SERVICE

In 1925, a special spray service was inaugurated in eight counties and this year the same service was continued and extended to eighteen counties. The Representatives in the fruit growing counties studied their problem and received assistance and advice from Fruit Growers' Associations, Vineland Experimental Station, the Ontario Agricultural College and the Fruit Branch, as well as prominent fruit growers. Special spray meetings were arranged, timely spray bulletins prepared and distributed and regular personal visits made to members of the spray ring. The County Representatives have received many letters from growers expressing appreciation of the service and requesting that it be continued in 1927. In all cases where the spray service recommendations were followed the percentage of No. 1 apples was increased, and in many cases as high as ninety-five per cent. clean fruit was reported.

The following table gives statistical information:

County	Number of Applications	Number of Men Receiving Service
Brant.....	19	19
Dundas.....	49	49
Durham.....	67	67
Grenville.....	7	7
Grey.....	5	5
Hastings.....	12	7
Huron.....	27	27
Leeds.....	13	13
Northumberland.....	55	55
Ontario.....	10	10
Peel.....	7	7
Halton.....	35	35
Lincoln.....	201	201
Kent.....	12	12
Lambton.....	67	49
Middlesex.....	45	30
Norfolk.....	247	247
Prince Edward.....	151	151
Wentworth.....	25	25
Total.....	1,054	1,016

Experimental and Demonstration Work—In co-operation with other departments the County Agricultural Representatives carry on much experimental and demonstration work. These experiments and demonstrations cover a wide range of subjects such as fertilizers, variety tests of grains, fruits and vegetables and experiments for the control of various diseases and insects.

Drainage—In many counties the farmers are interested in under-drainage but are waiting until economic conditions adjust themselves and thus make it possible for them to secure tile at a reasonable price.

Farm Labour—In counties where there is no permanent employment office the Representative acts as an official of the Immigration Branch and assists the farmers in securing suitable help. Reports would indicate that a fairly good class of farm labour is being secured by Ontario farmers.

County Advisory Agricultural Councils—These boards appointed by the county councils have been very active in some counties and are of material assistance to the County Representative. They usually meet two or three times a year and assist in planning and carrying out the community and county projects.

Farmers Educational Tours—In many counties the Representatives organize farmers' tours. These trips are highly educational and also serve as an advertisement for the counties taking the trips. In Southwestern Ontario the Counties of Essex, Kent and Lambton have an annual tour to some point in the United States. The County of Durham had a farmers' bus trip around Lake Ontario and the farmers of Ontario County had a trip to the O.A.C., Guelph. All of the counties assisted in organizing for the Farmers' Week at the Ontario Agricultural College, Guelph.

COUNTY EXHIBITS AT C.N.E., TORONTO

This year the Counties of Dufferin, Durham, Northumberland, Grey, Hastings, Kent, Lincoln, Norfolk, Peel, Wellington and Wentworth had exhibits at the Canadian National Exhibition. These counties all had excellent exhibits displaying the products of their farms and industries which advertised their potentialities. These highly educational exhibits were viewed and very favourably commented on by many interested spectators both rural and urban. These very attractive county exhibits were arranged and displayed by the County Agricultural Representatives assisted by the county council and local agricultural organizations. Free space was provided by the Canadian National Exhibition but each county was responsible for providing and arranging their own display material.

JUNIOR EXTENSION WORK

Rural School Fairs—The value and popularity of Rural School Fairs, continue to grow throughout Ontario. In spite of a very wet and disagreeable school fair season the number of entries was normal and the enthusiasm of the children great. The quality of the exhibits was also very good considering the poor weather at harvesting time. During the season of 1926, there was a total of 279,381 entries or an average of 522 per school fair. This year, 4,655 schools took part in 535 school fairs which were attended by 167,504 children and 210,014 adults. The following quantities of high class seeds, eggs and baby chicks were distributed by the Ontario Department of Agriculture for School Fair purposes during 1926:

POTATOES.. Irish Cobblers.....	595	bags
Green Mountains...	351	"
Dooleys.....	375	"
Total.....	1,321	bags, distributed in 5-lb. lots to 23,778 pupils
OATS..... O.A.C., No. 72.....	50 $\frac{1}{4}$	bushels
O.A.C., No. 3.....	10 $\frac{1}{2}$	"
O.A.C., No. 144.....	16 $\frac{1}{2}$	"
Banner.....	101 $\frac{1}{2}$	"
Alaska.....	2 $\frac{1}{2}$	"
Total.....	181 $\frac{1}{4}$	bushels distributed in $\frac{3}{4}$ -lb. lots to 6,562 pupils
BARLEY....O.A.C., No. 21.....	112 $\frac{1}{2}$	bushels distributed in 1-lb. lots to 5,400 pupils
WHEAT....Marquis.....	78	" " " " 4,680 "

TOTAL PUPILS RECEIVING POTATOES AND GRAIN, 40,420

Beets, Carrots, Onions, Parsnips.....	60,000	packages
Mangels and Turnips.....	17,700	"
Corn—Field and Sweet.....	23,400	"
Flowers.....	69,400	"
Eggs.....	13,787	dozen
Baby Chicks.....	4,795	chicks

In 1926, there were 40,420 Ontario farm boys and girls receiving small lots of grain and potatoes. The seed potatoes were fully certified and were the best obtainable in the Province of Ontario. The seed grain was registered and was of a very high quality. It is almost impossible to estimate the value of field crop improvement brought about by the distribution of this high class seed to so many farms in the Province. The distribution of these small lots of seed has in many cases been the means of many farmers beginning to produce high class seed grain.

SCHOOL FAIR STATISTICS

County	No. of fairs	No. of schools	No. of pupils	No. of plots	No. doz. eggs distributed	No. of baby chicks	No. of entries	Attendance	
								Children	Adults
Algoma.....	11	56	1,774	4,022	440	.....	4,768	2,335	2,875
Brant.....	8	59	1,630	2,270	175	.....	4,024	2,135	1,710
Bruce.....	16	156	3,728	5,356	438	.....	6,499	5,560	6,800
Carleton.....	11	94	2,359	3,937	377	.....	6,198	4,405	6,225
Dufferin.....	8	74	1,265	1,950	143	.....	2,953	1,575	1,495
Durham.....	12	91	2,203	2,785	208	270	4,410	2,930	3,625
Dundas.....	9	112	2,850	2,193	158	526	4,630	3,075	3,950
Elgin.....	14	135	3,665	4,379	646	.....	6,421	3,711	3,460
Essex.....	14	114	4,782	4,954	303	300	8,662	5,400	3,220
Frontenac.....	11	122	2,110	4,012	176	.....	4,161	3,550	3,000
Glengarry.....	9	122	3,626	5,999	117	.....	3,609	4,050	3,100
Grenville.....	6	80	1,760	1,856	107	.....	3,568	2,500	2,800
Grey.....	19	206	4,957	6,114	422	.....	9,975	6,415	13,400
Halton.....	8	44	1,867	4,692	110	416	6,222	4,550	3,750
Haldimand.....	7	86	2,160	3,156	168	.....	3,488	2,315	3,725
Hastings.....	10	140	2,800	4,125	170	.....	5,445	3,715	3,685
Huron.....	20	164	3,000	3,000	384	.....	11,677	7,200	6,950
Kenora.....	12	29	700	2,380	170	.....	2,606	828	517
Kent.....	12	157	4,813	6,047	765	.....	8,262	3,575	4,750
La bton.....	13	147	3,467	6,362	567	.....	9,123	4,075	10,700
Lanark.....	9	86	1,622	1,410	210	.....	4,815	3,400	4,300
Leeds.....	10	120	2,341	3,661	133	330	6,256	3,275	6,700
Lennox and Addington.....	10	91	1,843	3,200	112	.....	2,814	2,250	2,325
Lincoln.....	7	47	2,359	2,142	217	.....	5,253	2,740	4,350
Manitoulin.....	11	59	1,500	2,617	298	.....	3,313	1,700	1,700
Middlesex.....	11	107	2,785	3,540	359	.....	7,070	4,840	10,750
Muskoka and Parry Sound.....	20	130	4,342	3,748	594	.....	15,040	3,800	8,555
Norfolk.....	8	104	2,700	3,598	222	.....	3,189	2,875	4,050
Northumberland.....	9	99	2,365	33,35	319	10	4,180	3,285	5,950
Ontario.....	18	114	3,650	4,532	282	.....	13,825	5,675	8,525
Oxford.....	10	105	4,973	4,872	180	275	9,981	4,950	5,500
Peel.....	6	70	2,230	2,411	190	730	3,847	4,250	3,900
Perth.....	8	60	1,830	2,430	145	.....	8,700	1,620	1,580
Peterboro.....	8	58	2,405	2,200	205	.....	2,873	2,150	2,550
Prescott and Russell.....	12	71	2,128	2,946	158	.....	2,768	3,175	4,650
Prince Edward.....	8	83	1,725	3,354	223	.....	3,168	1,820	2,375
Rainy River.....	13	73	3,339	3,021	316	.....	3,890	2,665	1,615
Renfrew.....	11	70	1,806	2,591	165	.....	4,094	2,815	2,095
Simcoe South.....	8	96	2,753	4,305	416	.....	5,306	3,100	3,650
Simcoe North.....	9	97	4,533	1,174	359	.....	5,244	2,570	2,650
Sudbury.....	10	79	2,390	1,921	469	.....	4,498	2,660	835
Timiskaming.....	12	30	788	1,031	123	.....	1,800	830	755
Port Arthur.....	8	34	969	1,994	137	.....	2,132	1,160	770
Fort William.....	8	27	750	1,374	85	.....	1,990	1,020	760
Victoria.....	14	100	2,480	3,752	327	.....	5,525	3,225	3,150
Waterloo.....	7	69	2,600	3,124	.....	1,938	5,011	4,365	5,600
Welland.....	8	76	3,703	3,703	236	.....	4,668	4,460	3,225
Wellington.....	12	112	2,298	3,208	250	.....	7,029	2,770	4,312
Wentworth.....	8	72	3,651	3,474	177	.....	5,958	4,710	3,050
York.....	12	128	5,018	6,000	459	.....	8,443	5,450	10,050
Total.....	535	4,655	136,227	180,000	13,787	4,795	279,381	167,504	210,014

Educational Features—In addition to the regular classes the School Fair committees have arranged for special competitions and demonstrations to create interest and develop a spirit of rivalry along certain definite lines. Some of the major competitions were Health, Public Speaking, Health Poster, Stock Judging, Stock Naming, First Aid, Home Canning, and Poultry Culling. In each school the high pupil receives a Certificate of Honour signed by the Minister of Agriculture and the local Agricultural Representative.

In some cases, School Fairs are held jointly with the local fall fairs. Generally speaking, these school fairs materially increase the attendance and interest of the fall fairs but the children do not have the same incentive to work as they feel that they are a side line of the fall fair and the day does not mean so much to them as where they have a fair of their own.

This year all the county representatives report that they have received excellent support and co-operation from the local trustees, ratepayers, agricultural organizations and the Department of Education represented by school teachers and public school inspectors.

Championship School Fairs—These Championship School Fairs are usually held in conjunction with one of the larger fall fairs located in the central part of a county and this arrangement seems to work out to the mutual satisfaction of all concerned. By bringing to one central point the champion pupils and champion exhibits much good is accomplished. The pupils and adults have an opportunity of mingling together and there is a tendency toward developing a better county spirit. This year Championship School Fairs were held in the following counties and districts: Brant, Carleton, Dundas, Elgin, Frontenac, Halton, Kenora, Lanark, Manitoulin, Norfolk, Oxford, Perth, Peterborough, Rainy River, Victoria, Welland and Wentworth. In many other counties school fair champions were brought together to decide the county champion or championship team in such contests as public speaking, live stock judging or home canning.

Poultry Breeding Centres—The Ontario Poultry Breeding Centres supervised by the county representatives not only supply eggs and baby chicks for school fair purposes, but also supply neighbouring farmers with eggs and breeding stock. During the 1926 season farmers ordered 7,160 dozen eggs and bought 1,233 cockerels for breeding purposes. Each year poultry extension men from the Poultry Department of the Ontario Agricultural College inspect the breeding station flocks and cull them, thus eliminating any off-type or inferior birds. This year most of the breeding station birds were blood tested for white diarrhoea. The Ontario Agricultural College and the Kemptville Agricultural School supplied high quality male birds for the use of the breeding stations. School pupils had the choice of three breeds, namely, Barred Rocks, White Wyandottes or White Leghorns. The following statistics show according to breed the number of dozen eggs and baby chicks distributed:

Breed	Number Dozen Eggs	Number Baby Chicks
Barred Plymouth Rocks.....	12,829	3,747
White Wyandotte.....	402	78
White Leghorn.....	556	970
Totals.....	13,787	4,795

Baby chicks were distributed in the following counties: Durham, Dundas, Halton, Essex, Leeds, Northumberland, Oxford, Peel, Waterloo.

POULTRY BREEDING STATIONS

TABLE OF POULTRY BREEDING STATION STATISTICS FOR 1925

County	No. of P.B. Stations	No. of Hens and Pullets	No. of Cockerels	No. Dozen Eggs for School Fairs	No. Dozen Eggs to Farmers	No. of Cockerels to Farmers
Algoma.....	5	360	18	191	112	18
Brant.....	5	331	20	175	...	8
Bruce.....	6	740	31	466	249	21
Carleton.....	7	410	25	379	146	67
Dufferin.....	4	250	17	101	54	11
Dundas.....	4	930	20	160	215	20
Durham.....	6	560	15	208	238	8
Elgin.....	8	1,005	42	647	345	88
Essex.....	2	225	14	306	500	...
Frontenac.....	4	529	18	180	125	24
Gengarry.....	2	125	5	117	34	17
Grenville.....	3	295	22	101	51	5
Grey.....	8	470	25	425	187	18
Haldimand.....	1	230	12	155	124	65
Halton.....	4	420	14	110	410	35
Hastings.....	2	350	15	241	360	...
Huron.....	2	395	17	275	35	15
Kenora.....	4	188	9	170	51	9
Kent.....	4	730	33	620	510	74
Lambton.....	6	705	28	550	...	77
Lanark.....	4	405	16	210	...	...
Leeds.....	8	1,003	30	134	225	21
Lennox and Addington.....	1	150	11	112	136	31
Lincoln.....	...	...	...	...	...	...
Manitoulin.....	8	524	21	302	...	41
Middlesex.....	6	555	32	346	370	36
Muskoka and Parry Sound...	6	186	14	596	...	...
Norfolk.....	2	350	6	222	...	...
Northumberland.....	2	390	34	306	28	6
Ontario.....	4	699	26	282	261	31
Oxford.....	4	445	26	150	50	58
Peel.....	5	407	21	324	439	46
Perth.....	1	300	12	100	300	30
Peterboro.....	2	205	10	205	140	5
Prescott and Russell.....	4	288	15	158	115	16
Prince Edward.....	4	939	23	223	...	...
Rainy River.....	10	382	23	335	29	26
Renfrew.....	7	292	18	167	114	32
North Simcoe.....	6	360	24	381	294	12
South Simcoe.....	4	500	28	416	130	50
Sudbury.....	5	275	14	470	...	...
Timiskaming.....	...	...	...	...	...	...
Fort William.....	3	152	8	75	27	5
Port Arthur.....	2	220	12	130	...	...
Victoria.....	4	370	20	313	136	32
Waterloo.....	4	934	27	378	...	...
Welland.....	6	500	21	248	305	...
Wellington.....	2	625	17	212	90	175
Wentworth.....	2	325	12	177	25	...
York.....	5	405	17	463	200	...
Total.....	208	21,434	938	13,012	7,160	1,233

HOME GARDEN CONTESTS

Home Garden Competitions were conducted in the following counties:

County	Number of Home Garden Contests	Number of Boys	Number of Girls
Algoma.....	2	22	24
Brant.....	2	33	17
Bruce.....	2	37	23
Dufferin.....	2	29	30
Dundas.....	1	12	20
Elgin.....	1	..	40
Essex.....	4	52	52
Frontenac.....	1	26	24
Glengarry.....	1	14	11
Grenville.....	2	27	19
Grey.....	4	62	38
Haldimand.....	2	29	21
Halton.....	2	40	16
Hastings.....	2	25	25
Huron.....	3	40	35
Kenora.....	2	24	24
Lanark.....	1	6	5
Leeds.....	2	26	24
Lennox and Addington.....	1	18	7
Lincoln.....	1	19	2
Middlesex.....	2	27	4
Muskoka and Parry Sound.....	2	31	19
Norfolk.....	2	20	21
Ontario.....	1	13	13
Peel.....	2	35	15
Peterboro.....	1	25	25
Prescott and Russell.....	2	26	21
Prince Edward.....	1	17	11
Rainy River.....	2	31	19
Renfrew.....	1	5	8
North Simcoe.....	1	21	16
Timiskaming.....	1	13	12
Victoria.....	2	38	12
Waterloo.....	1	20	30
Welland.....	1	41	12
Wellington.....	2	31	13
Wentworth.....	1	43	20
Total.....	63	978	728

The Home Garden Contest is specially arranged for teen-age girls for the purpose of creating interest in farming as well as providing a greater variety of vegetables for the use of the farm family. Gardens are judged during July and August and prizes awarded for the best kept gardens. The following varieties of seeds were distributed at 50 cents per package.:

Beans—Golden Wax.
 Beets—Detroit Dark Red.
 Cabbage—Copenhagen Market.
 Carrots—Chatenay.
 Citrons—Colorado Preserving.
 Corn—Golden Bantam.
 Cucumber—White Spine.
 Lettuce—Grand Rapids.
 Onions—Yellow Globe Danvers.

Pickling Onions—Barletta.
 Parsnips—Hollow Crown.
 Peas—American Wonder.
 Radish—Scarlet White Tip Turnip.
 Squash—Warty Hubbard.
 Swiss Chard—Silver.
 Spinach—Victoria.
 Tomatoes—Bonny Best.
 Onion Sets—Yellow.

Boys' and Girls' Clubs—During 1926 Boys' and Girls' Clubs were organized in ten counties. These clubs were organized for special purposes and in many cases were fostered by service organizations such as Rotary and Kiwanis. The following table shows according to counties the number of clubs organized during 1926:

County	Name of Club	Membership
Carleton	Ottawa Kiwanis Potato Club	45
	Ottawa Rotary Poultry Club	44
	Whyte Variety Test in Seed Grains	12
Essex	Soy Bean	87
	Dent Corn	102
Elgin	Jersey Heifer Club	10
Frontenac	Kingston Kiwanis Potao Club	30
Grenville	Brockville Rotary Potato Club	11
Grey	Sheep Club	7
Kent	Corn Club	85
Middlesex	Four Sheep Clubs	42
Leeds	Brockville Rotary Potato Clubs	30
Prescott and Russell	Ottawa Kiwanis Potato Club	28
North Simcoe	Barrie Kiwanis Potato Club	68
Renfrew	Renfrew Rotary Farm Boys' Potato Club	19
Total Number of Clubs		18
Total membership		620

The benefits and results of Boys' and Girls' Club work are very pronounced as is illustrated from the following extracts taken from the annual report of the Carleton County Representative:

"In the Potato Club one bag of certified Dooley potatoes was distributed to each contestant. In the Rotary Club one setting of pure-bred eggs of breeds specified was given to each contestant. In the variety test of seed grains, samples of oats of the following varieties, sufficient to plant five rows one rod long, were distributed: Gold Rain, Alaska, Banner, Victory, O.A.C. No. 144.

"Our Potato Contest was very successful. The object on the part of the Kiwanis Club was to have an opportunity to call on and make the acquaintance of our farmers with the aim in view of creating a better understanding between city and rural folk, also to help in the adoption of approved methods of potato culture by the boys in their teens. This contest also included boys from Russell County, and there were seventy-five boys in all, forty-five from Carleton and thirty from Russell. The boys were obliged to grow and care for the crop and exhibit one-half bushel at the Ottawa Winter Fair. A very attractive exhibit was displayed at the Ottawa Winter Fair, and we are pleased to report that forty-two of our forty-five contestants exhibited their potatoes at the Fair (twenty boys from Russell also exhibited their lots).

"The boys and their fathers were entertained at luncheon on Friday, November 26th, in Ottawa by the Kiwanis Club. There was a full turnout of the boys and their fathers or older brothers and in all there were 350 at the luncheon. This gathering had the opportunity of hearing Mr. W. B. Roadhouse, Deputy Minister of the Ontario Department of Agriculture, as the special speaker for the occasion. One of the contestants, Ritchie Bell, spoke in an able manner, surprising to many of the Kiwanians, of the appreciation of the boys in Carleton County for all the Kiwanians had done for them. The results were all that our fondest hopes anticipated. Most of our boys were greatly benefited by the acquaintance of their city friends and they also in most cases, learned the benefits of using good seeds and following improved methods in growing potatoes. The club prizes were awarded at this very happy function.

"The results as gathered from our field inspection and records contributed by the boys point to the value of good seed and proper care. Where proper care was given, fair profits usually followed. In a few cases where losses were experienced, late blight and too wet and cold a spring were responsible. The largest yield of the contest was forty bushels from the one bag of seed and the grower Donald Graham, Britannia Bay, had a profit of \$323.00 per acre. The winner of the contest, Arthur Stewart, of Kinburn, had a yield of thirty-six bushels, a profit of \$247.00 per acre and a field score of ninety-two and exhibit score of eighty-eight, these being the highest scores in the contest. This same boy showed potatoes in the regular classes at the Ottawa Winter Fair and was awarded fifth place in a strong class. The Kiwanis Club and the farm boys expressed their appreciation of the contest and the better understanding it had created."

ROTARY POULTRY CONTEST

"The aim and object of this competition was the same as that by the Kiwanis Farm Boys' Potato Club, that a medium be established through which the members of Rotary could become better acquainted with families in Carleton County and that the rural people get better acquainted with men of the city, and also that our girls and boys on the farm endeavour to learn the poultry business.

"The contest is in two divisions, summer and winter. The summer contest was based on management from the time eggs were set till pullets were put in winter laying quarters. Improvement in conditions for poultry about the farm counted for most in the summer contest. It is gratifying to report that a number of the girls and boys received wonderful co-operation from their parents in improving the housing conditions for the home flock. We found ten new houses were erected or about to be erected. The winner of the contest, Alfred Kennedy, Dunrobin, seventeen years of age, remodelled an old building to conform to the most modern type of house and had his pullets housed in September and they were laying in October. One boy trapnested his flock of thirty pullets and by the end of October he had one pullet that had laid twenty-seven eggs on twenty-seven consecutive days. This boy was well acquainted with modern poultry practices before the contest started and although an expert with his flock did not score as high as the boy who brought the home flock from very ordinary conditions to a high standard.

"The Rotary Club entertained the girls and boys to a luncheon in the Chateau Laurier on Monday, November 22nd, at which function we had the privilege of hearing the Hon. J. S. Martin, who was the guest of the club and acted as special speaker for the function. A pleasing part of the programme was the fine style in which the appreciation of the contestants was expressed in two minutes speeches from Allan Seabrooke, North Gower; Miss Louise Gourlay of Carp, and Alfred Kennedy of Dunrobin. The girls and boys received many very fine prizes from the Rotary Club and the highest scoring individuals, Alfred Kennedy, Dunrobin, and Miss Louise Gourlay, Carp, received a letter from the Minister, entitling them to a two weeks' course at the Kemptville Agricultural School."

Junior Farmer Associations—In the Province of Ontario there are at the present time 110 Junior Farmer Associations with a total membership of 3,694. There are eight county associations with a membership of 857. The members of these associations are the brightest and keenest of our farm boys. The construction programmes carried out by these organizations are very effective from a community standpoint and are very influential in developing leadership among the members of the association. Some of the main features of the Junior Farmers' programmes have been as follows:

- | | |
|--|-----------------------------|
| 1—Stock and Crop Judging Competitions. | 5—Dramatic Contests. |
| 2—Plowing Competitions. | 6—Public Speaking Contests. |
| 3—Debating Leagues. | 7—Social Activities. |
| 4—Athletic Contests. | 8—Community Improvement. |
| | 9—Tours and Excursions. |

Encouraged by the inspiration and progressive work which accrued from the conferences held last year, Junior Farmer conventions were again held in Guelph and Kemptville and in addition one was arranged at Belleville for the central counties of Eastern Ontario.

Belleville, October 20th—About sixty delegates and members were present from the Counties of Victoria, Durham, Northumberland, Peterborough, Hastings, Prince Edward, and Lennox and Addington. The programme included addressed by Junior Farmer leaders from other counties and judging by the keen participation in discussion, we may expect an extension in Junior Farmer work in this area. The Belleville Kiwanis Club and the Hastings County Junior Farmer organizations co-operated in entertaining the visitors at luncheon at which Principal W. J. Bell, of the Kemptville Agricultural School addressed the gathering on "Some of the outstanding problems in Eastern Ontario Agriculture."

Kemptville, October 21st—In general arrangement this second annual convention was similar to the one held last year. It coincided with the girls' conference and part of the programme was conducted jointly. There was a notable difference between this conference and the first one. As reports were given by the delegates from the county and branch units it was evident that Junior Farmer work in the area had made excellent progress during the year and the 1925 meeting is given credit for contributing materially to this success. About fifty young men were in attendance.

Guelph, November 26th, 1926—The largest convention was held at Guelph as this is the heart of the most highly organized district. Over 100 delegates and members attended and many excellent suggestions were offered by the young men for the improvement of their organizations. The programme of this convention is included and is somewhat similar to those of the other meetings.

JUNIOR FARMER CONFERENCE

MASSEY HALL, O.A.C., GUELPH, FRIDAY, NOVEMBER 26TH, 1926

Morning Session

Chairman—N. C. McCully, St. Marys, Perth County

10.00 a.m.—Call to Order.

10.05 a.m.—Introductory Remarks—R. S. Duncan, Director, Agricultural Representative Branch, Toronto.

10.15 a.m.—What Extension Department, University of Toronto Can Offer Rural Organizations Such as Junior Farmer Associations—W. J. Dunlop, Director, Extension Department, University of Toronto, Toronto.

10.40 a.m.—Discussion.

10.45 a.m.—Assistance Offered by Extension Department, O.A.C.—L. Stevenson, Director of Extension, O.A.C., Guelph.

10.55 a.m.—Discussion.

11.00 a.m.—The County Junior Farmer Association Programme—Richard Baycroft, Aurora, York County.

11.15 a.m.—Discussion.

11.20 a.m.—The Branch Junior Farmer Association Programme—Clarence Dennis, Brampton No. 6, Peel County.

11.35 a.m.—Discussion.

11.40 a.m.—Organization of Social Recreation—A. McLaren, B.S.A., 86 Adelaide St. E., National Council, Y.M.C.A., Toronto 2.

12.15 noon—Joint Luncheon with Junior Institute Delegates in College Cafeteria.

Chairman—Harry J. Laidlaw, Brampton No. 1, Peel County.

Address—J. B. Reynolds, President, O.A.C., Guelph.

1.45 p.m.—Massey Hall. Committee—Division into three groups, R. S. Duncan.

Committee No. 1, Chemistry Building. Chairman, Roy Thomson, Glanford Station, Wentworth County.

Subject: Programme—Zone, County and Branch.

Committee No. 2, Chemistry Building. Chairman, Alex. B. McKague, Teeswater, Bruce County.

Subject: Developing Leaders—Encouraging Non-participating Members—Attracting Possible Members.

Committee No. 3, Massey Hall. Chairman, Jas. Burnett, Elora No. 3, Wellington County.

Subject: Financing Junior Farmer Associations.

Committee No. 4. *Chairman to be appointed.*

Subject: Resolutions.

3.00 p.m.—Massey Hall. Chairman, Lloyd Snyder, Elmira, Waterloo County.

Presentation of Reports of Committees in above order.

4.15 p.m.—College Gymnasium. Demonstration, Social Recreation Programme by A. McLaren. Participated in by Junior Institute and Junior Farmer groups.

The Junior Institutes—The activities of the Junior Institutes are following closely with those of the Junior Farmers' organizations. At the conclusion of short courses, Junior Institutes are organized and these clubs actively participate

in community development. By combining and co-operating in programmes and social life, much enthusiasm is created and many projects are successfully completed. The representatives have co-operated with the Women's Institute Branch in organizing and carrying out various community and county programmes.

Champion Juniors' Trip to Chicago—The trip to Chicago was given as a championship prize to juniors in the various county competitions. In 1926, there were fifteen boys and nine girls attended the International Live Stock Exposition and Boys' and Girls' Club Congress held at Chicago. This year the group was in charge of E. I. McLoughry, Agricultural Representative for Waterloo County, and Miss E. Slicter, of Kitchener. The following is a list of those taking the trip.:

County	Name and Address	Donor of the Prize
<i>Boys:</i>		
Durham.....	Clarence Allin, Newcastle.....	Junior Farmers' Association.
Peel.....	Douglas Dunton, Brampton, No. 6....	Junior Farmers' Association.
	Geo. Wilkinson, Cheltenham.....	" " "
Perth.....	Fred McKay, Jr., Stratford, No. 2....	Perth County Council and Perth County Junior Farmers' Ass'n.
	Reuben Wettlaufer, New Hamburg....	Perth County Council and Perth County Junior Farmers' Ass'n.
Simcoe S.....	Gilbert Faris, Bradford.....	Municipal Bankers Corp., Ltd.
Victoria.....	J. Milton Fisher, Woodville.....	Local Funds.
Waterloo.....	Wm. Iutzi, Baden.....	J. M. Schneider Packing Co., Kitchener.
	Elmer Stoltz, Ayr, No. 1.....	J. M. Schneider Packing Co., Kitchener.
Wellington.....	Stanley Lawless, Palmerston.....	Wellington Junior Farm Boys, S.S. No. 7, Maryboro.
	Everett Oxby, Rothsay, No. 1.....	Wellington Junior Farm Boys, S.S. No. 7, Maryboro.
Wentworth.....	Grant Cranston, Glanford Station....	Royal Bank of Canada.
	Osborne Sager, St. George.....	S.S. No. 5 Beverly, and School Fair Association.
York.....	Sandy Latimer, Sutton West.....	York County Council.
	Elton Armstrong, Armitage.....	" " "
<i>Girls:</i>		
Haldimand.....	Miss Elga Lint, Cayuga, No. 3.....	County Council.
Peel.....	Mrs. Ken. McIlwrick, Streetsville....	Peel Junior Institute.
	Miss Marjorie Van Wyck, Caledon....	" " "
Simcoe S.....	Miss Genevieve Jamieson, Thornton...	Women's Institute.
Wellington.....	Miss Katharine Cleghorn, Guelph, No. 7	Hon. H. Guthrie.
	Miss Margaret McNabb, Rockwood...	Wellington Junior Farm Girls.
Wentworth.....	Miss L. Krick, Stoney Creek.....	Hamilton Spectator.
	Miss Gladys Goodbrand, Greensville...	Junior Institute.
	Mrs. Alvin Weaver.....	School Section.

Eastern Ontario Junior Farmers' Field Day at Kemptville—The fourth annual field day was held at the Kemptville Agricultural School on June 16th. This event has become very popular with the young people of the eastern counties and this year between 3,000 and 3,500 attended. An interesting athletic programme was conducted and opportunity was afforded also of inspecting the crops and herds and of meeting members of the school staff. Carleton County was again successful in winning the trophy awarded annually for the highest number of points in sport events.

Junior Farmers' Plowing Competition—The home plowing competitions have been big factors in encouraging better plowing in the various counties. The weather was so bad during the past autumn that it was almost impossible to conduct successful competitions. The Department of Agriculture assisted in financing the prize money by giving grants not to exceed \$25 per competition. The following is the list of competitions held in 1926:

County	Name of Organization Conducting Competition	No. of Competitors	Amount of Prize Money Paid	Amount of Grant Payable
Bruce.....	Teeswater, Walkerton, Port Elgin and Chesley.....	22	\$128 00	\$25 00
Carleton.....	Carleton Junior Farmers.....	10	15 00	7 50
Dufferin.....	Dufferin County Plowmen's Association.....	10	39 00	19 50
Grenville.....	Grenville Juniors' Competition.....	5	9 00	4 50
Halton.....	Halton Plowmen's Association.....	12	60 00	25 00
Hastings.....	Hastings Junior Farmers.....	12	50 00	25 00
Manitoulin.....	Manitoulin Plowing Competition.....	19	101 00	25 00
Middlesex.....	Komoka Plowmen's Association.....	28	268 00	25 00
Peterborough.....	Peterborough Junior Farmers Association.....	12	50 00	25 00
Prince Edward.....	Prince Edward Junior Farmers.....	11	67 50	25 00
Timiskaming.....	Junior Farmers' Association.....	9	52 85	25 00
Waterloo.....	Elmira Junior Farmers' Association.....	19	50 00	25 00
	Totals—12.....	169	\$890 35	\$256 50

PROFIT COMPETITIONS

These competitions are conducted for the purpose of encouraging junior farmers to keep cost records of various crops and from an analysis of these to determine the comparative value and cost of production of these crops. In addition to this the winners of these competitions are given a prize of a two weeks' short course at either Guelph or Kemptville. During 1926 competitions were conducted as follows:

	No. of Competitions	No. of Contestants
Acre Profit Competitions with Oats.....	10	42
“ “ “ “ Potatoes.....	4	23
“ “ “ “ Silage.....	2	6
“ “ “ “ Turnips.....	1	4
“ “ “ “ Barley.....	1	5
“ “ “ “ Wheat.....	2	10
Dairy Profit Competitions.....	4	14
Baby Beef “.....	8	29
Feeding Hogs “.....	7	26
Steer Feeding “.....	1	4
Poultry Profit “.....	1	5
Garden Club “.....	1	16
Total.....	42	184

ACRE PROFIT COMPETITIONS

Prizes were awarded to competitors showing the highest net profit per acre. In order to have uniformity in calculating the cost of production and profit the following values were used:

1. Man and Horse Labour:
 - Man labour to be reckoned at 25c. per hour.
 - Horse " " " " 15c. " "
2. Fertilizer:
 - Barnyard manure applied to this crop at \$1.00 per ton or two-horse load.
 - " " " " to previous crop at 50c. per ton or two-horse load.
 - Commercial fertilizer applied to this crop at two-thirds of cost price, additional commercial fertilizer applied to previous crop at one-third of this year's cost price.
3. Rent of Land:
 - To be computed on the basis of eight per cent. of the selling value of the land, this to be figured by the Representative and the Junior Farmers' Associations.

Value Seed Used in Planting:		Value Product Harvested:	
Turnips.....	\$0 80 per pound.....	\$0 12 per bushel.....	
Mangels.....	45 " ".....	12 " ".....	
Potatoes.....	3 00 " bag.....	1 60 " bag (90 pounds)	
Spring Wheat.....	1 75 " bushel.....	1 25 " bushel.....	
Oats.....	95 " ".....	40 " ".....	
Barley.....	1 25 " ".....	65 " ".....	
Pea Beans (white).....	2 25 " ".....	2 50 " ".....	(No. 1 Pickers)
Marrowfat Beans (yellow eye).....	3 00 " ".....	2 50 " ".....	
Corn for Silage.....	1 75 " ".....	4 60 " ton.....	

The following table gives by counties the winners and the results of each:

County and Winner	Yield in Bushels per Acre	Value	Cost of Production	Profit
	Oats			
Elgin—Jack Ferguson, Belmont.....	59	\$23 76	\$21 57	\$2 19
Glengarry—Roy McLeod, Dunvegan.....	49	19 60	15 11	4 49
Kent—C. W. Colby, Ridgetown, No. 1.....	55	22 00	21 26	74
Lennox and Addington—Roy A. Hartman, Odessa..	50	20 00	13 84	6 16
Lambton—George Hardy, Sarnia.....	40	16 00	18 98	loss 2 98
Lincoln—Edward S. Parkham, Smithville, No. 1....	60	24 00	18 60	5 40
Middlesex—Milton J. Campbell, Komoko.....	60.7	24 28	15 65	8 63
Andrew G. Grieve, Ilderton, No. 2.....	70	28 00	19 78	8 22
Rainy River—William J. Hamilton, Big Fork.....	69	27 60	17 55	10 05
Timiskaming—Herbert C. Edwards, Englehart.....	68	27 20	19 66	7 54
	Potatoes			
Rainy River—Maurice MacMillan, Emo.....	480	512 00	113 28	398 72
Thunder Bay (Fort William)—Gordon Blaikie, Flint.	444	473 60	66 50	407 10
Wentworth—Noble Kirk, Freulton.....	290	307 40	84 75	222 65
Lloyd H. Small, Campbellville.....	275	291 50	73 17	218 33

CORN FOR SILAGE

	Tons			
Manitoulin—Archie A. Wickett, Meldrum Bay.....	15.9	73 14	27 15	45 99
Middlesex—Archie A. Campbell, Ilderton.....	33	151 80	24 05	127 75
	Turnips			
Bruce—Russel J. McKee, Tara, No. 5.....	1,600	192 00	53 88	138 12
	Barley			
Dufferin—Alvin C. Ferris, Shelburne.....	50	32 50	14 41	18 09
	Wheat			
Kent—Merton Simpson, Ridgetown.....	40	50 00	21 08	28 92
Renfrew—Charlie Sutton, Micksburg.....	26	32 50	15 18	17 32

BABY BEEF

In this competition the contestants had an opportunity of exhibiting their stock at fairs and exhibitions where certain classes were open to these boys only. The basis of award was seventy-five points for quality and finish, twenty points for lowest cost per pound of gain and five points for best kept records. Feed consumed was valued as follows:

Ground Oats.....	\$33 00	per ton	Low Grade Flour.....	\$47 00	per ton
Barley.....	36 00	" "	Tankage.....	64 00	" "
Ground Peas.....	44 00	" "	Hay.....	12 00	" "
Ground Rye.....	40 00	" "	Alfalfa.....	15 00	" "
Ground Wheat.....	45 00	" "	Straw.....	6 00	" "
Ground Corn.....	40 00	" "	Silage.....	4 50	" "
Corn on Cob.....	65	per bus.	Turnips.....	4 75	" "
Bran.....	31 00	" ton	Mangels.....	4 75	" "
Shorts or Middlings.....	33 00	" "	New Milk.....	30 00	" "
Oil Cake.....	53 00	" "	Skim Milk.....	4 50	" "
Cotton Seed Meal.....	50 00	" "	Buttermilk.....	4 25	" "
Gluten Feed.....	42 00	" "	Whey.....	2 00	" "
			Green Feed (name kind)...	2 50	" "

County and Winner	Breed	Date of Birth	Weight of Steer	Value	Cost Feed Consumed and Initial Cost of Animal	Net Profit	Score
Bruce— Alphonse Schmidt, Mildmay.....	Shorthorn	Jan. 2, 1926	710	\$69 22	\$50 12	\$19 10	86.0
Dufferin— Harold J. C. Torrance, Laurel.....	Hereford	Mar. 10, 1926	640	62 40	55 77	6 63	82.6
Middlesex— Ross McTaggart, Appin.....	Shorthorn	Oct. 12, 1925	1,050	102 38	62 46	39 92	93
A. C. Perry, Appin...	Hereford	Jan. 6, 1926	700	68 25	65 48	2 77	77
Ontario— Geo. T. Samson, Ux- bridge.....	Aberdeen Angus	Nov. 18, 1925	820	79 95	86 12	6 17	92
Peel— James A. Harper, Bol- ton.....	Shorthorn	Jan. 9, 1926	815	79 46	71 98	7 48	87.5
James Downey, Bolton	Hereford	Feb. 28, 1926	690	67 28	57 33	9 95	86.31
Will Rutherford, Bol- ton.....	Aberdeen Angus	Oct. 20, 1925	885	86 29	81 12	5 17	84.04

STEER FEEDING COMPETITION, 1926

County and Winner	Weight at Beginning of Feeding Period (2 steers)	Weight at Finish of Feeding Period (2 steers)	Gain in Weight (2 steers)	Cost of Feed	Cost of Feed per 100 lbs. Gain in Weight	Score
Bruce—Wilbur H. McKague, Tees- water, No. 1.....	Pounds 2,200	Pounds 2,715	Pounds 515	\$71 77	\$13 93	75.5

FEEDING HOGS FOR PROFIT COMPETITION, 1926

County and Winner	Length of Feeding Period	Average Weight of Hogs Alive when Marketed	Average Gain in Weight from Six Weeks of Age	Value per Hog of gain in Weight	Average cost of Feed per Hog	Average Net Profit per Hog	Average Net Profit per Cwt. Gain
Bruce—Lorne Evans Allenford.....	187	190	170	\$21 84	\$6 49	\$15 35	\$9 03
Durham—Mildred E. Sherwin, Orono...	142	207½	177½	21 74	6 66	15 08	8 50
Lambton—Peter D. Forbes, Wyoming, No. 1.....	220	223	187	21 79	14 92	6 87	3 10
Middlesex—Clayton Trott, Mt. Brydges, No. 1.....	191	222	190	24 11	8 95	15 16	7 97
Ontario—Russell Heron, Seagrave..	168	195	159	20 92	9 21	11 71	7 36
Rainy River—Wesley Barker, Devlin	178	230½	199	25 57	12 73	12 84	6 45
Simcoe N.—Will J. Elliott.....	224	250	228	26 82	11 33	15 49	6 79

DAIRY PROFIT COMPETITION, 1926

County and Winner	Value of Feed	Pounds Milk	Average Per Cent. Fat	Pounds Fat	Value	Pounds Skim Milk	Value Skim Milk	Net Profit
Lennox and Addington—Harvey Nelson Smith, Odessa.....	\$34 68	13,151	3.5	396	\$139 70	12,752	\$29 30	\$134 32
Lincoln—Lyall Merritt, Smithville.....	27 99	11,961	4	467 38	172 93	11,493.62	26 44	171 38
Middlesex—S. L. Shackelton, Mosley, No. 1.....	14 18	8,955	3.16	297.16	99 06	8,857.84	19 93	104 81
Wentworth—Roy G. Leeming, Glanford Station.....	39 40	13,936.2	3.5	495.2	170 99	13,441.0	30 90	163 49

Feed values for this competition were the same as those used for the baby beef competition.

Butter fat was valued as follows:

March.....	.48	August.....	.33
April.....	.37	September.....	.33
May.....	.34½	October.....	.33
June.....	.33½	November.....	.32
July.....	.33	Value skim milk at 23 cents a cwt.	

The prize was awarded in each case to the competitor showing the largest net profit.

COUNTY STOCK JUDGING COMPETITIONS

During 1926 there were twenty-seven counties conducting county stock judging competitions. These contests were usually held previous to the inter-county events and thus provided good preliminary training. There was a total of 949 competitors or an average of thirty-five per contest. The following table gives details of the competitions by counties:

County	No. of Competitors	Prize Money
Bruce.....	57	Trophies.
Carleton.....	47	\$90 00
Dundas.....	14	28 00
Durham.....	35	100 00
Elgin.....	45	40 00
Frontenac.....	40	49 75
Grey.....	90	Silver Cups.
Haldimand.....	19	Free trip to Royal and Guelph Winter Fairs.
Kent.....	64	\$172 00
Leeds.....	18	60 00
Lennox and Addington.....	21	55 00 and five silver medals.
Manitoulin.....	16	\$15 00
Middlesex.....	52	Cups and Medals.
Northumberland.....	3	
Ontario.....	34	\$78 50
Peel.....	50	235 00
Perth.....	42	140 00 and trophies.
Peterborough.....	30	80 00 and two trips to Royal.
Rainy River.....	21	30 00 and cup.
Renfrew.....	21	65 00
N. Simcoe.....	9	40 00
S. Simcoe.....	61	135 00 and trophies
Timiskaming.....	13	Cups.
Victoria.....	22	\$81 75
Waterloo.....	50	177 50
Wentworth.....	45	98 00
York.....	50	174 00

INTER-COUNTY JUDGING COMPETITIONS

In 1926, inter-county live stock judging competitions were held as usual at the Royal, Guelph and Ottawa Winter Fairs. Teams of three Junior Farmers, under twenty-six years of age, were trained by the county representatives. At the Royal the competition was open to any county in Ontario; Guelph was open to counties west of and including Victoria and Durham, and the Ottawa contest was confined to counties east of this.

The winning teams this year were as follows:

Royal Winter Fair—York County.

Members of Team—Donald Petch, Newmarket.
Fraser Gee, Gormley.
Clarence Graham, Maple.

Coach—R. J. Rogers.

Guelph Winter Fair—Wellington County.

Members of Team—Earl Howse, Arriss, No. 1.
Howard Barbour, Hillsburg, No. 1.
Irwin Kopas, Elora, No. 3.

Coach—R. H. Clemens.

Ottawa Winter Fair—Carleton County.

Members of Team—Ernest Caldwell.
Wilson Gourlay.
Harold Nesbitt.

Coach—C. M. Meek.

Following are the county standings and scores at the Royal, Guelph and Ottawa Fairs:

LIVE STOCK JUDGING COMPETITION, OTTAWA WINTER FAIR, NOVEMBER 24TH, 1926

COUNTY SUMMARY

County	Horses	Beef Cattle	Dairy Cattle	Sheep	Swine	Total	Standing
Carleton	470	519	452	466	416	2,323	1st
Renfrew	485	523	446	351	471	2,276	2nd
Dundas	507	531	406	455	362	2,261	3rd
Hastings	526	489	425	398	411	2,249	4th
Peterboro	491	538	415	339	430	2,213	5th
Lanark	484	446	385	383	428	2,126	6th
Leeds	474	424	423	344	435	2,100	7th
Grenville	411	454	479	313	405	2,062	8th
Lennox and Addington	440	469	412	298	419	2,038	9th
Glengarry	464	421	389	230	372	1,876	10th

INTER-COUNTY LIVE STOCK JUDGING COMPETITION

Held at Royal Winter Fair, November 11th, 1926

County Standing	Horses	Beef Cattle	Dairy Cattle	Sheep	Swine	Total
1 York	479	439	480	472	530	2,400
2 Carleton	428	427	548	453	486	2,342
3 Perth	436	520	477	413	486	2,332
4 Wellington	498	478	478	352	497	2,303
5 Oxford	437	432	510	420	473	2,272
6 Lanark	466	420	456	485	406	2,233
7 Wentworth	474	458	432	422	433	2,219
8 Bruce	460	403	475	392	464	2,194
9 Middlesex	467	416	445	448	410	2,186
10 Peel	489	424	410	374	471	2,168
11 Brant	418	377	443	418	474	2,130
12 Waterloo	442	391	447	414	427	2,121
13 Ontario	425	429	448	366	445	2,113
14 Dufferin	402	393	408	360	492	2,055
15 Simcoe South. } tie	477	349	469	402	358	2,055
16 Renfrew	450	372	420	458	351	2,051
17 Durham	461	362	397	417	386	2,022
18 Leeds	407	397	468	391	353	2,016
19 Haldimand	403	367	392	386	426	1,974
20 Grey	434	366	389	372	409	1,970
21 Lambton	420	427	354	306	424	1,931
22 Elgin	397	348	393	346	424	1,908
23 Lennox and Addington	422	378	343	365	389	1,897
24 Welland	409	356	375	349	404	1,893
25 Hastings	449	326	364	359	382	1,880
26 Essex	395	359	418	340	361	1,873
27 Dundas	394	342	382	328	386	1,832
28 Simcoe North	409	378	313	318	392	1,810
29 Lincoln	459	300	375	309	366	1,809
30 Huron	412	329	385	312	351	1,789
31 Grenville	378	241	361	311	358	1,649

INTER-COUNTY LIVE STOCK JUDGING COMPETITION

Held at Ontario Provincial Winter Fair, Guelph, November 29th, 1926

County Standing	Horses	Beef Cattle	Dairy Cattle	Sheep	Swine	Total
1. Wellington.....	402	512	470	488	540	2,412
2. Peel.....	472	461	465	453	511	2,362
3. York.....	364	456	473	542	459	2,294
4. Oxford.....	465	424	500	478	407	2,274
5. Wentworth.....	394	452	445	467	512	2,270
6. Dufferin.....	338	465	462	486	480	2,231
7. Haldimand.....	378	416	475	513	447	2,229
8. Durham.....	408	472	478	449	410	2,217
9. Middlesex.....	412	360	446	499	499	2,216
10. Grey.....	351	456	459	484	465	2,215
11. Victoria.....	397	469	482	453	395	2,196
12. Halton.....	437	442	468	491	356	2,194
13. Bruce.....	408	377	453	465	482	2,185
14. Perth.....	426	403	519	457	379	2,184
15. Waterloo.....	350	469	408	493	459	2,179
16. Huron.....	302	416	505	477	478	2,178
17. Simcoe North.....	379	408	458	493	419	2,157
18. Kent.....	407	367	429	474	453	2,130
19. Ontario.....	449	395	445	422	405	2,116
20. Lambton.....	392	424	464	479	356	2,115
21. Norfolk.....	323	395	444	490	430	2,082
22. Simcoe South.....	413	357	409	472	418	2,069
23. Lincoln.....	318	355	445	442	434	1,994
24. Elgin.....	313	345	448	419	275	1,800

PROVINCIAL CHAMPIONSHIP JUDGING COMPETITION

There was very keen rivalry in the eleventh competition between the teams of three boys winning in the east at the Ottawa Winter Fair and in the west at the Guelph Winter Fair, because Wellington and Carleton have each won three trophies in their respective districts and this was the second time teams from these counties had met in competition for the championship of the Province. Carleton County won by a margin of seventy-four points out of a possible 3,000, and this constitutes their second victory over Wellington County.

Excellent stock was provided by York County farmers as follows:

BEEF CATTLE:	Shorthorns.....	T. A. Russell, Weston.
	Finished Beef.....	Col. F. H. Deacon, Unionville.
DAIRY CATTLE:	Holsteins.....	Watson Brothers, Woodbridge.
	Jerseys.....	Baggs Brothers.
HORSES:	Draft.....	Dominion Transport, Toronto.
	Clydesdales.....	Don Alda Farm, Todmorden.
SHEEP:	Leicesters.....	Wm. Clarkson, Weston.
	Hampshire.....	L. E. Morgan, Miliken.
SWINE:	Tamworths.....	C. D. Boynton, Dollar.
	Yorkshire Sows.....	W. G. Rennie, Agincourt.

The judges were: Prof. W. J. Bell, of the Agricultural School, and Prof. Wade Toole, of the Agricultural College, Guelph.

The party was entertained at luncheon by Don Alda Farms, and at a dinner tendered by the donors of the trophy, the Union Stock Yards Company and the Ontario Packers, at which function the trophy was presented to the winning team by the general manager of the Union Stock Yards Company, who also presented each boy with a souvenir button of the event.

The following is a summary of the results:

	Horses	Beef	Dairy	Sheep	Swine	Total
Carleton . . . Ernest Caldwell, Bell's Corners	153	155	183	152	182	825
Wilson Gourley, Carp	167	135	158	115	181	756
Harold Nesbitt, Britannia Bay	151	167	168	132	178	796
Coach: C. M. Meek, Agricultural Representative, Carp						2,377
Wellington . . . Earl Howse, Ariss, No. 1	136	162	146	146	184	774
Howard Barbour, Hillsburg, No. 1	116	170	102	165	174	727
Irwin Kopas, Elora, No. 3	139	173	152	175	163	802
Coach: R. H. Clemens, Agricultural Representative, Arthur						2,303
Carleton	471	457	509	399	541	2,377
Wellington	391	505	400	486	521	2,303

INDIVIDUAL JUDGING COMPETITIONS AT EXHIBITIONS

At the larger exhibitions individual judging contests are held for Junior Farmers and Junior Institute members. These competitions are growing from year to year as the rural young people are taking a keener interest in them. The following table gives the number of contestants and the amount and division of prize money in the various classes at the shows:

Name and Date	Classes	No. of Prizes	Range of Prizes	Total Offered	Total Contestants
Canadian National Exhibition, September 8 and 9.	Heavy Horses	16	\$20—\$5 00	\$200 00	56
	Beef Cattle	16	20— 5 00	200 00	78
	Dairy Cattle	16	20— 5 00	200 00	91
	Sheep	16	20— 5 00	200 00	36
	Swine	16	20— 5 00	200 00	70
	Poultry	16	15— 50	120 50	19
	Grain and Roots	16	15— 50	120 50	57
Central Canada Exhibition, August 24	Fruit and Vegetables	16	15— 50	120 50	22
	Heavy Horses	9	15— 7 00	99 00	30
	Beef Cattle	9	15— 7 00	99 00	22
	Dairy Cattle	9	15— 7 00	99 00	54
	Sheep	9	15— 7 00	99 00	25
	Swine	9	15— 7 00	99 00	29
Western Fair, London, September 15	Heavy Horses	6	11— 3 00	40 00	18
	Beef Cattle	6	11— 3 00	40 00	23
	Dairy Cattle	6	11— 3 00	40 00	23
	Sheep	6	11— 3 00	40 00	10
	Swine	6	11— 3 00	40 00	14
Peninsular Winter Fair, Chatham, December 7 and 8	Heavy Horses	7	7— 1 00	28 00	44
	Beef Cattle	7	7— 1 00	28 00	44
	Sheep	7	7— 1 00	28 00	44
	Swine	7	7— 1 00	28 00	44
	Corn and Seed Judging	7	7— 1 00	28 00	28
Junior Corn Judging	6	5— 1 00	13 00	23	

Total prize money offered at fairs \$2,209 50

At the conclusion of the judging competitions on Wednesday, September 9th, 1926, at the Canadian National Exhibition, the Junior Farmers paraded under county banners, led by a bag-pipe band, from the Coliseum to the domestic

science judging hall where the Junior Institute girl judges joined the parade. The party of about 600 was led by officials of the Department of Agriculture and Directors of the Canadian National Exhibition in a parade around the grounds to a dining hall where all were guests of the Exhibition at a dinner. In the evening all the contestants and judges were entertained by the officials of the Canadian National Exhibition at the evening performance in a specially reserved section of the grand stand.

The Geo. Urban, Jr., Special of \$100 was provided by Mr. Urban, a prominent citizen of Buffalo, and a strong admirer of the Canadian National Exhibition, for the encouragement of the boys' competitions. It was decided to award the money as part of the judging competition conducted by the Department of Agriculture. The sum of \$10 was paid to each of the ten boys standing highest who had never previously attended the Canadian National Exhibition. This was of course in addition to the prizes awarded at the time by the Canadian National Exhibition. It was found that of a total of 429 boys who competed in the different classes, there were forty-eight who had never previously been at the Canadian National.

GIRLS' HOUSEHOLD SCIENCE JUDGING COMPETITION AT THE CANADIAN NATIONAL EXHIBITION

The third annual Household Science Judging Competition for girls was held at the Canadian National Exhibition on September 9th, 1926. The Board of Directors donated a handsome trophy for the highest county team of three girls and also provided \$440 prize money for individual competition. In the inter-county contest there were twenty-one teams entered and in the open competition 166 girls took part. In the counties the girls' teams were trained and coached by the staff of the Women's Institutes Branch co-operating with the county representatives. In most of the counties elimination contests were held and in this way many girls received excellent training. This year the winning team came from Haldimand County and the members of the team were as follows:

Elga Lint, R.R. No. 3, Cayuga.
Frances Fearman, R.R. No. 3, Caledonia.
Bessie Elder, Cayuga.

MONTH'S COURSES IN AGRICULTURE AND HOME ECONOMICS

Since 1912, this department has conducted short courses in agriculture and home economics. During 1926 there were 41 one-month courses in agriculture with a total enrollment of 1,362 students or an average of 24 pupils per course. There were 71 two-weeks' courses in home economics with a total enrollment of 2,816 girls or an average of 28 per course. In Northern Ontario there were 7 two-weeks' courses in agriculture with an enrollment of 310 pupils or an average of 38 per course. In home economics there were 5 courses with 146 students on the roll or an average attendance of 24 per course.

Courses in home economics included a study of foods, cooking, sewing, millinery and home nursing and first aid. These classes in home economics were conducted at the same time as the course in agriculture for boys. By running these classes concurrently it makes for increased attendance and promotes community development.

THREE-MONTHS' COURSES IN AGRICULTURE AND HOME ECONOMICS

Three-months' schools were held in the following counties:

County	Where Held	Agriculture		Home Economics	
		No. on Roll	Average Attendance	No. on Roll	Average Attendance
Bruce.....	Lucknow.....	25	19	38	27
Haldimand.....	Caledonia.....	67	36	94	57
Hastings.....	Stirling.....	75	35	130	60
Huron.....	Fordwich.....	28	14	32	15
Lambton.....	Mandaumin.....	72	21	38	18
Wentworth.....	Stoney Creek.....	44	27	68	47
Wellington.....	Drayton.....	49	25	60	34
Totals for 7 Courses.....	.....	360	177	460	258
Average per Course.....	.....	51	25	65	37

These courses are very popular in some of the counties as they give the pupils an opportunity of making a more thorough study of the sciences taught. The local people arrange for halls, heating and other expenses in connection with the course and special lecturers for the course are provided by the department. In these courses more time is given to a study of such subjects as English and mathematics. These courses are a big factor in community development.

SHEEP AND SWINE MARKETING COURSES

The Sheep and Swine Division of the Federal Department of Agriculture co-operated with the county representatives in organizing and conducting special sheep and swine marketing courses in conjunction with the regular short courses in each county. All these courses were very well attended and proved to be interesting and helpful to both old and young.

The Industrial and Development Council of Canadian Meat Packers, the Federal and Provincial Live Stock Branches, the Canadian Swine Breeders' Association and the county representatives conducted swine judging and marketing courses at the packing plants as follows:

Place	Date	Counties Included	Attendance
Toronto (East).....	Dec. 9, 10, 11	Hastings, Prince Edward, Northumberland, Peterboro, Victoria, Durham, Ontario, York, Peel, Halton, Dufferin.....	79
Toronto (West).....	Dec. 16, 17, 18	Grey, Wellington, Simcoe North, Simcoe South, Bruce, Huron, Haldimand, Welland, Lincoln, Wentworth, Muskoka and Parry Sound.....	64
Ingersoll, Ingersoll Packing Company's Plant..	Dec. 16, 17, 18	Essex, Kent, Elgin, Lambton, Middlesex, Oxford, Brant, Norfolk, Perth, Waterloo	60
Peterborough, Canadian Packing Company's Plant..	Jan. 20, 21, 22,	Renfrew, Carleton, Lanark, Leeds, Prescott and Russell, Glengarry, Dundas, Grenville, Frontenac, Lennox and Addington	31

THE ANNUAL CONFERENCE

The Nineteenth Annual Conference of Agricultural Representatives was held at the Ontario Agricultural College, Guelph, on July 5th-8th. This convention each year proves an interesting clearing house of ideas. It offers an opportunity for the men from fifty county offices to study methods which have been found successful and to present their more difficult problems for united consideration. The members were particularly inspired by addresses by Mr. A. B. Graham, in charge of co-operative extension work at Washington.

ZONE CONFERENCES

It has been found advisable to hold district meetings of agricultural representatives to discuss particular zone problems and conferences of this kind were held as follows: Kemptville, October 5th; Hamilton, October 11th; Arthur, October 13th; Ridgetown, October 15th; Port Hope, October 18th; Chatham (Special Tobacco), March 31st; London (Special Corn Borer), January 3rd, October 9th. In addition, numerous committee meetings were held dealing with special problems and phases of the work.

HOME DEMONSTRATION WORK, PEEL COUNTY

The people of Peel County have increased their demands upon the services of the home demonstrator as indicated by the following comparison which shows an increase in every item:

	1925	1926
Office Callers.....	695	977
Telephone Calls (Incoming).....	1,100	1,200
Letters Received (Approximate).....	957	1,300
Letters Sent.....	930	983
Circular Letters Sent.....	753	1,952
Bulletins Given Out.....	580	1,084
Meetings Addressed.....	96	127
Attendance.....	4,953	5,172
Special Short Courses.....	4	13
Schools Visited.....	7	10
Rural Homes Visited.....	96	156
Newspaper Articles.....	8	11
New Organizations Formed.....	1	6
Half Days in Office.....	269	284
Miles Travelled by Car.....	4,000	6,123

SHORT COURSES

A five-weeks' course in home economics at Caledon East was attended by a total of 110 girls and young women with an average daily attendance of sixty-five. Special nutrition schools were held as follows, instruction being given by the home demonstrator:

Place	Auspices	Dates	Registration	Average Attendance
Brampton.....	Junior Institute.....	Mar. 8-11.....	15	11
Brampton.....	C.G.I.T.....	Mar. 1-Apr. 26.....	15	14
Caledon.....	Junior Institute.....	Apr. 20-22.....	13	10
Cheltenham.....	Junior Institute.....	Apr. 25-28.....	8	8
Caledon.....	Women's Institute.....	June 10-Nov. 3.....	30	27
Dixie.....	Women's Institute.....	Oct. 12.....	32	32
Mono Road.....	Women's Institute.....	July 16-Dec. 3.....	36	32
Sandhill.....	Women's Institute.....	July 15-Dec. 9.....	22	19

OTHER SHORT COURSES

Place	Date	Course	Instructor	Registration	Average Attendance
Brampton.....	Nov. 24-26....	Basketry.....	Miss Sloan.....	6	6
Port Credit.....	Nov.-Dec.....	Nursing.....	Dr. Thompson...	12	12
Streetsville.....	February.....	Basketry.....	Mrs. Bruce.....	10	10
Streetsville.....	March.....	Basketry.....	Mrs. Bruce.....	10	9
Streetsville.....	Nov.-March...	Manual Train- ing.....	Mr. Sissons....	50	45

SENIOR WOMEN'S INSTITUTES

After serving eight years as district secretary of the Peel Women's Institutes, the home demonstrator resigned in June in order to devote more time to the requests of other organizations and give more attention to other phases of work. During the period of this secretaryship the Peel Women's Institutes have made remarkable progress as may be seen by a comparison of statistics for the year 1917-18 with 1925-26:

	Regular Meetings	Special Patriotic Meetings	Total Attendance	Papers and Addresses	Members	Receipts
1925-26.....	232	0	6,236	286	969	\$3,722 87
1917-18.....	129	68	3,046	114	471	3,052 72
Increase.....	103	..	3,190	172	498	\$670 15

This advance has been attained in spite of the fact that in 1917-18 patriotic zeal was at high tension and that since that time active Junior Institutes have been organized in many parts of the county.

JUNIOR INSTITUTES

The following table will suggest the strength of these organizations:

Group	Membership	Meetings	Attendance	Receipts	Expenditures
County.....	(all branches affiliated)	3 4 (exec.)	215 45	\$293 00	\$273 99
Brampton.....	41	16	420	427 96	346 64
Bolton.....	29	7	396	72 46	27 99
Caledon.....	15	6	170	159 16	140 42
Cheltenham.....	15	14	220	46 83	11 45
Caledon East.....	111	4	256	34 88	17 01
Clarkson.....	20	5	100	62 80	44 02
Codix.....	20	4	60	12 69	12 69
Streetsville.....	23	9	156	105 92	88 58
Tullamore.....	50	4	90	12 50	.....
Total.....	324	76	2,128	\$1,228 20	\$962 79

Some idea of the work undertaken by branch units is suggested by a summary of the activities of one unit:

Brampton—Adopted two little girls for clothing, education and health supervision; each needy family at Christmas supplied with bread, milk and meat tickets and baskets of apples; lamps for Peel Memorial Hospital; gifts to the Victorian Order Nurse for her work; play (given eight times in county by this group); courses in basketry and nutrition; public speaking; debating; athletics; canning demonstration; members in garden and poultry clubs; school fair prizes and booth; gifts to Children's Shelter; booth at school fair.

A girls' garden club proved an interesting new feature which was introduced this year as a means of encouraging better kitchen gardens and a wider use of fresh and home-canned vegetables, as well as providing a useful project for members. Eighteen kinds of vegetables of the most approved varieties were chosen and a choice was allowed between hand and horse cultivation. Each contestant was supplied with a pamphlet of suggestions on planting, cultivation and canning and each agreed to exhibit at a local fair. Prizes were awarded on a basis of 80 per cent. for garden and 20 per cent. for exhibit of canned vegetables from it.

"Twenty-six gardens were judged in July; one received a score of 99.0 per cent., and the average was high. Every member was interested. New or previously little known vegetables were added to the menus partially as a result of our study of nutrition at the special three-day courses held during the late winter and early spring. A canning demonstration attended by thirty-two girls was given on July 13th. Much home canning was done and excellent exhibits made at fall fairs both in the special and open classes. One girl sold \$6 of fresh vegetables from her garden. One member gave an address at the Central Ontario Women's Institute Convention on the Garden Club and another a similar one at the Junior Institute Conference at Guelph."

KEMPTVILLE AGRICULTURAL SCHOOL

The Kemptville Agricultural School has had another successful year. The attendance of students, the interest in our farming practices by the farmers of Eastern Ontario, and the yields from our fields, orchard, live stock, poultry and apiary departments, have all been a source of satisfaction.

The attendance in the regular classes, was as follows:

Agriculture.....	43 students
Domestic Science.....	16 “

The short courses and attendances were as follows:

Agriculture.....	33 students
Teachers' Summer Course in Agriculture.....	54 “

The school was again the centre for conferences and conventions, the following having been entertained during the past year:

	Number in Attendance
Boys' and Girls' 3-day Conference (co-operating with Women's Institute and Agricultural Representative Branch).....	135
Junior Farmers' Field Day.....	4,000
Eastern Ontario Rural Trustees' and Ratepayers' Association....	125
Eastern Ontario Dairy Instructors and Dairymen's Association..	110
Grenville County Teachers' Convention.....	114
Eastern Ontario Bankers' Conference.....	95
Ottawa Branch, Ontario Vegetable Growers' Association.....	50
Canadian Society of Technical Agriculturists.....	90
Eastern Ontario Alumni Association of Queen's University.....	28
District Meeting of Women's Institute.....	80
Agricultural Representatives' Conference for Grenville County....	65
Ramsayville Presbyterian Church Picnic.....	35
Inspection Silo Filling with Sweet Clover.....	45
Ex-students' Annual Re-union.....	110

In addition to the above, frequent visits were made by small automobile parties of farmers who were shown the different farm departments by the school staff. In all, approximately, sixty-five hundred people visited the institution during the past year.

During the past year, three houses, recently purchased and renovated, were occupied by members of the staff. One more house is necessary for this purpose. As every room in the boys' residence is now occupied, it will be necessary to increase the accommodation for agricultural students at an early date.

LIVE STOCK

The dairy herds on the farm are in a healthy condition, again having passed a clean Federal tubercular test. All young stock are thrifty and contain some promising individuals both in the Holstein and Ayrshire herds. No additions have been made by purchase during the past year. All young bulls found a ready sale. Several females are running in R.O.P. test, and will have creditable yearly records.

The addition to our hog pen will greatly assist in supplying the increased demand for breeding Yorkshires. Revenue from the hog department for the year was one thousand, three hundred and eighty-three dollars and thirty-five cents (\$1,383.35). During the past year, the following were sold at breeding age for breeding purposes: hogs, 5; sows (bred), 17.

During the past winter, two of our litters became very unthrifty shortly after weaning. They were dry in the hair, and had rough and scabby skins. To attempt to improve their condition, fifteen unthrifty pigs were fed cod liver oil. To start the experiment, one teaspoonful per pig, per day, was fed, gradually increasing until each was receiving a tablespoonful per day. In all, five gallons of oil were fed. At the end of the experiment, the pigs were thrifty and clean skinned.

Realizing that the improved condition of the hogs may have been caused, to some extent, by other means, the experiment is being repeated this winter with a similar class of young pigs, with a view to securing more information. It appeared, however, that cod liver oil had considerable value in increasing the thrift in young pigs.

Shropshires did well last year, the crop and quality of lambs being superior to former years. A shearling ram purchased last fall improved the fleece, considerably, of our lambs—compared with those of any previous year.

POULTRY

The poultry plant, at the present time, has housing room for about five hundred hens, and colony-house capacity for two thousand growing chickens. Four hundred and twenty birds completed a year's work under trap-nests. Of these, two-fifths were old hens, and the remainder pullets. The egg records were very good, 42 per cent. of the pullets passing the 200-egg mark. The highest plant record was made by a Barred Rock pullet, which succeeded in producing 287 eggs in 365 days. The average production of the entire plant reached the pleasing total of 168 eggs per bird.

Cockerels to the number of 188 were supplied to farmers at a nominal price. Of these, 133 were sent to breeding stations, and the remaining 55 went to other farmers. Some 200 pullets and 100 yearling hens were sold to farmers as foundation stock. These birds were sold at cost, for the purpose of stock improvement.

Extension work was carried on from time to time as opportunity was presented. This work is handicapped owing to lack of time and press of work on the home department. A number of eggs were supplied for hatching purposes, but the demand far exceeded the supply. There is a keen demand for hatching eggs and breeding stock which cannot be met from a plant of this size.

APIARY

The winter of 1925-26 was one of the worst that beekeepers experienced in this locality for many years. Many beekeepers reported heavy winter losses. Winter set in earlier than usual, and bees were confined to their hives until quite late in the spring. Owing to so much cold wet weather during the dandelion and fruit bloom, little nectar was gathered from these sources.

In the fall of 1925, twenty-seven colonies of bees were put into winter quarters at the school. Two of these colonies died from long confinement, and three others were so weakened that they were united. All other colonies came through in good condition. This gave a spring count of twenty-three colonies of Italian bees. During the past summer this number was increased 74 per cent., making forty colonies in the fall.

Although production was greatly handicapped by bad weather and the making of increase, yet two thousand, six hundred and eighty (2,680) pounds of extracted honey and eighty-one (81) pounds of comb honey were harvested, making an average of one hundred and twenty (120) pounds per colony, spring count.

Outdoor wintering in quadruple cases is practised. Standard ten-frame Langstroth hives are used.

This department has a reversible four-frame extractor and other necessary equipment for successfully demonstrating modern beekeeping practices to the students. Owing to the large number of black and hybrid bees in the vicinity, queen rearing has not been practised.

HORTICULTURE

Further progress has been made in developing the horticultural department of the school during the past year. The past season was a difficult one in which to grow the variety of crops required, with the limited facilities available. Under average conditions, these difficulties would not have been so pronounced. A late spring necessitated keeping a quantity of material in the small greenhouse for several weeks longer than usual; the weather was too severe to permit the use of a number of frames generally filled at this season with garden material. Further damage was caused by several unusually severe late frosts. This injury was experienced by many growers of early garden crops in the district. Considerably more than half the cabbage and cauliflower plants that had been transplanted from cold frames to the garden early in June were killed by a frost. Beet and carrot seed sown about the middle of May proved a total loss, and had to be resown in June. Despite these setbacks, a quantity of material was grown and stored for the needs of the school dining-room during the summer and winter courses. Approximately one thousand (1,000) tins of sweet corn and tomatoes were canned in the small "home-canning" plant installed two years previously. Early frosts in September brought to a close one of the shortest growing seasons experienced in this district for many years.

This disheartening experience of many of the smaller market garden growers, has emphasized the necessity of providing more adequate means for the growing of market garden crops under possible adverse conditions. It has resulted in increased activity in building greenhouses, pits and frames, with a consequent permanent benefit to the market-garden business.

The area available for growing garden crops had become congested, due to the increased planting of small fruits. This difficulty has been overcome during the past season by the acquisition of a suitable area of approximately two acres, that will now permit the culture of several crops on soil more suited to their needs.

The school orchard, consisting of more than twelve hundred young trees, came through the winter in good condition. Sweet clover had been sown the previous August as a cover crop. It made considerable growth before winter set in, and, owing to conditions experienced in the spring, it had grown to a height of eight to ten inches before it was possible to plough it down. This method of culture produced considerable vigour and growth in the trees, but might prove disastrous if repeated the following year. One of the main objects, if not the chief factor, to be obtained in growing a young orchard in Eastern Ontario is that of maturing the season's growth before severely cold weather is

experienced. If the young trees are grown in sod, maturity of growth occurs naturally, but often at the expense of the size of the trees; the difficulty, therefore, arises in practicing a method of culture that will produce reasonable growth with the desired maturity.

The crop consisted almost entirely of the early varieties, Duchess and Wealthy. There were no McIntosh or Fameuse, and only half the Milwaukee obtained the year previous. The Wealthy, however, were so heavily laden that a considerable proportion of the crop was removed in July. The quality was most satisfactory, and this result was largely due to the purchase of a small type of power sprayer that gave entire satisfaction throughout the season. By the use of this small power sprayer, the time required to spray the orchard was less than half that formerly needed when the work was done by means of a hand pump; the work, moreover, was done more thoroughly, and with considerable saving of material.

During the summer season, several horticultural societies visited the institution, amongst them the Ottawa Vegetable Growers' Association, and favourable comments were made by a number of those visiting on each occasion, with suggestions for future work, that were appreciated.

A number of meetings were attended during the year, and lectures were given on horticultural subjects in general. Assistance was rendered in the planning and planting of several farm homes, and it is earnestly hoped that in the near future assistance may be available to materially extend this very important phase of agricultural community and home development.

In a previous report of this department, it was stated that a considerable amount of grading and filling had yet to be done around several of the school buildings; the heaviest portion of this work has been completed, though a certain amount of sodding has yet to be done on the slopes and terraces around the main building. The trees and shrubbery around the grounds have made satisfactory growth, and a collection of this material is gradually being added to from year to year.

FIELD HUSBANDRY

Crops on the Kemptville Agricultural School Farm in 1926 were generally satisfactory, and, for the most part, were harvested in good condition. Substantiation was again given to previous findings in three important respects, viz., that barley is a safer and more profitable crop to grow as a source of grain for hogs and cattle than oats; that alfalfa of the proper strain can withstand the Eastern Ontario climate and provide good yields of cheap and nutritious roughage; and that sweet clover as a source of pasture and silage has no equal in Eastern Ontario. It is gratifying to note that these facts are becoming more clearly recognized by the farmers in this portion of the Province, and noticeable increases in the above crops have taken place.

The modified three-year rotation, as practiced on the farm, is also showing results in the direction of greater fertility in the land and in the control of weeds. Relative to the building up of fertility, the yields of hay and grain for 1926 are as follows:

Alfalfa Hay (established fields).....	3.07 tons per acre.
Barley.....	48 bushels per acre.
Banner Oats.....	77 " "

These yields, while not exceptionally high, are certainly better than could be secured early in the history of the farm, and indicate that the land is becoming more fertile.

Relative to weed control on the farm, the fact that we are able, with comparative ease, to produce grain of sufficient cleanliness and purity to be eligible for registration, suggests that this difficult problem is being met satisfactorily.

Yields of other crops were also satisfactory, with the exception of turnips which were badly damaged by the green aphid. Sweet clover silage yielded slightly over nine and one-half tons per acre, and was produced for less than two dollars (\$2) per ton.

Fertilizer tests in co-operation with agricultural representatives were conducted in Leeds and Renfrew Counties respectively, and, in most cases, emphasized the need for phosphates.

The seed-cleaning plant continues to be patronized by farmers in the area surrounding Kemptville, being teamed or shipped in frequently from fifty mile radius. Following is a summary of the work accomplished:

Sweet Clover Scarified and Graded.....	61½ tons.
Timothy and Clover other than Sweet Clover.....	1,843 bushels.
Cereals.....	5,704 "
Number of farmers making use of plant.....	290

The need for greater space is acute, and it is felt that an up-to-date, conveniently-arranged plant would serve as a demonstration for other centres in this important work.

A considerable amount of time was spent in assisting with the Better Seed Train; serving as director of the Ottawa Winter Fair in charge of the Seed Department, and as director of the Canadian Seed Growers' Association, as well as aiding agricultural representatives whenever called upon.

AGRICULTURAL DEVELOPMENT BOARD

During the past year there has been a further increase in the work of this Board in loaning money to farmers on first mortgages, as the following comparative statement will show:

	Number of Applications Passed	Amount of Loans Passed	Value of Security	Number of Loans Paid Out	Amount Paid Out
1922.....	458	\$2,040,605 00	\$4,693,304 00	334	\$1,188,000 00
1923.....	953	3,729,350 00	8,685,166 00	776	3,000,000 00
1924.....	990	3,582,150 00	7,871,026 25	819	3,200,000 00
1925.....	892	3,246,680 00	7,197,300 00	701	2,700,000 00
1926.....	1,119	4,028,300 00	9,089,008 57	831	3,200,000 00
	4,412	\$16,627,085 00	\$37,535,804 82	3,461	\$13,288,000 00

No doubt this increase was partially due to the action of the Government in reducing the rate of interest during the previous year from 6½ per cent. to 5½ per cent.

The experience of the past year in the matter of repayments has also been satisfactory. The following table gives the situation in this regard:

Due Date	Amount Due	Amount Uncollected	Percentage Uncollected
December 1st, 1924.....	\$286,174 11	\$4,554 85	1.59%
May 31st, 1925.....	278,982 77	3,700 43	1.33%
December 1st, 1925.....	380,075 20	23,729 97	6.24%
May 31st, 1926.....	362,425 18	54,347 22	14.81%

It will be noticed that the large amount outstanding has been due for less than six months. For all outstanding amounts there is apparently good security.

During the year through process of law, twenty-one farms came into the possession of the Board. With the four on hand at the beginning of the fiscal year this made a total of twenty-five. At the end of the fiscal year all these properties had been sold except three. No losses were incurred on the sales. This record is even slightly better than the record of the previous year.

In regard to Short Term Loans, the existing associations carried on business during the year, but no new associations were formed. Repayments were made to the extent of \$48,517.39 and new loans granted to the extent of \$24,713.10. This leaves a total amount outstanding of \$175,940.08. While this amount of capital is outstanding the payments of interest have been well kept up, the arrears amounting only to \$802.59.

Since its inception the Board has been turning over to the Treasury Department each year the revenues received from inspection and legal fees. The revenue from the 1 per cent. interest accruing to the Board has, however, been allowed to accumulate owing to the system of financing. During the past year the Board paid over to the treasurer a cheque for \$100,000 from this fund. There still remains a surplus amount of \$179,832.22. This includes an operating surplus of \$57,032.90, which was shown on the operations for the past year.

WESTERN ONTARIO EXPERIMENTAL FARM

The season of 1926 was most peculiar; the growing season, proper, was very dry and most of the harvest season was extremely wet. The rainfall throughout the growing season came in many small showers with the consequent loss through evaporation.

Rainfall by months:

April.....	3.14 inches—	8 showers
May.....	.91 “	—5 “
June.....	2.15 “	—9 “
July.....	.77 “	—4 “
August.....	5.97 “	“
September.....	8.85 “	“
October.....	4.15 “	“

SEED SUPPLY

The farm has become definitely established as a centre for the distribution of high-grade seed wheat, oats, barley and beans. All beans grown are sold for seed purposes only and the demand is so insistent that arrangements have been made whereby for two seasons beans grown by neighbours from seed secured from the farm have been disposed of. The strain distributed has proved itself superior in yielding qualities, requiring a season of only four to five days longer to mature than many of the old strains. This past season, owing to a heavier vine, they have withstood the wet weather exceptionally well and better than other beans.

The demand for seed oats and barley is very great. The demand for seed wheat is on the increase. All wheat raised is sold for seed and many inquiries have to be directed to growers located nearby where farms are reasonably clean and the varieties satisfactory.

The Soy Beans can annually be sold for seed. Four acres only are grown.

The farm has not encouraged the growing of Soy Beans except for hay purposes. The danger of the beans becoming part of the hog ration is altogether too probable and the damage will be almost irreparable except over a long period of time.

We are far better able to do without the Soy Bean than we are to face a quality problem in our pork.

LIVE STOCK

The health of the stock could not be better. There has been no disease among the swine or poultry during the year.

The trouble at farrowing time experienced throughout the Province resulted in a very low average in the spring litters. Some difficulty was prevalent during the fall, and three Yorks sows were disposed of and replaced by young ones.

The handling of three breeds of pure-bred swine on a small institution is difficult and, if all are kept up to standard, is costly.

The demand for breeding stock is very satisfactory—the supply is much too small for the demand.

Under the particular conditions in southwestern Ontario, it would be advisable to cater more to demands for breeding stock in swine so that a greater influence could be exerted over the type of hogs kept.

The low set, fine bone, chunky hog is gradually disappearing but the process is slow; the distribution of rangier sows and boars conforming more nearly to the proper bacon type would be of great assistance and would be acceptable to the people generally.

The cost of production is the greatest problem with many. Some work will be commenced in the spring of 1927 to further counteract the all too prevalent idea that the old type of a thick smooth is the cheaper producer.

PERMANENT IMPROVEMENTS

The greenhouse, 100 feet by 30 feet, was completed during the year. A partition has been added in order to permit the production of a commercial crop in addition to flowers, etc.

The crops growing are tomatoes, lettuce, radishes, spinach and flowers.

The students from the Agricultural School use the house for practical work.

Visitors are frequent to the greenhouse and include both professional and amateur growers interested in flowers and vegetables growing under glass.

VEGETABLE GARDENING

A garden site was selected and laid out in two equal and similar divisions, each containing one acre, with suitable roadways provided. This garden was used during the 1926 season for the growing of experimental and commercial vegetable crops.

It is planned to work out a long-time demonstration on the maintenance of soil fertility in vegetable-growing lands. The two sections of the garden will be used, the one acre receiving barnyard manure in its treatment while the other acre depends alone upon green maturing crops and commercial fertilizer applications for its supply of added plant food.

FRUIT GROWING

A—*Apples*—Realizing the need for the testing and demonstrating of some of the newer and more promising varieties of apples suited to southern Ontario conditions, a variety apple orchard was set out in the spring of the past season. This orchard will also prove of great value in connection with the courses in horticulture taught at the Vocational Agricultural School.

The following varieties and numbers of trees of each were used. The orchard is set out on the hexagonal plan, allowing forty feet between each tree.

Row	No. of Trees	Name	Remarks
1	10	Red Spy.....	From Geneva Experimental Station
2	9	Astrachan.....	“ “ “
3	10	Red Gravenstein.....	“ “ “
4	9	Jonathan.....	
5	10	Golden Delicious.....	
6	9	Melba.....	Seedling produced at C.E. Farm, Ottawa.
7	10	Starking.....	
8	9	Crimson Beauty.....	
9	10	Rome Beauty.....	
10	9	Early McIntosh.....	From Geneva Experimental Station.
11	10	Stayman Winesap.....	
12	9	Lobo.....	Seedling produced at C.E. Farm, Ottawa.
13	10	Spitzenburg.....	
14	9	Joyce.....	Seedling produced at C.E. Farm, Ottawa.
15	10	Milton.....	From Geneva (?).
16	9	Niobe.....	Seedling produced at C.E. Farm, Ottawa.
17	10	Laufam.....	Seedling produced at C.E. Farm, Ottawa.
18	9	Tolman.....	

NOTE.—Despite an adverse season the trees made a good start and show good growth. Some few replacements will be necessary, however, due to accidental and pest damage done the trees.

B—Small Fruits:

Raspberries—Stock of the following varieties was secured in a small quantity of each and from a reliable disease-free, government-inspected nursery.

Cuthbert—Herbert—Brighton—Count

A further planting of 500 suckers was made of Viking, the promising new variety produced at the H.E.S., Vineland. This latter stock on increasing, and if judged suitable for the district, will be distributed amongst good growers.

The stand of plants resulting from the Cuthbert, Herbert, Brighton and Count varieties planted was poor, owing to the bad condition in which the plants arrived and the hot dry weather following planting.

Strawberries—A small nursery was started, using the following varieties of strawberries:

Cassandra—Portia—Glen Mary—Senator Dunlop—Premier and Parsons Beauty

It is planned to establish beds of these varieties suitable for demonstration purposes and for use in conjunction with the school courses in horticulture.

NUT CULTURE

Walnuts of the varieties known as Chinese and Carpathian were planted and a considerable number of young trees are now growing in the nursery plot. It is planned to use these trees for propagation purposes in producing and in trying out various kinds of walnuts considered possible for growing in southern Ontario.

ORNAMENTAL PLANTINGS AND DEVELOPMENTS

Rose Beds—Two new rose beds were set out this year and the following varieties were added to those previously planted:

America	Lady Pirrie	Columbia
Col. Fitzgerald	Hoosier Beauty	Glory of Steinfurth
Los Angeles	Mrs. H. Morse	Mrs. W. C. Miller
Louise Crette	Prince of Wales	K. of K.
Madame Butterfly	Earl Haig	Ophelia
Geo. C. Ward	Souvenir de Claudius	Madame Jules Bouche
F. L. Izzard	Pernet	Golden Emblem
F. W. Dunlop	Elsie Becwith	Hugh Dickson
The General	Betty	J. B. Clark

Lawns—One new lawn was laid down this season and the land drained, piped and graded for the planting of another section next season. General improvement work was undertaken as opportunity permitted in grading and improving the grounds surrounding the farm buildings.

EXTENSION WORK

Agricultural meetings and courses were attended whenever necessary.

A large number of committee meetings were attended in connection with seed, live stock, agricultural representatives, corn borer and agricultural school activities.

THE CORN BORER

Undoubtedly, the Corn Borer is here to remain indefinitely. The area of real damage is rapidly extending. Methods of combat will necessarily be severe. Intelligent production may be a possibility—the use of catch crops, various dates of planting and varieties of corn all have to be carefully considered before it can be admitted that we have to abandon the corn crop.

Every assistance possible is being offered to the authorities in the clean-up campaign.

AGRICULTURAL SCHOOL

The school commenced in 1925 was finally completed in November, 1926. The experiment in agricultural education shows very definite indications of being particularly successful.

Considerable time was given to assist the Vocational and High School Boards in this work.

The selection of the principal became a real problem; first, to locate a suitable man and, second, to find the money to pay such a man. However, both difficulties were overcome and Norman Davies, B.A., was engaged. Mr. Davies had taken the teacher's courses at Guelph and taught agriculture at summer schools, and was an enthusiast in agricultural teaching. Oliver Cameron, B.S.A., was selected as regular agricultural teacher, and the balance of the work is taken by F. W. Presant, B.S.A.

A class of twenty-two are in regular attendance taking an agricultural course which is outlined and will take three or four years to cover.

The community hall is filling a real need around the school.

The whole-hearted, unanimous, and in some cases the enthusiastic support given by the people to the entire undertaking is one of the most gratifying and most promising features pointing to a successful conclusion of the venture.

Mr. Present, of the farm staff, is undertaking the instructional work in vegetable growing, floriculture and landscape gardening in the Agricultural School.

THE PENINSULAR WINTER FAIR

The third Winter Fair was a success. An effort was made to secure new quarters but without immediate results. The original idea was to ascertain if the people really wanted a fair in this part of the Province; their attendance at three successive shows held under most unfavourable conditions was ample proof. Failing new quarters, the Board decided to put on another show in December, 1926, and unless public opinion was sufficiently strong to influence the various councils and governments that permanent quarters were necessary, the show was to be abandoned.

PLANT DISEASE WORK IN THE RIDGETOWN DISTRICT, 1926

The early part of the summer was very dry and very few diseases developed in the early crops. The latter part of the summer, however, was very wet and diseases became more troublesome especially in such crops as celery and late potatoes. A number of experiments for the control of plant diseases were carried on, some on the Experimental Farm and others in different places in Essex and Kent Counties.

Stinking Smut (bunt) of Wheat has become very troublesome in this district during the past few years, so in September, 1925, six different substances were used in treating wheat that was badly affected with smut. Some of these substances were used as dust and some in solution. The treated grain was then sown in plots, in duplicate, each 1/100 acre, and a seventh plot was sown as a check, no treatment given to the wheat. In two of the plots there was no smut, in two there was only a trace, in one there was 1.5 per cent., whereas in the check plot there was 9.2 per cent. smut.

An experiment for the control of oat smut much similar to that of 1925 was carried on. Oats were treated with ten different substances, some as dust and some in solution. The treated oats were sown in plots each 1/100 acre, in duplicate. In the plots where the oats were given the formalin spray (dry Formaldehyde treatment) there was only a slight trace of smut. In the other plots the amount of smut ranged from 3.1 per cent. to 8.5 per cent. and in the check plots (no treatment) there was 10.8 per cent. smut.

The work in beans for the control of anthracnose and mosaic was continued. The seed sown was from 1925 crop which had been rouged for mosaic during the growing season and hand picked for anthracnose after harvesting. Four different strains of seed were sown and in all cases the amount of mosaic and anthracnose was less than during the previous year, but owing to the unfavourable season for the bean crop and the damage done during the early part of the season by the seed corn maggot, results cannot be compared with other years.

During unfavourable seasons celery blight causes a great loss in the crops. Two experiments were started for the purpose of comparing dusting with liquid Bordeaux as a means of control. One of these experiments was on the Experimental Farm and the other with one of the celery growers in the district. The weather was very dry and after a number of applications, spraying and dusting were discontinued as there was no appearance of blight either on the sprayed or unsprayed rows. At a later time, however, blight developed very badly in one of the plots and if spraying had been continued some definite results might have been obtained.

Experiments for the control of onion smut were continued in the Pelee onion marshes, three substances being used, viz.: kalimat, semesan and formalin. These substances were used at different strengths except semesan which was used at the rate of one ounce to five gallons water and 100 gallons of solution per acre, giving a yield of 450 bushels per acre. Similar quantities of formalin and kalimat were used at different strengths to see which would give the best results and in all cases formalin gave a higher yield than kalimat. The highest yield was obtained where formalin was used at the rate of one pint to fifteen gallons of water and 150 gallons per acre, the yield being 505 bushels per acre. Whereas in the rows where no treatment was given the average yield was eighty-five bushels per acre.

During the summer an inspection was made of several raspberry plantations in the Counties of Essex, Kent and Lambton for the purpose of ascertaining where raspberry stock could be obtained that would be practically free from such diseases as mosaic and leaf curl. Only one plantation was located that was suitable for this purpose, and this one should be a good source of supply for raspberry stock. The owner's name has been added to the list of those growing certified stock in Ontario.

SEASONAL WORK WITH VEGETABLE CROPS COMPLETED FOR SEASON 1926

CROPS—TOMATOES

Project—To determine the relative returns from different dates of planting tomato seed for an early crop.

EARLY TOMATOES

Plot No. and Date of Planting	Yield per Acre July 14 to 28		Yield per Acre July 29 to Aug. 11		Yield per Acre Aug. 12 to 20		Total Yield per Acre	
	lbs.	oz.	lbs.	oz.	lbs.	oz.	lbs.	oz.
Plot 1, February 27th.....	2,737	8	13,125	0	13,075	0	28,937	8
Plot 2, March 6th.....	3,362	8	13,025	0	12,225	0	28,612	8
Plot 3, March 13th.....	2,524	8	8,289	0	9,490	8	20,304	0
Plot 4, March 26th.....	3,250	0	8,600	0	5,437	8	17,287	8

Plot 1. Plants were of necessity checked to such an extent that the first blossom cluster, which was set in the greenhouse, did not produce much fruit.

The earliest fruit in the field was picked from plot 1, but the first fruit was light in yield and of indifferent quality.

Project—To compare and test the commercial value of several varieties, many of which were new introductions, extensively advertised.

EARLY TOMATOES

Variety	Yield per acre July 19-26		Yield per acre July 27-Aug. 3		Yield per acre Aug. 4-11		Total yield per acre		Recom- mended for early use
	lbs.	oz.	lbs.	oz.	lbs.	oz.	lbs.	oz.	
Earliana (Moore).....	1,093	12	2,187	8	1,062	8	4,343	12	2925 proved to be a poor strain of "Can- adian"
First Early (Tait).....	1,106	4	1,825	0	1,375	0	4,306	4	
Earliana (Mich. S.C.).....	1,050	0	1,900	0	900	0	3,850	0	
Starr.....	1,381	4	1,200	0	1,162	8	3,743	12	
Penn. State Earliana (Stokes).....	862	8	1,600	0	937	8	3,400	0	
Earliana (O.A.C.).....	243	12	1,775	0	1,150	0	3,168	12	
Red River (N.D. Agricul- tural College).....	1,068	12	1,312	8	700	0	3,081	4	
Canadian 2925.....	737	8	1,112	8	975	0	2,825	0	
June Pink.....	381	4	1,643	12	762	8	2,787	8	
Early Prolific (Beebee)....	656	4	812	8	637	8	2,106	4	
Red Head (M.A.C.).....	518	12	1,175	0	325	0	2,018	12	
Earliest Producer (M.A.C.)	687	8	800	0	362	8	1,850	0	
Premier (Vancouver).....			687	8	400	0	1,087	8	
Moulds' Marvel.....			668	8	312	8	981	4	
Santa Rosa (Burbank).....					562	8	562	8	
Crackerjack (Iowa).....			43	12	368	12	412	8	
Stark's (unnamed).....					200	0	200	0	
Oxheart.....					200	0	200	0	
Coreless-Livingstone.....					162	8	162	8	

Total yield does not always indicate the worth of a variety. Some of the early varieties produce much superior fruit to others. Some bear a large proportion of good fruit during the early season while prices are highest. These are points to consider.

Project—To demonstrate the growing of tomatoes trained to stakes and to test certain varieties for this purpose.

VARIETY TEST OF TOMATOES ON STAKES, 1926

Variety	Yield per plot		Value of yield per plot	Value of yield per 100 plants	Value of yield from July 17-Aug. 6 per 100 plants	
	lbs.	oz.			Staked	Flat Culture
John Baer.....	130	13	\$6 02	\$25 08	.....	.....
Ideal.....	84	12	4 00	16 67	.....	.....
Bonny Best (New Jersey College).....	110	10	6 00	28 09	.....	.....
Earliest Producer (M.A.C.)	150	11	7 28	22 75	\$16 71	\$13 15
Norfolk.....	123	10	6 19	19 34	.....	.....
Earliana (O.A.C.).....	129	2	7 44	24 00	18 69	14 40
Canadian 225-B.....	132	7	7 80	25 16	.....	.....

Project—Further selection of desirable plants and saving of seed therefrom in connection with the improvement of the new early variety known as "Canadian" which was developed at the Ontario Agricultural College.

CROP—CELERY

Project—A number of varieties and types were grown to judge as to their suitability for (a) muck land culture; (b) for use by the market gardener to supply his local demand as existing in southern Ontario; (c) for winter storing purposes.

The green varieties were to be experimented with to test their possibilities for blanching with ethylene gas.

Trade Name of Variety	Seedsman from whom obtained	Remarks
Golden Plume.....	Garahan (Penn.)	Made best growth of all lots—matured uniformly and early—taller than others of same variety and produced a fairly good compact head with stalks of medium thickness, showing a good heart-foliage, bright, shiny and attractive. A very promising strain.
Golden Plume.....	Forbes.....	Not outstanding in any quality—medium tall and not noticeably early for the variety—a good enough average for the type.
Wonderful.....	Bruce.....	Remarks similar to Golden Plume (Forbes)
American Golden Self-Blanching.	Empire Farms..	Remarks similar to those made on Golden Plume.
Vilmorin's New Strain Paris Golden.....	Vilmorin-Andrieux (France)	Not noticeably taller than Golden Plume types but with a more loose and open head. Not ready to blanch quite as soon as Garahan's Golden Plume, but lost green colour rapidly. This season's seed seemed practically free from off-type plants.
Paris Golden.....	Steele-Briggs....	Noticeably smaller and slower growing than Golden Plume or New Strain types. Stocks are shorter, head more bunched, leaves very much lacinated. Variety not suitable for early celery—not likely to prove as saleable as above-mentioned types when competing against them.
Midgley's Special Golden Self Blanching	Midgley....	A strain which appears to do very well and compares with the best Golden Plume strains. It is slightly shorter and has a somewhat more compact head with a good heart—ready for blanching about the same time, and foliage of a good bright attractive colour and condition.
Woodruff's Wonderful.....	Woodruff.....	Resembles Midgley's strain in many characteristics, having a more compact solid head, thicker than the ordinary Golden Plume type. For some reason this strain seemed to suffer earlier damage from late blight than did Midgley's.

Continued wet, cold weather during the fall months produced an infection of late blight on the lots of celery for winter storage and artificial blanching purposes, so severe as to make them unfit for experimental work.

CROP—EARLY CABBAGE

Project—An experiment was undertaken in which various forms of inorganic nitrogen fertilizers were compared. In addition to the check plot, two other plots were used. Plot 7 received one application of acid phosphate sixteen per cent. at the rate of 1,000 pounds per acre. Plot 8 received an application of muriate of potash at the rate of 400 pounds per acre. Both applications made on day of planting in field.

The nitrogen was applied at the rate of 175 pounds per acre for nitrate of soda and all forms were used in quantities calculated to supply an equal ammonium content.

The plants used in plots 1-8 and check were all of the variety Golden Acre and were a very uniform lot.

The plants of plots 9-11 were all of the same strain of Jersey Wakefield and equally uniform.

The Golden Acre seed germinated March 4th.

The Jersey Wakefield seed germinated March 3 d.

Both lots were set out into the field May 6th.

VALUE OF VARIOUS FORMS OF INORGANIC NITROGEN FOR EARLY CABBAGE

Plot No.	Fertilizer Applied	Weight heads untrimmed	Loss in Trimming	Weight of Heads Trimmed	Good Market-able Heads	Undeveloped Heads	Remarks of June 28th, 1926	
1	3 applications of NA NO ₃	Lbs. 97¼	Lbs. 48	Lbs. 49¼	23	2	Hard and relatively large.	
2	3 applications of NH ₄ , SO ₂	83¼	39½	43¾	17	8		
3	3 applications of NA NO ₃ . 1 application P ₂ O ₅	104½	55	49½	16	9	Tend to be soft. Some very large heads, generally tend to be fairly large.	
4	3 applications.. 1 application of KCL	81	35½	45½	21	4		
5	3 applications of Leunasalpeter	75½	41	34½	11	14	Plants seem to have received a check or set back.	
6	3 applications of urea	90½	46	44½	11	14	Heads somewhat better quality than Plot 5.	
7	1 application of acid phos....	81	44	37	12	13	The good heads equal those of Plot No. 1.	
8	1 application of KCL.....	89½	47	42½	17	8	Heads very firm—one split open.	
	Check no treatment.....	69½	45	24½	6	18	Heads soft and undeveloped.	
9	1 application of NA NO ₃	91	61	30	..	..	Notes of July 6th, 1926
10	2 applications of NA NO ₃	69	50	19		Poor heads.
11	3 applications of NA NO ₃	86½	60½	26		Heads of only fair average size.

Plots 1-8 and Check (Golden Acre) harvested June 29th, 1926.

Plots 9-11 (Jersey Wakefield) harvested July 6th, 1926.

CROPS—MUSKMELONS

Project—To compare a number of varieties and to learn their commercial value with regard to southern Ontario conditions:

Name of Melon	Approximate date of Maturity	Remarks—Field Notes
Golden Champlain...	August 20th.....	Small to medium size—flat ends—limited netting—greenish yellow ground colour—yellow flesh of fair quality. A good early, yellow-fleshed variety.
Sugar Sweet.....	August 21st.....	Small size—round—fair netting green flesh—sweet and of fair quality. A popular early green-fleshed variety.
Bender's Surprise...	August 27th.....	A larger melon than Golden Champlain more round in form—rather light in colour of skin, turning to golden shade at maturity—quality and flavour excellent. A good commercial variety.
Extra Early Knight..	August 29th.....	Medium in size—very similar in general characteristics to Sugar Sweet—being a green-fleshed variety.
Extra Early Osage...	August 30th.....	Medium to larger in size—dark green outer colour with fair netting—quality good.
Paul Rose.....	Early September.	Round to oval in shape, medium to above in size, dark green outer colour with fairly good netting—with salmon flesh, good flavour; fruits seem to tend to spot on blossom end.
Shumway Giant....	September.....	Large, light coloured melons, 12 inches in diameter, flesh pink, quality coarse and only fair flavour.
Fordhook.....	Mid September...	Small to medium, flattened to round in shape, fairly good netting on dark green ground—salmon flesh, good flavour.
Ideal.....	September.....	Medium size, round oval, well netted, attractive and uniform in shape and size, salmon flesh of fair flavour.
Irondequoit.....	September.....	Medium to above in size—round with flattened ends, light in colour—fair netting but not so attractive as some other sorts.
Princess.....	September.....	Above medium in size—globular shape, well netted on a dark green ground, attractive salmon flesh on green rind—flavour only fair.
Jumbo Pink.....	September.....	Medium to slightly above in size, long oval shape, well netted, yellow flesh, good flavour.
New De-licious....	September.....	Medium in size to slightly above, long oval in shape, well netted, compares closely with Jumbo Pink, but seemed to split more readily.
Hales Best.....	Latter part of September....	Medium in size—roundish oblong—very well netted, attractive—green flesh, excellent flavour.
Nicholson's Honey- ball.....	October.....	Small round, very late and poor set of fruit, not desirable for our Ontario climate.
Blenheim Orange....	.....	The seed of these three varieties was obtained from Scotland. The plants grew well, set a fairly good lot of fruit, but appeared to be very susceptible to Bacterial Wilt, and all succumbed before much fruit was ripe. However, the quality of the fruit appeared very good and for late melons the variety, Blenheim Orange, might have some place.
Hero of Lockinge....		
Victoria.....		

PARSNIPS

Project—To compare some better, old country varieties, with home grown seed from Winnipeg.

During midsummer, the season was dry and the soil in which the crop was growing tended to dry out, checking the growth of the parsnips as evidenced

by the excessive side-root development and undersize of roots. The comparison, therefore, could not be considered as having given a conclusive test.

Variety	Remarks—Field Notes
Dobbie's Selected.....	Small roots, with a consequently light yield, nothing of an outstanding or desirable quality appeared in this lot.
Hollow Crown—Dobbie.....	Small and inclined to be undersized on the average—some good specimens were obtained which showed very desirable characters for the variety.
Main Crop—Dobbie.....	Small roots, but of good general type and more free from side roots than either of the other two lots. A promising variety if grown under ideal conditions.
Marrowfat—Man. Agr. College...	Large roots—heavy yield—roots grew excessively thick at top with abrupt tapering to tip, variety seems to incline to roughness and much side-rooting.

LETTUCE

Project—Value of Various Forms of Inorganic Nitrogen for Early Head Lettuce.

Plot	No. fertilizer applications	No. of heads		Weight of marketable heads		No. of marketable heads		Weight of marketable heads		Loss due in weight to poor heads		Weight of single marketable head	
		H. lbs.	N.Y. lbs.	H. lbs.	N.Y. lbs.	H. lbs.	N.Y. lbs.	H. lbs.	N.Y. lbs.	H. lbs.	N.Y. lbs.	H. lbs.	N.Y. lbs.
1	NA NO ₃	48	43	68½	45½	45	40	37½	27	31	18½	.83	.67
2	NH ₂ SO ₄	48	46	68½	62	42	45	37½	39½	31	32½	.89	.87
3	Urea.....	47	45	59½	47½	38	41	31	35¾	28½	19	.81	.87
4	Check.....	47	43	47½	49½	26	38	18	27¾	29½	20	.69	.73
5	Cal. Nitrate...	48	46	47	45	30	42	19½	24½	27½	20½	.65	.58
6	Leunasalpeter..	48	46	54	61	38	41	25½	36¾	28½	24¼	.67	.89

Applications made on the basis of 175 pounds NA NO₃ per acre, using ammonia equivalent to determine amounts.

NOTE.—June 7th—by mistake rows 1 and 2 received an extra heavy application.

Row 1—1 pound 12 ounces NA NO₃ instead of 8 ounces.

Row 2—1 pound 5 ounces NH₂ SO₄ instead of 6 ounces.

PEAS

Project 1—Variety test to determine the value of some old country varieties in comparison with some standard varieties of home-grown seed.

The following varieties from English and Scotch seed houses were grown:

Bedford Champion	Prelude	Kelvedon Wonder
Duplex	Chancelot	Excelsior
Hundredfold	Pioneer	Acquisition

Of the above, Bedford Champion, an early dwarf variety, showed promise after acclimatization.

Excelsior—A later dwarf variety, but a vigorous grower, gave equally good promise.

Acquisition (Sutton's)—An early dwarf with spreading habits appeared to be a heavy yielding variety with large pods containing a uniformly large number of good sized peas.

Project 2—To demonstrate the value of seed produced in Northern Ontario against that from ordinary commercial sources. Peas grown during 1925 at Fort William, Ont., and of the varieties Thos. Laxton and Gradus.

Seed of Thos. Laxton and Gradus were secured from a reliable seed merchant and equal plantings made side by side with the two northern-grown lots.

The northern-grown seed germinated more rapidly, gave a very much improved stand and the plants retained their superiority in growth and yield throughout the season.

The two plots of Thos. Laxton were harvested and the pods weighed:

Weight of pods from northern seed, 5 pounds 12 ounces.

Weight of pods from stock commercial seed, 1 pound 6 ounces.

The other two lots would have shown a similar result in favour of the northern seed.

SPINACH

Project—To demonstrate the value of seed grown in Northern Ontario over ordinary southern-grown commercial stock.

Variety used—Virginia Savoy.

The northern seed was grown at New Liskeard in the season of 1925. The commercial seed was obtained from Norfolk, Va., where the variety originated.

Demonstration plot:

Planted May 6th, 1926—two rows, twenty-four inches apart.

Seed sown with seed drill in unfertilized but well-prepared ground.

Observations—Stand of northern-grown seed more uniform and plants show more vigorous growth. As summer heat came on, not so many plants from northern seed bolted to seed stocks.

Harvest records—Source of seed	Weight of marketable Spinach	Weight of Seeders	Total
New Liskeard (Northern Ontario)	29 lbs. 13 oz.	2 lbs. 8 oz.	32 lbs. 5 oz.
Norfolk, Va.	18 " 8 "	3 " 1 "	21 " 9 "

A further test was made with a fall crop and it further confirmed the spring crop results.

SWEET CORN

Project—To arrive at the dates of maturity of several varieties of sweet corn for use in southern Ontario.

Other work was planned as well with this crop but the severity of the attack of the corn borer forced its abandonment.

Varieties grown	Approximate number of days from planting until first picking could be made	Value of corn as a gardener's variety
Berney's Golden Swift	63 days	Valued only as a first early yellow corn.
Early White Cory	73 "	A good early white corn.
Early Malcom	77 "	A good corn, but matures close to Golden Bantam type.
Sunshine Sweet (N.D. Agr. College)	78 "	A promising yellow corn, much similar to Golden Bantam.
Golden Bantam	81 "	A first-class yellow corn, and a standard amongst growers.
Golden Bantam (N.D. Agr. College Special strain)	81 "	No improvement on good Canadian strains.
Whipples New Yellow	85 "	A good corn of high quality.
Country Queen	89 "	A Golden Bantam hybrid and of good quality.

EXPERIMENTAL PROJECTS WITH INDOOR CROPS

Experimental work undertaken this year was with only one crop as a major project. The tomato crop offered the only possibility of carrying out needed work along commercial crop lines, owing to the limited space at our disposal as well as to the lack of sufficient quantities of stock plants in flowers.

TOMATO CROP

The tomato crop was planned to be grown for two definite purposes:

1. To test seven selected varieties and strains as to their value for planting for fall crop use.
2. To enable a study to be made of various factors and methods of culture which have an influence on the amount of marketable fruit obtained from the crop.

The results of the experimental records and other observations made on this crop will be concluded in 1927.

NEW ZEALAND SPINACH

One bench of New Zealand spinach is being grown in order to compare it with lettuce as to its value as a substitute crop for use in relieving lettuce growers, who now find that crop unprofitable during a part of the year, at least.

The results from the spinach crop will not be known until the crop has run on into 1927. So far, yield and returns have been poor and the crop is not doing as well as expected of it.

EXTENSION WORK FOR SUMMER SEASON OF 1926

Nature of Work—1. Conducting of co-operative experiments in problems of economic interest to southern Ontario growers of horticultural crops.

2. Visiting fruit growers, truck crop growers and greenhouse operators in the Counties of Middlesex, Elgin, Kent and Essex in order to keep in contact with the progress of these branches of horticultural industry, to discuss and to study problems affecting same and where acceptable to offer service and suggestions.

CO-OPERATIVE EXPERIMENTS

Tomatoes—Fertilizer experiments similar to those carried out in 1925, were undertaken with early tomatoes. Two large growers of this crop were selected in the Leamington district and the data concerning the experiments appear in the following tables:

Fertilizer test plot conducted at Experimental Farm gardens to determine relative values of various fertilizer mixtures and materials in producing early fruit.

EARLY TOMATOES

Plot No.	Fertilizer Analysis	Yield per plot		Value of yield per plot	Value of yield per acre	Value of increase over check per acre	Cost of fertilizer	Return for \$1 spent in fertilizer	Value of late picking per acre
		lbs.	oz.						
1	0-16-0.....	81	9	\$5 40	\$540 00	.....	\$9 60	.....	\$13 00
2	0-12-4.....	97	8	5 86	586 00	.....	12 88	.....	16 00
3	0-10-4.....	120	0	6 85	685 00	\$21 00	12 08	\$1 73	16 00
4	0-8-4.....	126	10	6 62	662 00	.....	11 28	.....	17 00
5	2-12-4.....	153	5	8 01	801 00	137 00	16 20	8 45	26 00
6	4-12-0.....	143	15	6 73	673 00	9 90	17 80	50	26 00
7	2-12-0.....	145	8	7 96	796 00	132 00	15 70	8 40	27 00
8	2-12-2.....	145	8	7 96	796 00	132 00	15 70	8 40	27 00
9	Superphosphate.....	162	7	9 11	911 00	247 00	9 19	26 87	32 00
10	Raw Rock phosphate..	176	2	8 98	898 00	234 00	9 19	25 46	31 00
11	Basic phosphate.....	163	3	8 55	855 00	191 00	5 29	36 10	26 00
Check	—No fertilizer.....	140	1	6 64	664 00	.....	.....	.....	34 00

This experiment, similar in plan to the two co-operative experiments was carried out in ground not subject to such heavy fertilization and the experiment itself was more directly under control.

EARLY TOMATOES

Robt. Maxwell & Son, Leamington, 1926

Plot No.	Fertilizer Analysis	Yield per plot		Value of yield per plot	Value of increase over check	Cost of fertilizer	Value of yield per acre
		lbs.	oz.				
1	0-16-0.....	88	4	\$9 04	\$1 45	\$9 60	\$904 00
2	0-12-4.....	78	1	8 00	41	12 88	800 00
3	0-10-4.....	77	9	7 95	36	12 08	795 00
4	0-8-4.....	72	14	7 47	.....	11 28	747 00
5	2-12-4.....	74	0	7 58	.....	16 20	758 00
6	4-12-0.....	83	9	8 56	97	17 80	856 00
7	2-12-0.....	81	13	8 38	79	15 20	838 00
8	2-12-2.....	72	14	7 47	.....	15 70	747 00
9	Acid phosphate.....	75	11	7 75	16	9 19	775 00
10	Raw Rock Phosphate.....	63	11	6 52	.....	9 19	652 00
11	Basic Phosphate.....	42	8	4.35	.....	5 29	435 00
Check	—No Fertilizer.....	74	1	7 59	.....	.....	759 00

The results from this plot are more subject to experimental error than is usual. The land had been in past seasons heavily fertilized. When the plants were set out, two plow furrows existed and two rows had to be planted near the furrow (rows 9 and 10).

The stand was also poor in some rows and an average per plant per row was struck to bring all to a uniform basis.

EARLY TOMATOES

E. J. Atkin, Leamington, 1926

Plot No.	Fertilizer Analysis	Yield per plot		Value of yield per plot	Value of increase over check	Cost of fertilizer	Return for \$1 spent in fertilizer	Value of yield per acre
		lbs.	oz.					
1	0-16-0.....	123	9	\$8 61	.....	\$9 60	.....	\$861 00
2	0-12-4.....	123	15	8 64	.....	12 88	.....	864 00
3	0-10-4.....	136	8	9 32	.....	12 08	.....	932 00
4	0-8-4.....	135	14	9 29	.....	11 28	.....	929 00
5	2-12-4.....	120	3	8 45	.....	16 20	.....	845 00
6	4-12-0.....	105	5	7 16	.....	17 80	.....	716 00
7	2-12-0.....	115	7	8 41	.....	15 20	.....	841 00
8	2-12-2.....	108	13	7 96	.....	15 70	.....	796 00
9	Acid Phosphate..	105	1	7 87	.....	9 19	.....	787 00
10	Raw Rock Phosphate.....	113	6	8 51	.....	9 19	.....	851 00
11	Basic Phosphate..	127	8	9 28	.....	5 29	.....	928 00
Check	No Fertilizer...	140	3	9 74	.....	.....	.....	974 00

The results as shown in the above experiment would apparently show a negative result from the use of fertilizer. The explanation offered for this situation is that the land used for the experiment is in a very high state of cultivation, being used in alternate years for growing melons for which crop it is heavily manured and fertilized. Applications of fertilizer for tomatoes here appear to be wasted.

Onions—Following up work previously started in 1924 from the Department of Horticulture at the Ontario Agricultural College, Guelph, a fertilizer plot was continued at the Rondeau Marsh. The results of this season's work appear in table form on a following page.

ONION MAGGOT CONTROL

Heretofore all control measures for onion maggot have either proven ineffective or impracticable when tried on the extensive areas where onions are grown as a specialized commercial crop in southern Ontario.

Encouraged by results obtained on a plot started in 1925 with a new method in which the writer, co-operating with Professor L. Caesar, of Guelph, obtained fairly successful results, a further demonstration plot was arranged for 1926. Mr. D. R. Sands, of the Department of Botany, O.A.C., co-operated in working out this test.

Location—Peele marsh, farm of J. A. Campbell.

A plot known to be in the probably infested area was chosen and five 5-row blocks of onions were selected, lying adjacent to one another.

MATERIAL USED

(a) Oil and fish-oil soap were made into an emulsion, being heated to aid emulsification.

NOTE.—Onions had been showing above ground for less than one week. No maggot or fly observed in crop to date; though adult fly had been active previous to this date in waste onion piles.

(b) Oil and copper sulphate—Hydrated lime emulsion was made under the cold formula.

Applications made:

May 20th, 1926—First application:

Plot 1, five rows—Oil soap emulsion.

Plot 2, five rows—Oil-Bordeaux emulsion.

May 28th, 1926—Second application:

Plot 3, five rows—Oil—Bordeaux emulsion.

Plot 1, four rows only—Oil soap emulsion.

Plot 2, five rows—Oil—Bordeaux emulsion.

June 3rd—Third application:

Plot 4, five rows—Oil—Bordeaux emulsion.

Plot 1, three rows only—Oil soap emulsion.

Plots 2 and 3, five rows each—Oil—Bordeaux emulsion.

June 10th—Fourth application:

Plot 1, one row only—Oil soap.

Plots 2, 3, 4, 5, five rows each—Oil—Bordeaux.

OBSERVATIONS

Owing to the scarcity of onion seed for the 1926 crop, much old seed of poor germinating ability was used by growers in 1926. Mr. Campbell was one of these and, coupled with this, was the very cold backward spring season of 1926. As a result of these factors, a poor stand of onions resulted. It was soon seen that the test plots selected were so uneven in stand that a harvest of the crop at maturity would have no bearing on the results of the experiment, so results were judged by frequent careful observations made on the plots while the crop was growing.

SUMMARY

The summary of observations conducted by both Mr. Sands and the writer led to the conclusion that the first two sprayings had proven effective, particularly did the first spray seem to have been timely in its application. The later sprayings, as well as could be judged, were of some value but the maggot was operating in the onions, apparently to a greater extent, proportionately with the later sprays.

Onion maggot did greater damage on the Pelee marsh in 1926 than in any season, ever before coming to the attention of the writer. Some whole blocks of pickling onions were made worthless while the main crop in the large area where the experiment was conducted was badly damaged. The early sprayed plots were noticeably freer from attack and it would appear that this method of control was well worthy of consideration and adoption by muck land onion growers.

ONIONS

Project—To conduct an experimental plot on muck land at the Experimental Farm, in order to determine the best fertilizer mixtures to use for the production of bulb onions:

Plot Number	Fertilizer Analysis	Yield per Acre		Waste	Total Marketable Onions	Increase Over Check	Value of Increase Over Check	Cost of Fertilizer	Return for \$1.00 Spent in Fertilizer
		Small	Large						
1	0-8-6	3,750 0	20,262 8	600 0	24,012 8	5,637 8	\$84 56	\$17 82	\$4 74
2	2-8-6	6,787 8	21,375 0	381 4	28,162 8	9,787 8	146 81	23 28	6 30
3	4-8-6	7,387 8	19,950 0	937 8	27,337 8	8,962 8	134 43	26 76	5 02
4	6-8-6	7,612 8	21,075 0	412 8	28,687 8	10,312 8	154 68	30 66	5 04
5	8-8-6	5,287 8	20,700 0	862 8	25,987 8	7,612 8	114 18	34 56	3 30
6	0-4-4	3,787 8	18,075 0	675 0	21,862 8	3,487 8	78 47	14 52	5 40
7	0-6-4	4,087 8	22,275 0	300 0	26,362 8	7,989 8	119 81	15 72	7 62
8	0-8-4	7,987 8	20,725 0	450 0	28,712 8	10,337 8	155 06	16 92	9 16
9	0-10-4	4,012 8	18,825 0	787 8	22,837 8	4,462 8	66 93	18 12	3 69
10	0-12-4	4,087 8	16,125 0	937 8	20,212 8	1,837 8	27 56	19 32	1 42
11	0-8-8	1,387 8	13,312 8	1,284 6	24,700 0	6,325 0	94 87	18 72	5 06
12	0-8-10	3,787 8	17,025 0	1,500 0	20,812 8	2,437 8	36 56	19 62	1 86
13	0-8-12	3,937 8	17,775 0	975 0	21,712 8	3,337 8	50 06	20 52	2 43
14	4-8-10	2,587 8	18,975 0	1,068 12	21,562 8	3,187 8	47 81	28 56	1 67
15	4-10-12	1,575 0	24,825 0	450 0	26,400 0	8,025 0	120 37	30 66	3 92
Average Check	No fert.	5,812 8	12,562 8	1,350 0	18,375 0	.....	.....	.....	.....

"Small" onions were those of good quality and sound and firm—readily saleable as a smaller grade.
 "Large"—Large onions were those from which the smaller ones had been culled.
 "Waste"—Thick necks, green tops, rotten or in any way worthless onions.

RESULT OF FERTILIZER TEST ON ONIONS AT RONDEAU MARSH, 1926

Plot Number	Fertilizer Analysis	Yield per Acre				Check L. S.	Total Market-able Onions	Increase Over Check per Acre	Value of Increase Over Check	Cost of Fertilizer	Return for \$1.00 Spent in Fertilizer
		Manure		Lime							
		L.	S.	L.	S.						
1	0-8-6	8,075	947,359	328	9,000	468	24,434	5,756	\$86 34	\$4 84	
2	2-8-6	8,859	187,5494	562	7,312	328	21,665	2,987	44 80	1 92	
3	4-8-6	8,250	187,6703	281	6,750	609	21,603	2,925	43 87	1 63	
4	6-8-6	7,687	140,7453	562	8,075	375	23,215	4,537	68 05	2 21	
5	8-8-6	9,656	187,5156	562	5,906	562	20,718	2,040	30 60	88	
6	0-4-4	9,468	140,5531	656	5,812	656	20,811	2,133	32 00	2 20	
7	0-6-4	9,937	281,6440	468	5,437	750	21,814	3,136	47 04	15 72	
8	0-8-4	9,515	187,5718	619	7,500	421	22,733	4,055	60 82	3 59	
9	0-10-4	9,375	234,4593	328	4,734	468	18,702	24	18 12	02	
10	0-12-4	8,484	187,7125	421	5,625	328	21,234	2,556	38 34	1 98	
11	0-8-8	8,109	234,6187	515	6,234	562	20,530	1,852	18 72	1 48	
12	0-8-10	8,437	187,6468	619	6,797	468	21,702	3,024	45 36	2 31	
13	0-8-12	9,656	187,7171	468	7,593	375	24,320	5,042	84 63	4 12	
14	4-8-10	8,062	94,6937	468	7,687	375	22,686	4,008	60 12	2 10	
15	4-10-12	10,120	94,7125	468	7,875	937	25,120	6,442	96 63	3 15	
Check	No fertilizer	9,187	187,4265	679	5,226	586	18,678	.....	.....	.....

ARTIFICIAL FERTILIZERS FOR EARLY POTATOES

Considerable work has been undertaken on the farm and on surrounding farms; the general conclusions drawn from the four years' work are as follows:

(1) That at least two per cent. nitrogen in soluble form should be used. Where the land carries sufficient, but not in soluble form, the two per cent. will act as an insurance against retarded growth during a cold, backward spring.

(2) The amount of nitrogen used should not exceed approximately five to six per cent. The fertility of each individual field has to be considered.

(3) The use of clovers should render the application of more than two per cent. unnecessary.

(4) Sixteen per cent. acid phosphate up to ten and twelve per cent. can be used in southwestern Ontario to very good advantage financially.

(5) More work will have to be done to ascertain the percentage of potash but indications point to a range of from four to eight per cent.

(6) Six hundred pounds of a mixture carrying approximately the amounts of nitrogen, acid phosphate and potash mentioned can be generally recommended per acre under reasonable conditions of fertility. However, the wide range of fertility of farms must always be given consideration before very much fertilizer should be purchased for early potatoes.

The above conclusions do not necessarily apply to late potatoes.

The co-operative sugar beet plots for the testing of fertilizers upon sugar beets give very excellent promise of results but no definite conclusions can be drawn until at least two more years of such work have been carried on.

In 1924 and 1925, the farmers were asked to superintend the thinning and weeding, but in 1926 this was undertaken by the Experimental Farm, in order to have a better control of the plot.

The outstanding factor that will always come to the forefront in such experiments has already become pronounced; that no two farms require the same treatment and that generally any farm requires somewhat different treatment according to the seasons. Undoubtedly it pays to fertilize in a general way for a cash crop as insurance against unfavourable weather; there is one exception in the plots, and an analysis of the results over a period of two years is interesting; in 1925 the acid phosphate alone gave the best results; in 1926, a 2-12-4 mixture was best with the acid phosphate a very close second. The amount of available nitrogen was evidently in sufficient quantities for maximum yields. Perhaps the addition of two to four per cent. of potash would be advisable.

The amount of nitrogen that should be added for general use cannot or should not be estimated from two or three years' work but two per cent. in an available form might well be recommended on all farms, except where special tests have been made, to give the young plants a strong start. It is doubtful, except on poor farms, whether the sugar beet crop can carry a fertilizer with more than two or four per cent. nitrogen. In three cases in 1926, mixtures carrying four and six per cent. did well but in two cases the land was not in the highest state of fertility and, moreover, the season seemed to demand a higher percentage of nitrogen than did 1925.

Because this section of the country is deficient in phosphates, there is no doubt about a mixture carrying eight to twelve per cent. phosphoric acid.

The amount of potash required will no doubt fluctuate somewhat with the amount of available nitrates in the soil. The experiments so far have shown

nothing very definite along this line except that, where a reasonable amount of potash was used, the tests for sugar remained a little more constant than where the potash was low or omitted.

Where the farms had produced abundant crops of clover for ploughing down, the acid phosphate gave excellent results demonstrating rather clearly that the overhead in the production of sugar beets may be reduced by the liberal use of clover even though some other crop may intervene between the clover and the beet crop.

FEEDING EXPERIMENTS

BEEF CATTLE—STEERS

Fed during Winter of 1925-26

20 steers, average weight 1,012.5 pounds.

20,250 pounds at \$6.60 cwt., \$1,336.50.

February 12th sold 1 steer to butcher, \$70; estimated weight, 1,050 pounds.

February 13th steer became sick; estimated weight, 1,400 pounds.

Total weight of cattle and selling price:

Sold April 10th 21,770 pounds at 8 cents.....	\$1,741 60
1,000 " 7 "	70 00
Sold Feb. 12th 1,050 "	70 00
Sold Feb. 13th sick steer 1,400 " hide.....	6 09

25,220 pounds \$1,887 69

Selling price..... \$1,887 69

Cost price..... 1,336 50

Gain..... \$551 19

18 steers fed for 154 days } or equal to feeding 2,968 days.
2 " " 98 "

Total gain, 4,970 pounds, or 1.67 plus pounds per day.

FEED CONSUMED

32 tons of Ensilage at \$3.....	\$96 00
3,438 pounds of Corn at 1½ cents.....	51 57
3,297 pounds of Barley at 1¼ cents.....	41 21
927 pounds of Soy Beans at 3 cents.....	27 81
120 pounds of Oats at 1 1/3 cents.....	1 60
6 loads of Corn Fodder at \$4.....	24 00
8 loads of Bean straw at \$4.....	32 00
1,000 bushels of roots at 10 cents.....	100 00

\$374 19

Cost per pound gain:

4,970 pounds cost \$374.19, or 7.52 plus cent per pound.

Total cost—Steers. \$1,336 50

Feed..... 374 19

\$1,710 69

Total sales. \$1,877 69

Net gain..... 177 00

The proceeds from the sale of the steer that died would have been profit and at eight cents would have reached at least \$120.00.

SWINE EXPERIMENT, 1926
Effect of Feed on the Quality of the Finished Product

Pen No.	Breed and Number of Pig	Weight at Beginning	Gain	Corn	Oats	Shorts	Tankage	Mineral	Barley	Alfalfa	Blood Meal	Total Cost	Cost per 100 Pounds
1	1 Tamworth, 2 Yorks.....	lbs. 165	lbs. 406	lbs. 1,110	lbs. 375	lbs. 73	lbs. 540	lbs. 73	lbs. 540	lbs.	lbs.	\$30 37	\$7 48
2	1 Tamworth, 2 Yorks.....	160	399	1,273	637	75	....	75	540	....	....	28 65	7 18
3	1 Tamworth, 2 Yorks.....	157	427	1,270	635	75	....	75	....	326	....	29 39	6 88
4	1 Tamworth, 2 Yorks.....	130	495	437½	875	75	....	75	....	....	18¼	34 65	7 00
5	1 Tamworth, 2 Yorks.....	111	509	1,304½	93	75	153½	75	....	326	....	37 87	7 44
6	1 Tamworth, 2 Yorks.....	128	447	410	307½	75	....	75	883	297½	101	29 81	6 67

This report only shows part of the experiment which is a duplicate of last year's work. The sides are being cured at William Davies Company.

NORTHERN ONTARIO DEMONSTRATION FARM

Spring weather opened up favourably and fields worked up in a wonderful state of tilth. Seeding was done under almost ideal conditions. Germination was satisfactory and early growth quite rapid. A heavy rain fall coming soon after the crops appeared above ground did some damage. Crops recovered splendidly, however, and produced a good stand. Excellent crops would have been realized except that a bad attack of grain rust (unusual to the district) hit the grain about the time it was filling and greatly reduced the quality of oats more than other cereals.

The demonstration of fall wheat, consisting of a fifteen-acre field, yielded at the rate of twenty-six bushels per acre. It is only fair to state that rust injured this crop to some extent and it was seeded on land that had only been ploughed once before. The demonstration was regarded as being sufficiently worth while to have repeated, and this fall a field of twenty acres was seeded. This was done ten days earlier than a year ago and as a result it went into winter quarters in more excellent condition than during the former year.

The distribution of pure bred live stock has continued as a principal feature of our work, especially in the selling of young Shorthorn bulls, Holstein bulls, calves and shearling rams. Distribution of shearling rams is possibly more desirable than selling ram lambs. By keeping them over they can be culled to better advantage and distribute a higher type of sheep. The inauguration of club sheep work is possibly the outstanding feature of the live stock extension programme and for the coming year there will be six flocks distributed to junior farmers.

Three pure-bred Yorkshire hogs (two sows and one boar) were added to the farm, being purchased at the annual O.A.C. sale. These hogs are of high quality and we hope will help improve the hog industry of the north country.

An implement shed and milk room were added to the farm buildings and are serving a very useful purpose.

Red clover as a silo crop is being demonstrated again this year and giving good results. This crop will prove a useful silage crop throughout Northern Ontario.

DATES OF FARM OPERATIONS

The dates upon which the more important farm operations commenced for the past year, are as follows:

First work on land.....	May 13.
Seeding Garnet Wheat.....	May 29.
Seeding Victory Oats.....	June 3, 4.
Seeding Assalman Oats.....	June 4, 5.
Seeding O.A.C. No. 72 Oats.....	June 8, 9.
Seeding O.A.C. No. 3 Oats.....	June 10, 14, 15.
Seeding Alaska Oats.....	June 11.
Seeding Barley.....	June 17.
Planting Potatoes.....	June 22.
Seeding Turnips.....	June 23.
Seeding Winter Wheat.....	August 21.
Ploughing stopped by frost.....	November 5, 17.
Cutting Hay (first).....	July 24.
Cutting Alfalfa (first).....	July 20.
Cutting Alfalfa (second).....	September 3.
Cutting O.A.C. No. 3 Oats.....	September 8, 9, 14, 15.
Cutting Alaska Oats.....	September 10.
Cutting Garnet Wheat.....	September 13.
Cutting Assalman Oats.....	September 17.

Cutting Barley.....	September 22.
Cutting O.A.C. No. 72 Oats.....	September 23.
Cutting Victory Oats.....	September 28, 29.
Digging Potatoes.....	October 11.
Harvesting Roots.....	November 2.
Threshing.....	September 17.
Silo Filling.....	July 16, August 27.

SEASONAL NOTES

It will be noted from the previous table that the first work on the land commenced May 13th, as compared with April 29th the previous year. This date does not represent the average for the district and is accounted for by the fact that the farm fields are comparatively level and do not drain off as rapidly as the higher land.

Precipitation for the year is noted as 20.38 inches, slightly less than during 1925 when 23.38 inches fell. The total is also slightly below the average for the past four years and about the same as the average for the last thirty-two years. It may be of interest to note that the month of July recorded the greatest precipitation during the year.

The highest temperature for the year occurred August 3rd, and registered eighty-nine degrees. This is considerably below the highest temperature for 1925, when a temperature of ninety-four degrees was registered early in June. It will therefore be noted that the season was slightly cooler, on the whole, than during the previous year, the average highest temperature for 1925 being 63.75 degrees; 1926, sixty-two degrees, the average lowest temperature 28.66 degrees as compared with 26.5 degrees.

In comparison with these figures it is interesting to note, however, that there was a greater total number of hours sunshine in 1926 than in 1925, 1,574.5 as compared with 1,509.7. The month of May totalled the greatest number of hours sunshine for any month during the year.

The frost-free period of seventy-five days is considerably below that of ninety-one days for the previous year. The average as noted in last year's report is 125 days. Early frosts, however, were so very slight that crops suffered really no damage at all.

WEATHER RECORDS

Precipitation:

Total precipitation for the year November 1st, 1925, to October 31st, 1926.....	20.39 inches
Average precipitation for the last four years.....	21.88 "
Total precipitation for seven months, ending October 31st, 1926.....	15.01 "
Average for thirty-two years for the same period.....	20.15 "
Month having greatest precipitation.....	July
Total precipitation during month of July.....	4.65 "

Temperature:

Highest temperature.....	August 3rd, 1926.....	89 degrees
Lowest temperature.....	January 12th, 1926.....	-34 "
Last frost.....	June 16th, 1926	
First frost.....	August 31st, 1926	
Frost-free period.....	75 days	

Average frost-free period (thirty-two years).....121 days
 Shortest frost-free period on record..... 73 days, year 1923
 Longest frost-free period on record.....157 days, year 1909

Sunshine:

Bright sunshine on.....246 days
 Total hours bright sunshine..... 1,574.5
 Average hours sunshine per day..... 6.4
 Yearly average hours of sunshine (four years)..... 1,784.09
 Yearly average number of days with bright sunshine..... 246.5
 Month having greatest amount of sunshine, May, 1926..... 28 days
 Average hours per day during May..... 8.38
 Month having least sunshine, December, 1925..... 13 days
 Average hours per day during December..... 3.69

WEATHER OBSERVATIONS, 1925-1926

Month	Temperature						Sunshine	
	Highest	Date	Lowest	Date	Average	Average for 32 Years	Days of Bright Sun-shine	Hours of Sun-shine
November, 1925...	48	4 & 21	-22	29	27.58	*29.1	13	50.5
December.....	41	5	-30	27	14.40	*10.0	13	48.0
January, 1926.....	36	17	-34	12	8.80	† 1.7	14	64.9
February.....	33	15 & 17	-30	20	5.02	† 6.2	23	127.5
March.....	45	21	-33	16	11.50	†16.5	27	180.0
April.....	49	24	-19	15	25.51	36.0	23	149.2
May.....	82	31	10	4	45.55	50.0	28	234.8
June.....	82	12	29	16	58.85	60.7	26	197.0
July.....	84	31	35	3	63.68	66.0	25	180.6
August.....	89	3	32	31	60.99	62.5	19	149.1
September.....	73	19	24	26	52.10	54.7	19	116.9
October.....	82	4	20	1 & 9	41.22	42.4	16	77.0

* Average for three years only.

†Average for four years only.

PRECIPITATION

Month	Rain		Snow		Total as Rain		Average for 32 Years
	Days Rain Fell	Inches	Days Snow Fell	Inches	Days	Inches	
November, 1925.....	8	1.48	10	T	17	1.45	*1.05
December.....	7	.63	20	1.0	24	.75	*.93
January, 1926.....	2	.18	18	6.6	18	.84	†.98
February.....	.....	.....	11	6.5	11	.65	†1.27
March.....	.....	.....	6	17.0	6	1.70	1.33
April.....	4	.40	15	13.0	16	1.70	1.77
May.....	12	1.89	5	1.1	15	2.00	2.65
June.....	18	1.56	1	T	18	1.56	2.81
July.....	15	4.65	.....	.....	15	4.65	3.62
August.....	12	1.94	.....	.....	12	1.94	2.80
September.....	13	1.13	.....	.....	13	1.13	3.29
October.....	18	2.03	7	.08	21	2.038	2.84

*Average for three years only.

†Average for four years only.

DIRECTION OF WIND

Month	By 12-Hour Periods								Prevailing Direction
	N	NW	W	SW	S	SE	E	NE	
November, 1925.....	3	10	20	1	3	6	6	2	W
December, 1925.....	1	16	20	1	..	6	10	1	W
January, 1926.....	4	10	14	10	..	10	8	1	W
February.....	..	22	5	1	3	4	5	1	NW
March.....	9	28	3	2	..	9	6	6	NW
April.....	3	15	20	4	2	6	7	..	W
May.....	7	24	8	1	4	11	3	..	NW
June.....	4	18	7	2	3	12	5	2	NW
July.....	1	20	16	1	1	5	5	2	NW
August.....	1	15	14	..	2	9	8	2	NW
September.....	4	10	18	2	1	11	6	2	NW
October.....	2	10	25	2	3	5	8	2	W

ANIMAL HUSBANDRY

Dairy Cattle—The dairy cow is featured as one of the important things in connection with the live stock work of the farm and special efforts are being made to improve the quality of the Holstein herd. Some of the young stock purchased a year ago did not measure up to expectations, and will be culled. The calves from Champion Hartog Canary, while strong in constitution, appear to lack type to some extent and we are seriously considering the purchase of a new herd bull to replace the one already referred to. Type and test along with size are the features being kept in mind in building up the farm dairy herd. We believe a high butter-fat test to be possibly more important along with average production than exceptional production with a low test.

The five heifers purchased as calves from the Monteith Academy freshened during the year for the first time, showing up especially well. The triplet heifers gave birth to heifer calves, while the twin heifers each gave birth to a bull calf.

Shorthorn Cattle (Dual Purpose)—The Shorthorns have given a very credible account of themselves during the year and the offspring from Master Melody is of a high standard. It is interesting to note that many farm visitors inquire regarding the dual purpose Shorthorns. They appear to be in general favour with a large number of farmers and for this reason efforts will be made to keep the herd at a high standard. A number of very fine calves were sold to settlers during the year. Two tests made during the year for tuberculosis showed the herd to be entirely clean.

DAIRY HERD RECORDS

Name of Cow	Breeds	Age at Beginning of Lactation Period	Date of Freshening	Number of Days in Period	Total Pounds of Milk Produced	Daily Average Yield of Milk	Average Percent. Fat	Value of Whole Milk at 10c. per Quart	Number Pounds of Butter-fat
Lady Cruickshank.....	Shorthorn	8 years	Mar. 3	242	7,726	31.92	4.5	309 04	347.67
Lady Refiner 2nd.....	"	2 "	Oct. 18	13	274	21.07	...	10.96	* 8.9
Rosebud Patricia.....	"	2 "	Oct. 8	23	518	22.52	5	20.72	45.9
Abbekerk Hartog Johanna.....	Holstein	4 "	Jan. 9	263	7,510	28.51	3.6	300.40	270.36
Academy Magge Abbekerk.....	"	2 "	Mar. 24	221	7,855	35.53	3.5	314.20	274.92
Academy Mary Sylvia.....	"	2 "	April 1	214	6,594.5	26.14	3.6	223 76	237.4
Academy Nellie DeKol.....	"	2 "	Mar. 27	218	7,138.5	32.74	3.7	285 52	264.12
Academy Pauline Echo.....	"	2 "	April 21	193	7,790	40.40	3.7	311 60	288.23
Academy Pontiac Echo.....	"	2 "	Mar. 18	227	7,587.5	33.42	3.6	303 27	273.15
Bessie Dutchland Schuiling.....	"	3 "	Sept. 25, 1925	441	10,389	25.90	...	415 56	*337.64
Daisy Artis Dutchland.....	"	2 "	Aug. 24, 1925	402	10,389	25.82	...	415 56	*337.64
Francy Johanna Hartog.....	"	3 "	Jan. 3	270	7,825.5	28.97	3.8	321 94	297.29
Johanna Butter Lass DeKol.....	"	3 "	Dec. 27, 1925	307	8,725	28.71	3.9	339 00	340.27
Lady Pietje Rolo Beets.....	"	3 "	Aug. 13, 1925	282	5,886	20.87	...	235 44	*191.29
Lady Rolo Beets.....	"	6 "	Mar. 18	227	9,297.5	40.95	3.6	371 90	334.71
Lady Snowflake of Temiskaming.....	"	2 "	Sept. 28, 1925	444	10,889	24.52	...	435 56	*353.89
Pauline Johanna DeKol.....	"	3 "	Jan. 8	143	3,082	22.50	3.8	123 28	117.11
Queen Patsy Johanna.....	"	3 "	Jan. 4	147	2,723	18.58	3.5	98 92	95.30
Valentine Segis Keyes.....	"	4 "	Feb. 26	247	8,614	34.92	3.4	344 56	292.87
Faforit Hartog Johanna.....	"	2 "	Dec. 24, 1925	288	8,521	30.44	3.9	340 84	332.31
Totals.....		60 "		4,812	149,433.5	574.58	57.1	\$5,513 03	5,140.97
Averages.....		3 "		240.6	7,421.7	28.72	3.8	275 65	257.05

*These cows are not on official test.
Butter-fat given is on a basis of 3.25 per cent. test.

DAIRY HERD—OCTOBER 31ST, 1926

1 Mature Bull	
17 Mature Cows	
10 Heifer Calves	{ 6 senior yearlings
	{ 4 junior yearlings.
SHORTHORN HERD (DUAL PURPOSE)—OCTOBER 31ST, 1926	
1 Mature Bull	5 Mature Cows
3 Heifers	2 Calves.

SERVICE RECORD OF BULLS

Month	Holstein		Shorthorn	
	Demonstration Farm	Others	Demonstration Farm	Others
1926				
January,	1	..	4	5
February,	2	1	..	..
March,	1	1	..	1
April, .....	..	1	..	2
May, .....	..	..	..	1
June,	5	1	..	4
July,	1	1	1	4
August,	7	..	1	2
September, .....	..	1	..	..
Totals,	17	6	6	19

Five farmers used the Holstein bull.
Seven farmers used the Shorthorn bull.

Sheep—Reference has already been made to the importance of this phase of the live stock work and it is a well recognized fact that sheep-raising is an important thing throughout many parts of Northern Ontario. Throughout the Districts of Temiskaming and Cochrane, one does not hear of ravages from wolves, but some damage was done during the year by dogs. The farm flock escaped any worrying by dogs.

Lambing results were much superior to those of the former year. Fifty-three ewes gave a total of seventy-six lambs, or an average of 1.43 per ewe. Invariably they came strong and healthy.

The flock is regarded as somewhat too large at the present time and plans are being made to cull it rather severely. It is the intention to increase the standard of the flock and produce better stock for distribution that will be a credit to the institution. A greater number of ram lambs will be carried over to be sold as shearlings during the coming year than ever before. The demand is more for shearling rams than for ram lambs. This system also permits of better selection and the distribution of a more typy and desirable ram.

The following grading table is interesting from the fact that this year there are 185 pounds of medium staple as compared with nine-five the previous year. This is attributed altogether to care in winter feeding. At no time was feed put in the racks when the sheep were in the yard. Undoubtedly it paid well to take a little time and shut the sheep up before feeding. This permits keeping the wool very free from hay chaff and seed, and a already stated, gave a much better grading.

same crop. The former twenty-acre field will be used for pasture during the coming summer. This is entirely a new experiment and demonstration for the farm and results are awaited with much interest. If this crop proves satisfactory for this purpose, it is the intention to use it quite extensively for pasture. One feature noted in connection with harvesting alfalfa is that it seems necessary to harvest the first crop earlier than has been the practice in the past. This is to allow the second crop to mature so that it may be cut sufficiently early in the late summer to permit satisfactory curing. It will also permit a better growth for winter conditions. Ideal weather prevailed during haying, and throughout the entire district hay of much better quality was made than a year ago.

Grain Crops—One-hundred and twenty acres were seeded to spring cereals, consisting of oats principally, barley and wheat. This area is divided up as follows:

Assalman Oats.....	20 acres
Victory Oats.....	20 "
O.A.C. No. 72 Oats.....	20 "
O.A.C. No. 3 Oats (about).....	43 "
Alaska Oats.....	2 "
Barley.....	10 "
Mixed Grain.....	10 "

In addition to the above named the cereal crop for this year consisted of fifteen acres of fall wheat, Dawson's Golden Chaff, reference has already been made to the fact that cereals went into a good seed bed under favourable conditions. During the early stages of crop growth indications were that excellent crops would be harvested. These indications proved to be correct up to the time that cereals were attacked by rust. Never before in the history of the district have cereals suffered so extensively and to such an extent from the ravages of stem rust as this year. Very excellent stands of oats were reduced in yield and quality to fifty per cent. of the crop. This damage occurred in a very short time and no remedy was possible. Here and there through the district, one learns of farmers having yields of grain really equal to last year's, but this is the exception rather than the rule for 1926. No doubt it will be many more years before the district will have a re-occurrence of this thing.

On August 31st, 1925, a fifteen-acre field of Dawson's Golden Chaff was seeded and the crop cut this year was very satisfactory indeed. This crop suffered from rust which reduced the yield anticipated. Many visitors looking over the field decided that a yield of thirty bushels would be realized, twenty-six bushels per acre was the yield for the field. This year's crop of fall wheat was seeded ten days earlier and on better prepared soil, and went into winter quarters in splendid shape, in fact, the crop covered the ground like a mat and was in a very healthy condition. Many inquiries have come to hand in reference to this demonstration, and the coming fall will no doubt witness quite an increase in the acreage of fall wheat seeded throughout this section of Northern Ontario.

Seeding and harvesting dates are as follows:

Seeding Date	Kind of Grain	Harvesting Date
May 29th.....	Garnet Wheat.....	Sept. 13th
June 3th and 4th.....	Victory Oats.....	Sept. 23rd
June 4th and 5th.....	Assalman Oats.....	Sept. 17
June 8th and 9th.....	O.A.C. No. 72 Oats.....	Sept. 23rd
June 10th, 14th, 15th.....	O.A.C. No. 3 Oats.....	Sept. 8th, 9th, 14th, 15th
June 11th.....	Alaska Oats.....	Sept. 10th
June 17th.....	O.A.C. No. 21 Barley.....	Sept. 22nd

Garnet wheat was tested out for the first time under field conditions and it was most unfortunate that stem rust hit it so hard this year. It will be grown again in 1927, under field conditions and much better results are expected.

O.A.C. No. 3 Oats—Having in mind the suitability of this variety for Northern Ontario conditions it was deemed advisable to commence growing registered seed. With this end in view we communicated with the C.S.G.A., also with the Field Husbandry Department, O.A. College, Guelph. Replies to these inquiries were to the effect that no registered seed was available anywhere in the Province. It was therefore decided to secure from Professor Zavitz a small quantity of Elite Stock seed that would be pure as to kind. Professor Zavitz very kindly supplied one-half bushel, and this was seeded in a test plot. The ravages of rust, however, almost ruined the plot, so that results this year were nil from the standpoint of registration. Another attempt will be made during the coming year, as it is considered worth while in the interests of Northern Ontario agriculture.

Silage Crops—In last year's report it was stated that red clover was used for the first time as a silage crop. This was altogether a new experiment, and it was with some diffidence that results were anticipated. Expectations were fully realized when the silo was opened and feeding commenced. The silage came out in excellent condition and the live stock seemed to relish it very much indeed, in fact results were considered so satisfactory that it was decided to use red clover this year altogether. Therefore one field of red clover was set apart for this purpose and two crops were taken off it, one crop put into each silo. The second crop gave almost as great a yield as the first. Not having a platform scale it was impossible to weigh the yield per acre as the silo was being filled. Next year we hope to have data on this particular point. The small amount of labour required in the production of a crop of red clover as compared with corn or sunflowers is considered something in its favour. The use of the ordinary mower and hay rake facilitates handling very much. It possibly takes a somewhat larger acreage of red clover, but we believe the cost of the acreage required is much less than the labour cost in producing any kind of hoed crop.

A sample of the silage was sent to the Chemistry Department, O.A. College, Guelph, and the following report was received from Professor Harcourt:

Moisture.....	73.50	per cent.
Protein.....	4.90	"
Fat.....	1.35	"
Fibre.....	6.92	"
Ash.....	2.77	"
Carbohydrates.....	10.56	"

The following analysis of corn silage as taken from "Feeds and Feeding" by Henry, is of interest in comparison with the above:

Moisture.....	73.6	per cent.
Protein.....	2.7	"
Fat.....	.9	"
Fibre.....	7.8	"
Ash.....	2.1	"
Carbohydrates.....	12.9	"

Oats and peas mixed is a crop that is sometimes used for ensilage purposes and a comparison between it and the two crops already referred to is of interest. Henry quotes an analysis of oats and peas as follows:

Moisture.....	72.5	per cent.
Protein.....	3.8	"
Fat.....	1.3	"
Fibre.....	9.6	"
Ash.....	2.8	"
Carbohydrates.....	10.0	"

It will be noted from the above tables that red clover silage compared very favourably with the other crops referred to, in fact, I think it may be regarded as superior to oats and peas, in that it has a greater percentage of protein, less fibre and a slightly higher percentage of carbohydrates.

Potatoes—Lack of proper storage facilities has made it more or less impossible to carry on much work in connection with the production of potatoes. Suitable storage will be provided at the earliest convenience, after which more or less special attention will be given to potato demonstration work. Potatoes are regarded as an important crop throughout Northern Ontario, and the value of work in connection with the production of same is fully realized, Irish Cobblers, Green Mountain, Dooleys, Pioneer Pride, were all quite successfully grown this year.

Roots and Vegetables—The production of roots and vegetables throughout Northern Ontario is of very great importance. Invariably there is a splendid market for stuff of this kind as well as the necessity for farmers having it for home consumption. With the provision of proper storage facilities, systematic work will be carried on from year to year in testing out different varieties, especially in reference to earliness and yield. The importance of early maturing is recognized in the production of all farm crops, along with those other qualities which tend to a satisfactory yield, quality, production, etc.

Turnips have been grown on the farm with very satisfactory results. It is just possible that the importance of early seeding has not been recognized to the extent it should have been. This one factory seems necessary in order to permit them to attain mature growth before fall weather sets in. Turnips as a hoed crop, of course, require considerable attention by way of cultivation, hoeing, thinning, etc., but it does seem that nothing will really take the place of roots as part of the winter ration for live stock. This necessitates placing them among the apparently necessary fodder crops required to make up a well balanced ration.

EXPERIMENTAL WORK

Experimental or demonstration work was carried on only in a small way. As in the previous year, variety tests were made with cereals chiefly. The necessity for early work on the land and the seeding of field crops made it impossible to seed experimental plots at the same time. Rain came on just when we were prepared to commence work on the experimental plots and delayed seeding for about ten days. This naturally held up growth and caused the plots to be late in getting away to a start. The rod row system, in conjunction with fortieth acre plots was introduced this year and tested out for the first time. All plots showed up well in the early stages, and satisfactory yields would have undoubtedly been realized had not rust done such a great amount of damage. Wheat, oats, barley and peas were the principal crops tests out in this way, and the following tables will in part show the results obtained. Oats were so badly entangled in the rod rows that it was impossible to harvest them with any degree of accuracy. Rust weakened the stands so that they broke over and lodged in the variety beside them in the condition already referred to.

VARIETY TEST WITH SPRING WHEAT

Date of Seeding, May 29th

Variety	Date of Ripening	No. of Days Ripening	Yield of Grain per Acre
Wild Goose.....	Sept. 25th	119	33.95 bushels
Durum.....	Sept. 23rd	117	28.37 "
Quality.....	Sept. 24th	118	23.95 "
Reward.....	Sept. 15th	109	19.45 "
Marquis (selection made by Chas. Thomas).....	Sept. 20th	114	13.41 "

In reference to the above table it is rather interesting to note that the Durum wheats, represented by the first three on the list suffered less from the ravages of stem rust than the other varieties. The yields realized from the Durum wheats were very satisfactory, but yields from the other varieties cannot be taken as representative of the district.

VARIETY TESTS WITH PEAS

Date of Seeding, May 13th

Variety	Date of Ripening	No. of Days Maturing	Yield of Grain per Acre
O.A.C. No. 181.....	Sept. 30th	122	58.30 bushels
Early Raymond.....	Sept. 26th	118	52.08 "
Potter.....	Oct. 1st	123	49.758 "
Chancellor.....	Sept. 30th	122	46.30 "
Canadian Beauty.....	Sept. 28th	120	27.80 "

The above table shows results obtained from the five highest yielding varieties, and it must be admitted that these yields were especially good. The Early Raymond variety (originated by Mr. Chas. Thomas, R.R. No. 1, New Liskeard), noted for its early maturing qualities, ripened ahead of any of the other varieties this year, although the difference in the days to mature is not very great as between the earliest and the latest. The Early Raymond gave a much greater yield than last year, the 1925 yield amounting to 26.04 bushels. It is also of interest to note that a year ago, Canadian Beauty topped the list with a yield of 42.7 bushels, while this year it yielded only 27.8. Unfavourable weather conditions during the ripening period for a late variety like the Canadian Beauty is the explanation for this difference.

Barley Selection—For the past two years definite work has been carried on in the selection of a strain of O.A.C. No. 21 barley that apparently has the characteristic of shedding its awns during the process of ripening. Results this year were quite marked and efforts will be made from year to year to definitely establish this characteristic if possible. It is sufficient to know that this year's selection gave a higher percentage of bald heads at maturity than the selection of the previous year. This would seem to indicate that we are gradually working towards the goal in mind.

Sugar Beets—In last year's report quite extensive data was given regarding an experiment with sugar beets. Thinking possibly that we might create an

earlier maturing plant, we decided to select a number of roots and produce seed this year. One very outstanding feature about this experiment is the fact that one particular root yielded one-quarter of a pound of seed and matured very much earlier than any of the other plants. Four and three-quarters pounds of seed was realized from a one-hundredth acre plot and as already noted, one plant produced itself one-quarter pound. Some of the roots failed to mature seed at all, so that no very accurate comparison can be made in this way. Results obtained from this early maturing seed already referred to will be awaited with much interest during the coming year.

Spinach Seed—During the season of 1925, working in conjunction with Professor MacLennan of Guelph, we carried on a definite experiment in connection with the production of spinach seed. Results were not determined in time to be included in the farm report for 1925, therefore it will be included this year.

Professor MacLennan sent forward sufficient seed for approximately one-twentieth of an acre. The seed was sown on June 9th and harvested September 24th. As the farm did not have any means of cleaning the seed the crop in the rough was sent forward to the Department of Horticulture to be cleaned. Sixty-five pounds of good clean commercial seed was realized. This works out to a yield of about 1,300 pounds to the acre. The variety used was Virginia Resistant and the seed came originally from the D. W. Warren Company of Norfolk, Virginia. This company was primarily looking for a location where seed might be produced, possibly more resistant than southern grown seed, also earlier in maturing. Professor MacLennan was well pleased with the experiment, and the following information received by Professor MacLennan from two firms in New York State is evidence of the suitability of northern grown seed for use by southern growers.

Jerome B. Rice Seed Co.,
Cambridge, N.Y., Sept. 2nd, 1926.

Prof. A. H. MacLennan,
Ontario Agricultural College,
Guelph, Ont.

DEAR MR. MACLENNAN:

Sometime last winter your College sent to us a sample of Virginia Resistant spinach seed of which was said to have been grown "300 miles north of Toronto."

You will be interested to know that the trial ground report made of this sample at Cambridge, checking with seed direct from Virginia, reads, "By far the earliest of the Norfolk Resistant types; was all cut and out of the way before the Virginia stock was ready for cutting."

If growing the seed in that north country begets earliness, I would advise your doing a little experimental work with the "Princess Juliana," the most popular long season variety to-day.

With kindest personal regards, I am,

Cordially yours,

(Signed) CHAS. P. GUELF.

Joseph Harris Company,
Coldwater, N.Y., Oct. 13th, 1926.

Department of Horticulture,
Ontario Agriculture College,
Guelph, Ontario, Canada.

GENTLEMEN:

You sent us a sample of Blight Resistant Savoy Spinach last spring for trial. We found it very resistant to disease and a rapid grower. Can you tell us where some seed of this strain can be obtained? We would like to get fifteen or twenty pounds for seed production.

Any information you may be kind enough to give us will be gratefully received.

Yours respectfully,

JOSEPH HARRIS COMPANY.

Alfalfa—The production of alfalfa is no longer in the experimental stage as it has been demonstrated quite satisfactory that it can be produced as an economical hay crop in the district. The following tables give yields realized from nine test plots seeded in 1924. These plots are one-hundredth acre in size, and the alfalfa was cut and dried in the ordinary way. Not having equipment to dry samples to a constant weight, it was decided to bag up the crop after having been fairly well dried in the field and store these bags inside until the alfalfa was entirely dry and take the weights. It may be considered, therefore, that the results tabulated are reliable.

ALFALFA YIELD

Date of Cutting, July 19th

Plot No. 1 yielded.....	2 tons	981	pounds per acre
Plot No. 2 ".....	2 "	993	" "
Plot No. 3 ".....	2 "	1,843	" "
Plot No. 4 ".....	2 "	1,531	" "
Plot No. 5 ".....	2 "	1,737	" "
Plot No. 6 ".....	3 "	275	" "
Plot No. 7 ".....	2 "	1,706	" "
Plot No. 8 ".....	2 "	1,500	" "
Plot No. 9 ".....	2 "	1,062	" "

Average yield per acre—2 tons 213 pounds.

Date of Cutting, September 15th

Plot No. 1 yielded.....	2 tons	787	pounds per acre
Plot No. 2 ".....	1 "	1,087	" "
Plot No. 3 ".....	2 "	337	" "
Plot No. 4 ".....	2 "	156	" "
Plot No. 5 ".....	2 "	381	" "
Plot No. 6 ".....	2 "	218	" "
Plot No. 7 ".....	2 "	912	" "
Plot No. 8 ".....	2 "	712	" "
Plot No. 9 ".....	2 "	575	" "

Average yield per acre—2 tons 351 pounds.

It may be noted from the above tables that the average return per acre, including both cuts and from all the plots, amounted to 4 tons and 564 pounds.

Plots of mixed timothy, red clover and alsike, eight in all, one-hundredth of an acre in size, harvest, August 10th, gave the following yields:

MIXED TIMOTHY YIELD

Plot No. 1 yielded.....	2 tons	1,675	pounds per acre
Plot No. 2 ".....	2 "	1,812	" "
Plot No. 3 ".....	2 "	1,193	" "
Plot No. 4 ".....	2 "	550	" "
Plot No. 5 ".....	2 "	1,318	" "
Plot No. 6 ".....	2 "	1,325	" "
Plot No. 7 ".....	2 "	575	" "
Plot No. 8 ".....	3 "	1,068	" "

Average yield per acre—2 tons and 689 pounds.

In order to check up on field production, three plots, one rod square were taken from three different places in a field of timothy with the following results:

TIMOTHY YIELD

Date of Cutting, June 27th

Plot No. 1 yielded.....	1 ton	1,097	pounds per acre
Plot No. 2 "	1 "	771	" "
Plot No. 3 "		1,481	" "

This worked out to an average of one ton and 477 pounds per acre. The above consisted of almost pure timothy, as the previous year the field had been a mixture of clover and timothy.

Buildings.

The implement shed and milk room which were in course of erection at the time last year's report was issued, were duly completed and were found to be very useful. A small farm work shop has been established in one end of the implement shed and serves a very useful purpose in connection with general farm repair work, etc. During the early summer these buildings were painted to correspond with the other farm buildings.

Roadways.

Very little new work was done during the year in this connection, except that through the kindness of the Northern Development Branch, the main lane through the farm was graded up in excellent condition. Plans were under way to have the lane gravelled but the pressure of fall work and the earliness with which winter set in prevented these plans being carried out.

General Improvements.

The cleaning up programme commenced a year ago was pretty well completed with year, so that the farm yards, etc., present a more pleasing appearance. Further improvements are now being considered, especially landscape work. It is the intention to establish a permanent driveway around the buildings and then commence in a small way, tree, shrub and flower planting. Further work has been done in clearing up the different roots which come to the surface with each year's cultivation. Very little more work in this connection should rid the farm altogether of small roots and sticks.

As the farm yard is quite flat and drainage more or less unsatisfactory it was decided this fall to tile drain the entire yard. This work was surveyed and tile installed, and when the yard has been filled with stone and gravel it should be in first class shape. This work, of course, is quite permanent in nature and will last for many years to come.

Extension and Publicity.

Many farmers and others interested have visited the farm during the year, the majority being interested in the various lines of live stock and in other things. The demonstration with fall wheat also attracted quite a number of visitors and many favourable comments were heard.

The Annual Spring Seed Fair and Short Course held at New Liskeard used the farm stock for purposes of demonstration and a few classes were held at the farm during the course. During the summer months the Junior Farmers' Association from the vicinity of Englehart, visited the farm and an educational programme was arranged for the day. Mr. McNaughton, Vice-Chairman of the Overseas Settlement Committee, from London, England, was a visitor to the farm in the early fall. He was at that time just completing a survey of Northern Ontario and desired to look over the Demonstration Farm in order to view the crops, in particular. The Temiskaming Plowmen's Association held its third annual plowing match on the farm on the 29th day of September.

Reference has already been made to the extension work with Boys' Sheep Clubs, and much interest is anticipated in this particular line of work. The farm staff has co-operated in every way possible in extension work throughout the district in connection with meetings of different kinds, fall fairs, etc. Every consideration was given to the tour of the Demonstration Seed Cleaning Train and the farm along with certain farmers in the vicinity provided the necessary seed for the demonstration at New Liskeard.

SUMMARY

Agricultural conditions throughout this section of Northern Ontario, this year (1926) compare quite favourably with other years except for one or two things. First, the large amount of damage done by stem rust reduced the cereal crop very much in yield and quality. 1925 harvested one of the best cereal crops in the history of the district, therefore it was disappointing that so splendid a stand of grain should be so badly damaged by rust. It is not expected that there will be a reoccurrence of this thing for many years to come. The loss sustained due to a partial failure of the oat crop was very largely, if not altogether, made up from the splendid crop of clover seed harvested and the very excellent returns received from same. Twelve carloads of clover seed were shipped from New Liskeard alone; others from different points along the line of the T. & N.O. These twelve carloads averaged \$8,000.00 per car, which meant a very nice return to the farmers of the district. To individual farmers, returns varied from two or three hundred dollars up to as high as seven thousand dollars.

The potato crop was also very satisfactory. There being really no damage from rot or decay though yields were slightly below the average in some sections. Here, again, the price paid for potatoes was above the average, some farmers selling from the field in the fall at \$1.50 per bag, while the late fall prices went to \$2.00.

The live stock industry, dairying in particular, has increased during the year, and farmers are realizing more than ever before the importance of a steady return from this industry. Sheep and hogs have also increased in numbers and there have been many inquiries at the farm for ewes.

Reference has already been made to the use of red clover for ensilage purposes, and results have been most encouraging.

The pea canning factory recently established had quite a successful year though some farmers suffered some loss in this crop due to excessive moisture in the early part of the season.

The production of barley increased very much during the year, the acreage per farmer ranging from 5 to 100 acres. Barley is used quite extensively by all farmers for live stock feeding.

The problem of marketing has been very well taken care of during the year. The various lumbering camps and mining towns along with construction camps here and there provide quite a splendid market for finished products.

Unlike most of the Province this section of Northern Ontario had quite a dry summer and fall, in fact, pastures never before were as slack as during this year. Clovers being more or less native to Northern Ontario helped out very materially in pasture.

Quite a number of inquiries were received during the year from prospective settlers, and a number of new settlers came into the district, settling either on homestead land or purchasing farms.

The development of Northern Ontario agriculture is progressing very favourably, and it is the desire of the farm staff to have the farm function in such a way that real practical results may be handed out to the men on the land, who are doing so much to develop this great new country.

Ontario Department of Agriculture

ANNUAL REPORT

OF THE

STATISTICS BRANCH

1926

PART I.—AGRICULTURAL STATISTICS

PART II.—CHATTEL MORTGAGES

PRINTED BY ORDER OF
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1927



Ontario Department of Agriculture Statistics Branch

PART I—AGRICULTURAL STATISTICS

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, also the mean temperature for the six months, April-September, practically the growing season, together with the average for the five years, 1922-1926, and the forty-five years, 1882-1926.

Months	1926	1925	1924	1923	1922	1922- 1926	1882- 1926
	°	°	°	°	°	°	°
January.....	19.6	14.1	16.9	16.4	16.8	16.7	17.8
February.....	17.2	23.9	15.8	14.5	19.5	18.2	17.5
March.....	22.0	31.5	29.1	22.6	30.8	27.2	27.3
April.....	34.8	44.2	41.1	39.4	43.2	40.5	41.7
May.....	51.1	49.1	48.6	50.2	58.3	51.5	53.5
June.....	58.5	65.3	61.6	65.6	64.3	63.1	63.5
July.....	66.5	65.4	65.6	67.2	67.2	66.4	67.7
August.....	66.3	66.9	64.5	64.2	65.6	65.5	65.7
September.....	57.4	59.5	55.6	59.3	61.3	58.6	59.3
October.....	45.8	39.9	49.9	46.8	47.6	46.0	47.4
November.....	33.9	34.1	36.1	36.4	38.0	35.7	35.3
December.....	20.7	22.3	18.6	33.0	23.	23.6	23.5
Annual Mean.....	41.2	43.0	41.9	43.0	44.7	42.7	43.3
Mean for six months, April to September...	55.8	58.4	56.2	57.7	60.0	57.6	58.6

The mean temperature for 1926 was 41.2 degrees, or 1.8 degree colder than the preceding year, and 2.1 degrees below the normal of the forty-five years, 1882-1926.

The mean of the six growing months, April-September, was 55.8 or 2.6 degrees below the preceding year, and 2.1 degrees colder than the forty-five year normal. January and August were the only months that were above average, January with 1.8 degree being the highest, while all the others were below, ranging from 0.3 in February to 6.9 in April.

SUNSHINE.—In the following the averages of sunshine are derived from the records of the weather stations at Woodstock, Toronto, Lindsay, Kingston and Ottawa.

Months	Sun above horizon	1926	1925	1924	1923	1922	1922- 1926	1882- 1926
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January.....	285.7	55.5	81.5	66.0	70.9	109.4	76.7	77.4
February.....	291.4	94.4	86.4	125.5	104.3	100.4	102.2	104.2
March.....	369.9	166.4	128.7	134.4	139.4	162.6	146.3	145.6
April.....	406.4	178.5	225.1	183.3	181.8	181.3	190.0	181.9
May.....	461.1	262.6	189.4	192.0	271.5	236.0	230.3	214.3
June.....	465.7	249.4	268.3	241.8	255.6	228.5	248.7	248.5
July.....	470.9	282.1	251.6	289.4	270.4	298.8	278.5	268.5
August.....	434.5	187.1	274.4	252.0	265.9	256.0	247.1	240.3
September.....	376.3	137.1	136.3	157.3	166.5	218.0	163.0	183.5
October.....	340.2	112.1	116.6	204.9	159.4	160.8	150.7	139.7
November.....	286.9	60.5	90.2	91.2	72.7	60.7	75.1	78.0
December.....	274.3	66.3	58.6	59.6	58.7	78.8	64.4	62.5
For year.....	4,463.3	1,852.0	1,907.1	1,997.4	2,017.1	2,091.3	1,973.0	1,944.4
For six months, April to Sep- tember.....	2,614.9	1,296.8	1,345.1	1,315.8	1,411.7	1,418.6	1,357.6	1,337.0

The year 1926 had 1,852.0 hours of sunshine, 92.4 hours less than the average for the last forty-five years. The six growing months, April-September, had 1,296.8 hours, or 40.2 hours less than average. Four months were above and eight below normal. May had the greatest departure above with 48.3 hours, and August the greatest below normal with 53.2 hours.

PRECIPITATION.—The fall of both rain and snow for the five winter months, including November, 1925, and March, 1926, is given in the following table for five years, together with the average for the forty-five years, 1882-1926. Ten inches of snow is equivalent to one inch of rain.

Months	1926	1925	1924	1923	1922	1922- 1926	1882- 1926
November, 1925:	in.	in.	in.	in.	in.	in.	in.
Rain.....	2.52	0.96	2.16	1.25	1.08	1.59	1.93
Snow.....	5.3	6.2	4.2	5.1	11.7	6.5	7.2
December, 1925:							
Rain.....	0.66	0.94	2.04	0.47	1.39	1.10	1.27
Snow.....	13.8	13.8	8.6	14.2	12.9	12.7	15.2
January, 1926:							
Rain.....	0.54	0.03	1.61	0.35	0.33	0.57	0.90
Snow.....	17.4	18.4	24.0	20.9	14.1	18.9	18.9
February:							
Rain.....	0.54	1.56	0.09	0.11	0.89	0.64	0.73
Snow.....	16.0	10.0	20.9	12.9	16.2	15.2	15.8
March:							
Rain.....	0.82	1.67	0.58	0.80	1.21	1.02	1.18
Snow.....	18.0	11.4	5.4	18.1	8.0	12.2	10.7
Five months:							
Rain.....	5.08	5.16	6.48	2.98	4.90	4.92	6.01
Snow.....	70.5	59.8	63.1	71.2	62.9	65.5	67.8

The total amount of rainfall for the five months was 5.08 inches, or 0.93 inch below the average of the forty-five years, 1882-1926.

The total amount of snowfall was 70.5 inches, or 2.7 inches above normal. February was slightly above, 0.2 inch, and March 7.3 inches, were the only months to exceed their averages, the rest all being below.

The rainfall for the six months, April-September, comprising what is regarded as the growing season for most crops, is given in the following table covering the last five years, 1922-1926, and the normal for the forty-five years, 1882-1926.

Months	1926	1925	1924	1923	1922	1922- 1926	1882- 1926
	in.	in.	in.	in.	in.	in.	in.
April.....	1.53	1.18	2.05	1.81	3.22	1.96	1.86
May.....	1.47	1.53	3.52	2.85	1.86	2.25	2.74
June.....	3.28	3.52	2.37	3.13	3.47	3.16	2.80
July.....	2.72	3.48	3.47	1.99	3.50	3.03	2.83
August.....	4.10	1.77	2.78	2.75	2.31	2.74	2.68
September.....	4.12	4.11	4.11	2.54	2.34	3.44	2.73
Total for six months....	17.22	15.59	18.30	15.07	16.70	16.58	15.64

The rainfall for the six months, April-September, was 17.22 inches, or 1.63 inches more than the previous year, and in comparison with the forty-five years was 1.58 inches greater. Three months were below and three were above their respective normals, May, with 1.27 inches below, and August, with 1.42 inches above, had the greatest departures during the growing season.

STATISTICS OF FARM CROPS

Field Crops	Acres	Production	Bushels per acre	Market Value	
				Total	Per acre
		bush.	bush.	\$	\$ c.
Fall Wheat.....	807,015	20,988,030	26.0	26,262,506	32.54
Spring Wheat.....	115,497	2,166,054	18.8	2,708,690	23.45
Oats.....	2,831,755	95,722,130	33.8	49,615,846	17.52
Barley.....	449,095	14,447,174	32.2	9,823,171	21.87
Peas.....	97,865	1,880,301	19.2	2,831,588	28.93
Beans.....	51,721	819,166	15.8	1,913,221	36.99
Rye.....	86,355	1,501,390	17.4	1,309,840	15.17
Buckwheat.....	234,870	4,975,192	21.2	3,830,695	16.31
Flax.....	7,712	75,736	9.8	148,149	19.21
Corn (in the ear).....	179,325	10,329,439	57.6	5,529,069	30.83
Potatoes.....	153,468	16,496,290	107.5	18,627,771	121.38
Carrots.....	1,672	253,966	152.0	50,793	30.38
Mangels.....	34,009	13,548,484	398.0	2,709,697	79.68
Turnips.....	71,500	23,204,013	325.0	4,640,803	64.91
Sugar Beets.....	41,594	18,831,084	453.0	3,766,217	90.55
Mixed Grains.....	770,981	28,577,629	37.1	18,697,998	24.25
		Tons			
Corn (for silo), green.....	367,772	3,497,071	9.51	15,736,820	42.79
Hay and Clover.....	2,889,143	4,248,048	1.47	54,154,454	18.74
Alfalfa.....	748,473	1,850,392	2.47	25,889,781	34.59
Alsike.....	129,477	179,664	1.39	2,217,556	17.13
Sweet Clover.....	365,102	810,852	2.22	7,222,221	19.78

The acreages devoted to other crops in 1926 were as follows:—Orchards, 215,779; strawberries, 7,274; vineyards, 7,545; other small fruits, 13,672; summer fallow, 189,488; pasture (cleared), 3,077,424.

TOBACCO.—It is estimated that 19,992 acres were grown in tobacco in 1926 yielding 25,557,724 pounds, or 1,278 per acre. Of this Essex had 9,213 acres, 11,682,084 pounds or 1,268 per acre, and Kent had 9,355 acres, 12,591,830 pounds or 1,346 per acre.

RAPE.—The estimate for 1926 was 22,594 acres of which 7,422 are in Wellington; 2,929 in Grey and 4,592 in Dufferin.

SPRING SOWING AND VEGETATION

All preparations for sowing as well as conditions of vegetation were affected by unusual weather during the whole of the 1926 season, so that it went on record as an exceptionally wet year. Seeding and cultivation began well enough, but were soon set back by the climate. Winter had made a heavier than usual call upon all kinds of fodder, livestock having been stabled early and kept in late. The actual growing season was relatively shortened for farm operations and was also capricious and slow, developing as the months passed into a decidedly backward harvest. The outstanding feature of the crop year appeared in the ability of the farmers to make the most of the conditions facing them. Though behind with operations they were not discouraged by an existing situation or by uncertain prospects for the time ahead. A great deal of plowing had, of necessity, to go over until the spring of 1927; but broadly speaking, the job of maintaining the area of sowing and vegetation was well attended to in every section of the Province. The season afforded no slight proof of strength in the structure of agriculture in Ontario and generally sound practice of Ontario farmers in every department of production.

The crop most injured was corn, and that mainly from the ravages of the European borer, very few cheerful references appearing, so far as reports dealt with this particular crop. There is no question that the farmers of the Lake Erie district are going out of corn-growing on an appreciable scale, and that their alarm is spreading among corn-growers of the entire Province. Tobacco-growing in special areas and other crops generally are receiving some of the attention formerly devoted to the fight against the European corn-borer, in the final issue of which strong hope has had partial suspension so far as the actual cultivators are concerned.

With regard to old alfalfa meadows, oats, barley, peas, beets and some other crops, the injuries of the season were in the main traceable to weather conditions. Spring crops were put in by special effort towards acreage, and fairer prospects of improving conditions for the spring were entertained.

THE GRAIN CROPS

FALL WHEAT.—Bulletin 166 (April, 1926) indicated a late start for the wintering crops. Of a full acreage of fall wheat put in, a good deal had a rather small top when overtaken by winter. Snow covered the ground normally and but little actual winter injury was to be complained of. Fall wheat, in fact, came through in the condition it had attained at the beginning of November. It was because much seeding had been done late that the weather of April proved so trying to fields with too light a top for wintering. Correspondents found that

on low lands the April weather brought in evidence more than usual effects of ice and water; this along with some heaving of heavy soils. Injury to the young plants from both sources was placed from 20 to 30 per cent. Estimates of the crop plowed up ran about 10 per cent. of the whole, replaced by barley or other grains. The reports showed comparatively little injury from insects. Taking the Province of Ontario all in all, the spring was a backward one after one warm spell.

The August Bulletin reported excess rain in the ripening stage of the crop, as well as in the late season and added: "A common feature of harvesting was more than the average percentage of sprouting." Notwithstanding this factor, the volume of grain was reported fair or good in the principal fall wheat districts. Not a few cheerful reports came out of the middle belt of the peninsula, whilst counties fronting Erie, Ontario and Huron had varying conditions to cope with. Indications of smut and rust were of more than usual occurrence. Those who delayed threshing got wet shocks and a good deal of wheat stood in the fields a long time. The earlier threshing reports gave reassuring results with exceptionally fine yields in places. The Lake Ontario section had a fair crop taking the weather into account. With uneven conditions in ripening very much in evidence the quality of grain was up to the average and early harvesting, wherever practical, realized the most satisfactory results. York County sent in reports of good average yield. As harvesting became general, the prevailing weather showed no improvement and in November an exceptionally wet year was acknowledged from every section of the Province. In such a season the outstanding feature of the cereal harvest was the relatively high quality of the fall wheat, many sections sending in reports of excellent quality. On the whole, though short in quantity, the crop was fair for so wet a season. Dawson's Golden Chaff, and O.A.C. 104 are varieties in highest favour over the entire Province. O.A.C. was an average crop of wheat wherever ground had been prepared in good time. Late wheat was discoloured by exposure to frequent rain

THE NEW FALL WHEAT.—In the December Bulletin the following appeared: "Despite unfavourable weather the new fall wheat sown in 1926 will be close to the 1925 sowing. Especially where ground was prepared the seed was sown in good time and under more favourable conditions, but where ground was plowed after harvesting, wet weather interfered as a general condition with operations. Conditions of the ground at seeding time in different sections of the Province were reported in the whole excellent for growth with plenty of moisture, so that the crop, before the snow fell, looked in thrifty condition for winter. The leading fall wheat counties were well prepared for early operations.

SPRING WHEAT.—The December Bulletin reported spring wheat below normal in sample, generally speaking, but in the northern areas a good crop. Severe injury was reported from rust. The area sown, as well as the yield, apparently decreased. The total yield was noticeably under 1925.

OATS.—This crop was in most sections light to fair in the best, showing damage by rain after cutting and considerable wastage from weather conditions. The grain was good in quality but under weight.

BARLEY.—Heavy and frequent rains at harvest damaged a crop of excellent early promise. Particularly unfavourable conditions overtook the late seeding.

RYE.—What rye was raised for grain was damaged as much as other crops, whilst the weather was not at all favourable for cutting green or plowing under. Even in a normal year the crop would not be in line for an increase in point of acreage.

PEAS.—The crop of peas was a good one for the acreage sown. Some of the central counties reported returns better than in the preceding year. Prices were good and the canning centres experienced satisfactory results from all but the late peas which were damaged by rain.

BUCKWHEAT.—Buckwheat, owing to the character of the weather, suffered in a marked way, being exposed to some frost, as well as rain. The stooks in many sections stood in the fields in December.

CORN.—The December Bulletin reported seed corn, even in some of the best districts, badly damaged by weather. When correspondents were reporting in November few of them omitted mention of injury from the European corn-borer. Consequently, as the Bulletin stated, "silo-filling was late all over the Province, as well as in the western peninsula, and some districts reported 50 per cent. of corn uncut in mid-November."

Several correspondents agreed in the same opinion that corn will be neglected if the borer cannot be controlled. Some places will be left distinctly short. Ensilage was not of satisfactory quality, whilst the work of harvesting was labourious and slow, a lot of corn being cut by hand and silo-filling made a veritable problem.

TOBACCO.—Though reduced in value by weather conditions mainly, the tobacco crop was judged very good, excellent flue-cured tobacco being reported. An increased acreage was the feature of the season, the County of Elgin being prominent in its appreciation of tobacco growing.

BEANS.—The crop filled out early and looked promising, but later in the harvest season suffered severely from rain. Unfavourable conditions for harvesting prevailed all over Kent, Welland and Elgin. Huron County growers were not as badly hit as those along Lake Erie, where very early beans came through without heavy injury.

HAY AND CLOVER

The winter of 1925-26 was not only long but spring was reluctant and vegetation slow. Pastures were much less advanced than usual in May, and it was obvious at the start that meadows would be the source of some anxiety to the farmers. The advancing season turning out wet, brought better than average results in the long run.

CLOVER.—There had been considerable heaving of clover, especially on old fields with ice and water in low-lying land, occasioning additional injury. But the haying season was favourable and correspondents reporting in regard to it described an extra good crop that went into the barns well secured.

CLOVER SEED.—The December Bulletin said: "Wet weather injured clover seed fields of all kinds and made it practically impossible to harvest the seed crop over large territory. A considerable diminution in the usual quantity of red clover seed was estimated. First crop alfalfa was saved with but slight damage by rain in some sections. The crop in Peel was excellent as to quality.

ALFALFA.—The indications in May were that more alfalfa was being grown instead of red clover, and had done much better than red clover. New seeding came through the winter far better than the old fields. Conditions at cutting time, especially of early crops, were reported very good. Two cuttings in Peel yielded three tons to the acre. In December, a Peel County correspondent said: "Alfalfa was a splendid seed crop though delayed and slightly damaged by rain. The average yield was about $7\frac{1}{2}$ bushels. The year's catch was good."

ALSIKE.—Alsike yielded about 60 per cent. of the average, and generally was of good quality. Some yields are reported especially good. Sixty to seventy thousand dollars' worth of alsike was sold in the Kenora district.

SWEET CLOVER.—This crop, like alfalfa and alsike, had the season's chances to contend against, and some contributors of information to the May Bulletin impressed that it was losing favour in respect to value as fodder and for seed.

POTATOES AND FIELD ROOTS

POTATOES.—In August the Bulletin said: "The crop taken out of the ground early was fair, showing practically no injury. It found a good market and brought satisfactory returns. Reports of later varieties were less favourable by reason of weather conditions. The crop in the whole withstood very well both excessive rains and menace of rot. The acreage planted was below normal with increases noticeable in some seed-growing sections. From northwestern fields early reports were excellent, although the weather held dry while the tubers were forming. Less injury than usual from blight was the general report. The later reports showed the tubers to have grown well but absorbing moisture developed rot to a serious extent. Farmers who tried to grow potatoes in heavy land left fields undug, but in light land the crop in many places was good. Everywhere the wet weather worked more or less injury."

TURNIPS.—In August extensive injury was manifest both from weather conditions and the turnip fly, damage amounting to practical failure being reported from some sections. Fields were plowed up and it was only here and there that fair accounts came through. In December it was admitted that turnips had suffered most in the 1926 list of root crops.

MANGELS.—Conditions were more favourable for mangels, and these extended over the whole Province. Growth from the start was excellent and in December it was ascertained that the crop would be a dependable factor of feeding in winter, which came in with suddenness and definitely. The yield of mangels was little below the average, if anything, and the quality proved good. All roots had been lifted and stored by November 20th.

CARROTS.—Decreased attention appeared to have been given to this crop which gave an over average yield where grown. At pulling time the ground was not in favourable condition as a rule, but in Lincoln County the crop was taken up about the usual time and was better than average quality.

SUGAR BEETS.—Early conditions, as observed, were favourable to the crop, although inadequate moisture was experienced in the first stages of growth. Conditions were consistently fair through the season, and at harvesting the average returns ran twelve tons to the acre, particular fields giving heavier yields. Some reports were of an under-average sugar content, but in the main the character of the crop was satisfactory, though somewhat behind in time of delivery. An East Kent correspondent reported 50 per cent. of beets delivered by the middle of November.

MISCELLANEOUS FEATURES

FLAX.—Merchantable flax seed was around 80 per cent. of the season's production.

FALL PLOWING.—Seldom have the farmers of Ontario experienced a year of greater necessity in every section of the Province to let plowing go over till

spring. But a tremendous effort was put forward to keep the acreage undiminished against heavy odds in the way of rain and the falling in of an early winter.

THRASHING AND MARKETING.—For wheat threshed by mid-October marketing was rapid. Other grains with the exception of oats, which were very light, proved fair in yield and any small surplus available could be promptly sold. Most was kept for feeding. Buckwheat, beans and clover were late in threshing and considerable buckwheat remained in the shock. About 80 per cent. of oats and barley was threshed in good time, and these grains are not marketed. The final estimates of the year indicated that a considerable quantity of screenings would be bought for feeding hogs and cattle.

FARM IMPROVEMENTS.—The years 1925-26 were noted for the amount of improvement being done around the farms, and farm buildings of the Province. The year 1926, said the December Bulletin, proved more than any of its predecessors, the case for drain tiling, but on account of the prevailing weather little tiling could be actually taken in hand.

FRUIT.—The April Bulletin stated: "All classes of fruit have come through with comparatively small injury from winter weather." Some damage was done in places by ice storms, and owing to the steady covering of snow, field mice and rabbits did considerable girdling of young fruit trees. Correspondents estimated that greater harm had been done by mice. A promising showing of buds on the fruit trees, and no complaints regarding small fruit bushes and vines. The slow spring, however, put blossoming back about two weeks and some reports told of winter-killing of peach buds in the Lake Erie and Niagara sections. Other discouragements developed as the season progressed and the August Bulletin made it plain that apples would be below the average in the best orchard districts. Cold weather, late frost and heavy winds had done the damage in the orchards. Spies were quite scarce in the market, as well as other winter apples. Norfolk correspondents sent the most favourable reports received, opinion there claiming 75 per cent. of the average crop. All the commercial varieties of apples were short of the demand, and only modest claims were made for Huron County, which, along with the Georgian Bay district, gave some fair returns. The Duchess gave a good account of itself in a poor year. Late varieties gave the smallest returns, or about 25 per cent. of the normal crop. The late harvest reports were that the Ontario apple crop had left the local market poorly supplied with winter varieties and imported apples were selling in the fall in unusual quantities.

Pears were produced in comparative plenty, in view of the general conditions of the season, but not an average yield.

Plums were a heavy crop, the Niagara peninsula furnishing a supply quite ample for all local demands.

Peaches were late in ripening and were light in yield, estimated from 25 per cent. to 50 per cent. of the average Niagara production. Rough winds, lingering cold in the early season, and some frosts in the blossom time handicapped the general crop; but peaches, when they came on the market in restricted supply, were of good quality.

Cherries were plentiful and rapidly marketed.

Grapes, generally a reliable crop, had given good promise in the early stages of growth, but the broken and cool weather retarded ripening and the fruit did not make its appearance on the market till the end of September. The closing weeks of the harvest season were quite as disappointing.

Blueberries from the north remained long upon the market and were of excellent quality.

Strawberries were late and patchy and the market for them was to an unusual extent spoiled.

LIVE-STOCK

Live-stock wintered quite fairly and prices were good throughout the year. The April Bulletin stated that an unusual call upon all kinds of fodder marked the rather long 1925-26 winter. Cattle, however, were maintained in good condition. Dairy cattle, horses, swine and sheep all showed successful husbandry for an exacting year. Hay was practically exhausted by the time the new crop became available, and there was not more than a sufficiency of oats. Silage, under the labourious circumstances of silo-filling, held out remarkably well, and the usual quantity of mill feeds and concentrates was not exceeded. But lingering winter conditions obliged many farmers to turn their animals in pasture before the covering was very inviting. Prices of horses kept up especially for draught animals. Milk flow was reported excellent through the summer months and was not checked by the later conditions of pasturage described in dairying sections as the best ever known. With the approach of winter, again the conditions were at their best and livestock everywhere came off the pastures very fit. In some low pastures the herbage had been soft and poor in feeding value by reason of much rain; but the common experience of the season had been that stock were never in better condition to meet the winter. In old Ontario winter appeared definitely settled at the beginning of December, and in Northern Ontario snow-falls and low temperatures had occurred earlier than usual. Ample rough forage and other feed to carry the stock safely to springtime were reported. Oats, the principal grain for feed, had turned out light and farmers were buying wherever they could at 50c., 65c., and 80c. a bushel. Several localities reported need for oats in considerable quantity. The abundant store of roughage was credited to the popularity of alfalfa and the high relative yield of hay. Mill feed and corn were being purchased to make up for anticipated deficiency. Only among neighbours was grain to be sold and surplus alfalfa hay was available at reasonable prices. For cattle and hog feed grain was \$2.00 per cwt.

Prices throughout the year indicated sound trade conditions in regard to nearly all classes of livestock. In mid-November quotations were: Hogs, \$10.75 per cwt.; calves, \$11 and cattle \$5.50 and \$6.00; sheep, \$6.00 to \$7.00; lambs, \$9.00 to \$10.00. Sheep and lambs seldom had gone into winter quarters better looking. Choice butchers' steers and heifers brought from \$6.00 to \$6.50; common, \$4.75 to \$5.00. Fat cows were sold at \$4.50 to \$5.00, and common, \$3.25 to \$3.75. Demand for canners was from \$2.00 to \$2.50. Baby beefs sold around \$11.00 to \$11.50 and choice feeders, \$5.75 to \$6.00. Quotations for hogs went to \$10.00 and \$11.00 live weight, and \$12.00 to \$13.00 for select bacon. There was no sign of depression in the livestock market up to the end of the year.

DAIRYING.—A stable situation is stated to have marked the leading farm industry of the Province through the year. Cheese prices were low because of the situation in Britain, but some signs were becoming visible of improvement in the affairs of the working classes of England. The average fall in price was from 5c. to 6c. Butter, on the other hand, brought fair prices in the home market and there was not much for export. Betterment in quality and uniformity were marked from the beginning of the year, and the tendency of prices to rise with

the coming of fall was well asserted in face of large production. Correspondents both in Western and Eastern Ontario referred with satisfaction to the effects of experience in cream grading. No outstanding features were described in regard to dairy herds, and Holsteins hold the place of favourites. Too many farmers in all sections of the Province are milking cows giving low-per-day yield. Correspondents generally incline to the opinion of steadily improving outlook for butter. Flow of milk and price arrangements with dairies in the principal cities of the Province were not complained of during the year.

POULTRY.—Poultry raising gained perceptibly in the course of the year. The general turn of comment upon this industry was favourable. Returns are profitable both from eggs and dressed poultry. Farmers are resorting in marked numbers to the practice of obtaining chicks from poultrymen with large incubators and this has its effect in the increase reported in farm flocks. Turkeys were reported to have done rather badly owing to the wet weather, and the demand for Ontario turkeys was not fully supplied. Distinctly favourable comment has been the rule in regard to egg grading. It has stimulated the domestic market more than was anticipated, and under its influence Ontario eggs are advancing into higher favour all the time.

FODDER SUPPLIES

The experience of the year, except for rough fodder, impressed the farmer with the necessity for large provision of oat supplies. It is to be concluded from the remarks of correspondents that the proportion of oats must be increased very considerably to be adequate. The shortage of 1926 is not likely to be incurred again. What is happening to the corn crop is another reason for placing more dependence upon oats. It is likely that all fodder supplies planned for will be fed on the farm. Activity in the dairying line under any circumstances would mean a shortage of some grains in certain dairying districts, and as there was no fodder or grain for sale in the late winter, replenishing of supplies became a pressing order with farmers generally. Quite as many cattle are being fed, and whilst economy had to be systematically practised in 1926, one of the lessons of the winter was of vigilance concerning the immediate future. According to the August Bulletin, farmers were then thinking of increasing their stock in prospect of an easy winter, which, as events turned out, was a rather sanguine view. Oats fell very short in supply, and it is inevitable that this is to be the principal line by which farmers have decided to lay up supplies. The fact that turnips were a partial failure is calculated to turn increased attention to the supply of roots.

LABOUR AND WAGES

According to the April Bulletin the more or less chronic scarcity of labour was not pressing, except in regard to skilled labour, which correspondents were united in describing as very hard to get. Domestic servants were also scarce as ever. Labour wages ranged from \$25 to \$40 per month, with board, averaging \$33 by the month and \$2 by the day, or a little higher, some men holding out for \$2.75 and \$3. Yearly rates for single men ran from \$250 to \$350, according

to ability. It was noted that married men are not so much in favour as helpers as formerly.

The August Bulletin also voiced less complaint of the supply of farm labour and more as to the quality of the help offered. The per day rate paid was \$2 to \$3, according to ability and the needs of the locality. During the heavy haying time, labour was scarce in more remote localities. Close to large centres, as in York County, \$35 to \$50 a month, with board, was paid. Year-round contracts are not in the increase, though wages from \$300 to \$325 are obtainable. The class of immigrants offered as farm help are, as a rule, inexperienced or have a lot to learn concerning the Ontario farm. Men coming from Scotland appear to be suited to the needs of the average employer, are best adapted to social conditions, and generally give satisfaction.

Some of the remarks of correspondents point to striking uniformity of farm experience with labour: "The Government would be in a good work training agricultural workers on a farm in each township for a year or more" "Farmers are largely doing without help." "Immigrants have been helping Ontario to some extent, though not equal to home help." "Some married men are being paid \$75 a month with house, garden, milk and wood." "There is strong demand for experienced men, especially those who can milk." "Immigration of family units should be tried." "A steady immigration policy with more careful hand-picking of immigrants." "Farmers should sell some of their land to immigrants with money." "Too many farmers hire for summer and allow their help to go in the fall." "Good horses are spoiled by green help sent to the farmers." "Those only have satisfaction who keep their help the year round." "There should be the freest admission of farm labour from the old land." "Farm help is absolutely essential." "We want Scotch and Irish help, both male and female." "The Scottish and Danish immigrants have proven the most satisfactory." "A logical plan to follow would appear to be that all immigrants designated for the farms of Ontario should receive a special training before being hired out."

A phase of the situation deserving of attention is the tendency of an apparently increasing number of farmers to dispense with hired help because of the difficulty of obtaining it and its uncertainty when hired. This is indicated by correspondents from practically all the counties of the Province: "Farmers are largely doing without help and procuring more modern machinery." "A number intend to get along without hiring help, doing what they can themselves and seeding down a considerable acreage to grass." "Farmers who have help of their own are gaining, but those who have to hire are at a standstill." "Much farm land will go without a crop." "Farmers will get along alone rather than increase wages." "Farm conditions do not warrant any raise of wages." "Art and science are lessening muscle work."

The boy labour problem is not altered from what it has been, although a more satisfactory note is often struck in the comment upon it. Thus: "The Salvation Army in Woodstock has done much to help farmers in this section." "Boy scheme is O.K. but here also handpicking is desired."

The Ontario farmer is prone to depend on family help to the furthest possible extent. The female domestic is becoming unknown on the farms of the Province, and there is a general demand for her class with but slight chance of having it responded to. Indeed, as time goes on this phase of the farm help problem grows more difficult. On the farms near enough to towns the situation is without much hope. A Victoria County correspondent declares: "Female help is out of the question."

TEMPERATURE, 1926

TABLE I.—Showing for each month the highest, lowest, mean daily range, and mean temperature at the principal stations in Ontario for 1926; also the annual mean for each station.

Months	Southampton	Chatham	London	Woodstock	Stoney Creek	Toronto	Lindsay	Beatrice	Ottawa	MontrealRiver
January:										
Highest.....	42.0	49.0	42.0	40.0	44.0	45.6	38.5	37.0	38.0	40.0
Lowest.....	-6.7	-4.0	-8.0	-6.4	-2.0	-5.2	-21.0	-30.1	-23.0	-39.0
Daily range.....	11.1	12.3	12.1	11.7	14.0	12.1	18.1	19.0	16.4	31.6
Monthly mean.....	22.0	24.2	20.6	21.5	25.4	24.8	18.6	16.2	14.5	7.7
February:										
Highest.....	38.5	43.0	41.0	41.5	42.0	40.3	37.7	36.0	37.0	37.0
Lowest.....	-7.7	-4.0	-5.0	-6.0	0.0	1.0	-15.0	-22.0	-16.5	-33.0
Daily range.....	16.4	14.2	14.5	13.7	16.7	13.4	20.5	21.9	20.0	32.5
Monthly mean.....	17.1	25.8	21.1	19.0	22.0	21.0	14.7	12.6	13.9	5.1
March:										
Highest.....	44.5	54.0	50.0	46.5	45.0	47.8	46.0	44.0	46.5	48.0
Lowest.....	-14.1	6.0	-5.0	-4.5	1.0	-1.1	-14.2	-14.0	-10.7	-30.0
Daily range.....	17.4	16.7	16.1	12.2	12.0	11.9	20.4	18.5	18.7	31.4
Monthly mean.....	19.6	29.0	25.7	23.0	26.5	26.1	19.0	17.7	21.8	11.4
April:										
Highest.....	72.3	77.2	76.4	74.3	76.6	71.3	74.0	70.9	73.5	72.6
Lowest.....	8.9	18.0	16.0	14.0	17.0	15.6	6.0	-3.0	11.0	-9.0
Daily range.....	16.6	19.8	19.1	17.1	16.1	15.9	19.0	19.6	17.6	25.6
Monthly mean.....	31.9	40.7	37.9	36.0	38.6	37.4	33.2	29.2	34.6	28.4
May:										
Highest.....	76.2	84.0	85.0	80.0	85.0	80.0	82.1	80.0	82.0	90.0
Lowest.....	24.1	26.0	29.0	24.6	29.0	28.9	24.8	20.0	28.5	13.0
Daily range.....	21.5	25.7	28.0	24.2	23.9	20.3	28.2	27.8	23.1	32.8
Monthly mean.....	46.7	55.5	54.2	52.0	51.6	52.8	51.8	48.3	52.4	45.8
June:										
Highest.....	76.5	89.0	87.0	81.5	86.0	83.4	85.8	78.0	85.0	86.0
Lowest.....	31.5	39.0	37.0	36.5	34.0	34.5	30.0	40.0	44.0	27.0
Daily range.....	20.3	21.7	23.6	20.5	23.1	20.9	35.3	24.0	22.8	34.2
Monthly mean.....	54.0	63.9	61.0	58.5	59.4	59.8	57.6	55.3	60.5	54.3
July:										
Highest.....	89.8	99.0	97.0	91.2	95.0	91.3	89.5	87.0	88.0	91.0
Lowest.....	40.9	50.0	44.0	43.7	41.0	46.2	40.4	39.0	46.5	37.0
Daily range.....	23.2	23.5	25.2	21.4	23.1	20.0	26.4	26.5	21.5	33.3
Monthly mean.....	63.2	72.7	69.2	66.1	66.6	67.8	66.4	63.0	67.4	62.1
August:										
Highest.....	82.5	94.0	90.0	85.0	88.0	86.0	87.0	83.0	86.0	91.0
Lowest.....	43.9	48.0	43.0	45.0	45.0	50.0	41.6	35.0	46.5	30.0
Daily range.....	17.4	20.1	19.6	15.8	16.4	15.8	21.1	20.2	19.1	31.2
Monthly mean.....	63.9	72.5	68.9	66.8	68.1	68.5	65.6	62.4	66.6	59.8
September:										
Highest.....	75.5	86.0	85.0	78.0	80.0	79.8	77.3	76.0	84.0	73.0
Lowest.....	34.6	34.0	36.0	35.0	36.0	35.6	30.2	28.0	33.5	21.0
Daily range.....	16.3	18.7	18.8	15.2	15.5	15.6	20.5	18.7	19.0	26.4
Monthly mean.....	56.1	64.6	60.8	58.3	59.4	59.0	56.3	52.9	57.3	49.7
October:										
Highest.....	84.2	84.0	81.0	79.8	83.0	79.2	74.0	80.0	79.0	81.0
Lowest.....	25.1	29.0	27.0	27.5	30.0	30.2	22.0	18.0	25.0	15.0
Daily range.....	13.4	17.0	16.4	14.2	16.2	14.2	22.1	15.9	17.4	21.0
Monthly mean.....	45.5	51.1	47.2	45.7	47.2	47.2	45.9	41.6	45.5	41.1
November:										
Highest.....	61.5	66.0	59.0	63.0	68.0	63.2	62.5	59.0	62.8	51.0
Lowest.....	12.7	18.0	7.0	12.8	17.0	15.0	7.1	2.0	1.5	-23.0
Daily range.....	11.6	14.2	12.7	12.1	14.2	11.6	15.8	16.1	15.1	21.3
Monthly mean.....	35.0	39.1	35.8	34.5	37.7	37.4	32.7	30.3	32.7	23.5
December:										
Highest.....	43.5	48.0	45.0	45.3	46.0	43.0	40.6	38.0	36.0	39.0
Lowest.....	-2.7	5.0	-4.0	-3.0	-2.0	-3.1	-13.5	-22.0	-9.5	-29.0
Daily range.....	11.2	12.3	12.7	11.5	15.2	12.3	16.6	17.5	14.4	29.6
Monthly mean.....	22.2	26.5	27.8	21.0	23.9	24.0	17.8	16.3	15.5	11.8
Annual mean.....	39.8	47.1	44.4	41.9	43.9	43.8	40.0	37.2	40.2	33.4

AVERAGE TEMPERATURE FOR FORTY-FIVE 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 forty-five years, 1882-1926; also the annual mean at each station for the same period.

Months	Southampton	Chatham	London	Woodstock	Stoney Creek	Toronto	Lindsay	Beatrice	Ottawa	Montreal/River
January:										
Highest.....	44.1	46.0	45.7	45.4	49.2	45.1	41.3	40.7	40.1	37.9
Lowest.....	7.4	7.8	9.4	10.4	5.0	7.2	20.4	27.5	21.6	33.9
Daily range.....	14.6	12.3	15.2	15.8	14.6	14.6	18.1	20.5	18.0	24.0
Monthly mean.....	20.7	21.8	21.4	20.1	24.5	22.4	15.8	14.0	11.2	6.3
February:										
Highest.....	43.6	48.3	46.2	45.1	47.6	44.9	41.7	41.9	40.0	40.9
Lowest.....	11.6	8.5	10.6	11.0	5.9	7.1	17.9	26.8	20.2	33.8
Daily range.....	16.7	13.9	16.7	16.5	15.4	15.2	19.6	22.1	19.0	24.1
Monthly mean.....	18.8	21.0	20.5	19.3	22.7	21.3	15.5	13.6	12.6	9.5
March:										
Highest.....	54.7	59.5	59.6	56.8	60.1	56.8	53.0	51.5	50.1	50.6
Lowest.....	2.6	0.9	0.3	0.3	5.5	4.2	6.6	12.7	8.0	22.6
Daily range.....	17.0	15.3	17.8	16.8	15.2	14.7	18.9	21.0	17.7	25.3
Monthly mean.....	26.5	30.5	30.1	28.4	32.4	30.1	25.8	23.7	24.6	20.4
April:										
Highest.....	72.3	77.2	76.4	74.3	76.6	71.3	74.0	70.9	73.5	72.6
Lowest.....	15.5	18.7	18.2	17.3	20.3	20.7	13.7	10.0	15.1	5.2
Daily range.....	17.7	18.5	20.8	19.9	17.4	16.8	21.2	21.2	19.3	24.1
Monthly mean.....	40.3	44.0	43.4	42.3	44.0	42.8	41.5	39.2	41.3	38.1
May:										
Highest.....	79.6	83.4	83.2	80.5	84.3	80.1	82.6	80.8	82.8	84.4
Lowest.....	28.4	29.6	29.2	29.0	32.8	31.9	27.7	26.3	31.0	19.4
Daily range.....	19.5	21.3	23.2	21.8	20.4	19.3	24.1	23.2	22.0	26.3
Monthly mean.....	50.8	55.3	55.2	53.5	54.4	53.9	53.8	51.9	54.8	51.5
June:										
Highest.....	85.1	89.0	89.4	86.6	91.1	87.8	88.9	86.6	88.3	89.9
Lowest.....	37.4	38.4	38.1	38.5	41.2	42.2	38.2	35.7	41.7	33.5
Daily range.....	19.9	22.0	23.6	22.3	21.5	20.4	24.9	24.4	21.6	27.3
Monthly mean.....	60.5	65.2	65.0	63.4	65.2	64.2	63.6	62.0	64.6	61.6
July:										
Highest.....	87.4	92.9	92.6	89.5	92.6	91.4	91.7	89.3	91.1	91.8
Lowest.....	43.9	44.6	44.2	44.5	48.0	48.7	43.9	42.3	48.1	40.2
Daily range.....	20.1	22.2	23.4	22.5	21.5	20.5	24.8	23.4	20.8	25.7
Monthly mean.....	61.2	69.7	69.4	67.7	71.0	69.3	67.9	66.4	68.9	65.6
August:										
Highest.....	86.0	91.1	91.1	88.3	92.9	89.1	90.0	87.8	88.9	88.5
Lowest.....	41.9	43.0	41.0	41.6	55.5	46.4	40.4	37.9	43.8	36.9
Daily range.....	18.2	21.2	23.7	23.2	21.3	21.8	24.4	23.2	20.9	25.0
Monthly mean.....	64.6	67.6	66.9	65.1	68.8	66.2	65.5	64.0	66.2	62.5
September:										
Highest.....	84.1	87.7	87.0	84.6	89.2	85.4	85.6	83.1	84.4	83.4
Lowest.....	34.4	34.9	32.3	32.3	36.1	36.7	31.6	30.2	33.3	29.0
Daily range.....	18.1	19.9	22.4	21.4	20.4	18.7	22.9	21.5	20.4	23.4
Monthly mean.....	59.1	61.6	60.7	59.1	62.4	60.6	58.4	57.4	58.3	55.2
October:										
Highest.....	74.2	76.6	76.1	74.2	77.4	73.6	74.1	72.3	72.0	73.1
Lowest.....	26.0	26.0	24.2	24.2	26.6	27.2	21.6	21.2	24.5	18.0
Daily range.....	16.0	17.3	20.1	18.9	18.8	16.6	19.9	18.9	17.6	19.6
Monthly mean.....	48.1	49.7	48.5	47.7	50.4	48.7	46.3	45.6	46.0	43.1
November:										
Highest.....	60.9	63.0	61.9	61.0	64.9	60.4	59.2	58.3	58.0	55.1
Lowest.....	14.6	14.9	13.5	12.5	17.6	15.9	6.8	6.3	7.4	1.0
Daily range.....	13.1	12.5	14.6	14.4	14.0	12.8	15.1	14.5	12.4	15.0
Monthly mean.....	36.8	37.6	36.8	35.6	39.3	37.6	33.7	33.1	32.8	29.2
December:										
Highest.....	49.3	49.8	52.5	49.2	53.4	48.9	45.7	44.8	43.0	43.2
Lowest.....	0.8	0.5	1.7	2.8	0.7	0.4	12.8	15.4	14.7	25.0
Daily range.....	12.5	10.7	13.4	13.4	12.8	12.6	15.9	17.2	14.7	19.3
Monthly mean.....	26.7	26.8	26.4	25.0	28.9	27.4	21.3	20.2	17.8	14.0
Annual Mean.....	42.9	45.9	45.3	43.9	47.0	45.4	42.4	40.9	41.6	38.1

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 1926, 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:					NORTHUMBERLAND:				
Franz.....	23.25	58	128.5	49	Healy Falls.....	24.89	79	68.6	35
Kapuskasling.....	9.48	48	109.9	58	OXFORD:				
Steep Hill Falls.....	30.17	76	229.5	93	Woodstock.....	32.00	108	64.3	65
Michipicoten.....	25.31	63	155.3	52	PARRY SOUND:				
BRANT:					Magnetawan.....	20.21	81	153.5	78
Brantford.....	34.49	109	61.1	46	Nipissing.....	17.68	77	111.6	55
Paris.....	38.91	102	70.6	40	Parry Sound.....	24.28	98	137.9	71
BRUCE:					PEEL:				
Southampton.....	29.09	105	120.6	86	Alton.....	23.25	78	99.3	46
Warton.....	24.38	67	182.0	60	PERTH:				
CARLETON:					Stratford.....	33.39	93	125.9	58
Ottawa.....	22.14	94	113.7	80	PETERBOROUGH:				
DUNDAS:					Aspley.....	32.59	111	112.3	58
Morrisburg.....	29.60	63	148.3	56	Peterborough.....	25.76	95	102.6	58
DURHAM:					PRINCE EDWARD:				
Orono.....	31.04	87	59.1	37	Bloomfield.....	26.44	80	99.5	35
ESSEX:					RAINY RIVER:				
Harrow.....	30.88	73	68.9	32	Emo.....	17.85	57	75.0	45
Leamington.....	30.53	73	53.3	24	Fort Frances.....	18.80	57	90.6	40
Pele Island.....	36.04	77	63.0	29	Kenora.....	21.32	37	98.0	42
Windsor.....	28.87	77	47.5	34	Mine Centre.....	21.90	70	98.0	83
ELGIN:					Sioux Lookout.....	17.37	53	92.5	44
St. Thomas.....	37.33	108	44.2	31	RENFREW:				
FRONTENAC:					Clontarf.....	18.31	56	107.6	48
Kingston.....	31.87	106	63.5	52	Pembroke.....	21.99	82	103.9	51
GREY:					Renfrew.....	23.18	82	84.2	35
Eugenia.....	19.75	66	93.5	45	SIMCOE:				
HALTON:					Orillia.....	25.73	103	102.1	62
Georgetown.....	31.84	79	52.7	33	SUDBURY:				
HASTINGS:					Chapleau.....	23.57	67	115.7	51
Belleville.....	28.08	87	52.8	30	Coniston.....	20.37	68	80.3	43
Queensboro'.....	20.74	84	116.0	38	Sudbury.....	17.55	79	97.5	55
Trenton.....	28.36	81	83.2	37	Timmins.....	15.84	65	72.7	61
HURON:					THUNDER BAY:				
Clinton.....	29.32	76	70.6	27	Kakabeka Falls.....	23.26	84	88.5	50
Goderich.....	25.74	101	82.1	47	Kaministiquia.....	20.23	72	96.0	64
KENT:					Port Arthur.....	23.81	71	63.4	60
Chatham.....	30.85	74	69.5	32	Savanne.....	21.94	76	95.5	54
Ridgetown.....	34.30	81	69.0	28	VICTORIA:				
LANARK:					Fenelon Falls.....	33.18	96	122.5	68
Dalhousie Lake.....	26.00	105	131.5	47	Lindsay.....	24.09	91	91.5	58
LINCOLN:					WATERLOO:				
St. Catharines.....	28.60	101	58.0	33	Kitchener.....	31.02	81	83.0	38
Vinelands.....	29.10	96	40.1	25	WELLAND:				
LEEDS:					Falls View.....	30.25	91	76.0	33
Brockville.....	27.53	42	85.5	28	Welland.....	34.14	110	75.8	43
MANITOULIN:					WELLINGTON:				
Providence Bay.....	13.25	26	158.5	31	Guelph.....	34.83	80	74.3	37
MIDDLESEX:					Mount Forest.....	11.75	94	100.6	56
London.....	33.40	117	115.3	54	WENTWORTH:				
Lucan.....	28.43	101	137.3	56	Stoney Creek.....	21.49	80	36.8	20
MUSKOKA:					YORK:				
Beatrice.....	30.32	102	141.0	51	Agincourt.....	30.60	100	61.6	43
NIPISSING:					Toronto.....	31.64	113	62.1	59
Iroquois Falls.....	17.34	79	105.2	68	Average for the				
Montreal River.....	18.46	85	119.1	66	Province: 1926..	25.89	81	95.4	48
New Liskeard.....	14.77	73	98.2	52	1925..	24.21	84	70.5	40
North Bay.....	18.36	79	94.1	67	1924..	23.18	77	75.0	40
Sturgeon Falls.....	16.38	70	119.5	53	1882-1926..	24.30	74	72.8	39
NORFOLK:									
Simcoe.....	38.60	115	88.0	40					

RAIN AND SNOW

TABLE IV.—Monthly summary of inches of rain and snow in precipitation in the several districts in Ontario in 1926, also the average derived from the forty-five years, 1882-1926.

Months	West and Southwest		North and Northwest		Centre		East and Northeast		The Province	
	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow
1926	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January.....	0.64	21.1	0.09	16.8	0.56	16.7	0.87	14.9	0.54	17.4
February.....	0.93	18.7	0.00	11.6	0.65	16.5	0.58	17.2	0.54	16.0
March.....	1.52	11.1	0.08	18.2	0.94	18.0	0.75	24.7	0.82	18.0
April.....	2.12	8.3	0.38	10.6	1.91	8.7	1.70	13.3	1.53	10.2
May.....	1.37	0.1	1.43	0.8	1.82	0.1	1.25	.....	1.47	0.3
June.....	3.04	.....	3.77	0.1	3.10	.....	3.21	.....	3.28	.....
July.....	1.60	.....	3.81	.....	2.42	.....	3.06	.....	2.72	.....
August.....	6.22	.....	2.23	.....	4.47	.....	3.46	.....	4.10	.....
September.....	5.36	.....	3.97	0.2	3.99	.....	3.17	.....	4.12	0.1
October.....	3.81	1.7	2.42	5.0	3.56	1.3	3.70	2.0	3.37	2.5
November.....	3.36	8.9	1.31	31.5	3.78	10.0	4.12	5.0	3.14	13.8
December.....	0.34	16.4	0.09	15.8	0.32	17.5	0.29	18.7	0.26	17.1
The year.....	30.31	86.3	19.58	110.6	27.52	88.8	26.16	95.8	25.89	95.4
1882-1926										
January.....	1.12	16.1	0.58	23.2	1.00	16.6	0.89	19.9	0.90	18.9
February.....	1.08	13.9	0.38	18.6	0.85	14.2	0.60	16.5	0.73	15.8
March.....	1.42	8.5	0.86	13.1	1.30	9.6	1.16	11.5	1.18	10.7
April.....	2.12	2.2	1.54	4.2	2.05	3.0	1.73	3.7	1.86	3.3
May.....	3.05	0.1	2.49	0.1	2.77	0.1	2.66	0.1	2.74	0.1
June.....	2.92	.....	2.70	S	2.76	.....	2.82	.....	2.80	.....
July.....	2.70	.....	2.96	.....	2.83	.....	2.83	.....	2.83	.....
August.....	2.82	.....	2.82	.....	2.45	.....	2.62	.....	2.68	.....
September.....	2.74	.....	3.06	S	2.47	.....	2.64	S	2.73	S
October.....	2.73	0.8	2.79	2.4	2.55	0.7	2.53	1.1	2.65	1.2
November.....	2.24	5.3	1.74	11.9	1.98	5.1	1.85	7.2	1.95	7.4
December.....	1.98	14.3	0.76	20.6	1.18	11.9	1.07	14.3	1.25	15.3
The year.....	26.92	61.2	22.68	94.1	24.19	61.2	23.40	74.3	24.30	72.7

SUNSHINE

TABLE V.—Monthly summary of bright sunshine at the principal stations in Ontario for 1926, showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year, and the average derived from the forty-five years, 1882-1926.

Months	Sun above horizon	Woodstock	Toronto	Lindsay	Kingston	Ottawa	Average of five stations		
							1926	1925	1882-1926
1926	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January	285.7	42.1	57.3	49.7	62.9	65.3	55.5	81.5	.....
February	291.4	63.5	85.2	102.8	109.4	111.3	94.4	86.4	.....
March	369.9	154.9	170.8	152.4	170.0	184.0	166.4	128.7	.....
April	406.4	172.0	189.5	154.6	190.6	185.6	178.5	225.1	.....
May	461.1	272.5	283.9	243.4	260.8	252.2	262.6	189.4	.....
June	465.7	269.1	275.8	202.1	252.4	247.4	249.4	268.3	.....
July	470.9	321.7	303.4	238.4	280.6	266.5	282.1	251.6	.....
August	434.5	160.1	197.7	170.0	196.1	211.7	187.1	274.4	.....
September	376.3	139.2	144.0	106.1	155.0	141.1	137.1	136.3	.....
October	340.2	112.1	117.7	102.3	128.8	99.7	112.1	116.6	.....
November	286.9	58.9	64.6	37.2	64.0	77.7	60.5	90.2	.....
December	274.3	62.2	64.8	61.7	60.1	82.7	66.3	58.6	.....
The year	4,463.3	1,828.3	1,954.7	1,620.7	1,930.7	1,925.2	1,852.0	1,907.1	.....
1882-1926									
January	.....	66.3	78.1	74.7	79.1	89.0	.....	.....	77.4
February	.....	91.2	107.3	100.1	109.6	112.6	.....	.....	104.2
March	.....	127.3	154.5	145.0	146.9	154.3	.....	.....	145.6
April	.....	169.6	189.1	178.4	180.7	191.6	.....	.....	181.9
May	.....	213.1	226.0	207.6	210.2	214.8	.....	.....	214.3
June	.....	253.3	263.6	235.1	250.2	240.2	.....	.....	248.5
July	.....	276.2	285.2	249.5	271.7	259.8	.....	.....	268.5
August	.....	234.9	252.2	224.3	247.5	242.7	.....	.....	240.3
September	.....	175.7	204.8	180.2	182.3	174.8	.....	.....	183.5
October	.....	145.1	152.6	127.5	139.7	133.4	.....	.....	139.7
November	.....	75.9	83.0	69.3	79.3	82.6	.....	.....	78.0
December	.....	55.4	65.4	56.3	68.2	67.1	.....	.....	62.5
The year	.....	1,884.0	2,061.8	1,848.0	1,965.4	1,962.9	.....	.....	1,944.4

RURAL AREA ASSESSED

TABLE VI.—Showing by County Municipalities the rural area of Ontario as returned by Municipal Assessors for 1926 to the Bureau of Municipal Affairs.

Counties and Districts	ACRES OF ASSESSED LAND			ACRES CLEARED			Per cent. cleared
	Resident	Non-resident	Total	Resident	Non-resident	Total	
Algoma.....	276,973	56,752	333,725	62,198	3,164	65,362	19.59
Brant.....	215,595	13	215,608	179,173	13	179,186	83.11
Bruce.....	921,430	8,081	929,511	575,955	4,042	579,997	62.40
Carleton.....	553,327	10,091	563,418	382,600	4,743	387,343	68.75
Cochrane.....	102,582	38,440	141,022	14,312	2,521	16,833	11.94
Dufferin.....	355,915	345	356,260	284,502	.....	284,502	79.86
Dundas.....	236,416	.....	236,416	186,610	.....	186,610	78.93
Durham.....	365,632	3,015	368,647	307,700	1,746	309,446	83.94
Elgin.....	436,422	745	437,167	366,286	602	366,888	83.92
Essex.....	415,446	6	415,452	372,943	6	372,949	89.77
Frontenac.....	630,850	56,238	687,088	249,059	4,612	253,671	36.92
Glengarry.....	288,588	200	288,788	201,403	100	201,503	69.78
Grenville.....	260,019	11,496	271,515	179,562	8,052	187,614	69.10
Grey.....	1,065,399	680	1,066,079	708,815	103	708,918	66.50
Haldimand.....	282,452	.....	282,452	247,996	.....	247,996	87.80
Haliburton.....	551,367	35,627	586,994	46,307	5,413	51,720	8.81
Halton.....	214,153	10,286	224,439	167,506	5,426	172,932	77.05
Hastings.....	990,772	95,486	1,086,258	421,663	6,261	427,924	39.39
Huron.....	791,621	8,542	800,163	671,571	7,612	679,183	84.88
Kenora.....	71,664	13,959	85,623	8,146	1,021	9,167	10.71
Kent.....	567,344	.....	567,344	490,193	.....	490,193	86.40
Lambton.....	660,797	409	661,206	536,154	8	536,162	81.09
Lanark.....	660,031	11,350	671,381	334,416	4,345	338,761	50.46
Leeds.....	467,248	3,457	470,705	270,508	813	271,321	57.64
Lennox & Addington.....	428,613	12,632	441,245	256,265	411	256,676	58.17
Lincoln.....	188,314	1,073	189,387	163,804	965	164,769	87.00
Manitoulin.....	283,605	48,292	331,897	49,918	946	50,864	15.33
Middlesex.....	738,748	17,755	756,503	659,380	16,113	675,493	89.29
Muskoka.....	536,879	31,894	568,773	70,472	1,537	72,009	12.66
Nipissing.....	294,530	23,763	318,293	65,221	2,376	67,597	21.24
Norfolk.....	391,697	4,139	395,836	283,023	2,470	285,493	72.12
Northumberland.....	435,448	798	436,246	356,057	798	356,855	81.80
Ontario.....	506,295	1,561	507,856	387,017	11	387,028	76.21
Oxford.....	468,811	2,478	471,289	401,371	1,709	403,080	85.53
Parry Sound.....	567,527	77,619	645,146	84,695	5,772	90,467	14.02
Peel.....	287,788	.....	287,788	263,703	.....	263,703	91.63
Perth.....	512,509	6,680	519,189	455,034	3,610	458,644	88.34
Peterborough.....	538,990	49,225	588,215	263,105	7,974	271,079	46.09
Prescott.....	291,763	2,389	294,152	221,048	1,209	222,257	75.56
Prince Edward.....	234,708	615	235,323	199,932	.....	199,932	84.96
Rainy River.....	272,186	80,461	352,647	45,573	4,974	50,547	14.33
Renfrew.....	1,020,689	61,553	1,082,242	383,914	15,464	399,378	36.90
Russell.....	250,051	919	250,970	166,497	409	166,906	66.50
Simcoe.....	947,576	10,456	958,032	686,177	6,028	692,205	72.25
Stormont.....	244,966	3,000	247,966	167,684	1,000	168,684	68.03
Sudbury.....	265,175	129,416	394,591	63,442	10,454	73,896	18.73
Thunder Bay.....	438,520	41,474	479,994	43,817	4,357	48,174	10.04
Timiskaming.....	246,608	57,147	303,755	64,907	5,813	70,720	23.28
Victoria.....	581,642	9,144	590,786	288,795	2,823	291,618	49.36
Waterloo.....	305,731	1,038	306,769	254,244	791	255,035	83.14
Welland.....	219,412	1,742	221,154	181,011	1,339	182,350	82.45
Wellington.....	627,624	2	627,626	506,971	2	506,973	80.78
Wentworth.....	268,045	.....	268,045	212,327	.....	212,327	79.21
York.....	531,416	1,681	533,097	443,373	1,069	444,442	83.37
The Province:							
1926.....	24,307,909	1,044,164	25,352,073	14,954,355	161,027	15,115,382	59.62
1925.....	24,237,225	1,132,190	25,369,415	14,958,876	138,420	15,097,296	59.51
1924.....	.....	.....	25,411,037	.....	.....	15,085,390	59.37
1923.....	.....	.....	25,353,517	.....	.....	15,054,463	59.38
1922.....	.....	.....	25,393,470	.....	.....	15,015,659	59.13

NOTE.—Statistics regarding non-resident lands which should include unoccupied lands assessable are not satisfactory as many assessors do not make any distinction on their rolls.

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 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Fall Wheat				Spring Wheat			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
Algoma	302	7,882	26.1	10,247	1,246	26,166	21.0	34,016
Brant	17,490	459,987	26.3	580,504	71	1,420	20.0	1,728
Bruce	28,490	623,931	21.9	783,657	493	8,135	16.5	10,218
Carleton	172	3,010	17.5	3,913	6,681	135,624	20.3	176,311
Dufferin	1,452	32,525	22.4	40,656	2,659	51,585	19.4	64,481
Dundas	78	1,716	22.0	2,116	1,132	20,829	18.4	25,807
Durham	12,345	278,997	22.6	351,257	6,052	107,726	17.8	130,779
Elgin	27,034	708,291	26.2	874,031	174	3,480	20.0	4,315
Essex	59,973	1,517,317	25.3	1,858,713	1,348	27,230	20.2	32,404
Frontenac	451	9,471	21.0	12,218	1,479	25,587	17.3	33,110
Glenarry	575	11,500	20.0	14,950	4,548	83,228	18.3	102,370
Grenville	37	740	20.0	916	431	8,620	20.0	10,577
Grey	25,765	515,300	20.0	648,247	2,108	35,836	17.0	44,687
Haldimand	21,176	567,517	26.8	720,179	681	13,348	19.6	16,365
Haliburton	15	300	20.0	390	27	405	15.0	527
Halton	12,540	391,248	31.2	492,190	755	16,610	22.0	20,447
Hastings	5,528	119,958	21.7	155,226	1,664	31,450	18.9	40,036
Huron	38,080	948,192	24.9	1,184,292	887	16,055	18.1	19,812
Kent	78,242	2,073,413	26.5	2,542,004	1,486	31,206	21.0	37,166
Lambton	56,310	1,604,835	28.5	1,978,762	350	7,000	20.0	8,631
Lanark	328	7,216	22.0	9,236	5,983	111,882	18.7	142,985
Leeds	376	8,385	22.3	10,959	1,264	25,912	20.5	33,167
Lennox & Add'gton	1,400	29,120	20.8	36,837	3,149	66,129	21.0	82,926
Lincoln	14,295	327,356	22.9	409,522	149	2,682	18.0	3,353
Manitoulin	500	11,000	22.0	13,794	1,579	24,001	15.2	30,913
Middlesex	57,124	1,633,746	28.6	2,043,816	283	5,660	20.0	7,018
Muskoka	13	286	22.0	372	231	4,620	20.0	6,006
Nipissing	37	592	16.0	770	760	10,184	13.4	13,239
Norfolk	23,517	597,332	25.4	741,289	75	1,500	20.0	1,850
Northumberland	15,722	399,339	25.4	493,982	5,110	99,134	19.4	120,943
Ontario	19,098	471,721	24.7	598,142	4,013	73,839	18.4	90,748
Oxford	34,760	983,708	28.3	1,231,602	91	1,638	18.0	2,064
Parry Sound	15	270	18.0	351	353	6,072	17.2	7,894
Peel	13,788	402,610	29.2	509,704	2,445	53,546	21.9	66,451
Perth	30,500	826,550	27.1	1,054,678	381	7,239	19.0	9,179
Peterborough	12,700	320,040	25.2	401,010	4,274	76,932	18.0	92,549
Prescott	195	3,900	20.0	5,070	2,832	58,622	20.7	76,209
Prince Edward	3,611	79,442	22.0	95,648	1,493	27,621	18.5	32,455
Rainy R. & Kenora	46	966	21.0	1,256	533	12,046	22.6	15,660
Renfrew	335	6,868	20.5	8,448	26,952	471,660	17.5	588,632
Russell	94	1,692	18.0	2,200	2,361	49,817	21.1	64,762
Simcoe	71,650	1,733,930	24.2	2,186,486	1,392	21,994	15.8	27,053
Stormont	201	4,221	21.0	5,487	1,238	19,808	16.0	25,750
Sudbury	30	660	22.0	858	1,488	28,421	19.1	36,947
Thunder Bay	69	1,380	20.0	1,766	816	16,973	20.8	22,065
Timis. & Cochrane	70	1,295	18.5	1,684	2,976	54,758	18.4	71,185
Victoria	10,756	268,900	25.0	339,890	3,420	66,348	19.4	79,618
Waterloo	22,851	644,398	28.2	810,653	96	1,440	15.0	1,788
Welland	19,773	381,619	19.3	487,327	233	4,194	18.0	5,243
Wellington	10,962	292,685	26.7	366,734	1,596	29,686	18.6	36,276
Wentworth	16,617	445,336	26.8	560,233	488	9,760	20.0	11,839
York	39,527	1,225,337	31.0	1,578,234	3,171	70,396	22.2	88,136
The Province:								
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

OATS AND BARLEY

TABLE VIII.—Showing by County Municipalities of Ontario the area, produce and market value of Oats and Barley for the year 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Oats				Barley			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
Algoma.....	14,420	285,516	19.8	171,310	1,751	54,981	31.4	41,236
Brant.....	33,175	1,234,110	37.2	621,991	4,651	146,972	31.6	98,912
Bruce.....	113,532	3,110,777	27.4	1,589,607	15,688	498,878	31.8	351,210
Carleton.....	82,102	2,816,099	34.3	1,607,993	13,602	444,785	32.7	322,024
Dufferin.....	64,832	1,906,061	29.4	977,809	16,329	501,300	30.7	321,835
Dundas.....	21,664	747,408	34.5	415,559	5,501	163,380	29.7	126,620
Durham.....	47,533	1,649,395	34.7	880,777	7,221	225,295	31.2	152,074
Elgin.....	57,218	2,214,337	38.7	1,073,953	5,347	181,263	33.9	124,709
Essex.....	80,294	3,019,054	37.6	1,280,079	10,565	338,080	32.0	210,624
Frontenac.....	38,492	1,174,006	30.5	612,831	3,423	97,213	28.4	70,479
Glengarry.....	42,251	1,254,855	29.7	672,602	6,785	182,517	26.9	139,443
Grenville.....	31,667	1,121,012	35.4	630,009	3,007	97,427	32.4	70,927
Grey.....	150,036	4,231,015	28.2	2,170,511	25,577	869,618	34.0	594,819
Haldimand.....	39,317	1,266,007	32.2	638,068	5,476	153,328	28.0	108,863
Haliburton.....	7,853	173,551	22.1	114,717	473	11,447	24.2	8,826
Halton.....	32,207	1,265,735	39.3	696,154	4,896	163,526	33.4	118,883
Hastings.....	89,738	2,979,302	33.2	1,725,016	15,534	475,340	30.6	323,231
Huron.....	129,147	4,675,121	36.2	2,314,185	23,060	797,876	34.6	520,215
Kent.....	82,153	3,499,718	42.6	1,518,878	18,475	668,795	36.2	417,997
Lambton.....	88,195	3,651,273	41.4	1,683,237	8,002	292,073	36.5	184,006
Lanark.....	47,187	1,340,111	28.4	750,462	5,949	165,977	27.9	120,001
Leeds.....	52,394	1,660,890	31.7	921,794	4,495	132,603	29.5	100,513
Lennox & Add'gton	43,495	1,500,578	34.5	796,807	7,115	229,818	32.3	167,535
Lincoln.....	26,319	963,275	36.6	519,205	2,955	87,764	29.7	61,435
Manitowlin.....	7,504	159,835	21.3	103,893	1,090	32,046	29.4	25,637
Middlesex.....	116,630	4,945,112	42.4	2,259,916	10,781	382,726	35.5	246,476
Muskoka.....	13,699	330,146	24.1	231,102	413	9,706	23.5	7,765
Nipissing.....	17,087	430,592	25.2	279,885	1,194	30,447	25.5	24,358
Norfolk.....	41,994	1,280,817	30.5	664,744	2,100	59,430	28.3	38,570
Northumberland...	67,980	2,454,078	36.1	1,339,927	7,480	233,376	31.2	163,830
Ontario.....	70,730	2,022,878	28.6	1,049,874	14,941	434,783	29.1	283,044
Oxford.....	73,711	3,147,460	42.7	1,636,679	8,640	321,408	37.2	228,200
Parry Sound.....	20,301	446,622	22.0	312,635	1,389	34,447	24.8	28,247
Peel.....	45,447	1,654,271	36.4	863,529	10,691	337,836	31.6	219,931
Perth.....	95,501	3,590,838	37.6	1,849,282	21,607	771,370	35.7	516,818
Peterborough.....	56,090	1,654,655	29.5	885,240	8,352	253,066	30.3	168,542
Prescott.....	49,101	1,615,423	32.9	875,559	6,111	188,219	30.8	138,717
Prince Edward.....	27,399	975,404	35.6	500,382	8,433	250,460	29.7	176,825
Rainy R. & Kenora	10,626	378,286	35.6	220,541	1,927	60,701	31.5	43,219
Renfrew.....	76,585	2,297,550	30.0	1,174,048	6,102	159,872	26.2	108,873
Russell.....	35,083	1,119,148	31.9	608,817	6,470	202,511	31.3	149,656
Simcoe.....	143,586	4,149,635	28.9	2,161,960	36,272	1,109,923	30.6	714,790
Stormont.....	29,661	907,627	30.6	510,994	3,954	111,898	28.3	84,483
Sudbury.....	15,252	268,435	17.6	175,020	1,546	41,897	27.1	33,099
Thunder Bay.....	9,195	257,460	28.0	147,525	845	28,730	34.0	20,283
Timis. & Cochrane	17,054	404,180	23.7	282,926	2,383	71,490	30.0	57,192
Victoria.....	61,362	1,767,226	28.8	901,285	12,545	392,659	31.3	261,904
Waterloo.....	56,985	2,233,812	39.2	1,210,726	6,635	238,860	36.0	168,157
Welland.....	28,943	868,290	30.0	458,457	2,027	55,945	27.6	40,784
Wellington.....	104,412	3,696,185	35.4	1,866,573	20,374	692,716	34.0	462,042
Wentworth.....	41,333	1,570,654	38.0	845,012	3,857	133,452	34.6	89,680
York.....	83,283	3,356,305	40.3	1,815,761	25,059	826,947	33.0	565,632
The Province:								
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

PEAS AND BEANS

TABLE IX.—Showing by County Municipalities of Ontario the area, produce and market value of Peas and Beans for the year 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Peas				Beans			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
Algoma.....	781	16,635	21.3	\$ 28,446	43	645	15.0	1,613
Brant.....	735	11,760	16.0	15,288	454	6,719	14.8	16,999
Bruce.....	4,924	104,389	21.2	150,320	45	810	18.0	2,106
Carleton.....	1,347	22,899	17.0	38,012	324	4,536	14.0	11,159
Dufferin.....	1,680	37,464	22.3	50,202	.....	.....	.....	.....
Dundas.....	58	957	16.5	1,407	69	966	14.0	2,415
Durham.....	8,687	170,265	19.6	270,721	236	3,304	14.0	8,359
Elgin.....	1,276	17,864	14.0	30,547	12,410	166,294	13.4	389,128
Essex.....	1,299	19,485	15.0	31,566	417	7,006	16.8	16,674
Frontenac.....	251	4,443	17.7	7,153	255	3,570	14.0	8,925
Glengarry.....	150	2,250	15.0	3,848	109	1,308	12.0	3,335
Grenville.....	102	2,040	20.0	3,142	120	1,920	16.0	4,800
Grey.....	5,264	101,069	19.2	138,465	27	405	15.0	1,053
Haldimand.....	877	14,295	16.3	21,443	90	1,350	15.0	3,240
Haliburton.....	108	1,501	13.9	2,282	4	40	10.0	100
Halton.....	212	4,431	20.9	6,203	15	210	14.0	525
Hastings.....	1,626	28,943	17.8	44,572	131	1,834	14.0	4,585
Huron.....	4,008	86,974	21.7	127,852	10,243	193,593	18.9	437,520
Kent.....	1,369	21,356	15.6	42,712	19,614	331,477	16.9	762,397
Lambton.....	1,453	30,949	21.3	43,638	519	7,785	15.0	18,684
Lanark.....	927	16,779	18.1	24,497	262	2,882	11.0	7,234
Leeds.....	127	1,994	15.7	2,851	131	1,310	10.0	2,934
Lennox & Add'gton	710	14,200	20.0	21,442	130	1,560	12.0	4,212
Lincoln.....	49	794	16.2	1,096	206	4,120	20.0	11,124
Manitoulin.....	1,348	28,443	21.1	39,251	11	88	8.0	220
Middlesex.....	1,380	25,116	18.2	31,395	1,340	20,368	15.2	50,716
Muskoka.....	347	5,066	14.6	8,866	12	144	12.0	360
Nipissing.....	518	7,304	14.1	11,102	31	310	10.0	775
Norfolk.....	975	15,600	16.0	24,960	762	9,525	12.5	22,860
Northumberland...	3,728	71,578	19.2	108,799	351	5,265	15.0	13,689
Ontario.....	2,809	50,281	17.9	71,399	82	656	8.0	1,509
Oxford.....	757	13,020	17.2	17,837	225	2,475	11.0	6,188
Parry Sound.....	860	16,168	18.8	26,354	9	90	10.0	180
Peel.....	795	15,582	19.6	21,815	64	896	14.0	2,061
Perth.....	2,131	48,587	22.8	63,163	118	2,006	17.0	5,135
Peterborough.....	2,529	44,005	17.4	60,727	75	1,125	15.0	2,813
Prescott.....	473	7,710	16.3	14,109	313	3,443	11.0	8,470
Prince Edward....	4,944	90,970	18.4	158,288	147	1,955	13.3	4,497
Rainy R. & Kenora	572	10,639	18.6	17,980	14	112	8.0	252
Renfrew.....	12,122	231,530	19.1	377,394	310	3,720	12.0	10,230
Russell.....	473	6,953	14.7	11,612	187	2,805	15.0	7,209
Simcoe.....	10,385	220,162	21.2	319,235	106	1,399	13.2	3,498
Stormont.....	66	990	15.0	1,703	118	1,180	10.0	2,702
Sudbury.....	854	13,835	16.2	23,243	17	170	10.0	340
Thunder Bay.....	266	5,586	21.0	8,379	6	48	8.0	108
Timis. & Cochrane	1,873	33,901	18.1	55,259	7	70	10.0	175
Victoria.....	2,979	52,430	17.6	72,353	54	670	12.4	1,675
Waterloo.....	725	13,558	18.7	17,625	28	392	14.0	941
Welland.....	99	1,485	15.0	2,673	1,100	11,000	10.0	32,780
Wellington.....	3,035	64,646	21.3	86,626	90	1,260	14.0	3,150
Wentworth.....	425	6,970	16.4	9,061	171	2,565	15.0	6,926
York.....	2,377	44,450	18.7	62,675	119	1,785	15.0	4,641
The Province:								
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

RYE AND BUCKWHEAT

TABLE X.—Showing by County Municipalities of Ontario the area, produce and market value of Rye and Buckwheat for the year 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Rye				Buckwheat			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
Algoma.....	86	1,720	20.0	1,548	171	2,993	17.5	2,394
Brant.....	5,567	119,134	21.4	105,314	4,090	80,982	19.8	59,927
Bruce.....	39	546	14.0	482	6,243	129,230	20.7	102,738
Carleton.....	371	5,936	16.0	5,639	6,075	120,893	19.9	99,737
Dufferin.....	956	18,451	19.3	16,200	3,993	93,037	23.3	69,220
Dundas.....	13	195	15.0	176	2,130	53,250	25.0	40,470
Durham.....	8,587	127,946	14.9	113,104	8,622	183,649	21.3	137,553
Elgin.....	3,960	78,012	19.7	65,686	5,252	90,334	17.2	69,648
Essex.....	438	8,848	20.2	7,963	1,737	35,261	20.3	28,738
Frontenac.....	633	9,748	15.4	8,929	1,705	31,713	18.6	25,561
Glengarry.....					1,323	30,826	23.3	26,079
Grenville.....	586	12,306	21.0	11,075	5,104	134,746	26.4	106,315
Grey.....	40	640	16.0	555	5,981	136,965	22.9	102,724
Haldimand.....	144	2,822	19.6	2,464	3,496	68,522	19.6	56,599
Haliburton.....	199	2,985	15.0	2,687	448	11,200	25.0	8,803
Halton.....	163	3,456	21.2	3,052	2,790	55,800	20.0	42,799
Hastings.....	3,592	61,782	17.2	55,604	8,252	180,719	21.9	142,226
Huron.....	206	4,326	21.0	3,893	10,679	250,957	23.5	191,731
Kent.....	1,474	31,691	21.5	26,335	1,701	38,273	22.5	30,350
Lambton.....	478	9,560	20.0	8,604	451	9,336	20.7	7,824
Lanark.....	545	8,066	14.8	7,259	5,677	116,379	20.5	91,125
Leeds.....	451	8,118	18.0	7,306	3,277	71,111	21.7	56,889
Lennox & Add'gton	778	13,226	17.0	12,168	5,867	138,461	23.6	107,723
Lincoln.....	66	1,320	20.0	1,188	364	6,188	17.0	5,012
Manitoulin.....	192	3,494	18.2	3,145	469	9,380	20.0	8,161
Middlesex.....	654	14,715	22.5	12,743	3,642	80,124	22.0	60,333
Muskoka.....	111	1,665	15.0	1,499	137	2,740	20.0	2,192
Nipissing.....	54	810	15.0	729	213	4,260	20.0	3,621
Norfolk.....	12,290	194,182	15.8	167,385	10,227	188,177	18.4	144,332
Northumberland...	8,659	148,935	17.2	129,573	15,505	283,742	18.3	208,834
Ontario.....	5,859	95,502	16.3	83,851	14,991	319,308	21.3	241,716
Oxford.....	1,813	36,260	20.0	31,256	5,798	134,514	23.2	101,155
Parry Sound.....	48	816	17.0	734	165	3,020	18.3	2,567
Peel.....	1,460	31,682	21.7	28,229	2,168	39,674	18.3	30,430
Perth.....	79	1,580	20.0	1,422	5,480	132,616	24.2	98,534
Peterborough.....	2,224	38,698	17.4	34,519	4,822	106,566	22.1	82,162
Prescott.....	31	465	15.0	419	1,360	30,736	22.6	26,433
Prince Edward.....	2,848	49,270	17.3	42,569	8,195	173,734	21.2	130,474
Rainy R. & Kenora	4	65	16.2	55	2	30	15.0	23
Renfrew.....	7,181	112,742	15.7	93,125	4,768	94,406	19.8	68,916
Russell.....	293	4,395	15.0	3,956	1,289	26,682	20.7	22,413
Simcoe.....	6,583	114,544	17.4	99,424	15,541	340,348	21.9	257,303
Stormont.....	29	435	15.0	392	2,420	55,902	23.1	47,405
Sudbury.....	376	6,392	17.0	5,753	465	9,300	20.0	8,370
Thunder Bay.....	187	2,805	15.0	2,384	49	833	17.0	666
Timis. & Cochrane	129	1,935	15.0	1,742	113	2,068	18.3	1,861
Victoria.....	828	12,917	15.6	11,625	8,496	183,514	21.6	135,800
Waterloo.....	1,594	29,967	18.8	27,270	4,444	88,880	20.0	67,193
Welland.....	262	4,192	16.0	3,731	2,639	36,154	13.7	31,852
Wellington.....	223	4,192	18.8	3,722	12,342	275,227	22.3	212,200
Wentworth.....	838	16,928	20.2	14,727	3,852	80,507	20.9	64,245
York.....	2,134	40,973	19.2	36,630	9,850	201,925	20.5	159,319
The Province:								
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

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 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Flax				Mixed Grains			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
Algoma.....	17	102	6.0	153	1,044	31,946	30.6	22,362
Brant.....					10,531	420,187	39.9	268,079
Bruce.....	684	7,524	11.0	14,521	24,632	783,298	31.8	522,460
Carleton.....	9	72	8.0	144	16,245	623,808	38.4	436,666
Dufferin.....	48	384	8.0	664	24,454	760,519	31.1	489,014
Dundas.....					17,666	616,543	34.9	422,948
Durham.....	55	550	10.0	1,100	32,626	1,161,486	35.6	718,960
Elgin.....					14,764	624,517	42.3	404,062
Essex.....					8,797	357,158	40.6	232,153
Frontenac.....					4,676	135,604	29.0	95,872
Glengarry.....					2,309	78,044	33.8	53,850
Grenville.....	36	288	8.0	576	5,921	213,748	36.1	143,852
Grey.....	318	3,816	12.0	8,319	35,596	1,260,098	35.4	854,346
Haldimand.....	26	260	10.0	520	9,468	312,444	33.0	202,464
Haliburton.....	3	24	8.0	48	356	9,327	26.2	7,462
Halton.....					9,828	393,120	40.0	262,211
Hastings.....	163	1,304	8.0	2,152	11,744	413,389	35.2	299,294
Huron.....	2,906	27,898	9.6	54,680	42,738	1,790,722	41.9	1,124,573
Kent.....					17,104	749,155	43.8	458,483
Lambton.....	526	4,734	9.0	9,468	18,968	775,791	40.9	484,869
Lanark.....	122	1,464	12.0	2,928	11,012	349,080	31.7	240,865
Leeds.....					6,656	245,606	36.9	173,889
Lennox & Add'gton	12	96	8.0	192	6,372	233,852	36.7	154,810
Lincoln.....	3	24	8.0	48	3,312	127,843	38.6	82,842
Manitowlin.....	9	90	10.0	135	1,490	46,786	31.4	37,055
Middlesex.....	116	1,160	10.0	2,227	21,160	861,212	40.7	520,172
Muskoka.....	1	6	6.0	9	880	23,584	26.8	18,867
Nipissing.....	11	66	6.0	99	791	19,775	25.0	15,820
Norfolk.....	81	648	8.0	1,296	7,873	241,701	30.7	145,021
Northumberland...	50	600	12.0	1,200	18,147	647,848	35.7	433,410
Ontario.....	151	1,208	8.0	2,597	43,850	1,354,965	30.9	884,792
Oxford.....	136	1,360	10.0	2,720	34,693	1,505,676	43.4	1,004,286
Parry Sound.....	10	60	6.0	90	759	18,975	25.0	15,180
Peel.....	18	144	8.0	288	16,570	634,631	38.3	436,626
Perth.....	326	3,260	10.0	6,520	35,603	1,402,758	39.4	907,584
Peterborough.....	62	496	8.0	912	6,522	191,095	29.3	124,212
Prescott.....	172	1,376	8.0	2,752	3,208	116,130	36.2	79,085
Prince Edward.....	49	490	10.0	946	7,149	268,088	37.5	182,032
Rainy R. & Kenora	351	3,896	11.1	7,208	90	3,186	35.4	2,230
Renfrew.....	109	654	6.0	1,262	5,066	143,874	28.4	104,596
Russell.....	41	328	8.0	597	5,872	199,061	33.9	137,750
Simcoe.....	194	1,940	10.0	3,938	37,594	1,225,564	32.6	861,571
Stormont.....	15	120	8.0	240	6,332	217,821	34.4	159,009
Sudbury.....	78	780	10.0	1,170	469	12,194	26.0	9,755
Thunder Bay.....					510	16,320	32.0	12,240
Timis. & Cochrane	113	1,356	12.0	2,712	1,132	29,432	26.0	23,546
Victoria.....	87	870	10.0	1,653	16,534	552,236	33.4	331,342
Waterloo.....	62	620	10.0	1,110	35,242	1,501,309	42.6	989,363
Welland.....	27	216	8.0	393	3,318	105,844	31.9	70,386
Wellington.....	364	3,640	10.0	6,588	60,530	2,160,921	35.7	1,324,645
Wentworth.....					18,462	712,633	38.6	472,476
York.....	151	1,812	12.0	3,968	44,316	1,896,725	42.8	1,238,561
The Province:								
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

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 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Corn for Husking				Corn for Silo			
	Acres	Bushels (in the ear)	Per acre	Market value \$	Acres	Tons green	Per acre	Market value \$
Algoma	98	2,450	25.0	1,348	265	1,590	6.00	7,155
Brant	3,187	233,926	73.4	133,338	9,052	88,438	9.77	397,971
Bruce	365	14,600	40.0	8,526	6,150	46,371	7.54	208,670
Carleton	1,163	46,520	40.0	27,307	15,865	188,794	11.90	849,573
Dufferin	30	900	30.0	510	918	8,262	9.00	37,179
Dundas	1,288	51,520	40.0	30,912	11,603	98,626	8.50	443,817
Durham	1,365	68,250	50.0	40,950	7,093	61,638	8.69	277,371
Elgin	12,934	831,656	64.3	459,906	17,224	140,203	8.14	630,913
Essex	45,106	2,652,233	58.8	1,254,506	5,333	50,930	9.55	229,185
Frontenac	1,267	57,015	45.0	33,810	4,379	30,434	6.95	136,953
Glengarry	730	21,900	30.0	14,235	5,874	54,335	9.25	244,507
Grenville	1,242	68,310	55.0	40,986	6,544	78,528	12.00	353,376
Grey	220	8,800	40.0	5,025	7,954	72,779	9.15	327,505
Haldimand	1,807	90,350	50.0	53,487	3,724	32,846	8.82	147,807
Haliburton	110	3,300	30.0	1,980	149	894	6.00	4,023
Halton	372	18,600	50.0	11,160	4,487	55,639	12.40	250,375
Hastings	2,637	145,035	55.0	87,021	8,804	82,582	9.38	371,619
Huron	1,192	59,600	50.0	35,522	9,066	94,830	10.46	426,735
Kent	32,435	1,972,048	60.8	997,856	12,165	91,967	7.56	413,851
Lambton	14,748	890,779	60.4	525,560	15,428	145,023	9.40	652,603
Lanark	919	22,975	25.0	14,934	7,945	65,546	8.25	294,957
Leeds	3,328	183,040	55.0	108,726	11,284	98,171	8.70	441,770
Lennox & Add'gton	1,628	71,632	44.0	42,979	4,864	37,550	7.72	168,975
Lincoln	2,719	214,801	79.0	122,437	5,037	48,254	9.58	217,143
Manitoulin	72	1,800	25.0	1,080	719	6,320	8.79	28,440
Middlesex	8,011	400,550	50.0	208,687	25,619	272,586	10.64	1,226,637
Muskoka	106	3,180	30.0	1,908	371	2,334	6.29	10,503
Nipissing	109	2,725	25.0	1,499	55	550	10.00	2,475
Norfolk	14,282	889,769	62.3	485,814	8,976	76,296	8.50	343,332
Northumberland	2,293	112,357	49.0	67,414	8,734	72,492	8.30	326,214
Ontario	838	25,140	30.0	15,084	10,751	90,953	8.46	409,288
Oxford	3,460	259,500	75.0	139,611	25,550	243,492	9.53	1,095,714
Parry Sound	55	1,375	25.0	825	162	1,620	10.00	7,290
Peel	83	2,490	30.0	1,370	4,684	44,123	9.42	198,553
Perth	357	21,420	60.0	12,381	11,464	130,919	11.42	589,135
Peterborough	394	15,760	40.0	8,668	4,865	42,180	8.67	189,810
Prescott	1,735	69,400	40.0	45,110	6,458	59,414	9.20	267,363
Prince Edward	3,988	219,340	55.0	131,604	4,879	43,911	9.00	197,600
Rainy R. & Kenora	21	525	25.0	289	145	1,160	8.00	5,220
Renfrew	836	25,080	30.0	16,302	4,434	41,192	9.29	185,364
Russell	900	36,000	40.0	23,400	7,014	75,751	10.80	340,880
Simcoe	1,013	40,520	40.0	21,881	7,615	64,118	8.42	288,531
Stormont	1,163	34,890	30.0	22,679	7,311	67,919	9.29	305,636
Sudbury	29	725	25.0	435	155	1,240	8.00	5,580
Thunder Bay								
Timis. & Cochrane					33	198	6.00	891
Victoria	449	13,470	30.0	7,678	5,917	48,519	8.20	218,336
Waterloo	336	10,080	30.0	5,796	9,183	113,869	12.40	512,411
Welland	5,650	298,885	52.9	190,988	4,887	42,615	8.72	191,768
Wellington	481	19,240	40.0	10,697	7,630	73,477	9.63	330,647
Wentworth	1,365	73,710	54.0	42,236	8,441	93,104	11.03	418,968
York	409	21,268	52.0	12,612	10,513	112,489	10.70	506,201
The Province:								
1926	179,325	10,329,439	57.6	5,529,069	367,772	3,497,071	9.51	15,736,820
1925	207,767	14,604,467	70.3	8,131,617	373,133	3,614,233	9.69	15,360,490

POTATOES AND TURNIPS

TABLE XIII.—Showing by County Municipalities of Ontario the area, produce and market value of Potatoes and Turnips for the year 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Potatoes				Turnips			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
Algoma	1,219	113,977	93.5	133,923	273	51,870	190	10,374
Brant	2,483	175,548	70.7	227,159	2,158	640,926	297	128,185
Bruce	3,694	426,288	115.4	374,281	2,648	707,016	267	141,403
Carleton	4,925	533,378	108.3	601,117	872	234,568	269	46,914
Dufferin	4,415	588,078	133.2	410,478	2,033	689,187	339	137,838
Dundas	1,458	112,703	77.3	146,965	59	19,293	327	3,859
Durham	3,482	367,351	105.5	394,535	2,096	509,328	243	101,866
Elgin	2,945	311,287	105.7	435,179	191	28,650	150	5,730
Essex	2,567	339,614	132.3	471,384	35	9,625	275	1,925
Frontenac	3,063	234,932	76.7	302,592	113	26,668	236	5,334
Glengarry	2,473	193,636	78.3	223,650	89	26,700	300	5,340
Grenville	2,440	256,200	105.0	330,242	177	35,400	200	7,080
Grey	5,483	781,328	142.5	701,633	3,250	1,186,250	365	237,250
Haldimand	778	72,899	93.7	106,651	32	8,480	265	1,696
Haliburton	478	54,683	114.4	61,682	95	27,740	292	5,548
Halton	1,385	108,446	78.3	135,449	1,312	469,696	358	93,939
Hastings	4,833	625,874	129.5	756,682	714	261,324	366	52,265
Huron	3,656	542,916	148.5	551,060	3,505	1,083,045	309	216,609
Kent	3,717	398,091	107.1	539,811	55	16,500	300	3,300
Lambton	3,276	353,808	108.0	453,936	190	38,000	200	7,600
Lanark	2,588	222,827	86.1	266,278	560	128,240	229	25,648
Leeds	2,550	180,285	70.7	251,137	497	140,651	283	28,130
Lennox & Add'gton	2,732	207,905	76.1	253,020	90	14,850	165	2,970
Lincoln	1,022	95,455	93.4	137,360	78	23,400	300	4,680
Manitoulin	553	67,466	122.0	55,390	90	24,120	268	4,824
Middlesex	6,221	745,276	119.8	885,388	1,263	284,175	225	56,835
Muskoka	1,151	148,709	129.2	165,811	314	91,060	290	18,212
Nipissing	1,370	143,850	105.0	171,325	328	94,136	287	18,827
Northfolk	3,226	354,860	110.0	448,188	495	120,285	243	24,057
Northumberland	3,552	401,021	112.9	496,063	2,092	587,852	281	117,571
Ontario	5,879	611,416	104.0	606,525	6,344	2,379,000	375	475,800
Oxford	2,398	270,255	112.7	379,979	4,149	1,360,872	328	272,174
Parry Sound	1,388	172,390	124.2	196,525	452	141,476	313	28,295
Peel	3,860	368,630	95.5	380,795	992	354,144	357	70,829
Perth	2,740	346,336	126.4	423,223	3,021	996,930	330	199,386
Peterborough	2,430	271,188	111.6	320,273	1,585	499,275	315	99,855
Prescott	2,290	245,030	107.0	264,632	234	76,752	328	15,350
Prince Edward	1,580	144,886	91.7	190,090	94	28,200	300	5,640
Rainy R. & Kenora	820	116,932	142.6	107,811	141	41,454	294	8,291
Renfrew	4,583	407,887	89.0	481,307	332	87,980	265	17,596
Russell	1,720	115,068	66.9	138,082	685	173,305	253	34,661
Simcoe	10,297	1,206,808	117.2	1,110,263	5,054	1,637,496	324	327,499
Stormont	1,596	134,383	84.2	169,054	38	9,500	250	1,900
Sudbury	1,649	209,588	127.1	223,840	289	76,007	263	15,201
Thunder Bay	1,750	288,750	165.0	317,625	335	117,250	350	23,450
Timis. & Cochrane	1,057	112,571	106.5	153,885	351	94,770	270	18,954
Victoria	1,838	200,342	109.0	226,186	2,350	817,800	348	163,560
Waterloo	2,839	327,053	115.2	430,729	3,770	1,492,920	396	298,584
Welland	1,854	137,938	74.4	219,735	52	15,600	300	3,120
Wellington	4,878	520,483	106.7	511,635	8,780	2,853,500	325	570,700
Wentworth	4,667	363,093	77.8	493,806	1,551	421,872	272	84,374
York	7,620	766,572	100.6	793,402	5,197	1,948,875	375	389,775
The Province:								
1926	153,468	16,496,290	107.5	18,627,771	71,500	23,204,013	325	4,640,803
1925	163,790	15,714,786	95.9	21,513,125	73,318	28,015,466	382	5,042,784

MANGELS AND SUGAR BEETS

TABLE XIV.—Showing by County Municipalities of Ontario the area, produce and market value of Mangels and Sugar Beets for the year 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Mangels				Sugar Beets			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
Algoma.....	19	4,275	225	855	26	4,550	175	910
Brant.....	867	321,657	371	64,332	35	8,750	250	1,750
Bruce.....	1,688	467,576	277	93,515	85	17,000	200	3,400
Carleton.....	351	78,273	223	15,655	149	14,900	100	2,980
Dufferin.....	242	94,138	389	18,828	97	27,645	285	5,529
Dundas.....	37	13,801	373	2,760	53	15,900	300	3,180
Durham.....	917	331,954	362	66,391	28	5,600	200	1,120
Elgin.....	305	157,685	517	31,537	661	319,263	483	63,853
Essex.....	512	204,800	400	40,960	4,028	1,683,704	418	336,741
Frontenac.....	92	24,472	266	4,894	47	9,635	205	1,927
Glengarry.....	23	6,900	300	1,380	6	1,200	200	240
Grenville.....	36	10,800	300	2,160	50	9,150	183	1,830
Grey.....	1,758	625,848	356	125,169	132	39,600	300	7,920
Haldimand.....	143	59,202	414	11,840	22	6,600	300	1,320
Haliburton.....	8	2,400	300	480	6	900	150	180
Halton.....	857	407,075	475	81,415	18	5,400	300	1,080
Hastings.....	99	27,225	275	5,445	95	28,500	300	5,700
Huron.....	2,522	1,170,208	464	234,042	53	15,900	300	3,180
Kent.....	342	168,264	492	33,653	26,769	12,875,889	481	2,575,178
Lambton.....	343	154,350	450	30,870	7,157	3,120,452	436	624,090
Lanark.....	132	33,132	251	6,626	59	11,800	200	2,360
Leeds.....	103	30,694	298	6,139	116	34,800	300	6,960
Lennox & Add'gton	84	12,600	150	2,520	36	5,400	150	1,080
Lincoln.....	182	92,456	508	18,491	59	27,317	463	5,463
Manitoulin.....	33	8,877	269	1,775	3	600	200	120
Middlesex.....	1,154	500,836	434	100,167	495	181,170	366	36,234
Muskoka.....	26	9,750	375	1,950	12	3,600	300	720
Nipissing.....	21	4,200	200	840	14	1,400	100	280
Norfolk.....	319	118,030	370	23,606	146	58,400	400	11,680
Northumberland...	475	180,500	380	36,100	74	23,384	316	4,677
Ontario.....	2,492	867,216	348	173,443	39	9,750	250	1,950
Oxford.....	2,137	940,280	440	188,056	44	17,600	400	3,520
Parry Sound.....	31	7,750	250	1,550	18	3,600	200	720
Peel.....	588	249,900	425	49,980	30	6,000	200	1,200
Perth.....	2,502	1,013,310	405	202,662	14	4,900	350	980
Peterborough.....	403	141,050	350	28,210	30	6,000	200	1,200
Prescott.....	80	30,720	384	6,144	102	20,400	200	4,080
Prince Edward.....	39	9,750	250	1,950	20	2,000	100	400
Rainy R. & Kenora	48	9,600	200	1,920	33	6,600	200	1,320
Renfrew.....	215	58,695	273	11,739	70	8,750	125	1,750
Russell.....	194	58,200	300	11,640	39	7,800	200	1,560
Simcoe.....	1,954	721,026	369	144,205	252	75,600	300	15,120
Stormont.....	45	13,500	300	2,700	26	5,200	200	1,040
Sudbury.....	32	8,224	257	1,645	39	7,800	200	1,560
Thunder Bay.....	27	8,100	300	1,620	11	1,100	100	220
Timis. & Cochrane	42	10,500	250	2,100	27	4,050	150	810
Victoria.....	743	286,798	386	57,360	33	9,900	300	1,980
Waterloo.....	2,198	907,774	413	181,555	.....	.....	.....	.....
Welland.....	50	20,000	400	4,000	55	19,250	350	3,850
Wellington.....	2,336	978,784	419	195,757	65	19,500	300	3,900
Wentworth.....	1,089	502,029	461	100,406	33	9,900	300	1,980
York.....	3,074	1,383,300	450	276,660	83	26,975	325	5,395
The Province:								
1926.....	34,009	13,548,484	398	2,709,697	41,594	18,831,084	453	3,766,217
1925.....	35,385	14,881,069	421	2,678,592	37,718	16,686,713	442	3,003,608

ALSIKE AND SWEET CLOVER

TABLE XV.—Showing by County Municipalities of Ontario the area, produce and market value of Alsike and Sweet Clover for the year 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Alsike				Sweet Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				\$				\$
Algoma.....	173	277	1.60	3,692	254	508	2.00	5,080
Brant.....	877	1,158	1.32	16,015	4,336	9,539	2.20	100,827
Bruce.....	2,774	4,022	1.45	46,253	20,733	40,637	1.96	350,291
Carleton.....	1,047	1,696	1.62	21,200	5,420	11,545	2.13	115,450
Dufferin.....	2,365	3,689	1.56	53,048	8,834	19,258	2.18	206,253
Dundas.....	580	638	1.10	5,927	2,618	5,969	2.28	41,783
Durham.....	3,484	4,738	1.36	63,063	18,240	36,480	2.00	288,192
Elgin.....	1,727	2,487	1.44	35,092	7,798	17,234	2.21	168,893
Essex.....	2,658	3,323	1.25	49,280	5,304	12,305	2.32	132,279
Frontenac.....	963	1,541	1.60	17,983	1,757	3,953	2.25	39,530
Glengarry.....	1,033	1,508	1.46	12,366	1,842	4,145	2.25	33,160
Grenville.....	420	735	1.75	7,034	3,685	8,844	2.40	61,908
Grey.....	2,671	3,686	1.38	40,730	30,397	65,354	2.15	563,351
Haldimand.....	15,619	18,118	1.16	212,887	2,875	5,750	2.00	53,935
Haliburton.....	164	205	1.25	3,075	360	810	2.25	8,100
Halton.....	4,725	7,324	1.55	109,860	2,717	6,113	2.25	69,260
Hastings.....	5,180	7,459	1.44	82,049	12,486	29,092	2.33	215,863
Huron.....	2,534	3,649	1.44	41,015	18,670	42,194	2.26	365,822
Kent.....	2,267	2,834	1.25	38,401	5,570	12,755	2.29	133,928
Lambton.....	3,410	5,286	1.55	58,833	13,440	34,272	2.55	308,448
Lanark.....	1,688	2,431	1.44	27,957	4,942	11,120	2.25	85,290
Leeds.....	792	990	1.25	11,326	2,822	6,350	2.25	57,150
Lennox & Add'gton	1,682	2,304	1.37	24,123	3,910	8,680	2.22	61,888
Lincoln.....	2,348	2,935	1.25	48,251	1,450	3,147	2.17	36,725
Manitoulin.....	317	412	1.30	4,062	1,606	3,212	2.00	27,302
Middlesex.....	4,123	6,267	1.52	81,972	15,089	33,648	2.23	340,518
Muskoka.....	322	435	1.35	4,785	76	152	2.00	1,064
Nipissing.....	432	540	1.25	6,480	142	284	2.00	2,272
Norfolk.....	2,665	3,331	1.25	45,135	5,970	11,343	1.90	118,194
Northumberland...	3,532	5,298	1.50	58,755	20,007	47,417	2.37	367,482
Ontario.....	4,148	5,185	1.25	63,361	14,833	32,633	2.20	290,434
Oxford.....	1,272	1,933	1.52	25,322	6,450	14,190	2.20	135,798
Parry Sound.....	228	331	1.45	3,972	355	710	2.00	4,970
Peel.....	4,481	6,408	1.43	76,896	6,780	16,136	2.38	164,426
Perth.....	856	1,258	1.47	16,253	12,325	28,224	2.29	265,306
Peterborough.....	2,247	2,584	1.15	31,861	12,669	26,352	2.08	203,437
Prescott.....	731	1,133	1.55	10,322	2,080	4,160	2.00	35,360
Prince Edward.....	3,299	4,124	1.25	38,683	6,556	15,800	2.41	120,080
Rainy R. & Kenora	1,303	1,707	1.31	22,976	392	800	2.04	8,000
Renfrew.....	1,043	1,669	1.60	15,989	3,328	6,656	2.00	49,388
Russell.....	978	1,467	1.50	14,670	912	2,016	2.21	18,144
Simcoe.....	9,274	13,355	1.44	152,915	28,679	68,256	2.38	604,748
Stormont.....	654	981	1.50	9,810	1,716	4,118	2.40	35,003
Sudbury.....	857	1,183	1.38	14,563	407	814	2.00	6,512
Thunder Bay.....	475	475	1.00	7,600	470	823	1.75	9,876
Timis. & Cochrane	2,112	3,020	1.43	37,750	310	620	2.00	4,960
Victoria.....	9,273	14,373	1.55	197,054	8,734	18,341	2.10	129,854
Waterloo.....	365	562	1.54	9,110	5,861	12,191	2.08	152,022
Welland.....	2,525	3,131	1.24	41,110	1,442	2,740	1.90	30,140
Wellington.....	1,489	2,085	1.40	27,459	12,315	26,970	2.19	252,979
Wentworth.....	2,726	3,925	1.44	52,791	2,790	6,557	2.35	59,013
York.....	6,569	9,459	1.44	116,440	12,348	29,635	2.40	281,533
The Province:								
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

ALFALFA AND HAY AND CLOVER

TABLE XVI.—Showing by County Municipalities of Ontario the area, produce and market value of Alfalfa, Hay and Clover for the year 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Alfalfa				Hay and Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				\$				\$
Algoma.....	406	914	2.25	12,796	26,317	41,581	1.58	481,924
Brant.....	12,577	29,430	2.34	462,934	24,564	36,600	1.49	538,386
Bruce.....	55,654	122,439	2.20	1,569,668	95,065	122,634	1.29	1,467,929
Carleton.....	5,694	13,779	2.42	190,977	104,966	172,144	1.64	1,903,913
Dufferin.....	6,574	16,041	2.44	249,277	57,536	78,824	1.37	1,098,807
Dundas.....	3,181	8,461	2.66	83,425	56,798	91,445	1.61	878,786
Durham.....	7,494	17,761	2.37	216,507	38,823	61,340	1.58	816,435
Elgin.....	16,707	42,770	2.56	665,929	61,626	81,346	1.32	1,148,606
Essex.....	21,703	53,389	2.46	885,724	36,491	43,424	1.19	762,525
Frontenac.....	4,769	11,732	2.46	139,611	80,177	105,032	1.31	1,176,358
Glengarry.....	3,186	7,646	2.40	68,814	64,278	96,417	1.50	895,714
Grenville.....	1,761	4,403	2.50	46,055	52,074	84,360	1.62	862,159
Grey.....	64,249	149,058	2.32	1,852,791	124,746	162,170	1.30	1,936,310
Haldimand.....	35,904	94,068	2.62	1,294,376	43,504	53,945	1.24	654,892
Haliburton.....	95	190	2.00	2,850	13,996	19,454	1.39	310,486
Halton.....	23,180	57,950	2.50	960,811	23,312	38,465	1.65	609,670
Hastings.....	20,968	53,049	2.53	646,667	86,322	136,389	1.58	1,587,568
Huron.....	41,749	108,130	2.59	1,371,088	103,144	150,590	1.46	1,834,186
Kent.....	23,461	60,529	2.58	1,005,387	42,463	61,571	1.45	941,421
Lambton.....	40,838	104,137	2.55	1,301,713	60,315	90,473	1.50	1,125,484
Lanark.....	6,346	14,405	2.27	167,530	76,073	120,956	1.59	1,302,696
Leeds.....	3,553	8,456	2.38	97,244	76,778	115,167	1.50	1,387,762
Lennox & Add'gton	11,365	30,231	2.66	368,818	68,549	108,993	1.59	1,140,067
Lincoln.....	17,621	47,577	2.70	832,598	34,617	47,079	1.36	784,807
Manitowlin.....	2,265	5,345	2.36	58,154	17,463	22,702	1.30	236,101
Middlesex.....	34,612	86,184	2.49	1,208,300	91,977	141,645	1.54	1,902,292
Muskoka.....	124	248	2.00	2,976	29,154	45,189	1.55	691,392
Nipissing.....	102	204	2.00	2,601	28,220	36,968	1.31	545,278
Norfolk.....	13,427	33,030	2.46	525,177	44,522	60,550	1.36	888,874
Northumberland...	10,709	24,845	2.32	314,041	49,534	81,731	1.65	950,532
Ontario.....	15,983	39,478	2.47	537,690	57,909	83,389	1.44	1,089,060
Oxford.....	28,458	73,991	2.60	1,054,372	58,801	97,610	1.66	1,324,568
Parry Sound.....	321	642	2.00	7,704	36,046	51,546	1.43	767,004
Peel.....	45,353	111,115	2.45	1,548,943	31,293	50,069	1.60	760,548
Perth.....	10,114	25,791	2.55	385,318	92,217	139,248	1.51	1,906,305
Peterborough.....	5,696	13,272	2.33	174,394	42,559	62,987	1.48	825,760
Prescott.....	1,844	3,688	2.00	47,944	71,348	114,157	1.60	1,034,262
Prince Edward....	9,815	25,519	2.60	287,854	36,168	55,699	1.54	593,751
Rainy R. & Kenora	1,115	2,375	2.13	36,219	25,494	32,122	1.26	497,891
Renfrew.....	4,008	9,339	2.33	102,075	101,342	151,000	1.49	1,608,150
Russell.....	1,809	4,703	2.60	58,788	53,646	75,641	1.41	742,038
Simcoe.....	24,095	63,852	2.65	902,229	97,554	148,282	1.52	2,049,257
Stormont.....	1,808	4,737	2.62	54,476	51,469	82,865	1.61	863,453
Sudbury.....	237	474	2.00	6,399	27,538	40,205	1.46	586,189
Thunder Bay.....	832	1,664	2.00	29,403	20,417	26,134	1.28	483,479
Timis. & Cochrane	152	304	2.00	4,095	29,506	39,833	1.35	592,715
Victoria.....	5,163	12,546	2.43	164,729	49,020	69,608	1.42	925,786
Waterloo.....	9,691	24,228	2.50	418,902	47,365	75,784	1.60	1,302,727
Welland.....	8,016	19,078	2.38	333,865	49,269	57,645	1.17	930,390
Wellington.....	18,940	47,161	2.49	767,781	110,652	159,339	1.44	2,453,821
Wentworth.....	21,086	49,130	2.33	753,654	36,490	49,262	1.35	735,974
York.....	43,663	110,904	2.54	1,608,108	49,636	76,439	1.54	1,219,966
The Province:								
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

CARROTS—ALL FIELD CROPS

TABLE XVII.—Showing by County Municipalities of Ontario the area, produce and market value of Carrots and all Field Crops enumerated in Tables VII to XVII for the year 1926, together with the comparative totals for the Province for 1925.

Counties and Districts	Carrots				All Field Crops		
	Acres	Bushels	Per acre	Market value	Acres	Value	Per Acre
				\$		\$	\$ c.
Algoma.....	43	4,945	115	989	48,954	972,371	19.86
Brant.....	15	2,250	150	450	136,915	3,840,089	28.05
Bruce.....	17	1,700	100	340	383,643	7,791,595	20.31
Carleton.....	81	8,100	100	1,620	267,461	6,478,304	24.22
Dufferin.....	5	1,000	200	200	199,452	4,248,028	21.30
Dundas.....	13	2,600	200	520	125,999	2,679,452	21.27
Durham.....	23	4,600	200	920	215,009	5,032,034	23.40
Elgin.....	21	3,150	150	630	249,574	6,682,347	26.78
Essex.....	53	10,600	200	2,120	288,658	7,865,543	27.25
Frontenac.....	55	8,580	156	1,716	148,047	2,735,786	18.48
Glengarry.....	23	3,450	150	690	137,607	2,516,573	18.29
Grenville.....	22	3,300	150	660	115,462	2,695,679	23.35
Grey.....	23	2,300	100	460	491,595	10,361,870	21.08
Haldimand.....	25	3,750	150	750	185,184	4,309,846	23.27
Haliburton.....	11	1,650	150	330	24,958	544,576	21.82
Halton.....	13	2,600	200	520	125,784	3,966,003	31.53
Hastings.....	27	4,050	150	810	280,137	6,603,631	23.57
Huron.....	32	9,600	300	1,920	448,077	11,059,932	24.68
Kent.....	10	2,000	200	400	370,872	12,519,508	33.76
Lambton.....	49	4,900	100	980	334,446	9,517,840	28.46
Lanark.....	25	2,500	100	500	179,269	3,591,368	20.03
Leeds.....	46	6,900	150	1,380	171,040	3,708,026	21.68
Lennox and Addington.....	35	3,500	100	700	164,003	3,451,792	21.05
Lincoln.....	27	6,534	242	1,307	112,878	3,304,087	29.27
Manitoulin.....	6	1,200	200	240	37,319	679,692	18.21
Middlesex.....	52	10,400	200	2,080	401,726	11,283,922	28.09
Muskoka.....	31	5,425	175	1,085	47,531	1,177,444	24.77
Nipissing.....	36	7,200	200	1,440	51,525	1,103,715	21.42
Norfolk.....	39	3,900	100	780	193,961	4,867,144	25.09
Northumberland.....	28	5,600	200	1,120	243,762	5,754,156	23.61
Ontario.....	47	7,050	150	1,410	295,787	6,971,717	23.57
Oxford.....	5	1,000	200	200	293,348	8,881,301	30.28
Parry Sound.....	25	4,375	175	875	62,990	1,413,962	22.45
Peel.....	44	5,500	125	1,100	191,634	5,433,704	28.35
Perth.....	6	1,200	200	240	327,342	8,513,504	26.01
Peterborough.....	20	2,000	100	400	170,548	3,736,560	21.91
Prescott.....	66	8,250	125	1,650	150,764	2,959,040	19.63
Prince Edward.....	6	600	100	120	130,712	2,891,888	22.12
Rainy River and Kenora.....	8	1,200	150	240	43,685	998,601	22.86
Renfrew.....	50	7,500	150	1,500	259,771	5,026,684	19.35
Russell.....	80	8,000	100	1,600	120,140	2,394,435	19.93
Simcoe.....	80	13,360	167	2,672	509,170	12,254,578	24.07
Stormont.....	28	4,200	150	840	109,888	2,304,756	20.97
Sudbury.....	49	6,125	125	1,225	51,856	1,157,704	22.33
Thunder Bay.....	26	2,600	100	520	36,286	1,089,209	30.02
Timiskaming and Cochrane.....	51	5,100	100	1,020	59,491	1,315,462	22.11
Victoria.....	35	7,000	200	1,400	200,616	4,231,068	21.09
Waterloo.....	16	2,400	150	480	210,286	6,607,142	31.42
Welland.....	34	5,100	150	1,020	132,255	3,083,612	23.32
Wellington.....	11	2,200	200	440	381,505	9,494,372	24.89
Wentworth.....	33	6,600	200	1,320	166,314	4,818,721	28.97
York.....	66	14,322	217	2,864	349,165	10,766,513	30.84
The Province:							
1926.....	1,672	253,966	152	50,793	10,434,401	257,686,886	24.70
1925.....	1,835	325,478	177	58,586	10,364,317	261,490,292	25.23

PASTURE, FALLOW, ORCHARD, SMALL FRUITS

TABLE XVIII.—Showing by County Municipalities the area in Cleared Pasture, Summer Fallow, Orchards and Small Fruits in 1926, together with totals for the Province for the past five years; also, the number of silos in each county in 1926.

Counties and Districts	Cleared pasture	Summer fallow	Orchard	Small fruits	Total	No. of silos
	Acres	Acres	Acres	Acres	Acres	
Algoma.....	8,798	805	324	94	10,021	30
Brant.....	24,293	2,740	3,754	624	31,411	813
Bruce.....	141,246	12,723	7,172	340	161,481	789
Carleton.....	86,713	400	1,608	254	88,975	1,470
Dufferin.....	55,079	4,483	1,988	126	61,676	108
Dundas.....	43,432	154	1,432	193	45,211	969
Durham.....	59,788	3,683	6,885	409	70,765	684
Elgin.....	76,695	2,158	6,981	969	86,803	1,291
Essex.....	39,372	2,266	5,974	1,129	48,741	398
Frontenac.....	79,608	345	1,252	190	81,395	410
Glengarry.....	47,365	69	932	136	48,502	623
Grenville.....	49,326	357	1,347	281	51,311	507
Grey.....	143,902	11,466	10,185	478	166,031	1,110
Haldimand.....	34,460	8,037	4,582	303	47,382	510
Haliburton.....	16,125	219	91	27	16,462	6
Halton.....	27,919	2,846	5,693	935	37,393	614
Hastings.....	110,510	1,262	5,143	488	117,403	593
Huron.....	162,313	5,975	12,190	563	181,041	1,257
Kent.....	73,423	2,466	5,355	1,041	82,285	691
Lambton.....	145,300	3,963	11,254	1,043	161,560	1,435
Lanark.....	114,332	252	1,143	263	115,990	1,145
Leeds.....	78,574	173	1,397	347	80,491	1,155
Lennox and Addington.....	71,282	1,621	1,739	327	74,969	307
Lincoln.....	19,390	4,997	11,141	5,181	40,709	516
Manitoulin.....	9,410	215	195	15	9,835	64
Middlesex.....	204,977	4,996	11,249	1,122	222,344	2,207
Muskoka.....	16,719	349	117	70	17,255	31
Nipissing.....	10,880	321	50	93	11,344	13
Norfolk.....	42,544	5,154	9,258	1,500	58,456	968
Northumberland.....	69,461	4,793	10,989	760	86,003	744
Ontario.....	59,681	3,256	5,554	486	68,977	1,528
Oxford.....	73,522	1,996	7,760	612	83,890	2,398
Parry Sound.....	17,460	667	100	76	18,303	29
Peel.....	46,063	5,663	4,493	885	57,104	701
Perth.....	91,622	9,118	5,627	311	106,678	1,090
Peterborough.....	62,878	3,302	1,675	195	68,050	604
Prescott.....	52,212	.....	744	159	53,115	586
Prince Edward.....	43,863	1,116	7,759	322	53,060	253
Rainy River and Kenora.....	6,186	172	16	39	6,413	7
Renfrew.....	90,850	1,831	699	219	93,599	590
Russell.....	35,926	.....	470	111	36,507	634
Simcoe.....	95,934	31,451	8,461	986	136,832	1,336
Stormont.....	44,328	29	1,045	177	45,579	686
Sudbury.....	7,985	171	24	41	8,221	7
Thunder Bay.....	4,677	234	55	48	5,014	12
Timiskaming and Cochrane.....	7,729	606	16	44	8,395	4
Victoria.....	62,553	2,914	1,831	254	67,552	676
Waterloo.....	27,180	4,874	4,143	353	36,550	1,255
Welland.....	21,927	9,225	5,573	1,304	38,029	574
Wellington.....	83,988	6,025	5,009	392	95,414	910
Wentworth.....	25,846	4,679	5,361	1,511	37,397	1,131
York.....	51,778	12,871	7,944	665	73,258	1,702
The Province:						
1926.....	3,077,424	189,488	215,779	*28,491	3,511,182	38,171
1925.....	3,193,941	162,649	223,343	*27,890	3,607,823	37,836
1924.....	3,317,532	179,527	229,708	27,315	3,754,082	37,218
1923.....	3,472,642	186,123	235,349	27,497	3,921,611	.....
1922.....	3,401,033	198,841	239,914	27,242	3,867,030	.....

*Including 7,274 acres in strawberries and 7,545 in vineyards in 1926, and 7,185 acres in strawberries and 6,558 in vineyards in 1925.

MARKET PRICES

TABLE XIX.—The following table shows by Counties the average prices of agricultural products for 1926, together with the average price for 1925.

Counties and Districts	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 (in ear) per bush.	Hay, per ton	Potatoes, per bush.
	cts.	cts.	cts.	cts.	cts.	¢ c.	cts.	cts.	cts.	¢ c.	cts.
Algoma.....	130.0	130.0	60.0	75.0	171.0	2 50	90.0	80.0	55.0	11 59	117.5
Brant.....	126.2	121.7	50.4	67.3	130.0	2 53	88.4	74.0	57.0	14 71	129.4
Bruce.....	125.6	125.6	51.1	70.4	144.0	2 60	88.3	79.5	58.4	11 97	87.8
Carleton.....	130.0	130.0	57.1	72.4	166.0	2 46	95.0	82.5	58.7	11 06	112.7
Dufferin.....	125.0	125.0	51.3	64.2	134.0	.....	87.8	74.4	56.7	13 94	69.8
Dundas.....	123.3	123.9	55.6	77.5	147.0	2 50	90.0	76.0	60.0	9 61	130.4
Durham.....	125.9	121.4	53.4	67.5	159.0	2 53	88.4	74.9	60.0	13 31	107.4
Elgin.....	123.4	124.0	48.5	68.8	171.0	2 34	84.2	77.1	55.3	14 12	139.8
Essex.....	122.5	119.0	42.4	62.3	162.0	2 38	90.0	81.5	47.3	17 56	138.8
Frontenac.....	129.0	129.4	52.2	72.5	161.0	2 50	91.6	80.6	59.3	11 20	128.8
Glengarry.....	130.0	123.0	53.6	76.4	171.0	2 55	.....	84.6	65.0	9 29	115.5
Grenville.....	123.8	122.7	56.2	72.8	154.0	2 50	90.0	78.9	60.0	10 22	128.9
Grey.....	125.8	124.7	51.3	68.4	137.0	2 60	86.7	75.0	57.1	11 94	89.8
Haldimand.....	126.9	122.6	50.4	71.0	150.0	2 40	87.3	82.6	59.2	12 14	146.3
Haliburton.....	130.0	130.0	66.1	77.1	152.0	2 50	90.0	78.6	60.0	15 96	112.8
Halton.....	125.8	123.1	55.0	72.7	140.0	2 50	88.3	76.7	60.0	15 85	124.9
Hastings.....	129.4	127.3	57.9	68.0	154.0	2 50	90.0	78.7	60.0	11 64	120.9
Huron.....	124.9	123.4	49.5	65.2	147.0	2 26	90.0	76.4	59.6	12 18	101.5
Kent.....	122.6	119.1	43.4	62.5	200.0	2 30	83.1	79.3	50.6	15 29	135.6
Lambton.....	123.3	123.3	46.1	63.0	141.0	2 40	90.0	83.8	59.0	12 44	128.3
Lanark.....	128.0	127.8	56.0	72.3	146.0	2 51	90.0	78.3	65.0	10 77	119.5
Leeds.....	130.7	128.0	55.5	75.8	143.0	2 24	90.0	80.0	59.4	12 05	139.3
Lennox and Addington.....	126.5	125.4	53.1	72.9	151.0	2 70	92.0	77.8	60.0	10 46	121.7
Lincoln.....	125.1	125.0	53.9	70.0	138.0	2 70	90.0	81.0	57.0	16 67	143.9
Manitoulin.....	125.4	128.8	65.0	80.0	138.0	2 50	90.0	87.0	60.0	10 40	82.1
Middlesex.....	125.1	124.0	45.7	64.4	125.0	2 49	86.6	75.3	52.1	13 43	118.8
Muskoka.....	130.0	130.0	70.0	80.0	175.0	2 50	90.0	80.0	60.0	15 30	111.5
Nipissing.....	130.0	130.0	65.0	80.0	152.0	2 50	90.0	85.0	55.0	14 75	119.1
Norfolk.....	124.1	123.3	51.9	64.9	160.0	2 40	86.2	76.7	54.6	14 68	126.3
Northumberland.....	123.7	122.0	54.6	70.2	152.0	2 60	87.0	73.6	60.0	11 63	123.7
Ontario.....	126.8	122.9	51.9	65.1	142.0	2 30	87.8	75.7	60.0	13 06	99.2
Oxford.....	125.2	126.0	52.0	71.0	137.0	2 50	86.2	75.2	53.8	13 57	140.6
Parry Sound.....	130.0	130.0	70.0	82.0	163.0	2 00	90.0	85.0	60.0	14 88	114.0
Peel.....	126.6	124.1	52.2	65.1	140.0	2 30	89.1	76.7	55.0	15 19	103.3
Perth.....	127.6	126.8	51.5	67.0	130.0	2 56	90.0	74.3	57.8	13 67	122.2
Peterborough.....	125.3	120.3	53.5	66.6	138.0	2 50	89.2	77.1	55.0	13 11	118.1
Prescott.....	130.0	130.0	54.2	73.7	183.0	2 46	90.0	86.0	65.0	9 06	108.0
Prince Edward.....	120.4	117.5	51.3	70.6	174.0	2 30	86.4	75.1	60.0	10 66	131.2
Rainy River & Kenora.....	130.0	130.0	58.3	71.2	169.0	2 25	85.0	75.0	55.0	15 50	92.2
Renfrew.....	123.0	124.8	51.1	68.1	163.0	2 75	82.6	73.0	65.0	10 65	118.0
Russell.....	130.0	130.0	54.4	73.9	167.0	2 57	90.0	84.0	65.0	9 81	120.0
Simcoe.....	126.1	123.0	52.1	64.4	145.0	2 50	86.8	75.6	54.0	13 82	92.0
Stormont.....	130.0	130.0	56.3	75.5	172.0	2 29	90.0	84.8	65.0	10 42	125.8
Sudbury.....	130.0	130.0	65.2	79.0	168.0	2 00	90.0	90.0	60.0	14 58	106.8
Thunder Bay.....	128.0	130.0	57.3	70.6	150.0	2 25	85.0	80.0	.....	18 50	110.0
Timiskaming & Cochrane.....	130.0	130.0	70.0	80.0	163.0	2 50	90.0	90.0	.....	14 88	136.7
Victoria.....	126.4	120.0	51.0	66.7	138.0	2 50	90.0	74.0	57.0	13 30	112.9
Waterloo.....	125.8	124.2	54.2	70.4	130.0	2 40	91.0	75.6	57.5	17 19	131.7
Welland.....	127.7	125.0	52.8	72.9	180.0	2 98	89.0	88.1	63.9	16 14	159.3
Wellington.....	125.3	122.2	50.5	66.7	134.0	2 50	88.8	77.1	55.6	15 40	98.3
Wentworth.....	125.8	121.3	53.8	67.2	130.0	2 70	87.0	79.8	57.3	14 94	136.0
York.....	128.8	125.2	54.1	68.4	141.0	2 60	89.4	78.9	59.3	15 96	103.5
The Province:											
1926.....	125.1	125.1	51.8	68.0	150.6	2 34	87.2	77.0	53.5	12 75	112.9
1925.....	133.6	133.0	45.2	68.1	135.5	2 11	87.1	73.2	55.7	11 61	136.9

HORSES ON HAND

TABLE XX.—Showing by County Municipalities the number and value of Horses on hand, June 15th, 1926, together with the totals for the Province for the past five years.

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
						\$
Algoma.....	28	1,492	1,258	173	2,951	367,305
Brant.....	38	4,094	3,982	456	8,570	901,414
Bruce.....	122	12,118	7,958	1,857	22,055	2,378,674
Carleton.....	121	8,300	6,391	1,406	16,218	1,830,543
Dufferin.....	46	5,812	4,015	950	10,823	1,119,561
Dundas.....	37	4,604	3,426	531	8,598	888,959
Durham.....	70	6,954	5,090	818	12,932	1,368,218
Elgin.....	62	8,028	6,507	996	15,593	1,676,320
Essex.....	142	9,294	6,637	1,087	17,160	1,918,168
Frontenac.....	40	4,801	3,685	663	9,189	894,529
Glengarry.....	74	4,877	2,790	718	8,459	929,031
Grenville.....	43	3,494	2,792	417	6,746	659,778
Grey.....	122	14,368	10,486	2,049	27,025	2,757,682
Haldimand.....	48	5,288	4,180	747	10,263	1,106,745
Haliburton.....	12	880	707	103	1,702	173,394
Halton.....	44	3,670	3,184	384	7,282	798,882
Hastings.....	136	8,570	7,670	967	17,343	1,876,449
Huron.....	95	14,617	10,032	2,502	27,246	3,039,685
Kent.....	104	11,558	9,354	1,759	22,775	2,588,134
Lambton.....	138	11,012	7,492	2,036	20,678	2,278,220
Lanark.....	66	5,580	4,420	709	10,775	1,116,012
Leeds.....	56	5,407	4,733	605	10,801	1,062,018
Lennox and Addington..	52	4,914	4,352	836	10,154	993,480
Lincoln.....	40	3,726	3,006	312	7,084	759,792
Manitoulin.....	13	1,093	844	173	2,123	231,148
Middlesex.....	131	15,267	10,554	2,711	28,663	3,031,157
Muskoka.....	19	1,381	1,300	131	2,831	353,897
Nipissing.....	62	1,443	964	149	2,618	331,549
Norfolk.....	64	6,440	5,457	768	12,729	1,298,309
Northumberland.....	86	7,654	6,583	999	15,322	1,650,543
Ontario.....	94	9,510	6,959	1,146	17,709	1,965,685
Oxford.....	70	9,662	7,824	1,186	18,742	2,011,604
Parry Sound.....	45	1,848	1,662	223	3,778	479,134
Peel.....	46	6,149	4,615	1,016	11,826	1,305,470
Perth.....	72	10,885	7,856	1,773	20,586	2,209,070
Peterborough.....	60	5,487	4,011	610	10,168	1,139,265
Prescott.....	65	3,968	2,684	583	7,300	752,838
Prince Edward.....	24	4,170	3,482	408	8,084	844,856
Rainy River and Kenora..	26	1,299	1,225	192	2,742	341,389
Renfrew.....	147	7,430	5,216	1,106	13,899	1,638,726
Russell.....	76	3,812	2,439	600	6,927	764,636
Simcoe.....	130	15,522	12,222	2,017	29,891	3,353,303
Stormont.....	38	3,608	2,829	380	6,855	670,720
Sudbury.....	52	1,437	966	134	2,589	344,827
Thunder Bay.....	41	851	950	66	1,908	239,874
Timiskaming & Cochrane	45	1,526	1,395	100	3,066	459,381
Victoria.....	60	6,532	5,085	883	12,560	1,338,819
Waterloo.....	64	6,585	5,465	941	13,055	1,305,886
Welland.....	41	3,986	3,446	430	7,903	884,224
Wellington.....	82	11,744	8,774	1,600	22,200	2,366,652
Wentworth.....	43	5,442	4,265	561	10,311	1,082,299
York.....	83	10,735	8,739	1,295	20,852	2,361,502
The Province:						
1926.....	3,515	328,924	251,958	45,262	629,659	68,239,756
1925.....	3,512	335,469	259,247	45,910	644,138	69,787,791
1924.....	3,671	344,370	266,560	49,274	663,875	72,617,565
1923.....	3,562	348,266	268,381	53,162	673,371	74,542,351
1922.....	3,569	350,998	272,442	58,843	685,852	74,535,855

CATTLE AND

TABLE XXI.—Showing by County Municipalities the number and value of Cattle

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
Algoma.....	335	6,139	351	1,526	1,692	3,298	842
Brant.....	725	16,196	632	4,309	2,999	5,990	947
Bruce.....	1,502	35,518	3,452	5,919	20,580	26,225	18,975
Carleton.....	2,375	46,119	2,456	9,651	4,948	15,755	4,347
Dufferin.....	712	16,056	1,707	2,667	8,627	11,419	5,926
Dundas.....	1,906	33,242	354	5,735	116	6,406	681
Durham.....	840	19,078	2,132	4,000	7,287	11,156	4,250
Elgin.....	1,612	33,507	1,146	6,900	4,778	11,681	4,744
Essex.....	932	21,618	1,709	4,504	1,700	5,991	1,264
Frontenac.....	1,935	31,744	1,300	5,722	2,026	10,850	972
Glengarry.....	2,148	32,914	725	6,348	374	7,176	656
Grenville.....	1,329	21,852	498	4,620	201	5,088	607
Grey.....	1,847	44,407	4,095	6,480	23,750	31,299	17,960
Haldimand.....	703	16,994	686	3,993	3,607	7,563	1,352
Haliburton.....	242	3,926	238	687	1,405	2,768	691
Halton.....	762	14,115	1,044	3,206	3,642	6,458	1,985
Hastings.....	3,186	47,070	1,692	9,949	2,445	17,303	2,259
Huron.....	1,741	41,881	4,018	7,248	22,332	28,690	17,937
Kent.....	905	23,043	3,151	4,492	7,180	11,620	7,704
Lambton.....	1,188	33,435	2,997	5,290	15,673	21,912	13,354
Lanark.....	1,616	28,467	2,794	6,996	7,992	15,926	5,934
Leeds.....	2,342	40,666	787	8,057	959	10,179	1,338
Lennox&Addington	1,534	27,214	805	4,667	2,238	9,397	1,354
Lincoln.....	401	10,965	481	2,090	911	3,386	378
Manitoulin.....	200	3,962	258	682	2,168	2,871	1,378
Middlesex.....	2,515	55,366	3,552	11,163	15,633	26,630	17,217
Muskoka.....	347	7,252	319	1,578	1,554	3,754	967
Nipissing.....	865	7,460	487	1,972	1,257	4,321	807
Norfolk.....	980	22,547	496	4,942	846	6,388	730
Northumberland...	1,685	28,892	1,764	6,706	4,696	12,439	3,010
Ontario.....	1,320	27,485	2,910	6,217	11,462	17,004	7,685
Oxford.....	2,568	48,555	1,763	10,877	3,877	14,152	4,075
Parry Sound.....	411	8,544	540	1,900	2,925	5,675	1,917
Peel.....	966	19,777	1,506	5,416	4,168	7,580	2,974
Perth.....	1,796	37,946	2,404	8,714	11,984	21,071	7,663
Peterborough.....	1,110	23,096	1,130	5,326	4,844	11,474	3,002
Prescott.....	2,008	29,957	664	6,228	433	7,552	812
Prince Edward.....	1,037	17,389	589	3,317	612	4,621	233
Rainy R. & Kenora	246	4,373	217	1,284	985	2,430	526
Renfrew.....	2,677	31,757	3,812	7,116	8,996	19,353	6,337
Russell.....	1,722	25,835	671	5,976	909	7,465	825
Simcoe.....	2,035	45,570	4,296	9,447	18,696	27,228	12,480
Stormont.....	1,735	29,986	501	4,656	194	5,178	667
Sudbury.....	732	6,705	481	1,698	856	3,607	461
Thunder Bay.....	196	4,575	90	942	106	1,519	72
Timis'g & Cochrane	478	5,429	325	1,684	1,090	3,425	310
Victoria.....	845	21,565	1,722	4,265	9,677	13,792	9,714
Waterloo.....	1,001	20,492	783	4,678	5,362	10,662	1,684
Welland.....	583	12,899	510	2,662	1,109	3,760	688
Wellington.....	1,380	30,836	3,689	5,426	16,834	21,177	8,673
Wentworth.....	820	18,184	577	4,297	2,214	5,742	1,077
York.....	1,778	37,836	1,718	8,710	3,847	11,239	3,668
The Province:							
1926.....	66,854	*1,280,436	77,024	262,935	284,796	569,645	216,109
1925.....	68,515	*1,232,679	89,014	264,104	292,210	575,466	287,385
1924.....	70,838	1,203,527	100,982	271,755	306,463	592,408	371,329
1923.....	69,308	†1,265,965	.....	.....	.....	626,553	†876,261
1922.....	69,077	†1,235,665	.....	.....	.....	626,353	†905,086

‡Milch cows. †Including yearlings. *Including dual purpose cows.

SHEEP ON HAND

on hand, June 15th, 1926, together with the totals for the Province for the past five years.

Total Cattle		Sheep and Lambs				Total Sheep and Lambs		Counties and Districts
Number	Value	Ewes for breeding	1 year and over	Under 1 year	Number				Value
	\$					\$		
14,183	530,200	3,852	380	4,008	8,240	74,796	Algoma	
31,798	1,450,606	4,682	535	5,112	10,329	113,898	Brant	
112,171	4,588,681	19,241	1,797	20,046	41,084	450,468	Bruce	
85,651	3,599,227	9,605	1,343	9,543	20,491	232,685	Carleton	
47,114	1,774,894	12,942	1,518	13,410	27,870	319,241	Dufferin	
48,440	2,400,300	815	77	949	1,841	18,119	Dundas	
48,743	1,995,414	10,632	1,803	11,175	23,610	279,235	Durham	
64,368	3,053,285	10,187	1,032	9,980	21,199	239,287	Elgin	
37,718	1,843,187	8,309	714	8,860	17,883	181,791	Essex	
54,549	1,929,143	7,054	720	7,509	15,283	154,777	Frontenac	
50,341	2,291,376	2,356	677	2,570	5,603	54,713	Glengarry	
34,195	1,466,526	3,922	299	4,395	8,616	89,380	Grenville	
129,838	4,970,868	28,890	3,308	31,658	63,856	720,766	Grey	
34,898	1,592,855	6,077	856	6,887	13,820	149,152	Haldimand	
9,957	280,973	2,862	372	2,692	5,926	51,260	Haliburton	
31,212	1,424,530	5,127	580	5,357	11,064	135,664	Halton	
83,904	2,942,759	14,171	1,578	13,858	29,607	293,080	Hastings	
123,847	5,168,433	10,462	1,345	11,752	23,559	280,952	Huron	
58,095	2,508,562	8,089	1,007	8,221	17,317	188,648	Kent	
93,849	4,153,733	12,528	1,364	13,539	27,431	322,306	Lambton	
69,725	2,342,339	17,141	1,365	16,740	35,246	393,396	Lanark	
64,328	2,603,972	5,530	531	5,592	11,653	130,190	Leeds	
47,209	1,895,929	5,183	714	5,283	11,180	117,157	Lennox and Addington	
18,612	979,881	3,166	549	3,492	7,207	84,585	Lincoln	
11,519	376,826	6,793	772	7,240	14,805	139,203	Manitoulin	
132,076	6,003,916	9,875	2,282	10,693	22,850	279,439	Middlesex	
15,771	545,533	3,664	476	3,598	7,738	72,045	Muskoka	
17,169	550,023	4,387	522	4,350	9,259	80,358	Nipissing	
36,929	1,733,232	4,111	488	4,368	8,967	89,445	Norfolk	
59,192	2,493,857	6,711	1,102	7,295	15,108	166,100	Northumberland	
74,083	3,124,424	14,028	2,694	14,625	31,347	394,411	Ontario	
85,867	4,439,977	3,426	636	3,886	7,948	92,384	Oxford	
21,912	733,195	8,200	849	7,952	17,001	158,402	Parry Sound	
42,387	2,059,401	5,289	532	5,569	11,390	135,783	Peel	
91,578	3,777,035	3,716	634	4,288	8,638	96,640	Perth	
49,982	1,800,905	6,028	890	6,242	13,160	139,564	Peterborough	
47,654	1,896,710	1,907	686	2,686	5,279	45,092	Prescott	
27,798	1,303,863	4,440	410	4,487	9,337	99,408	Prince Edward	
10,061	324,862	1,512	186	1,593	3,291	32,538	Rainy River & Kenora	
80,048	2,364,658	26,932	4,074	27,145	58,151	546,795	Renfrew	
43,403	1,780,892	2,084	694	2,490	5,268	52,922	Russell	
119,752	4,709,403	25,945	2,703	26,534	55,182	594,572	Simcoe	
42,917	1,935,214	1,057	264	1,255	2,576	25,143	Stormont	
14,540	485,827	1,372	502	2,019	3,893	32,507	Sudbury	
7,500	333,901	514	15	400	929	8,759	Thunder Bay	
12,741	543,312	2,371	326	2,351	5,048	54,593	Timiska'g & Cochrane	
61,580	2,191,456	12,020	1,744	11,776	25,540	283,926	Victoria	
44,662	1,975,351	2,345	412	2,640	5,397	59,308	Waterloo	
22,211	1,085,012	3,410	264	3,545	7,219	73,727	Welland	
88,015	3,793,829	14,875	1,898	16,619	33,392	414,026	Wellington	
32,911	1,668,851	3,842	385	4,102	8,329	96,095	Wentworth	
68,796	3,567,076	14,400	1,146	13,980	29,526	349,954	York	
							The Province:	
2,757,799	115,386,214	408,077	52,050	426,356	886,483	9,688,685	.....1926
2,809,373	115,844,069	406,894	43,653	417,979	868,526	9,576,722	.....1925
2,917,302	113,046,599			429,899	870,279	7,081,500	.....1924
2,838,087	109,467,066	440,380		443,124	907,673	6,597,087	.....1923
2,836,181	103,899,416	464,549		485,298	986,617	6,612,959	.....1922
		501,319						

SWINE ON HAND

TABLE XXII.—Showing by County Municipalities the number and value of Swine on hand, June 15th, 1926, together with the totals for the Province for the past five years.

Counties and Districts	Brood Sows	Other Swine		Total Swine	
		Six mos. and over	Under 6 mos.	Number	Value
					\$
Algoma.....	564	404	3,050	4,018	47,743
Brant.....	2,361	2,751	14,617	19,729	299,002
Bruce.....	6,400	9,074	40,405	55,879	857,481
Carleton.....	4,116	2,156	26,662	32,934	408,719
Dufferin.....	3,620	5,934	25,948	35,502	509,533
Dundas.....	2,431	3,389	15,414	21,234	296,390
Durham.....	3,320	4,303	21,087	28,710	410,961
Elgin.....	5,422	8,473	35,020	48,915	669,492
Essex.....	10,988	19,800	64,238	95,026	1,272,482
Frontenac.....	2,445	2,542	14,482	19,469	245,168
Glengarry.....	2,404	2,665	15,339	20,408	267,775
Grenville.....	1,596	1,618	10,386	13,600	188,506
Grey.....	8,762	12,049	55,994	76,805	1,151,747
Haldimand.....	2,731	3,016	17,942	23,689	339,089
Haliburton.....	300	323	1,366	1,989	24,311
Halton.....	2,026	3,112	13,501	18,639	293,544
Hastings.....	5,976	5,548	39,584	51,108	671,084
Huron.....	8,646	12,344	54,417	75,407	1,139,733
Kent.....	12,066	21,473	74,538	108,077	1,416,238
Lambton.....	7,129	12,383	47,376	66,888	954,688
Lanark.....	2,570	2,113	17,566	22,249	281,683
Leeds.....	2,697	2,464	17,218	22,379	288,888
Lennox and Addington..	2,695	2,118	17,175	21,988	298,533
Lincoln.....	1,503	1,400	9,360	12,263	181,129
Manitoulin.....	483	404	2,864	3,751	37,407
Middlesex.....	7,337	8,753	49,134	65,224	961,867
Muskoka.....	408	454	2,062	2,924	41,515
Nipissing.....	903	659	5,091	6,653	74,961
Norfolk.....	3,556	4,531	20,766	28,853	406,207
Northumberland.....	4,479	2,835	30,834	38,148	515,320
Ontario.....	5,937	9,794	37,627	53,358	804,813
Oxford.....	6,228	9,275	40,328	55,831	798,110
Parry Sound.....	650	532	4,374	5,556	61,305
Peel.....	2,603	3,332	18,367	24,302	376,896
Perth.....	8,057	11,518	53,377	72,952	1,088,765
Peterborough.....	2,608	2,342	16,565	21,515	294,626
Prescott.....	2,237	2,325	14,838	19,400	255,440
Prince Edward.....	2,383	1,405	14,578	18,366	254,353
Rainy River and Kenora	447	484	2,222	3,153	42,247
Renfrew.....	3,675	3,079	20,497	27,251	319,754
Russell.....	2,216	1,847	14,447	18,510	224,437
Simcoe.....	9,672	13,083	64,473	87,228	1,258,716
Stormont.....	2,497	2,712	16,117	21,326	276,764
Sudbury.....	846	530	4,067	5,443	68,469
Thunder Bay.....	310	287	1,627	2,224	29,963
Timiskaming & Cochrane	860	741	4,032	5,633	76,748
Victoria.....	3,422	4,621	21,830	29,873	437,344
Waterloo.....	5,172	9,547	31,645	46,364	699,246
Welland.....	1,703	2,019	9,263	12,985	190,935
Wellington.....	8,223	12,260	54,367	74,850	1,127,468
Wentworth.....	2,888	3,298	18,797	24,983	369,256
York.....	7,069	10,520	44,205	61,794	918,275
The Province:					
1926.....	199,637	264,639	1,271,079	1,735,355	24,525,126
1925.....	190,210	323,449	1,164,936	1,678,595	24,424,238
1924.....	199,860		1,608,043	1,807,903	16,201,699
1923.....	178,375		1,821,089	1,734,734	19,018,668
1922.....	172,947		1,755,390	1,553,434	16,550,636

POULTRY ON HAND

TABLE XXIII.—Showing by County Municipalities the number and value of Poultry on hand, June 15th, 1926, together with the totals for the Province for the past five years.

Counties and Districts	Turkeys	Geese	Ducks	Other Fowls	Total Poultry	
					Number	Value
						\$
Algoma.....	3,643	1,235	875	65,523	71,276	53,863
Brant.....	1,608	7,280	5,753	200,000	214,641	146,446
Bruce.....	20,548	21,447	19,096	515,357	576,448	412,690
Carleton.....	13,640	19,413	13,823	377,278	424,154	332,208
Dufferin.....	2,471	18,042	7,246	203,488	231,247	171,005
Dundas.....	9,520	9,180	7,334	259,257	285,291	204,406
Durham.....	3,645	13,969	12,185	336,612	366,411	257,435
Elgin.....	15,010	14,106	14,329	457,388	500,833	359,923
Essex.....	14,354	22,786	33,383	761,465	831,988	584,293
Frontenac.....	28,542	4,124	6,773	171,471	210,910	163,310
Glengarry.....	16,320	2,475	3,451	188,904	211,150	158,642
Grenville.....	9,764	5,707	6,734	182,033	204,238	148,623
Grey.....	14,917	30,970	23,223	579,942	649,052	450,745
Haldimand.....	12,070	7,135	8,579	320,529	348,313	241,658
Haliburton.....	2,273	722	161	26,176	29,332	21,273
Halton.....	2,656	9,881	5,881	176,224	194,642	147,074
Hastings.....	12,937	10,590	8,610	388,121	420,258	284,816
Huron.....	9,271	26,454	28,718	820,519	884,962	587,472
Kent.....	13,114	19,639	36,327	761,398	830,478	546,412
Lambton.....	38,200	27,250	29,564	742,430	837,444	575,412
Lanark.....	10,694	4,827	4,434	246,465	266,420	195,131
Leeds.....	21,179	4,935	7,778	229,840	263,732	192,699
Lennox and Addington.....	9,790	4,655	6,223	257,126	277,794	191,564
Lincoln.....	5,459	5,033	5,734	213,796	230,022	159,456
Manitoulin.....	8,659	1,737	906	37,249	48,551	39,637
Middlesex.....	33,356	30,418	34,771	894,545	993,090	695,994
Muskoka.....	1,372	1,001	1,038	62,426	65,837	45,963
Nipissing.....	572	1,105	632	52,107	54,416	36,962
Norfolk.....	8,398	5,639	9,368	386,769	410,174	268,815
Northumberland.....	7,470	9,274	11,205	368,591	396,540	272,466
Ontario.....	6,666	19,453	17,270	402,186	445,575	333,877
Oxford.....	1,794	13,869	15,290	545,272	576,225	380,937
Parry Sound.....	2,394	2,955	1,211	63,675	70,235	53,255
Peel.....	5,292	13,462	11,993	251,830	282,577	213,043
Perth.....	1,739	19,932	21,702	552,788	596,161	382,281
Peterborough.....	12,829	7,676	4,924	223,323	248,752	172,784
Prescott.....	11,473	4,402	4,805	184,587	205,267	147,890
Prince Edward.....	7,633	2,831	5,903	183,409	199,776	140,169
Rainy River and Kenora.....	5,134	1,348	430	62,117	69,029	47,380
Renfrew.....	11,582	10,338	3,909	264,443	290,272	207,335
Russell.....	1,309	6,712	6,817	150,412	165,250	114,439
Simcoe.....	15,696	31,546	20,202	594,568	662,012	484,633
Stormont.....	8,485	4,339	5,944	211,849	230,617	161,394
Sudbury.....	1,356	948	191	50,810	53,305	37,966
Thunder Bay.....	994	738	1,005	52,698	55,435	35,932
Timiskaming & Cochrane.....	2,473	2,021	1,276	56,696	62,466	49,011
Victoria.....	7,627	14,892	8,089	266,518	297,126	205,192
Waterloo.....	440	7,397	7,844	313,222	328,903	206,060
Welland.....	2,536	4,120	7,861	246,576	261,093	189,960
Wellington.....	1,984	27,785	14,801	441,690	486,260	337,416
Wentworth.....	2,576	5,625	7,180	232,309	247,690	170,075
York.....	6,517	23,733	21,349	477,731	529,330	383,563
The Province:						
1926.....	469,981	567,151	544,130	16,111,738	17,693,000	12,400,985
1925.....	480,612	555,720	558,742	16,183,507	17,778,581	13,527,454
1924.....	484,575	520,390	559,199	15,187,181	16,751,345	13,446,621
1923.....	364,425	467,749	449,486	13,921,724	15,203,384	12,401,083
1922.....	336,447	446,487	440,539	12,740,844	13,964,317	12,241,252

FARM PROPERTY, IMPLEMENTS AND LIVE STOCK

TABLE XXIV.—Showing by County Municipalities of Ontario the value of farm lands, buildings, implements and live stock for 1926, together with the totals for the Province for 1925.

Counties and Districts	Land	Buildings	Implements	Live Stock on hand	Total
	\$	\$	\$	\$	\$
Algoma	4,735,888	1,913,521	812,676	1,073,907	8,535,992
Brant	10,991,444	7,308,798	2,284,761	2,911,366	23,496,369
Bruce	30,041,053	16,871,094	5,015,792	8,687,994	60,615,933
Carleton	26,719,545	12,844,333	4,462,554	6,403,382	50,429,814
Dufferin	12,689,777	8,631,147	2,534,636	3,894,234	27,749,794
Dundas	11,312,867	6,751,068	2,771,711	3,808,174	24,643,820
Durham	13,570,832	8,847,528	2,925,012	4,311,263	29,654,635
Elgin	23,065,528	13,164,424	4,262,497	5,998,307	46,490,756
Essex	33,381,947	17,598,396	5,576,879	5,799,921	62,357,143
Frontenac	10,198,703	5,104,067	2,023,513	3,386,927	20,713,210
Glengarry	12,253,471	6,486,028	2,426,645	3,701,537	24,867,681
Grenville	7,179,799	4,589,389	1,777,530	2,552,813	16,099,531
Grey	33,403,580	21,507,582	6,248,607	10,051,808	71,211,577
Haldimand	12,774,685	8,171,236	2,730,364	3,429,499	27,105,784
Haliburton	1,745,858	696,465	359,858	551,211	3,353,392
Halton	12,610,597	8,064,025	2,373,875	2,799,694	25,848,191
Hastings	18,843,794	10,163,503	3,989,400	6,068,188	39,064,885
Huron	33,675,744	21,060,709	6,781,037	10,216,275	71,733,765
Kent	45,311,670	19,965,540	6,973,856	7,247,994	79,499,060
Lambton	33,892,790	16,329,185	5,643,556	8,284,359	64,149,890
Lanark	11,494,135	5,807,192	2,427,170	4,328,561	24,057,058
Leeds	12,954,262	6,958,285	2,557,917	4,277,767	26,748,231
Lennox and Addington	10,506,191	6,152,563	2,365,527	3,496,663	22,520,944
Lincoln	15,100,690	7,955,532	2,390,074	2,164,843	27,611,139
Manitoulin	2,791,691	991,037	464,482	824,221	5,071,431
Middlesex	43,072,913	24,881,398	7,693,951	10,972,373	86,620,635
Muskoka	3,838,382	1,743,761	775,585	1,058,953	7,416,681
Nipissing	4,116,770	1,698,524	891,545	1,073,853	7,780,692
Norfolk	15,391,931	8,843,962	3,151,486	3,796,008	31,183,387
Northumberland	15,310,932	9,870,313	3,430,871	5,098,286	33,710,312
Ontario	21,286,273	13,383,640	4,109,837	6,623,210	45,402,960
Oxford	25,843,743	17,043,121	5,465,632	7,723,012	56,075,508
Parry Sound	4,329,960	2,086,044	934,754	1,485,291	8,836,049
Peel	17,592,745	10,496,996	3,045,784	4,090,593	35,226,118
Perth	24,798,946	18,958,117	5,619,313	7,553,791	56,930,167
Peterborough	13,787,531	7,066,112	2,392,474	3,547,144	26,793,261
Prescott	14,276,441	6,374,195	2,315,019	3,097,970	26,063,625
Prince Edward	8,475,452	5,631,049	2,300,102	2,642,649	19,049,252
Rainy River and Kenora	4,610,027	1,475,533	714,090	788,416	7,588,066
Renfrew	19,075,094	8,399,471	3,742,222	5,077,268	36,294,055
Russell	11,895,241	5,544,537	1,958,713	2,937,326	22,335,817
Simcoe	36,710,082	22,151,698	6,883,688	10,400,627	76,146,095
Stormont	9,388,944	5,760,144	2,304,284	3,069,217	20,522,589
Sudbury	4,678,206	1,609,051	919,303	969,596	8,176,156
Thunder Bay	4,274,448	1,530,657	687,180	648,429	7,140,714
Timiskaming & Cochrane	7,617,924	1,974,498	1,175,499	1,183,045	11,950,966
Victoria	15,384,857	7,659,407	2,856,835	4,456,737	30,357,836
Waterloo	16,014,755	11,551,448	3,120,575	4,245,869	34,932,647
Welland	12,087,012	7,442,407	2,430,957	2,423,858	24,384,234
Wellington	25,145,032	18,654,666	4,990,691	8,039,391	56,829,780
Wentworth	16,144,499	9,142,895	3,046,699	3,386,576	31,720,669
York	34,783,046	18,644,853	5,341,467	7,580,370	66,349,736
The Province:					
1926	871,177,637	493,551,144	164,478,485	230,240,766	1,759,448,032
1925	879,212,498	490,027,751	164,188,030	233,160,274	1,766,588,553

APPENDIX

Comparative Farm Statistics for Forty-five
Years—1882 to 1926

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 1926, together with the annual average for the various periods of ten years, and the average for the forty-five years.

Years	Fall Wheat				Spring Wheat			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market Value
				\$				\$
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	20,717,631	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:								
1922-1926.....	761,545	19,908,282	26.1	23,984,578	113,209	2,118,596	18.7	2,539,429
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
1892-1901.....	930,794	18,668,313	20.1	12,650,091	356,355	5,405,846	15.2	3,650,840
1882-1891.....	902,846	18,059,235	20.0	16,250,884	563,547	8,882,998	15.8	7,959,306
1882-1926.....	797,930	17,524,131	22.0	17,132,863	301,532	4,939,467	16.4	4,828,707

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 1926, together with the annual averages for the various periods of ten years and the average for the forty-five years.

Years	Oats				Barley			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
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	122,575,191	39.6	36,555,194	462,176	10,149,353	22.0	6,665,865
1920	2,880,053	79,171,312	27.5	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	19,983,129	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	39.9	36,836,095	756,163	25,253,011	33.4	11,363,855
1905	2,668,416	105,563,572	39.6	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	32,193,097	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:								
1922-1926	2,912,528	109,518,148	37.6	52,461,542	442,213	14,285,997	32.3	9,800,767
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
1892-1901	2,291,902	79,229,462	34.6	22,119,649	498,932	13,100,823	26.3	5,037,346
1882-1891	1,663,205	58,410,603	35.1	21,017,492	743,245	19,349,351	26.0	10,547,091
1882-1926	2,425,100	87,305,494	36.0	36,679,932	608,954	17,410,405	28.6	10,223,517

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 1926, together with the annual average for the various periods of ten years, and the average for the forty-five years.

Years	Peas				Beans			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
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	798,323
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:								
1922-1926.....	117,048	2,210,313	18.9	3,186,259	49,195	817,367	16.6	1,884,304
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
1892-1901.....	769,819	14,242,404	18.5	7,613,480	51,654	875,597	17.0	818,381
1882-1891.....	668,962	13,908,658	20.8	8,573,501	26,201	469,393	17.9	545,087
1882-1926.....	449,108	8,559,158	19.1	5,967,249	46,931	758,995	16.2	1,430,087

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 1926, together with the annual average for the various periods of ten years and the average for the forty-five years.

Years	Rye				Buckwheat			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
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.....	133,090	2,349,880	17.7	3,336,240	143,204	3,190,478	22.3	3,367,161
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	2,315,531	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:								
1922-1926.....	117,542	2,019,448	17.2	1,755,108	232,288	5,256,404	22.6	4,063,671
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
1892-1901.....	129,188	2,088,786	16.2	937,885	131,005	2,450,389	18.7	949,189
1882-1891.....	103,636	1,683,211	16.2	1,010,057	69,230	1,413,900	20.4	586,472
1882-1926.....	119,284	1,970,471	16.5	1,425,431	141,254	2,957,055	20.9	1,953,936

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 1926, together with the average 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
				\$				\$
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:								
1922-1926.....	7,088	78,803	11.1	163,909	659,912	25,675,677	38.9	15,932,327
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
1907-1926.....	9,405	.....	.....	.....	545,114	19,877,614	36.5	13,974,728

*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 nine years, 1918-1926, was 10,408 acres, yielding 112,371 bushels, valued at \$373,546.

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 1926, together with the annual averages for the various periods of ten years and the average for the thirty-five years.

Years	Corn for Husking				Corn for Silo			
	Acres	Bushels (in the ear)	Per acre	Market value \$	Acres	Tons, green	Per acre	Market value \$
1926..	179,325	10,329,439	57.6	5,529,069	367,772	3,497,071	9.51	15,736,820
1925..	207,767	14,604,467	70.3	8,131,617	373,133	3,614,233	9.69	15,360,490
1924..	263,615	16,711,996	63.4	11,737,059	403,060	3,977,017	9.87	17,896,577
1923..	285,335	19,292,244	67.6	9,710,461	409,628	3,651,102	8.91	14,604,408
1922..	265,018	18,459,363	69.7	8,609,503	438,819	4,413,191	10.06	17,652,764
1921..	250,684	20,313,661	81.0	8,012,455	438,343	5,015,082	11.44	25,075,410
1920..	243,909	19,372,277	79.4	12,867,119	449,176	4,668,054	10.39	23,340,270
1919..	221,004	15,152,475	68.6	16,400,838	399,549	4,013,946	10.05	20,069,730
1918..	195,310	13,015,072	66.6	13,650,415	380,946	3,944,313	10.35	17,749,409
1917..	258,935	11,513,512	44.5	14,278,407	511,329	4,587,176	8.97	18,348,704
1916..	258,332	12,717,072	49.2	9,446,060	439,411	3,276,185	7.46	10,647,610
1915..	309,773	21,760,496	70.2	9,885,292	443,736	4,874,377	10.98	12,185,943
1914..	290,817	23,232,360	80.0	10,622,455	418,105	4,751,223	11.36	11,878,058
1913..	299,871	22,214,014	74.1	9,545,538	388,138	4,059,345	10.46	10,148,363
1912..	301,251	21,969,468	72.9	8,162,565	377,982	3,969,597	10.50	9,923,993
1911..	308,350	21,913,290	71.7	9,693,994	335,935	3,764,227	11.21	9,410,568
1910..	320,519	24,900,386	77.7	9,301,245	326,627	3,788,364	11.60	7,576,728
1909..	322,789	22,619,690	70.1	9,705,826	288,346	3,374,655	11.70	6,749,310
1908..	299,690	23,601,122	78.8	9,440,336	233,753	2,729,265	11.68	5,458,530
1907..	338,573	21,899,466	64.7	6,219,448	200,354	2,029,547	10.13	4,059,094
1906..	289,456	23,988,682	82.9	9,019,744	180,796	2,149,413	11.89	4,298,826
1905..	295,005	20,922,919	70.9	7,720,557	184,784	2,284,812	12.36	4,569,624
1904..	329,882	20,241,914	61.4	7,570,476	193,115	2,023,340	10.48	4,046,680
1903..	378,924	29,287,888	77.3	10,807,230	209,727	2,564,400	12.23	5,128,800
1902..	371,959	20,512,194	55.1	8,327,951	209,859	2,611,334	12.44	5,222,668
1901..	323,923	24,838,105	76.7	9,438,480	197,932	2,359,514	11.92	4,719,028
1900..	330,772	27,093,561	81.9	8,588,659	179,798	2,147,532	11.94	4,295,064
1899..	333,590	21,673,234	65.0	4,291,300	171,935	1,697,755	9.87	3,395,510
1898..	330,748	23,442,593	70.9	4,711,961	189,948	2,128,073	11.20	4,256,146
1897..	335,030	24,663,998	73.6	4,858,808	209,005	2,669,822	12.77	5,339,644
1896..	317,667	24,071,364	75.8	4,717,987	178,962	1,948,780	10.89	3,897,560
1895..	302,929	24,819,899	81.9	5,609,297	149,899	1,775,654	11.85	3,551,308
1894..	267,348	16,275,352	60.9	4,247,867	111,361	1,049,765	9.43	2,099,530
1893..	217,294	14,072,961	64.8	3,729,335	95,865	1,049,524	10.95	2,099,048
1892..	181,463	11,229,498	61.9	2,953,358	91,403	948,907	10.38	1,897,814
Annual Averages:								
1922-1926..	240,212	15,879,502	66.1	8,743,542	398,482	3,830,523	9.61	16,250,212
1912-1921..	262,989	18,126,041	68.9	11,287,114	424,672	4,315,930	10.16	15,936,749
1902-1911..	325,515	22,988,755	70.6	8,780,681	236,330	2,731,936	11.56	5,652,083
1892-1901..	294,076	21,218,057	72.2	5,314,705	157,611	1,777,533	11.28	3,555,065
1892-1926..	286,482	20,077,887	70.1	8,501,220	290,815	3,068,760	10.55	9,505,429

*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 forty-five years, 1882-1926, is 492,537 acres, the average value of the produce for the same period being \$14,828,419.

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 1926, together with the annual averages for the various periods of ten years and the average for the forty-five years.

Years	Potatoes				Turnips			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
1926	153,468	16,496,290	107.5	18,627,771	71,500	23,204,013	325	4,640,803
1925	163,790	15,714,786	95.9	21,513,125	73,318	28,015,466	382	5,042,784
1924	169,145	24,966,530	147.6	13,355,441	70,110	32,547,607	464	5,533,093
1923	164,682	19,131,980	116.2	14,306,447	65,193	27,099,910	416	5,419,982
1922	172,858	20,349,541	117.7	10,385,525	67,635	29,923,528	442	5,984,706
1921	164,096	15,400,142	93.8	13,589,599	70,715	24,265,547	343	6,673,025
1920	157,509	23,961,709	152.1	23,776,530	80,588	40,141,406	498	11,038,887
1919	157,286	15,144,921	96.3	25,026,467	85,312	28,740,526	337	7,903,645
1918	166,203	19,375,947	116.6	19,238,431	85,449	42,190,382	494	10,547,596
1917	146,481	18,291,735	124.9	22,530,291	93,034	39,989,556	430	7,997,911
1916	139,523	7,408,429	53.1	9,684,215	91,670	24,067,699	263	3,369,478
1915	173,934	13,267,023	76.3	10,805,026	97,451	46,598,851	478	4,659,885
1914	167,591	26,717,587	159.4	11,747,332	95,371	46,336,708	486	4,633,671
1913	159,661	19,024,115	119.2	12,114,656	97,572	41,889,894	429	4,188,989
1912	158,888	21,346,394	134.3	13,604,052	101,529	49,561,566	488	4,956,157
1911	162,457	13,918,698	85.7	11,722,539	100,593	39,664,275	394	3,966,428
1910	168,454	21,927,804	130.2	10,798,597	108,360	49,425,472	456	4,942,547
1909	169,695	24,645,283	145.2	8,989,452	113,400	50,738,940	447	5,073,894
1908	166,974	18,517,642	110.9	8,874,201	120,920	41,210,189	341	4,121,019
1907	177,186	20,057,675	113.2	11,693,625	123,011	48,205,605	392	4,820,561
1906	136,064	15,020,299	110.4	8,080,921	132,512	57,060,151	431	5,706,015
1905	132,530	14,366,049	108.4	6,608,383	135,348	57,654,086	426	5,765,409
1904	133,819	15,479,122	115.7	7,847,915	133,207	64,861,703	487	6,486,170
1903	139,011	16,676,447	120.0	7,354,313	134,469	69,316,341	515	6,931,634
1902	144,733	12,942,502	89.4	7,312,514	136,725	71,740,204	525	7,174,020
1901	154,155	18,116,637	117.5	7,717,687	145,909	68,287,467	468	6,828,747
1900	163,754	21,476,439	131.2	5,605,351	156,583	59,330,395	379	5,933,040
1899	168,148	19,933,366	118.5	6,538,144	153,440	58,078,390	379	5,807,839
1898	169,946	14,358,625	84.5	6,332,154	151,601	64,727,882	427	6,472,788
1897	169,333	16,100,797	95.1	6,424,218	149,336	68,297,148	457	6,829,715
1896	178,965	21,305,477	119.0	5,582,035	148,234	69,814,841	471	6,981,484
1895	184,647	29,390,884	159.2	5,936,959	151,806	63,496,702	418	6,349,670
1894	167,253	17,163,130	102.6	6,075,748	147,657	61,694,487	418	6,169,449
1893	142,601	12,911,212	90.5	5,099,929	136,604	56,975,355	417	5,697,535
1892	145,703	12,289,817	84.3	6,194,068	129,627	63,541,641	490	6,354,164
1891	160,218	24,055,886	150.1	7,842,219	126,075	68,853,452	546	6,885,345
1890	158,094	17,561,117	111.1	7,779,575	111,055	47,400,563	424	4,704,056
1889	145,812	14,355,529	98.5	6,531,766	111,103	37,021,260	333	3,702,126
1888	153,915	22,273,607	144.7	7,060,733	113,188	47,640,237	421	4,764,024
1887	140,283	10,678,000	76.1	6,705,784	105,322	31,113,456	298	3,141,346
1886	140,143	16,012,358	114.3	7,189,548	98,931	47,061,053	476	4,706,105
1885	159,741	21,091,144	132.0	8,668,460	102,303	41,137,735	402	4,113,774
1884	168,757	27,546,261	163.2	11,018,504	104,199	44,406,363	426	4,440,636
1883	166,823	16,400,782	98.3	10,168,485	98,429	29,879,354	304	2,987,935
1882	160,700	18,432,145	114.7	11,796,573	78,823	35,359,331	448	3,535,933
Annual Averages:								
1922-1926	164,789	19,331,825	117.3	15,637,662	69,551	28,158,105	405	5,324,274
1912-1921	159,117	17,993,800	113.1	16,211,660	89,869	38,378,214	427	6,596,924
1902-1911	153,092	17,355,152	113.4	8,928,246	123,855	54,987,697	444	5,498,770
1892-1901	164,451	18,304,638	111.3	6,150,629	147,080	63,424,431	431	6,342,443
1882-1891	155,449	18,840,683	121.2	8,476,165	104,943	42,981,280	410	4,298,128
1882-1926	158,778	18,257,819	115.0	10,574,562	111,227	47,522,372	427	5,644,089

STATISTICS OF FARM CROPS

MANGELS AND SUGAR BEETS

The following table gives the area, produce and market value of Mangels for the years 1882 to 1926, and of Sugar Beets for the years 1907 to 1926, together with the annual average for the various periods of ten years and the average for the full period.

Years	Mangels				Sugar Beets			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
1926	34,009	13,548,484	398	2,709,697	41,594	18,831,084	453	3,766,217
1925	35,385	14,881,069	421	2,678,592	37,718	16,686,713	442	3,003,608
1924	35,958	15,616,128	434	2,654,742	36,080	13,346,456	370	2,272,570
1923	35,118	14,865,791	423	2,973,158	22,450	8,647,615	385	1,729,523
1922	35,274	16,366,353	464	3,273,271	20,725	7,616,281	367	1,523,246
1921	31,225	11,909,854	381	3,275,210	28,367	10,712,975	378	2,946,068
1920	36,450	17,174,290	471	4,722,930	36,288	16,497,067	455	4,536,693
1919	35,010	13,409,270	383	3,687,549	24,500	9,586,495	391	2,636,286
1918	40,714	18,244,453	448	4,561,113	22,894	9,398,141	411	2,349,535
1917	49,148	19,492,626	397	3,898,525	22,039	6,781,113	308	1,356,223
1916	42,793	9,756,015	228	1,365,842	22,482	6,023,938	268	843,351
1915	50,799	25,356,323	498	2,028,506	22,890	8,644,281	378	1,080,535
1914	50,663	25,439,520	502	2,035,162	18,534	7,466,819	403	933,352
1913	54,568	21,935,847	402	1,754,868	19,083	6,389,177	335	798,647
1912	60,103	27,671,114	460	2,213,689	21,054	7,819,066	371	977,383
1911	64,855	28,126,313	434	2,250,105	24,664	8,941,659	363	1,117,707
1910	68,966	34,686,137	503	2,774,891	26,879	11,238,577	418	1,348,629
1909	70,488	28,928,347	410	2,314,267	17,812	7,001,565	353	840,188
1908	67,937	29,970,966	440	2,389,677	17,453	7,004,748	401	840,570
1907	68,644	30,260,315	441	2,420,825	16,851	8,237,044	489	988,445
1906	69,352	32,863,192	474	2,629,055				
1905	69,035	33,216,930	481	2,657,354				
1904	71,344	33,595,440	471	2,687,635				
1903	80,918	41,768,239	516	3,341,459				
1902	76,553	39,140,924	511	3,131,274				
1901	61,095	29,683,324	486	2,374,666				
1900	54,543	24,728,525	453	1,978,282				
1899	53,401	20,898,387	391	1,671,871				
1898	47,923	21,957,564	458	1,756,605				
1897	41,175	18,103,387	440	1,448,271				
1896	36,101	16,849,401	467	1,347,952				
1895	34,383	15,961,502	464	1,276,920				
1894	27,670	11,532,127	417	922,570				
1893	21,519	8,582,568	399	686,605				
1892	22,026	10,350,474	470	828,038				
1891	22,961	11,779,448	513	942,356				
1890	25,953	11,594,518	447	927,561				
1889	21,211	7,223,478	341	577,878				
1888	21,459	10,020,659	467	801,653				
1887	17,924	5,695,761	318	455,661				
1886	18,170	8,787,743	484	703,019				
1885	16,435	7,660,729	466	612,858				
1884	18,341	8,655,184	472	692,415				
1883	17,219	6,252,015	363	500,161				
1882	15,792	7,711,420	488	616,913				
Annual Averages:								
1922-1926	35,149	15,055,565	428	2,857,892	31,713	13,025,630	411	2,459,033
1912-1921	45,147	19,038,931	422	2,954,339	23,813	8,931,907	375	1,845,807
1902-1911	70,809	33,245,680	470	2,659,654	*21,132	*8,484,719	*402	*1,027,108
1892-1901	39,984	17,864,726	447	1,429,178				
1882-1891	19,546	8,538,096	437	683,048				
1882-1926	42,902	19,158,937	447	2,034,481	†25,118	†9,843,541	†392	†1,794,439

*1907-11.

†1907-26.

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 1926 and of Hay and Clover for the years 1882 to 1926, together with the annual average 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
				\$				\$
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	7,437,403	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								
1910								
1909					3,204,021	5,492,653	1.71	54,407,105
1908					3,228,445	3,885,445	1.20	49,754,078
1907					3,253,141	4,635,287	1.42	47,696,579
1906					3,289,552	3,891,863	1.18	58,806,050
1905					3,069,917	4,684,625	1.53	42,630,087
1904					3,020,365	5,847,494	1.94	45,142,654
1903					2,926,207	5,259,189	1.80	41,915,736
1902					2,783,565	4,336,562	1.56	34,432,302
1901					2,646,202	4,955,438	1.87	40,386,820
1900					2,557,263	4,632,317	1.81	37,012,213
1899					2,526,566	3,133,045	1.24	26,568,222
1898					2,505,422	3,498,705	1.40	27,010,003
1897					2,453,503	4,399,063	1.79	27,362,172
1896					2,341,488	3,811,518	1.63	27,366,699
1895					2,426,711	2,260,240	.93	21,879,123
1894					2,537,674	1,849,914	.73	22,753,942
1893					2,576,943	3,575,200	1.39	27,028,512
1892					2,766,894	4,963,557	1.79	37,921,575
1891					2,515,367	4,384,838	1.74	35,955,672
1890					2,549,975	2,392,798	.94	28,498,224
1889					2,462,002	4,305,915	1.75	34,232,024
1888					2,386,223	3,728,313	1.56	37,208,564
1887					2,292,638	2,009,017	.88	33,570,674
1886					2,280,643	3,093,610	1.36	35,947,748
1885					2,295,151	2,994,446	1.35	29,016,182
1884					2,268,091	3,252,155	1.43	32,033,727
1883					2,193,369	3,044,912	1.39	29,109,359
1882					2,350,969	4,115,535	1.75	37,122,126
1882-1926					1,825,890	2,090,626	1.14	24,125,824
Annual Averages								
1922-1926	440,262	1,146,627	2.60	14,760,641	3,430,230	5,292,872	1.54	61,441,915
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
1892-1901					*2,520,783	3,650,840	1.45	29,085,813
1882-1891					*2,290,495	3,102,733	1.35	32,086,445
1882-1926					2,865,307	4,161,523	1.45	47,286,821

*Including Alfalfa. †Exclusive of Alsike and Sweet Clover, previously included.

STATISTICS OF FARM CROPS

CARROTS AND ALL FIELD CROPS

The following table gives the area, produce and market value of Carrots and of all Field Crops for the years 1882 to 1926, together with the annual average for the various periods of ten years and the average for the whole period.

Years	Carrots				All Field Crops		
	Acres	Bushels	Per acre	Market value	Acres	Value	Per acre
				\$		\$	\$ c.
1926	1,672	253,966	152	50,793	10,434,401	257,686,886	24.70
1925	1,835	325,478	177	58,586	10,364,317	261,490,292	25.23
1924	2,128	402,446	189	68,416	10,264,614	264,370,642	25.76
1923	1,780	285,270	160	57,054	10,296,961	219,114,500	21.28
1922	2,124	472,643	223	94,529	10,258,613	223,342,150	21.77
1921	2,217	410,501	185	112,888	10,075,073	222,177,881	22.05
1920	2,706	674,101	249	185,378	10,108,272	367,608,619	36.37
1919	2,706	605,803	224	166,596	9,915,884	397,238,400	40.06
1918	2,706	689,557	255	172,389	9,992,825	363,909,778	36.42
1917	2,920	758,292	260	151,658	9,718,259	333,353,438	34.30
1916	2,391	331,124	138	46,357	9,548,876	223,748,948	23.43
1915	2,439	686,232	281	85,779	9,762,951	210,674,415	21.58
1914	2,448	766,170	313	95,771	9,621,444	199,152,945	20.70
1913	2,400	592,016	247	74,002	9,541,537	168,455,253	17.65
1912	2,742	747,207	273	93,401	9,574,474	185,790,341	19.40
1911	3,207	815,129	254	101,891	9,718,741	179,974,358	18.52
1910	3,551	1,049,348	296	131,169	9,725,684	175,115,742	18.01
1909	3,506	1,001,653	286	125,207	9,578,323	167,966,577	17.54
1908	4,080	1,120,145	275	140,018	9,621,683	164,077,282	17.05
1907	4,530	1,585,500	350	198,187	9,750,615	176,354,759	18.09
1906	4,980	1,598,698	321	199,837	8,962,925	141,570,075	16.13
1905	5,509	1,846,659	335	230,832	8,897,898	142,804,431	16.05
1904	6,634	2,022,945	305	252,868	8,673,525	134,304,690	15.48
1903	7,805	2,612,778	335	326,597	8,731,405	136,657,807	15.65
1902	8,625	3,227,161	374	403,395	8,677,988	146,421,171	16.87
1901	9,221	3,199,967	347	399,996	8,667,512	128,325,648	14.81
1900	10,320	3,469,123	336	433,640	8,794,953	114,758,761	13.05
1899	11,891	3,674,035	309	459,254	8,753,926	105,771,321	12.08
1898	12,418	4,313,861	347	539,233	8,835,272	110,528,947	12.51
1897	12,025	4,433,628	369	554,204	8,701,705	106,952,471	12.29
1896	12,333	4,618,441	374	577,305	8,511,444	88,900,135	10.44
1895	13,002	4,581,373	352	572,672	8,321,173	99,655,895	11.98
1894	11,186	3,716,140	332	464,518	8,227,153	94,055,392	11.43
1893	9,288	2,971,450	320	371,431	8,054,612	101,886,557	12.65
1892	9,941	3,827,361	385	478,420	8,080,206	110,562,493	13.68
1891	9,858	3,814,016	387	476,752	7,834,213	130,866,023	16.70
1890	11,977	4,210,542	352	526,318	7,912,297	114,382,305	14.46
1889	11,261	3,431,959	305	428,995	7,758,583	106,500,799	13.73
1888	11,524	3,898,584	338	487,323	7,616,350	124,244,503	16.31
1887	9,110	2,105,686	231	263,210	7,429,084	99,583,524	13.40
1886	9,267	3,478,751	375	434,844	7,403,281	104,001,865	14.05
1885	9,024	3,462,319	384	432,790	7,350,443	110,068,586	14.97
1884	10,987	4,197,200	382	524,650	7,203,958	120,615,798	16.74
1883	11,270	3,984,436	354	498,055	7,542,623	114,754,141	15.21
1882	9,955	4,009,975	403	501,247	7,125,223	136,939,533	19.22
Annual Averages:							
1922-1926	1,908	347,961	182	65,876	10,323,781	245,200,894	23.75
1912-1921	2,568	626,100	244	118,422	*9,785,960	*267,211,002	27.31
1902-1911	5,243	1,688,002	322	211,000	9,233,879	156,824,689	16.98
1892-1901	11,163	3,880,538	348	485,068	8,494,796	106,139,762	12.49
1882-1891	10,243	3,659,347	351	457,417	7,517,606	116,195,708	15.48
1882-1926	6,744	2,228,437	330	289,966	8,932,029	170,882,579	19.13

*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

RATIOS OF AREAS 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 1926, together with the 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
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	3.4	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	73.6	55.1	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 average:													
1922-1926	50.5	7.5	29.3	198.2	7.8	3.3	7.8	15.4	42.4	10.9	9.2	227.6	43.8
1912-1921	44.5	13.4	38.4	189.9	9.1	4.0	9.0	12.9	46.6	10.8	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
1892-1901	73.2	28.0	39.2	180.2	60.5	4.1	10.1	10.3	35.5	12.9	15.6	198.2	.....
1882-1891	81.6	50.9	67.2	150.4	60.5	2.4	9.4	6.2	17.7	14.0	12.2	207.1	.....
1882-1926	59.9	22.7	45.7	181.6	33.8	3.5	9.0	10.6	36.9	11.9	13.9	220.4	‡37.0

*Mangels, turnips, carrots and sugar beets. †1907-1911. ‡1907-1926.

STATISTICS OF FARM CROPS
 MARKET PRICES

The following table gives the average Market Prices of Agricultural products for the years 1882 to 1926, together with the 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 (in ear) per bush.	Hay per ton.	Potatoes per bush.
	cents	cents	cents	cents	cents	\$ c.	cents	cents	cents	\$ c.	cents
1926	125.1	125.1	51.8	68.0	150.6	2.34	87.2	77.0	53.5	12.75	112.9
1925	133.6	133.0	45.2	68.1	135.5	2.11	87.1	73.2	55.7	11.61	136.9
1924	133.9	137.0	54.2	82.2	151.1	2.29	107.5	86.7	70.2	10.91	53.5
1923	96.2	96.3	45.4	62.8	144.8	2.43	73.7	73.2	50.3	11.05	74.8
1922	104.6	105.1	43.5	61.3	140.3	2.54	78.4	73.5	46.6	12.03	51.0
1921	110.5	109.4	50.4	65.7	153.0	2.35	82.6	74.0	39.4	19.27	88.2
1920	193.4	183.8	58.2	93.8	193.3	2.88	142.0	105.5	66.4	24.25	99.2
1919	237.2	240.9	97.7	145.8	263.9	4.00	159.1	140.7	108.2	22.68	165.2
1918	210.9	208.6	75.0	103.6	217.7	4.49	151.7	135.0	104.9	18.13	99.3
1917	209.8	209.7	77.9	125.7	321.0	6.91	162.6	142.9	124.0	11.81	123.2
1916	161.3	162.2	66.0	101.9	210.5	5.46	118.8	109.0	74.3	10.60	130.1
1915	97.1	98.6	39.5	56.0	161.6	3.11	78.9	71.5	45.4	14.51	81.4
1914	109.1	107.9	49.5	64.3	136.6	2.14	84.9	71.5	45.7	14.55	44.0
1913	85.0	87.9	36.9	55.5	100.6	1.70	66.2	63.5	43.0	13.07	63.7
1912	91.7	90.0	38.6	58.7	110.3	1.93	70.0	54.5	37.2	11.77	63.7
1911	86.6	90.7	44.2	73.9	98.2	1.90	84.9	60.4	44.2	13.16	84.2
1910	86.6	89.6	35.0	52.0	80.7	1.55	63.2	50.0	37.3	9.91	49.2
1909	102.3	100.6	39.5	54.8	84.6	1.61	67.4	53.4	42.9	12.81	36.5
1908	89.2	90.8	40.3	52.4	82.7	1.48	69.7	54.2	40.0	10.25	47.9
1907	92.7	86.4	48.8	59.4	78.0	1.52	69.4	57.4	28.4	15.11	58.3
1906	70.7	68.9	34.0	45.0	70.6	1.39	60.9	49.5	37.6	9.10	53.8
1905	76.5	74.9	33.6	42.9	65.3	1.32	56.8	50.0	36.9	7.72	46.0
1904	98.7	94.2	32.3	43.7	63.0	1.22	57.6	48.6	37.4	7.97	50.7
1903	75.1	74.4	29.3	42.1	64.3	1.41	48.6	44.3	36.9	7.94	44.1
1902	70.7	69.6	34.8	45.1	71.0	1.35	50.5	48.0	40.6	8.15	56.5
1901	66.1	66.8	36.2	45.0	65.3	1.25	49.3	48.4	38.0	7.99	42.6
1900	66.4	67.5	26.5	38.9	57.1	1.00	48.5	43.7	31.7	8.48	26.1
1899	66.7	66.5	27.7	39.5	57.3	1.08	50.0	45.5	19.8	7.72	32.8
1898	69.4	69.2	25.8	38.0	52.2	.70	43.5	38.2	20.1	6.22	44.1
1897	78.2	78.6	22.6	27.0	42.1	.65	37.7	30.0	19.7	7.18	39.9
1896	71.0	70.6	20.0	31.6	44.0	.68	36.6	30.5	19.6	9.68	26.2
1895	69.3	69.8	29.1	40.4	54.8	.95	45.6	36.8	22.6	12.30	20.2
1894	55.0	55.5	30.8	40.5	53.6	1.10	44.2	39.2	26.1	7.56	35.4
1893	59.9	59.4	33.2	40.1	54.0	1.18	47.5	41.8	26.5	7.64	39.5
1892	70.7	67.8	30.8	41.3	59.0	.99	55.8	42.2	26.3	8.20	50.4
1891	95.1	92.9	36.5	49.1	63.8	1.06	72.3	44.1	31.1	11.91	32.6
1890	94.2	91.3	41.1	50.2	60.3	1.29	52.7	43.0	30.5	7.95	44.3
1889	88.4	88.1	30.5	44.0	55.7	1.27	50.9	39.5	25.9	9.98	45.5
1888	102.4	99.3	40.5	60.1	65.4	1.14	60.2	49.3	29.3	16.17	31.7
1887	78.4	78.0	34.6	56.7	55.9	.98	49.5	45.0	28.7	11.62	62.8
1886	73.6	72.5	32.0	51.3	52.6	.84	52.2	33.7	27.6	9.69	44.9
1885	81.5	80.6	31.5	55.2	58.0	.80	55.2	39.2	27.9	9.85	41.1
1884	80.5	81.4	33.1	53.6	64.4	1.18	59.7	40.0	45.0	9.56	40.0
1883	105.0	107.0	38.0	57.0	71.0	.....	62.0	.....	.....	9.02	62.0
1882	101.0	106.0	43.0	65.0	74.0	1.97	64.0	40.0	40.0	11.54	64.0
Annual Averages:											
1922-1926	120.5	119.9	47.9	68.6	144.2	2.31	86.9	77.3	55.1	11.61	80.9
1912-1921	144.5	171.6	58.5	86.0	172.3	2.35	111.4	94.4	62.3	15.88	90.1
1902-1911	83.6	81.2	36.7	50.1	74.8	1.48	60.2	52.4	38.2	9.97	51.4
1892-1901	67.8	67.5	27.9	38.5	53.5	.93	44.9	38.7	25.0	7.97	33.6
1882-1891	90.0	89.6	34.3	54.5	61.6	1.16	60.0	41.5	.....	10.34	45.0
1882-1926	97.8	97.8	42.0	58.7	69.7	1.88	72.3	66.1	*42.3	11.36	57.9

*Average for 35 years, 1892-1926.

STATISTICS OF LIVE STOCK

NO. OF LIVE STOCK ON HAND

The following tables give the number of horses, cattle, sheep, swine and poultry on hand in June of each year for the forty-five years 1882-1926.

Years	Horses	Cattle	Sheep	Swine	Poultry
	No.	No.	No.	No.	No.
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	13,024,983
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

VALUE OF LIVE STOCK ON HAND

The following table gives the value of horses, cattle, sheep, swine and poultry on hand in June of each year for the forty-five years 1882-1926, except for the ten years 1882-1891 when farm live stock was valued in bulk.

Years	Horses	Cattle	Sheep	Swine	Poultry	Total
	\$	\$	\$	\$	\$	\$
1926.....	68,239,756	115,386,214	9,688,685	24,525,126	12,400,985	230,240,766
1925.....	69,787,791	115,844,069	9,576,722	24,424,238	13,527,454	233,160,274
1924.....	72,617,565	113,046,599	7,081,500	16,201,699	13,446,621	222,393,984
1923.....	74,542,351	109,467,066	6,597,087	19,018,668	12,401,083	222,026,255
1922.....	74,535,855	103,899,416	6,612,959	16,550,636	12,241,252	213,840,118
1921.....	75,680,750	103,861,565	8,207,564	19,205,488	11,168,318	218,123,685
1920.....	89,606,594	176,897,490	16,191,741	32,253,804	11,787,708	326,737,337
1919.....	92,823,683	184,041,594	18,128,240	33,263,051	11,351,364	339,607,932
1918.....	95,710,928	172,259,261	15,690,055	31,140,181	9,307,051	324,107,476
1917.....	99,439,558	150,309,828	9,946,030	21,464,366	8,517,195	289,676,977
1916.....	101,434,391	128,324,526	7,386,710	18,790,755	7,933,157	263,869,539
1915.....	107,982,037	115,363,336	6,403,907	17,562,726	7,670,326	254,982,332
1914.....	112,576,793	106,635,148	6,155,451	17,951,258	7,551,428	250,870,078
1913.....	113,240,047	95,759,022	6,242,672	15,393,192	6,956,952	237,591,885
1912.....	109,000,214	90,403,902	6,181,595	14,141,908	6,121,323	225,848,942
1911.....	103,373,206	84,634,962	6,213,021	14,593,917	5,905,318	214,720,424
1910.....	92,757,431	76,872,723	6,127,018	13,265,834	5,393,031	194,416,037
1909.....	87,682,689	75,247,197	6,262,493	11,144,135	4,411,386	184,747,900
1908.....	85,847,391	77,255,267	6,336,265	12,135,979	4,439,854	186,014,756
1907.....	85,041,144	79,485,780	5,928,325	14,174,502	4,854,381	189,484,132
1906.....	79,814,953	80,303,276	6,721,119	12,770,708	3,697,338	183,307,394
1905.....	73,911,177	76,764,482	6,191,774	12,280,667	3,335,660	172,483,760
1904.....	68,138,228	72,821,003	6,425,100	12,921,743	3,077,029	163,383,103
1903.....	61,811,456	69,289,924	7,228,498	13,023,743	2,973,646	154,327,267
1902.....	55,173,637	63,517,342	7,634,284	11,262,265	2,957,286	140,544,814
1901.....	50,038,465	59,527,119	7,772,793	9,298,712	2,859,172	129,496,261
1900.....	46,916,999	56,320,810	7,711,496	9,598,153	2,727,363	123,274,821
1899.....	42,713,557	52,938,500	7,315,729	10,180,338	2,658,321	115,806,445
1898.....	38,659,896	47,286,254	6,499,695	8,720,242	2,578,136	103,744,223
1897.....	36,111,805	42,683,557	6,003,194	6,533,210	2,318,038	93,649,804
1896.....	37,185,692	44,383,638	6,652,202	6,505,227	2,130,807	96,857,566
1895.....	40,283,754	46,708,017	7,708,442	7,101,211	2,156,623	103,958,047
1894.....	46,245,614	47,577,587	8,606,671	6,909,262	2,208,518	111,547,652
1893.....	50,527,472	47,718,025	9,016,118	6,622,129	2,187,158	116,070,902
1892.....	55,812,920	45,548,475	8,569,557	5,479,093	2,091,450	117,501,495
1891.....	.....	.....	.....	.....	.....	108,721,076
1890.....	.....	.....	.....	.....	.....	104,086,626
1889.....	.....	.....	.....	.....	.....	105,731,288
1888.....	.....	.....	.....	.....	.....	102,839,235
1887.....	.....	.....	.....	.....	.....	104,406,655
1886.....	.....	.....	.....	.....	.....	107,208,935
1885.....	.....	.....	.....	.....	.....	100,690,086
1884.....	.....	.....	.....	.....	.....	103,106,829
1883.....	.....	.....	.....	.....	.....	100,082,365
1882.....	.....	.....	.....	.....	.....	80,540,720

The values for several classes of horses on hand June 15th, 1926, were as follows: Stallions, \$1,074,019; mares, \$37,149,792; geldings, \$27,206,104; colts and fillies, \$2,809,841.

The values for the several classes of cattle on hand were as follows: Bulls, \$4,247,466; cows for milk purposes, \$75,727,088; cows for beef purposes, \$4,079,695; yearlings for milk purposes, \$7,185,629; yearlings for beef purposes, \$7,801,951; calves, \$7,312,229; all other cattle, \$9,032,156.

The values for sheep and lambs on hand were: Ewes, for breeding, \$5,333,154; one year old and over, \$668,543; under one year, \$3,686,988.

The values for brood sows, \$7,521,543; six months old and over, \$5,905,558; under six months, \$11,098,025.

The values for the several classes of poultry on hand were as follows: Turkeys, six months old and over, \$334,779; under six months, \$415,951; geese, six months old and over, \$353,311; under six months, \$372,863; ducks, six months old and over, \$124,358; under six months, \$205,709; other fowls, six months old and over, \$7,412,416; under six months, \$3,181,598.

VALUES PER HEAD OF LIVE STOCK AND POULTRY ON HAND FOR THE YEARS
1892 TO 1926

Years	Horses All Ages	Cattle		Sheep and Lambs	Swine all Ages	Poultry all Kinds
		Milch Cows	Other Cattle			
1926.....	\$ 108	\$ c. 59 14	\$ c 26 84	\$ c. 10 93	\$ c. 14 13	\$ c. 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

The values per head of the various classes on hand June 15th, 1926, were as follows:

Horses: Stallions, \$306; mares, \$112.94; geldings, \$107.98; colts and fillies, \$62.08.

Cattle: Bulls, \$63.53; cows for beef purposes, \$52.97; yearlings for milk purposes, \$27.33; yearlings for beef purposes, \$27.39; calves, \$12.84; all other cattle, \$41.79.

Sheep and lambs: Ewes for breeding, \$13.07; one year old and over, \$12.84; under one year, \$8.65.

Swine: Brood sows, \$37.68; six months old and over, \$22.32; under six months, \$8.73.

Poultry: Turkeys, six months old and over, \$3.54; under six months, \$1.11; geese, six months old and over, \$2.33; under six months, 90 cents; ducks, six months old and over, \$1.16; under six months, 47 cents; all other fowls, six months old and over, 96 cents; under six months, 38 cents.

VALUE OF FARM PROPERTY

LAND, BUILDINGS, IMPLEMENTS AND LIVE STOCK.

The following table gives the estimated values of farm land, farm buildings, implements (including vehicles) and live stock on hand on June 15th, for the years 1882 to 1926.

Years	Land	Buildings	Implements	Live Stock on hand	Total
	\$	\$	\$	\$	\$
1926	871,177,637	493,551,144	164,478,485	230,240,766	1,759,448,032
1925	879,212,498	490,027,751	164,188,030	233,160,274	1,766,588,553
1924	885,348,351	484,539,016	164,021,854	222,393,984	1,756,303,205
1923	904 659,633	480,260,117	163,033,141	222,026,255	1,769,979,146
1922	880,896,544	479,451,680	163,830,154	213,840,118	1,738,018,496
1921	851,300,059	484,188,897	159,913,871	218,123,685	1,713,526,512
1920	861,116,234	467,010,867	153,780,378	326,737,337	1,808,644,816
1919	848,767,153	426,649,086	137,310,618	339,607,932	1,752,334,789
1918	819,164,298	380,244,880	109,896,874	324,107,476	1,633,413,528
1917	807,426,986	370,384,055	104,581,053	289,676,977	1,572,069,071
1916	794,676,866	357,313,850	98,020,295	263,869,539	1,513,880,550
1915	794,393,564	352,628,031	95,049,350	254,982,332	1,497,053,277
1914	790,538,706	347,348,643	91,703,876	250,870,078	1,480,461,303
1913	782,993,853	345,303,335	89,702,273	237,591,885	1,455,591,346
1912	758,729,268	335,141,520	86,231,210	225,848,942	1,405,950,940
1911	723,902,419	317,876,963	84,969,426	214,720,424	1,341,469,232
1910	700,905,425	306,517,941	81,570,981	194,416,037	1,283,410,384
1909	680,789,629	297,690,826	77,790,754	184,747,900	1,241,019,109
1908	671,531,018	288,180,121	74,485,730	186,014,756	1,220,211,625
1907	674,505,427	284,672,238	72,910,875	189,484,132	1,221,572,672
1906	661,199,920	273,414,187	71,197,619	183,307,394	1,189,119,120
1905	649,201,364	264,384,514	68,629,546	172,483,760	1,154,699,184
1904	640,544,541	257,995,484	65,992,210	163,383,103	1,127,915,338
1903	620,869,475	247,629,153	63,996,190	154,327,267	1,086,822,085
1902	604,860,063	237,289,668	62,199,787	140,544,814	1,044,894,332
1901	585,354,294	226,575,228	59,897,513	129,496,261	1,001,323,296
1900	574,727,610	219,488,370	57,324,130	123,274,821	974,814,931
1899	563,271,777	213,440,281	54,994,857	115,806,445	947,513,360
1898	556,246,569	210,054,396	52,977,232	103,744,223	923,022,420
1897	554,054,552	206,090,159	51,299,098	93,649,804	905,093,613
1896	557,468,270	203,235,429	50,730,358	96,857,566	910,291,623
1895	572,938,472	204,148,670	50,944,385	103,958,047	931,989,574
1894	587,246,117	204,071,566	51,530,172	111,547,652	954,395,507
1893	602,664,361	200,189,888	51,435,919	116,070,902	970,361,070
1892	615,828,471	195,644,258	51,003,020	117,501,495	979,977,244
1891	621,245,223	191,268,327	50,651,442	108,721,076	971,886,068
1890	622,886,000	193,438,826	50,515,583	104,086,626	970,927,035
1889	632,329,433	192,464,237	51,685,706	105,731,288	982,210,664
1888	640,480,801	188,293,226	49,754,832	102,839,235	981,368,094
1887	636,883,755	184,753,507	49,248,297	104,406,655	975,292,214
1886	648,009,828	183,748,212	50,530,936	107,208,935	989,497,911
1885	626,422,024	182,477,905	48,569,725	100,690,086	958,159,740
1884	625,478,707	173,386,925	47,830,710	103,106,828	949,803,170
1883	654,793,025	163,030,675	43,522,530	100,082,365	961,428,595
1882	632,342,500	132,712,575	37,029,815	80,540,720	882,625,610

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, 1926, against (1) all occupations; (2) farmers; together with totals for the Province in the past four years.

Counties and Districts	Chattel mortgages against all occupations				Chattel mortgages against farmers			
	To secure existing debt		For future endorsement		To secure existing debt		For future endorsement	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount
		\$		\$		\$		\$
Algoma.....	147	337,997			67	57,596		
Brant.....	178	166,497			44	37,374		
Bruce.....	183	197,556			118	110,828		
Carleton.....	338	560,948	5	57,500	54	50,200		
Cochrane.....	263	268,610			263	268,610		
Dufferin.....	63	64,726			32	31,790		
Elgin.....	216	267,365			94	109,148		
Essex.....	351	417,557			110	139,828		
Frontenac.....	223	251,196			130	84,300		
Grey.....	258	295,847	2	27,000	139	127,586		
Haldimand.....	101	85,561			54	41,241		
Haliburton.....	18	9,773			14	3,823		
Halton.....	75	130,553			21	27,580		
Hastings.....	309	464,195	3	50,000	143	106,702		
Huron.....	143	166,125			83	93,007		
Kenora.....	39	205,316			14	4,756		
Kent.....	272	455,960			149	198,788		
Lambton.....	166	322,791			61	85,175		
Lanark.....	122	113,992			55	40,144		
Leeds and Grenville.....	265	275,427			193	180,905		
Lennox and Addington.....	112	298,198	1	500	67	73,692	1	500
Lincoln.....	137	237,864			50	72,684		
Manitoulin.....	96	86,752			77	45,486		
Middlesex.....	276	294,392			90	67,151		
Muskoka.....	109	198,246			33	13,867		
Nipissing.....	318	532,144			120	91,208		
Norfolk.....	158	159,704	2	1,540	93	77,357		
Northumberland and Durham	276	307,884			128	108,747		
Ontario.....	164	198,307			78	40,449		
Oxford.....	136	276,499			92	172,628		
Parry Sound.....	167	150,283			70	37,799		
Peel.....	75	92,225			35	34,861		
Perth.....	142	152,495			56	46,956		
Peterborough.....	152	181,315			55	34,365		
Prescott and Russell.....	223	226,817			141	106,635		
Prince Edward.....	125	136,992			87	66,077		
Rainy River.....	106	100,813			59	49,605		
Renfrew.....	215	353,001			130	155,748		
Simcoe.....	371	380,703			245	146,918		
Stormont, Dundas and Glen-								
garry.....	303	475,243	14	11,025	230	284,000	9	5,984
Sudbury.....	367	467,219	2	20,500	198	136,158		
Thunder Bay.....	147	224,895			44	23,866		
Timiskaming.....	343	257,437	6	9,843	193	50,704		
Victoria.....	62	53,467	8	23,231	39	34,284	3	8,690
Waterloo.....	202	394,797			52	68,448		
Welland.....	149	141,152			31	11,354		
Wellington.....	178	288,617			78	121,983		
Wentworth.....	438	1,662,368	5	9,090	81	121,250	1	2,819
York.....	1,544	1,762,091			62	54,886		
The Province:								
1926.....	*10,821	15,149,912	48	210,229	4,552	4,148,547	14	17,993
1925.....	13,004	15,744,688	54	235,073	4,881	4,089,069	25	21,757
1924.....	13,268	14,886,953	34	212,743	4,981	4,323,812	10	14,098
1923.....	12,647	15,182,832	37	142,769	4,705	3,817,109	11	12,979

*The chief decrease in the number of instruments on record occurs in the County of York, where 3,221 were registered in 1925, aggregating \$2,717,569.

Twenty-fifth Annual Report

OF THE

**Temiskaming and Northern Ontario
Railway Commission**

ONTARIO GOVERNMENT RAILWAY
Hon. G. Howard Ferguson, Premier

For the Year Ending October 31st
1926

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



TORONTO

Printed and Published by the Printer to the King's Most Excellent Majesty
1927



TO HIS HONOUR HENRY COCKSHUTT, ESQ.,

Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to Your Honour the Twenty-fifth Annual Report of the Temiskaming and Northern Ontario Railway Commission, for the fiscal year ended October 31st, 1926.

Respectfully submitted,

G. HOWARD FERGUSON,

Prime Minister and President of the Council

TEMISKAMING AND NORTHERN ONTARIO RAILWAY COMMISSION

GEO. W. LEE - - - - - Chairman, North Bay.
COL. J. I. McLAREN - - - - - Commissioner, Hamilton.
LT.-COL. L. T. MARTIN - - - - - Commissioner, Ottawa.
W. H. MAUND - - - - - Secretary-Treasurer, North Bay.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

Fiscal Year, 1926

Business conditions in general throughout Canada materially improved during the current year, and these are properly reflected in the increased gross and net results of operation of the Temiskaming and Northern Ontario Railway, resulting in one of the best years in its history.

Northern Ontario is rapidly advancing in all its undertakings, and yearly its wonderful possibilities are becoming more widely known and appreciated. The extent of the natural resources of the Northland is enormous and becomes more apparent each year.

The mine, forest, field, lake, river all contribute to make the country one of the greatest in potential wealth on the Continent and its development within a few years has been one of the spectacular romances of Canada and is inseparably linked up with the progress of the railway that has been mainly instrumental in opening up this richly endowed part of the Province of Ontario.

This development will, undoubtedly, be as rapid in the future as in the past, due to the Government's increasing interest in the opening of the Clay-belt for settlement, and its generous consideration of the added requirements of agriculture and mining. When we consider the development and expansion of mining interests, we find that it is one of the most important of any country and only in its infancy. Sixteen years ago the entire gold production of Ontario was valued at less than forty-three thousand dollars, while in 1926 it reached the huge sum of thirty million dollars (\$30,000,000.00) and within a few years the dividends declared and paid by the precious metals mines within the territory served by the Temiskaming and Northern Ontario Railway approximated—including 1926—one hundred and sixty-two million dollars (\$162,000,000.00).

With gold discoveries in one hundred and ten (110) townships along the route of the railway the mining industry appears assured of a practically unlimited field of operation for many years to come, and differing from many basic industries it is not seasonal in its operation, but can be carried on irrespective of climatic conditions.

A similar recounting of advancement and opportunity will within a few years be told of agricultural development in the great Clay-belt area, comprising millions of acres of rich clay loam. This area holds a future for farming greater than is dreamed of by the most optimistic. New land is yearly being brought under cultivation for general farming and stock raising purposes, and as this increases, added traffic is brought to the Railway.

The Government of the Province is lending its best energies to the upbuilding of the North Country as a whole, and to that part served by the Temiskaming and Northern Ontario Railway in particular.

Because of the continued policy of increased branch line construction and extension generally, the mining areas and general industries served, have been brought into close proximity with the business and financial centres of Canada and the United States. All-steel trains of most modern construction and operation maintain a daily service over the entire system to serve the require-

ments of the travelling public in full, and the consequent ease and comfort of travel has materially assisted in the general prosperous condition of the territory within its influence.

The results of operation of the Temiskaming and Northern Ontario Railway during fiscal year 1926 have been eminently successful, showing increased gross and net revenues and decreased expenditures:

Compared with 1925 the accounts are as follows:

	1926	1925
Revenue—Transportation	\$4,590,859 73	\$4,578,517 29
Revenue—Incidental	254,092 02	231,904 42
	\$4,844,951 75	\$4,810,421 71
INCREASE, 1926		34,530 04
Expenditures—Operating	\$3,612,371 80	\$3,857,592 27
Other expenditures	249,616 00	172,843 55
	\$3,861,987 80	\$4,030,435 82
DECREASE, 1926		168,448 02
Net earnings	\$982,963 95	\$779,985 89
INCREASE, 1926		202,978 06

Thus revenue from all sources in 1926 shows an increase of \$34,530.04, as compared with 1925 (0.72 per cent.), and gross expenditures for 1926 a decrease of \$168,448.02 (4.18 per cent.), resulting in an increased net revenue of \$202,978.06 (26 per cent.) for 1926 as compared with previous fiscal year.

For the past two years the Commission have directly undertaken all necessary financing for capital expenditure and construction for the Temiskaming and Northern Ontario Railway—and also for its subsidiary, the Nipissing Central Railway—bearing such interest charges as contracted and paying for same from its operating revenue.

In authorization thereof Bill No. 61, "An Act to amend the Temiskaming and Northern Ontario Railway Act," was passed by the Legislature in 1925, wherein Commission is henceforth empowered to borrow money from time to time for the construction of its railway; and the purchase of rolling stock and other equipment therefor, and to issue bonds, debentures, notes or other securities to provide for the repayment of any moneys so borrowed.

Insurance against fire loss has been carried to the extent of \$3,400,000.00.

In conclusion the Railway is in an excellent financial and physical condition.

GEO. W. LEE,
Chairman.

AUDITOR'S REPORT

Toronto 2, Ontario,
December 20th, 1926.

GEORGE W. LEE, ESQ.,
Chairman, Temiskaming and Northern Ontario Railway Commission,
North Bay, Ontario.

Dear Sir,—

Acting under instructions from the Commissioners, we have conducted an audit of the Treasurer's accounts for the year ending October 31st, 1926, and have satisfied ourselves that all receipts have been properly accounted for and that satisfactory vouchers are on hand to cover disbursements. We have checked the balances in the hands of the Treasurer and find them to be in agreement with the accounts as shown by the general ledger.

The accounts of the Treasurer are in good order and well kept. All information asked for has been cheerfully given. We also wish to acknowledge the courtesies of the Commission and its employees at all times.

Yours very truly,

(Sgd.) EDWARDS, MORGAN & Co.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY COMMISSION

The Mileage Operated at the Close of the Fiscal Year was as follows :

	Miles	Miles
MAIN LINE		
North Bay to Cochrane.....	252.29	.....
Cochrane to Island Falls Junction.....	43.00	295.29
BRANCH LINES		
Lorrain Branch.....	17.00	.....
Elk Lake Branch.....	28.50	.....
Charlton Branch.....	7.60	.....
Iroquois Falls Branch.....	7.00	.....
Porcupine Branch.....	33.11	.....
Cobalt Station to Kerr Lake.....	4.60	97.81
OTHER TRACKS		
Yard Tracks and Sidings.....	106.51	.....
Liskeard Spur.....	1.12	.....
Mattagami River Spur.....	2.96	.....
Double Track.....	1.70	112.29
PRIVATE SIDINGS OPERATED BY RAILWAY		
Private Siding—Agreement.....	19.49	.....
Owned by Private Companies.....	0.29	19.78
Total Mileage Operated.....		525.17
SIDINGS OPERATED BY PRIVATE COMPANIES		
Private Siding Agreement.....	4.62	4.62
LEASED TO NIPISSING CENTRAL RAILWAY		
Main Track.....	5.85	.....
Sidings.....	1.28	7.13
Total Mileage.....		536.92

PURCHASING AND STORES DEPARTMENT

Statement of Purchases and Issues, Fiscal Year, 1925-1926

Stock	1925		1926	
	Purchases	Issues	Purchases	Issues
Shop.....	\$693,998 49	\$711,699 95	\$555,694 55	\$597,683 90
Soft Coal.....	466,737 80	715,692 93	677,120 69	630,317 50
Hard Coal.....	15,895 49	19,602 53	24,543 20	20,959 86
Oil and Waste.....	36,385 07	34,257 19	26,092 37	29,739 25
Stationery.....	33,014 47	34,360 70	26,627 15	28,842 61
Rail.....	195,707 49	131,860 67	247,506 43	157,238 87
Tie.....	259,714 76	149,889 00	59,088 44	128,713 95
Ice.....	10,833 28	10,474 84	10,827 82	8,956 81
	\$1,712,286 85	\$1,807,837 81	\$1,627,500 65	\$1,602,452 75
TOTAL PURCHASES.....	\$1,712,286 85	.....	\$1,627,500 65	.....
TOTAL ISSUES.....	1,807,837 81	.....	1,602,452 75	.....
	\$3,520,124 66		\$3,229,953 40	

COMPARATIVE STATEMENT OF EARNINGS, EXPENDITURES AND RESULT OF OPERATION, NOVEMBER 1st, 1924, TO OCTOBER 31st, 1926

Revenue	Nov. 1st, 1925, to Oct. 31st, 1926	Nov. 1st, 1924, to Oct. 31st, 1925
TRANSPORTATION		
	\$ c.	\$ c.
101. Freight.....	3,146,070 59	3,181,378 01
102. Passenger.....	1,180,543 65	1,150,278 18
103. Excess baggage.....	12,050 40	11,439 60
105. Parlor and chair car.....	3,108 45	2,796 70
106. Mail.....	56,269 30	52,476 97
107. Express.....	168,586 40	157,573 16
109. Milk.....	1,810 71	2,141 75
110. Switching.....	19,777 23	16,994 42
111. Special service train.....	2,643 00	3,438 50
Total.....	4,590,859 73	4,578,517 29
INCIDENTAL		
131. Dining and buffet.....	34,510 90	33,827 85
133. Station, train and boat privileges.....	28,072 67	16,333 21
135. Storage, freight.....	2,291 88	2,699 45
136. Storage, baggage.....	893 40	979 20
137. Demurrage.....	8,002 59	7,873 56
138. Telegraph and telephone.....	156,070 56	145,139 96
142. Rents of buildings and other property.....	18,937 35	21,405 67
143. Miscellaneous.....	5,312 67	3,645 52
Total.....	254,092 02	231,904 42
JOINT FACILITY		
152. Joint facility—Dr.....	383 33	1,166 77
Total.....	383 33	1,166 77
Total Revenue.....	4,844,568 42	4,809,254 94
EXPENDITURES		
Maintenance of way and structures.....	838,901 16	872,587 74
Maintenance of equipment.....	732,445 68	805,308 94
Traffic.....	31,606 77	38,877 65
Transportation.....	1,717,734 68	1,859,750 33
Miscellaneous operations.....	108,986 41	110,414 61
General.....	186,186 61	181,622 13
Transportation for investment—Cr.....	3,489 51	10,969 13
Total Operating Expenses.....	3,612,371 80	3,857,592 27
Balance.....	1,232,196 62	951,662 67
OTHER INCOME		
Ore royalties.....	Dr. 4,771 86	Dr. 6,787 03
Hire of freight cars.....	Dr. 201,144 93	Dr. 208,087 09
Rent, locomotives.....	8,422 10	10,065 33
Rent, passenger-train cars.....	Dr. 3,474 06	Dr. 3,487 87
Rent, work equipment.....	11,721 85	23,519 87
Joint facility rent income.....	25,897 83	25,698 74
Joint facility rents.....	Dr. 4,366 00	Dr. 3,808 00
Income from lease of road.....	6,129 96	7,183 50
Interest and exchange.....	Dr. 88,065 91	Dr. 16,114 16
Miscellaneous income.....	418 35	139 93
Total.....	Dr. 249,232 67	Dr. 171,676 78
Net Result.....	982,963 95	779,985 89

Maintenance of Way and Structures

	Nov. 1st, 1925, to Oct. 31st, 1926		Nov. 1st, 1924, to Oct. 31st, 1925	
	\$	c.	\$	c.
201. Superintendence.....	35,797	29	34,066	44
202. Roadway maintenance.....	94,161	59	90,535	45
208. Bridges, trestles and culverts.....	28,936	49	53,165	19
212. Ties.....	107,217	82	108,504	96
214. Rails.....	116,041	91	102,176	28
216. Other track material.....	44,718	92	58,435	24
218. Ballast.....	17,850	06	9,330	82
220. Track laying and surfacing.....	223,228	77	234,966	24
221. Right-of-way fences.....	2,395	45	1,815	78
223. Snow and sand fences and snowsheds.....			11	80
225. Crossings and signs.....	2,620	76	3,883	70
227. Station and office buildings.....	36,506	13	24,906	04
229. Roadway buildings.....	7,538	59	4,209	80
231. Water stations.....	7,604	17	11,547	27
233. Fuel stations.....	1,463	23	17,381	09
235. Shops and enginehouses.....	31,116	30	15,354	40
247. Telegraph and telephone lines.....	9,376	40	9,141	94
249. Signals and interlockers.....			Cr.	09
257. Power transmission systems.....	82	90	213	19
259. Power distribution systems.....	147	69	293	26
261. Power line poles and fixtures.....	30	11	36	46
265. Miscellaneous structures.....	159	22	51	78
269. Roadway machines.....	8,620	12	7,651	41
271. Small tools and supplies.....	13,518	72	12,105	45
272. Removing snow, ice and sand.....	54,656	49	71,643	84
273. Assessments for public improvements.....	6,733	00	3,252	88
274. Injuries to persons.....	4,367	75	6,922	12
275. Insurance.....	7,776	56	7,533	34
276. Stationery and printing.....	1,274	25	3,146	49
277. Other expenses.....	Cr.	2,334 67	506	57
278. Maintaining joint tracks, yards and other facilities—Dr.....	1,841	20	2,031	50
279. Maintaining joint tracks, yards and other facilities—Cr.....	24,546	06	22,232	90
280. Equalization, way and structures—Dr.....	357,625	85	334,412	31
280. Equalization, way and structures—Cr.....	357,625	85	334,412	31
Total.....	838,901	16	872,587	74

Maintenance of Equipment

	Nov. 1st, 1925, to Oct. 31st, 1926		Nov. 1st, 1924, to Oct. 31st, 1925	
	\$	c.	\$	c.
301. Superintendence.....	33,768	00	31,462	49
302. Shop machinery.....	10,016	86	9,547	15
304. Power plant machinery.....	1,996	37	2,566	10
308. Steam locomotives, repairs.....	274,926	43	314,274	68
309. Steam locomotives, depreciation.....	45,587	86	41,403	75
314. Freight train cars, repairs.....	155,365	36	169,166	25
315. Freight train cars, depreciation.....	20,950	58	20,940	82
316. Freight train cars, retirements.....	1,464	51	2,294	25
317. Passenger train cars, repairs.....	112,946	03	136,974	33
318. Passenger train cars, depreciation.....	15,974	72	17,595	19
319. Passenger train cars, retirements.....	7,761	22		
320. Motor equipment of cars, repairs.....			20	16
326. Work equipment, repairs.....	38,307	10	43,173	88
327. Work equipment, depreciation.....	7,493	82	7,473	03
328. Work equipment, retirements.....			220	00
332. Injuries to persons.....	2,141	01	1,833	61
333. Insurance.....	12,390	04	12,366	41
334. Stationery and printing.....	1,327	15	2,038	74
335. Other expenses.....	64	19	14	95
336. Maintaining joint equipment at terminals—Dr.....	16	80	459	00
337. Maintaining joint equipment at terminals—Cr.....	10,052	37	8,515	85
Total.....	732,445	68	805,308	94

Traffic

	Nov. 1st, 1925, to Oct. 31st, 1926		Nov. 1st, 1924, to Oct. 31st, 1925	
	\$	c.	\$	c.
351. Superintendence.....	13,359	40	13,155	93
352. Outside agencies.....	3,340	47	4,695	55
353. Advertising.....	9,253	38	15,558	03
354. Traffic associations.....	1,207	50	1,320	00
356. Industrial and immigration bureaus.....	20	00	496	46
358. Stationery and printing.....	4,426	02	3,587	68
359. Other expenses.....			64	00
Total.....	31,606	77	38,877	65

Transportation

	Nov. 1st, 1925, to Oct. 31st, 1926		Nov. 1st, 1924, to Oct. 31st, 1925	
	\$	c.	\$	c.
371. Superintendence.....	28,657	17	29,082	27
372. Despatching trains.....	24,263	61	24,348	92
373. Station employees.....	290,809	32	303,229	80
374. Weighing, inspection and demurrage bureaus..	1,100	01	1,208	29
376. Station supplies and expenses.....	33,778	34	33,076	55
377. Yardmasters and yard clerks.....	46,096	04	46,724	08
378. Yard conductors and brakemen.....	58,135	18	61,609	88
379. Yard switch and signal tenders.....	3,191	30	3,076	39
380. Yard enginemen.....	39,707	71	41,455	71
382. Fuel for yard locomotives.....	52,429	72	58,473	43
385. Water for yard locomotives.....	1,648	26	1,494	75
386. Lubricants for yard locomotives.....	496	80	593	38
387. Other supplies for yard locomotives.....	401	54	483	85
388. Enginehouse expenses—yard.....	27,349	89	24,593	86
389. Yard supplies and expenses.....	1,645	18	1,498	53
390. Operating joint yards and terminals—Dr.....	2,533	40	5,678	00
391. Operating joint yards and terminals—Cr.....	126,444	77	120,456	83
392. Train enginemen.....	240,171	30	252,764	29
394. Fuel for train locomotives.....	484,797	38	543,180	48
397. Water for train locomotives.....	27,930	53	29,234	53
398. Lubricants for train locomotives.....	6,284	87	7,427	99
399. Other supplies for train locomotives.....	4,246	52	5,402	11
400. Enginehouse expenses, train.....	80,948	08	80,231	01
401. Trainmen.....	269,717	57	286,893	00
402. Train supplies and expenses.....	76,296	85	79,249	78
405. Crossing protection.....	840	97	666	95
410. Stationery and printing.....	18,940	25	23,415	43
411. Other expenses.....	Cr. 143	01	201	45
413. Operating joint tracks and facilities—Cr.....	300	00	300	00
414. Insurance.....	3,350	62	3,409	42
415. Clearing wrecks.....	5,296	52	8,609	59
416. Damage to property.....	450	00	1,205	80
417. Damage to live stock on right of way.....	475	41	358	51
418. Loss and damage, freight.....	3,404	53	7,074	48
419. Loss and damage, baggage.....	26	20	263	67
420. Injuries to persons.....	9,201	39	14,290	98
Total.....	1,717,734	68	1,859,750	33

Miscellaneous Operations

	Nov. 1st, 1925, to Oct. 31st, 1926		Nov. 1st, 1924, to Oct. 31st, 1925	
	\$	c.	\$	c.
441. Dining and buffet service.....	40,200	67	43,929	17
447. Commercial telegraph, maintenance.....	7,888	39	7,921	47
448. Commercial telegraph, operation.....	26,834	41	25,098	79
449. Commercial telephone, maintenance.....	9,306	27	9,634	20
450. Commercial telephone, operation.....	24,756	67	23,830	98
Total.....	108,986	41	110,414	61

General

	Nov. 1st, 1925, to Oct. 31st, 1926		Nov. 1st, 1924, to Oct. 31st, 1925	
	\$	c.	\$	c.
451. Salaries and expenses of general officers.....	51,896	92	45,185	04
452. Salaries and expenses of clerks and attendants	104,703	05	105,111	05
453. General office supplies and expenses.....	5,287	13	4,007	73
454. Law expenses.....	5,077	82	5,213	88
455. Insurance.....	153	56	147	38
457. Pensions.....	12,164	32	12,000	00
458. Stationery and printing.....	5,249	98	7,758	60
460. Other expenses.....	2,145	15	2,657	70
462. General joint facilities—Cr.....	491	32	459	25
Total.....	186,186	61	181,622	13

NIPISSING CENTRAL RAILWAY COMPANY

Mileage Operated at the Close of the Fiscal Year, 1926.

Electric Lines

	Miles	Miles
Owned by Company:		
Main track.....	4.92	
Sidings.....	1.74	
	6.66	6.66
Leased from T. & N. O. Railway:		
Main track.....	5.85	
Sidings.....	1.32	
	7.17	7.17
		13.83

Steam Lines

Mileage operated at close of fiscal year:		
Main track, Swastika to Cheminis.....	31.98	
Sidings and yard tracks.....	5.43	
	37.41	37.41

NIPISSING CENTRAL RAILWAY COMPANY

Purchasing and Stores Department

Statement of Purchases and Issues, Fiscal Year, 1925-1926

	1925		1926	
Stocks	Purchases	Issues	Purchases	Issues
Various stocks.....	\$339,347 55	\$149,301 02	\$33,861 00	\$43,131 07
TOTAL PURCHASES.....	\$339,347 55	.....	\$33,861 00	.....
TOTAL ISSUES.....	149,301 02	.....	43,131 07	.....
	\$488,648 57		\$76,992 07	

NIPISSING CENTRAL RAILWAY
General Balance Sheet, October 31st, 1926

	Assets		Liabilities	
Property Owned:	\$	c.	\$	c.
Cost of road, as of Oct. 31, 1925	318,767	48		
Cost of road for year ended Oct. 31, 1926	2,127	47		
		Cr. 316,640		
Cost of equipment as of Oct. 31, 1925	105,819	23		
Cost of equipment as of Oct. 31, 1926	29	84	104,909	76
Extension, Swastika to Cheminis		2,166,393	32	
Current Assets:				
Cash	26,134	12		
Accounts collectible	4,492	69		
Balance due on townsite sales	3,947	59		
Agents and conductors	2,542	38		
Material and supplies	198,580	41		
		235,697		
Unadjusted Debits:				
Insurance paid in advance		60		
Other Assets:				
Franchise	1	00		
Profit and loss balance	236,807	84		
		236,808		
		3,061,388		78

Profit and Loss	
	\$
To balance, Oct. 31, 1925	187,128
Profit or loss on retired road and equipment	1,104
Result of operation for fiscal year ended Oct. 31, 1926:	07
Steam lines—Deficit	47,168
Electric lines—Deficit	1,421
	96
	17
	236,822
	39

	\$	c.
Unclaimed vouchers	159,000	00
By balance, Oct. 31, 1926	2,772,132	40
	2,772,132	40

3,061,388 78

236,822 39

COMPARATIVE STATEMENT OF EARNINGS AND EXPENDITURES AND RESULT
OF OPERATION, NOVEMBER 9th, 1924, TO OCTOBER 31st, 1926

STEAM LINES

Revenue

TRANSPORTATION

	\$	c.	\$	c.
	Nov. 1st, 1925, to Oct. 31st, 1926		Nov. 9th, 1924, to Oct. 31st, 1925	
101. Freight.....	38,479	88	27,423	48
102. Passenger.....	20,542	73	16,918	48
103. Excess baggage.....	200	19	88	00
106. Mail.....	376	96	184	80
110. Switching.....	104	36	.....	.....
111. Special service train.....	70	00	75	00
Total.....	59,774	12	44,689	76

INCIDENTAL

135. Storage, freight.....	422	19	137	89
136. Storage, baggage.....	37	70	13	75
137. Demurrage.....	829	00	731	00
142. Rents of buildings and other property.....	607	59	75	78
Total.....	1,896	48	958	42
Total Revenue.....	61,670	60	45,648	18

EXPENDITURES

Maintenance of way and structures.....	21,938	59	19,794	00
Maintenance of equipment.....	5,995	47	2,682	56
Traffic.....	366	27	215	57
Transportation.....	64,052	68	55,975	02
General.....	52	62	365	66
Transportation for investment—Cr.....	650	77	121	76
Total Operating Expenses.....	91,754	86	78,911	05
Balance.....	Dr. 30,084	26	Dr. 33,262	87

OTHER INCOME

Hire of freight cars.....	Dr. 12,094	65	Dr. 8,214	05
Rent, locomotives.....	Dr. 1,348	05	Dr. 862	00
Rent, passenger train cars.....	Dr. 3,319	00	Dr. 4,513	30
Rent, work equipment.....	Dr. 174	00	.....	.....
Interest and exchange.....	.....	.....	344	80
Miscellaneous income.....	1	00	1	00
Miscellaneous rents.....	Dr. 150	00	.....	.....
Total.....	Dr. 17,084	70	Dr. 13,243	55
Net Result.....	Dr. 47,168	96	Dr. 46,506	42

COMPARATIVE STATEMENT OF EARNINGS AND EXPENDITURES AND RESULT
OF OPERATION, NOVEMBER 1st, 1924, TO OCTOBER 31st, 1926

ELECTRIC LINES

	Nov. 1st, 1925, to Oct. 31st, 1926		Nov. 1st, 1924, to Oct. 31st, 1925	
	\$	c.	\$	c.
Receipts				
I. REVENUE FROM TRANSPORTATION				
101. Passenger revenue.....	63,880	08	68,327	03
102. Baggage Revenue.....	1,163	95	1,152	64
103. Parlor, sleeping, dining and special car revenue.....	316	65	435	00
108. Switching revenue.....	4,609	62	4,841	17
Total.....	69,970	30	74,755	84
II. REVENUE FROM OTHER RAILWAY OPERATIONS				
110. Station and car privileges.....	625	00	375	00
113. Demurrage.....	842	00	846	00
116. Rent of equipment.....	2	50		
117. Rent of buildings and other property.....	639	00	647	08
119. Miscellaneous.....	1	00	2	00
Total.....	2,109	50	1,870	08
Total Revenue.....	72,079	80	76,625	92
Expenditures				
I. Way and structures.....	11,292	15	13,625	78
II. Equipment.....	6,468	25	10,337	38
III. Power.....	14,829	73	16,728	49
IV. Conducting transportation.....	23,029	55	27,190	64
V. Traffic.....			37	14
VI. General and miscellaneous.....	4,110	67	8,704	13
Total Operating Expenses.....	59,730	35	76,623	56
Balance.....	12,349	45		2 36
DEDUCTIONS FROM INCOME				
Interest.....	7,640	66	8,104	95
Rent, leased road.....	6,129	96	7,183	49
Total.....	13,770	62	15,288	44
Net Result.....	Dr. 1,421	17	Dr. 15,286	08

Way and Structures

	Nov. 1st, 1925, to Oct. 31st, 1926		Nov. 1st, 1924, to Oct. 31st, 1925	
	\$	c.	\$	c.
1. Superintendence of way and structures.....	170	60	133	83
2. Ballast.....	179	90	197	00
3. Ties.....	853	31	1,888	10
4. Rails.....	525	72	585	88
5. Rail fastenings and joints.....	94	59	147	10
6. Special work.....	47	88	53	25
8. Track and roadway labour.....	4,389	93	5,354	96
9. Miscellaneous track and roadway expenses.....	108	03	111	00
12. Removal of snow and ice.....	1,809	16	2,380	91
15. Bridges, trestles and culverts.....	356	07		
16. Crossings, fences and signs.....	357	66	92	70
18. Telephone and telegraph lines.....	135	39	177	33
20. Poles and fixtures.....	27	05	524	01
22. Distribution system.....	1,279	70	1,579	45
23. Miscellaneous electric line expenses.....	6	63	9	68
24. Buildings, fixtures and grounds.....	950	53	390	58
Total.....	11,292	15	13,625	78

Equipment

	Nov. 1st, 1925, to Oct. 31st, 1926	Nov. 1st, 1924, to Oct. 31st, 1925
	\$ c.	\$ c.
29. Superintendence of equipment.....	432 21	133 00
30. Passenger and combination cars.....	3,018 83	5,736 92
32. Service equipment.....	843 37	720 93
33. Electric equipment of cars.....	1,865 23	2,730 63
34. Locomotives.....	250 74	787 26
36. Shop equipment.....	28 13	108 32
37. Shop expenses.....	29 74	120 32
	<hr/>	<hr/>
Total.....	6,468 25	10,337 38

Power

45. Superintendence of power.....	200 00	133 00
48. Substation equipment.....	108 41	104 97
49. Transmission system.....	.....	9 29
57. Substation employees.....	2,824 62	3,115 63
59. Power purchased.....	11,696 70	13,365 60
	<hr/>	<hr/>
Total.....	14,829 73	16,728 49

Conducting Transportation

63. Superintendence of transportation.....	1,029 15	1,051 79
64. Passenger conductors, motormen and trainmen.....	14,374 45	16,952 59
65. Freight and express conductors, motormen and trainmen.....	4,198 63	4,284 60
66. Miscellaneous car service employees.....	10 64	.....
67. Miscellaneous car service expenses.....	901 90	1,150 79
68. Station employees.....	.....	80 00
69. Station expenses.....	698 27	1,094 39
70. Carhouse employees.....	1,362 11	1,669 51
71. Carhouse expenses.....	406 52	801 57
72. Operation of signal and interlocking apparatus..	33 72	105 40
78. Other transportation expenses.....	14 16	.....
	<hr/>	<hr/>
Total.....	23,029 55	27,190 64

Traffic

80. Advertising.....	.....	37 14
	<hr/>	<hr/>
Total.....	.....	37 14

General and Miscellaneous

83. Salaries and expenses of general officers.....	12 12	396 00
84. Salaries and expenses of general office clerks....	948 75	1,287 38
85. General office supplies and expenses.....	103 72	96 00
86. Law expenses.....	26 03	.....
89. Miscellaneous general expenses.....	1 00	1 00
92. Injuries and damages.....	722 28	4,557 21
93. Insurance.....	730 21	840 79
94. Stationery and printing.....	736 08	708 65
97. Rent of tracks and facilities.....	600 00	600 00
98. Rent of equipment.....	230 48	217 10
	<hr/>	<hr/>
Total.....	4,110 67	8,704 13

Twenty-First Annual Report
OF THE
ONTARIO RAILWAY
AND
MUNICIPAL BOARD

To December 31st, 1926

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



TORONTO

Printed and Published by the Printer to the King's Most Excellent Majesty
1927



TWENTY-FIRST ANNUAL REPORT
OF THE
Ontario Railway and Municipal Board
to December 31st, 1926

TO THE HONOURABLE WILLIAM DONALD ROSS,
Lieutenant-Governor of the Province of Ontario in Council.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit herewith the Twenty-first Report of The Ontario Railway and Municipal Board for the year ending December 31st, 1926.

Respectfully submitted,

Parliament Buildings,
Toronto.

WILLIAM H. PRICE,
Attorney-General.

In pursuance of Section 57 of "The Ontario Railway and Municipal Board Act," the Ontario Railway and Municipal Board beg leave respectfully to submit their Twenty-first Annual Report.

SITTINGS OF THE BOARD

The Board held meetings for the transaction of routine business every juridical day throughout the year. The record of the sessions of the Board and an abstract of the proceedings, together with the Judgments or Opinions of the Board, appear in the Appendix.

In this connection it should be stated that about 80 per cent. of the Board's work is not conducted at the formal sessions of the Board shown in the abstract of proceedings above mentioned. This office work of the Board is transacted usually upon written applications and not in the way of formal hearing of parties interested. A classified abstract of the office work of the Board disposed of in the way of formal applications without hearing the parties will be found in the Appendix. In addition to this there is the usual office work of considering and replying to enquiries and other routine correspondence. A short reference is hereafter made, under different sub-headings, of the applications dealt with by the Board "ex parte" or without a formal hearing of the parties interested.

APPLICATIONS TO THE BOARD

There were 554 formal applications made to the Board in 1926. Of the formal applications all those in which the parties were ready to go to trial have been heard and disposed of, except in a few cases where adjournments were granted to the parties at the request of counsel or in order to procure further evidence or to obtain reports from experts in connection with technical matters in question.

Some of the formal applications are still standing for trial, but the parties are not yet ready to go to trial, as in the more important matters the parties interested are showing an increasing disposition to take advantage of the opportunities afforded them by the Board's rules for obtaining discovery and production, thus, to some extent, delaying the final dates of the hearing of the applications, but in reality facilitating the final disposition at the hearings of all the matters in question between the parties.

LAW STAMPS

The amount of revenue collected by the Board in Law Stamps in the year 1918 was \$3,939.40; in 1919, \$4,674.00; in 1920, \$6,957.50; in 1921, \$8,063.50; in 1922, \$9,302.00; in 1923, \$10,866.00; in 1924, \$10,743.00; in 1925, \$7,262.00; and \$5,542.50 in 1926. The decrease in 1925 and 1926 is due principally to the drastic curtailment by municipalities of their debenture issues, as will appear more fully by reference to subsequent paragraphs of this Report under the headings, "Validation of Municipal Debentures," and "Extensions of Municipal Utilities approved under subsection (3) of section 400 of 'The Consolidated Municipal Act, 1922'."

PROVINCIAL RAILWAYS

An alphabetical list (under the names of the railway systems affected) of applications to the Board during 1926, affecting Provincial Railways, is contained in the Appendix to this Report.

Extensions of and improvements to Provincial Railways during 1926, as reported to the Board, will be found in the Appendix (arranged alphabetically) under the names of the several systems reporting.

A tabulation (arranged alphabetically) of Railways under the Board's jurisdiction, will be found in the Appendix. This tabulation shows, for each railway, the lengths of first and second main track, total main track, sidings and turnouts, the total computed as single track, the length under construction, the number of power houses and whether steam or water and whence power obtained.

There will be found in the Appendix an analytical tabulated summary of Accident Reports received by the Board for 1926; also a continuation (up to and inclusive of 1926) of the Board's index to Railway Legislation.

The Appendix also contains tables showing provincial aid to railways since Confederation, and an index to Legislation, Dominion and Provincial, since 1867, affecting Railways in Ontario.

REPORTS TO THE HOUSE

In pursuance of Rule 61a of the House, the Board made enquiry into and reported upon two financial Bills which were introduced last session into the Legislature. A list of the Bills so reported will be found in the Appendix.

ANNEXATIONS OF TERRITORY

There were six applications made in 1926 by cities, towns, villages and townships for annexation of additional territory thereto. An alphabetical list of annexation applications is contained in the Appendix.

VALIDATION OF MUNICIPAL DEBENTURES

(Section 295 of "The Consolidated Municipal Act, 1922.")

There were 82 applications to the Board under the above legislation in 1926, involving debentures of a total value of \$2,689,309.24. Acting under the powers conferred by the above legislation, the Board was able to grant relief in nearly all these cases, included in which were more than 55 by-laws affected by irregularities which would otherwise have probably required special Acts of the Legislature to make the debentures valid and saleable.

Municipalities are showing an increasing disposition to have their by-laws and debentures validated under said section 295, even in cases where no irregularities occur requiring the curative powers of the Board thereunder, as they have found that such validation facilitates the marketing of their debentures.

The amount of debentures validated by the Board during 1908 was over \$840,000; during 1909 over \$1,326,000; in 1910, over \$718,000; in 1911, over \$1,350,000; in 1912, over \$1,330,000; in 1913, over \$2,990,000; in 1914, over \$3,071,000; in 1915, \$4,172,912.01; in 1916, \$2,289,744.20; in 1917, \$1,538,689.99; in 1918, \$5,273,742.43; in 1919, \$2,209,589.99; in 1920, \$4,359,538.05; in 1921, \$5,297,925.75; in 1922, \$6,046,223.10; in 1923, \$6,061,954.16; in 1924, \$7,341,426.33; in 1925, \$4,544,784.49—a total to the end of 1926 of over \$61,000,000. An alphabetical list of these applications filed in 1926 is given in the Appendix and will be found indexed under the word "Validation."

ASSESSMENT APPEALS

There were seven assessment appeals to the Board during the year 1926. The assessed value of the property affected by these appeals was over \$2,544,000. An alphabetical list of these assessment appeals is contained in the Appendix.

RAILWAY RETURNS

Annual Reports to December 31st, 1926, by Railway Companies under the Board's jurisdiction were received, of which a summarized tabulation has been prepared for publication herein, and will be found in the Appendix. The Board has no means of auditing the reports as received and does not therefore represent or guarantee that the figures taken therefrom are correct or accurate. Heretofore these reports were copied and tabulated as received and published in the Board's Annual Report; this practice was discontinued for the first time in 1924.

ACCIDENTS

A tabulated summary of Accident Reports received by the Board from Provincial Railways during the year 1926 appears in the Appendix and shows that 30 persons were killed and 710 injured during the year.

In 1908, 26 persons were killed and 391 injured; in 1909, 16 were killed and 340 injured; in 1910, 34 were killed and 399 injured; in 1911, 33 were killed and 541 injured; in 1912, 25 were killed and 537 injured; in 1913, 13 were killed and

710 injured; in 1914, 12 were killed and 613 injured; in 1915, 30 were killed and 612 injured (this included 15 killed and 144 injured in accident at Queenston, on July 7th); 13 were killed and 356 injured in 1916; 27 fatal and 377 other personal accidents in 1917; 22 persons were killed and 426 injured during 1918; in 1919, 24 persons were killed and 507 injured; 16 were killed and 473 injured during 1920; 10 persons were killed and 270 injured in 1921; in 1922 there were 20 persons killed and 353 injured; in 1923, 18 persons were killed and 592 injured; and in 1924, 18 persons were killed and 634 injured; and in 1925, 17 persons were killed and 666 injured.

ONTARIO SAFETY LEAGUE

Early in 1913 the members of the Board called together representatives of various organizations which were specially interested in the question of street traffic. Representatives were sent from the Board of Trade, Canadian Manufacturers' Association, City Council, Ontario Motor League, Board of Education, Separate School Board, Toronto Railway Company, Toronto District Labour Council, Boy Scouts, Team Owners' Association, and many others. Every delegate realized that the question was one that dealt with actual dangers to which the public was constantly exposed, and each agreed that some definite and concerted action must be taken. After numerous conferences the Ontario Safety League was organized on the 17th September, 1913. The League has since done much good and vitally useful work towards lessening the dangers of travel, especially on congested highways.

In addition to its Provincial Organization, the League has become National in its organization and operations. See summary of the League's 1926 campaign which appears in the Appendix.

PLANS

(Plans of Land Subdivisions)

Under "The Planning and Development Act" (Chapter 38, 1918), "The Land Titles Amendment Act, 1917," and "The Registry Act," the Board considered during the year 44 applications for approval of plans. An alphabetical list of owners of the lands subdivided by these plans will be found in the Appendix.

In 1912, 154 such applications were considered; 213 in 1913; 137 in 1914; 38 in 1915; 18 in 1916; 45 in 1917; 42 in 1918; 51 in 1919; 111 in 1920; 89 in 1921; 99 in 1922; 100 in 1923; 89 in 1924; and 59 in 1925.

FORMS

The Board has (for distribution to parties interested) the following forms and specifications, namely:

- (1) The Board's Rules of Practice, Specifications and Practice Forms.
- (2) Standard Specifications for Bridges, Viaducts, Trestles or other structures.
- (3) Pamphlet containing copy of "The Ontario Telephone Act, 1918," and with information regarding Provincial Telephone Systems.
- (4) Specifications for Local Municipal Telephone Systems.
- (5) Forms under "The Planning and Development Act."
- (6) Forms for submission of a by-law or question to a poll under "The Municipal Act."

(7) Forms of affidavits in support of applications under section 295 of "The Municipal Act."

(8) Preliminary Resolution under section 9 of "The Local Improvement Act."

(9) Form for Return by Municipality operating a Telephone System.

(10) Form for Return by Company, etc., operating a Telephone System.

(11) Form for Tariff of Tolls for Telephone System.

(12) Forms for Annual Reports by Railway Systems.

(13) Forms for Reports as to Examination of Motormen.

(14) Forms for Reports of Accidents by Railway Systems.

(15) Regulation as to height of car steps.

(16) Directions for guidance of Applicants under subsection (3) of section 400 of "The Municipal Act."

(17) Tariff of the Board's Fees.

(18) Directions for guidance of Applicants under "The Planning and Development Act."

EXTENSIONS OF MUNICIPAL UTILITIES APPROVED UNDER SUBSECTION (3) OF SECTION 400 OF "THE CONSOLIDATED MUNICIPAL ACT, 1922"

An alphabetical tabulation (under names of Municipalities) of extensions to public utilities made by Municipalities, and approved by the Board under the above subsection (3), will be found in the Appendix and is indexed under the word "Approval."

The total of the debenture by-laws approved in 1918 to pay for these extensions was \$1,193,503; in 1919, \$1,930,158; \$1,733,109 in 1920; \$2,921,292.51 in 1921; \$5,782,578.72 in 1922; \$3,984,022.75 in 1923; \$9,439,982.18 in 1924; \$1,347,941.30 in 1925; and \$2,378,030.70 in 1926. This, of course, does not cover extensions made under By-laws approved by the ratepayers, but only under By-laws approved by the Board under the above subsection (3).

MISCELLANEOUS MATTERS UNDER THE BOARD'S JURISDICTION

A classified analysis of miscellaneous matters dealt with under the jurisdiction of the Board will be found in the Appendix. These include Annexations under the Municipal Act; Arbitrations; Assessment Appeals under section 80 of "The Assessment Act"; Restrictions as to use of land or buildings, etc., approved under section 399a of "The Consolidated Municipal Act, 1922"; Financial and other Bills reported to the House under Rule 61a; Bridges, relief from reconstruction of, Section 460 (9) of the Municipal Act; Cemeteries, incorporation of additional land in, etc., under section 40 (a) of "The Cemetery Act," as enacted by section 2 of "The Cemetery Amendment Act, 1921"; County Road, abandonment of part of, section 448 of the Municipal Act; Detachment of farm lands from Town or Village, section 21a of the Municipal Act; Extension of Debenture Issue Period under subsections (9) and (10) of section 288 of the Municipal Act; Extension of time to pass By-laws, under section 280 (5) of the Municipal Act; Applications under the (Municipal) Franchises Act (Chapter 197, R.S.O.); Fuel, Municipal dealings in, under section 399 (39a) of the Municipal Act; Highways (narrow) approved under section 479 of the Municipal Act; Interest Decrease By-laws, approval of under section 291 of the Municipal Act; Interest Increase By-laws, approval of under section 291 of the Municipal Act; Legislation (Special) approval of By-laws under; Local Improvements, Petitions against, under section 9 of "The Local Improvement Act"; Local

Improvements—part only of work—approval of By-laws under section 18a of “The Local Improvement Act”; “Northern Fire Relief Act,” applications under; “The Ontario Railway and Municipal Board Act” (Chap. 186, R.S.O.), applications under; Parks, setting aside of, for athletic purposes, under section 13 of “The Public Parks Act” (Chap. 203, R.S.O., 1914); Repeal of Money By-laws as to residue not raised, under section 292 of the Municipal Act; Restricted Areas, approval By-laws establishing, under section 399a of the Municipal Act, and repeal (in part) of restricted areas under subsection (2b) of said section 399a; Sewage and Sewage Disposal Works, applications for directions and compensation in respect of, under section 94 of “The Public Health Act,” as amended; Sewerage Areas, approval of, under special legislation; Sinking Funds, investment of, under section 303 of the Municipal Act; “The Suburban Area Development Act, 1921” (Chapter 66, Ontario Statutes, 1921, section 7), approval Agreement under; Tax Rate, approval of further debt, under section 297 (2) of the Municipal Act (as amended by section 3, Chapter 53, Ontario Statutes, 1924); Towns erected into Cities, under section 20 of the Municipal Act; (Police) Villages, formation of, under section 502 (3) and 504a of the Municipal Act; Wards, Division of Cities, etc., into, under section 44 of the Municipal Act; Waterworks Areas and construction (special legislation); Weigh Scales and weighing of coal, etc., approval of By-laws under section 401 (13) of the Municipal Act.

PUBLIC UTILITIES

We have the honour to submit analyses of Report for the year ending December 31st, 1926, upon railway operation in the Province of Ontario under the jurisdiction of the Board.

We also submit six tabulated analytical statements prepared from the Annual Reports received from Provincial Railways, and showing the financial position and the operating details of such railways for the year 1926.

H. C. SMALL,

March 28th, 1927.

Secretary.

REPORT OF THE SUPERVISOR OF TELEPHONE SYSTEMS FOR THE YEAR 1926

The following applications under the provisions of “The Ontario Telephone Act, 1918,” were dealt with by the Board in 1926:

Under Section 3c: For authority to issue debentures for extensions and improvements to Telephone Systems under Part I.	1
Under Section 11: For authority to extend a municipal telephone system into another township.	1
Under Section 13: For the approval of municipal by-laws providing for the establishment of telephone systems.	1
Under Section 18: For the approval of municipal debenture by-laws to meet the cost of establishing or extending telephone systems.	9
Under Section 19: For an extension of the period within which municipal debenture by-laws respecting telephone systems may be passed.	6
Under Section 20: For an extension of the period within which to repay the cost of establishing a municipal telephone system.	1
Under Section 21: For authority to pass municipal debenture by-laws to meet the cost of reconstructing, replacing or altering telephone systems	1

Under Section 24: For the approval of the purchase of an existing telephone system by a municipality.....	2
Under Section 33: To determine the validity of a special rate levied under the provisions of Part II of "The Ontario Telephone Act, 1918".....	9
Under Section 67: For the approval of municipal by-laws granting the right to erect poles and wires upon the highways.....	9
Under Section 71: For the right to erect poles and wires upon the highways in unorganized territory.....	3
Under Section 74a: For the approval of the by-laws of a telephone company.....	8
Under Section 78: For the consent to erection of poles and wires parallel with existing lines.....	2
Under Section 79: For an Order preventing the duplication of pole leads upon the same highway.....	1
Under Section 80: For an Order fixing the terms and conditions for furnishing service.....	4
Under Section 82: For the approval of agreements providing for interchange of service.....	100
Under Section 83: To fix terms for interchange of service.....	1
Under Section 86: For the approval of an agreement eliminating competition.....	1
Under Section 87: For the approval of the sale of telephone systems.....	13
Under Section 88: For authority to increase the charges for telephone service.....	35
Under Section 89a: For authority to furnish free telephone service.....	6
Under Section 93: For authority to expend a portion of the moneys set aside for depreciation upon new construction or extensions.....	3
Under Section 94: For authority to issue stock and bonds.....	3
Under Section 107: Complaint as to breach of agreement.....	1
Total number of applications.....	221

The Board or its Supervisor of Telephone Systems during the year visited eighty-nine different points in the Province in connection with the foregoing applications.

The continued policy of the Board in endeavouring to secure an amicable settlement of matters in dispute between the applicant and respondent has, with the assistance of the Board's Supervisor, proved successful in the majority of such cases.

In addition to the applications and complaints referred to, a vast amount of correspondence relating to telephone matters has been dealt with by the Board's Supervisor, through the medium of which much information and assistance has been given to municipalities, companies, and other persons interested, and many difficulties that might otherwise have necessitated a formal application and public hearing have been satisfactorily adjusted.

A number of points were visited by the Board's Inspector of Telephone Service during the year for the purpose of investigating complaints made by subscribers, and upon his report and recommendation the Board has been enabled to secure considerable improvement in the telephone service furnished by the systems coming under his observation.

The number of telephone systems within the jurisdiction of Ontario of which the Board has record is six hundred and twenty-six, operating approximately 109,600 telephones and representing an investment of about \$10,150,000.

There are ten systems owned and operated by municipalities under the provisions of Part I of the Act, viz.: the cities of Fort William and Port Arthur, the towns of Cochrane, Dryden, Fort Frances, Kenora and Rainy River, and the townships of Alberton, Caledon and Hilliard.

One hundred and fifteen systems are now established and operating under Part II of the Act and furnishing service in two hundred and sixty towns, villages and townships.

The cordial relations which continue to exist between the telephone systems under the jurisdiction of Ontario and the Bell Telephone Company of Canada is a source of much satisfaction to the Board. During the year that company has sold plant to the value of \$44,635.00 and transferred 605 subscribers to systems within the control of the Board and has purchased plant to the value of \$13,985.00 and acquired 273 subscribers. These changes have been made with the object of adjusting territory in order to improve telephone facilities and avoid unnecessary duplication in the districts affected. The result of these adjustments has been a net gain to the provincial systems of 332 telephones and an increased investment of \$31,650.00.

Detailed statistics and other information relative to these systems will be found in the appendix to this report entitled "Telephone Systems, 1927."

March 25th, 1927.

F. DAGGER,
Supervisor of Telephone Systems.

APPENDIX

PROCEDURE FILE 9010A

Application by the City of Toronto, under subsection (2b) of section 399a of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 9920 amending its Restricted Area By-law No. 9188 (St. George Street-Bloor Street to Dupont Street) by excepting therefrom Lot No. 33, Plan 578.

April 30th. Application for re-hearing filed.

June 8th. Hearing 11 a.m. to 2 p.m. and 4 to 4.50 p.m., at Board's Chambers. (Copy of By-law 535 [8th May, 1905] of City of Toronto, to be filed by Applicants.) Application dismissed. Applicant to pay Law Stamp, \$15.00.

JUDGMENT

8th June, 1926.

(Extract from Notes of Court Reporter)

The Vice-Chairman: The Board have listened for some considerable time to this application, and have endeavoured to weigh carefully everything that has been said, both for and against the proposed amendment to the by-law. It has been the practice of the Board in similar applications to limit the flankage to much less than 200 feet. In this case the flankage was limited to 200 feet on St. George Street.

Reference has been made to the action of the City Council. I think the City Council is largely governed by policy in the manner in which they deal with matters of this kind. The City Council may consider the importance to the City of an increased assessment, but in dealing with a by-law of this character

the Board are not concerned with the assessment, but the Board are concerned with the statute under which we act. That statute requires certain things to be done in order to give the Board jurisdiction to approve of the by-law.

In this case we are of the opinion that there have not been changes sufficient to warrant the Board in giving its approval to the changes from 200 feet flankage on St. George Street to 247 feet on St. George Street.

Much as it may be regretted that is the position we find ourselves in and that is our judgment.

Commissioner Ellis: We are bound by the Statute. The City Council have a much wider scope than we have, but when the matter comes to us for approval, then the conditions of the statute apply, and we are bound by them.

The Vice-Chairman: A previous ruling by the Board rather ties our hands. In the Gooderham application I thought some changes might not be a material damage to the street, but my opinion was overruled. In giving judgment at that time the Board set down a ruling, and we must adhere to it.

There will be a law stamp charged to the applicant in this case of \$15.

Adjourned.

PROCEDURE FILE 9312. P. 472

In the matter of the application of the Corporation of the Town of Mimico, under section 120 of "The Ontario Railway Act," for approval of plan of crossing of the Hydro-Electric Railway (Mimico Division) at Allan Avenue, in the said town.

Nov. 3rd. Order.

November 3rd, 1926.

ORDER

Upon the application of the said corporation, and upon reading the consent of the Ontario Department of Highways and of the Hydro-Electric Power Commission of Ontario, and the other material filed, and upon consideration of the plan submitted,

The Board orders, under and in pursuance of the provisions of section 120 of "The Ontario Railway Act," that the said plan of the crossing of the Hydro-Electric Railway (Mimico Division) at Allan Avenue, in the said Town of Mimico, be and the same is hereby approved, provided however that such crossing, including any such alterations of the overhead construction as may be made necessary owing to the construction of the crossing, be made entirely at the expense of the applicant, the Corporation of the Town of Mimico, and that the said corporation shall bear the cost of the future maintenance of the same.

(Sgd.) A. B. INGRAM,

(Seal)

Vice-Chairman.

PROCEDURE FILE 9405

Application by the Town of Napanee, under section 401 of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 1182, as amended by its By-law No. 1183, to provide for the weighing of coal and coke.

April 7th. Application renewed.

April 30th. Hearing, pursuant to appointment, 1 to 3 p.m., Council Chamber, Napanee. Mr. Commr. Ellis authorized under section 9, Chapter 186, R.S.O.) Judgment reserved for two weeks. (See Reporter's Notes.)

May 13th. New By-law filed.

May 17th. Report of Mr. Commr. Ellis filed and adopted.

May 19th. Application for approval of By-laws 1182 and 1183 withdrawn.
New by-law does not need Board's approval.

REPORT

At the hearing it was suggested that the matter might be considered by the Town Council after hearing the coal dealers. This has been done and the Town Clerk, by letter dated 12th May, 1926, advises that By-laws 1182 and 1183 (application for approval of which was made to the Board) are not to be further proceeded with. A new by-law is to be passed, apparently under the provisions of section 401 (6) of the Municipal Act. This does not require the approval of the Board.

There does not appear to be any further action required by the Board, except to advise the Clerk to this effect.

No law stamps to be charged.

Toronto 17th May, 1926.

(Sgd.) J. A. ELLIS,
Commissioner.

Adopted.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE 9815

Application by the Town of Fort Frances, under section 25, Chapter 186, R.S.O. (1914), for amendment of Board's Order of June 16, 1914 (P.F. 2388, p. 197)—Change of boundary of the said town.

Jan. 21st. Order.

January 21st, 1926.

ORDER

Upon the application of the said Corporation, and upon reading the notice of application, the statutory declarations, affidavits and statement of John William Walker, Clerk of the said Municipality, and upon the consent of the Ontario and Minnesota Power Company, the Township of McIrvine, and the Department of Indian Affairs, hereto annexed:

The Board orders and proclaims that Order P.F. 2388, p. 197, be and the same is hereby varied in respect of the description of the lands annexed to the Town of Fort Frances by striking out the description of the same contained in the said Order from the word "Commencing" down to and including the words "4th day of March, 1914," and substituting therefor the words:

"Commencing at a point at the low-water mark of the Rainy River where an iron post has been planted, said point being the southwesterly angle of the limits of the said Town of Fort Frances as defined by the Proclamation of Incorporation of said town dated the 3rd day of April, 1908; thence southwesterly to a point opposite the centre of the channel between two islands in the Rainy River; thence in a southeasterly direction through the centre of the channel between the said islands to the international boundary line between Canada and the United States of America; thence northerly and easterly up the stream of the said Rainy River and along the said International boundary to the point of intersection of the same by the bridge of the Canadian National Railway (also

known as the Duluth, Winnipeg and Pacific Railway); thence northerly and westerly on a course parallel to the shore line of the said Pither's Point and Government Reserve at a distance of three hundred feet from low-water mark to the production easterly of the northerly boundary of the portion of the said Government Reserve shown on the map or plan hereto annexed, marked Exhibit "B" and shown as the north boundary of Pither's Point Park; thence west astronomically along the said easterly production of the said last mentioned boundary twenty-six chains to the west boundary of Indian Reserve No. 1; thence south along said west boundary nineteen chains fifteen links more or less to the northerly limit of the colonization road; thence westerly and southerly along the northerly limit of the said colonization road to the point of intersection therewith of the present northerly town limits; thence easterly across said colonization road to an iron post planted at the northeasterly limit of the said town boundaries as defined by the said Proclamation of Incorporation; thence southerly, westerly and northerly along the low-water mark of the said Rainy River to the place of beginning, said lands and land covered with water being coloured yellow and the said map or plan hereto annexed drawn by C. E. Parry, Civil Engineer, and dated the 4th day of March, 1914 (but omitting from the said coloured portion the north eleven chains forty-seven links of Government Reserve)."

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE 9836

Application by the City of Toronto, under section 325a (3) of "The Consolidated Municipal Act, 1922," for leave to repeal its By-law No. 9416, being a by-law to authorize the widening of Bloor Street from Sherbourne Street to Spadina Road.

Mar. 10th. Appellate Division's judgment, giving successful appellant cost before Board. (30 O.W.N. 21).

May 25th. Hearing, pursuant to appointment, 11 a.m. to 12 m., at Board's chambers, to settle Order and discuss procedure for appointment of arbitrator. Mr. O'Brian to draft Order and submit to counsel present for approval. Mr. O'Brian to publish once a week in two Toronto newspapers notice in form as now drafted of appointment to consider appointment of arbitrator. (Appointment June 1st, at 2.30 p.m.)

June 1st. Hearing (re appointment of arbitrator), 2.30 to 3 p.m., at Board's chambers, pursuant to appointment. Board will consider nominations and announce its choice (possibly to-morrow morning).

June 1st. Order, dated May 25th, 1926, vacating and setting aside Board's Order of 21st May, 1925, and as to costs incidental to appeal from said Order) issued. Judgment of Appellate Division re costs before the Board reported in 58 O.L.R., 511.

June 3rd. Order, appointing Right Honourable Sir William Thomas White, K.C.M.G. (of City of Toronto) to be one of the board of three arbitrators to determine compensation herein.

May 25th, 1926.

ORDER

Upon the application of James Wood, Union Investment Company Limited, and other property owners affected by the by-law above referred to, and upon

hearing read the opinion of the First Divisional Court of the Appellate Division of the Supreme Court of Ontario, certified to this Honourable Board, and dated the 21st day of December, 1925, and upon hearing what was alleged by counsel for the said parties, and for the City of Toronto:

(1) This Board doth order that the Order of the Ontario Railway and Municipal Board herein, dated Thursday, the 21st day of May, 1925, allowing the application of the said corporation of the City of Toronto be, and the same is hereby vacated and set aside;

(2) And this Board doth further order that the Corporation of the City of Toronto pay to the applicants their costs on the Supreme Court scale, of and incidental to the appeal from the said Order of this Board, including the application for leave to appeal and to the proceedings before the Board forthwith after taxation thereof by the Taxing Officer at Toronto, only one bill of costs before the Board to be taxed.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

June 3rd, 1926.

ORDER

Upon the application of the said applicants, and the Board having appointed the first day of June, 1926, to hear all parties interested as to the appointment of an arbitrator by the Board, and notice having been duly given of such appointment as directed by the Board, in the presence of counsel for the City of Toronto and for owners of property affected, and upon consideration of the recommendations by counsel for appointment of such arbitrator, and the name of the Right Honourable Sir William Thomas White, K.C.M.G. (a resident of the said city) having been suggested by the majority of counsel appearing before the Board, and the Board having reserved such appointment until this day,

The Board orders, under and in pursuance of clause (d) of subsection (11) of section 325a of "The Consolidated Municipal Act, 1922," that the Right Honourable Sir William Thomas White, K.C.M.G., of the City of Toronto, in the Province of Ontario, one of His Majesty's counsel, learned in the law, be and he is hereby appointed to be one of the Board of three arbitrators to determine the compensation herein.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE 9852

Application by the Hazeldean Rural Telephone Co. Ltd., under section 88 of "The Ontario Telephone Act, 1918," for approval of charges for service.

Feb. 26th. Hearing, pursuant to appointment, 11 a.m. to 12 m., Court House, Ottawa. (Mr. Commissioner Ellis, authorized under section 9, Chap. 186, R.S.O.)

Mar. 4th. Report of Mr. Commissioner Ellis filed and adopted.

Mar. 4th. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) J. A. ELLIS,
Commissioner.

Toronto, March 4th, 1926.

March 4th, 1926.

ORDER

In the matter of the application of the Hazeldean Rural Telephone Company, Limited, for the approval of the following charges for service:

For Local or Rural Service:

- To Shareholders \$15.00 per annum
- To Non-shareholders \$22.50 per annum

For an extension telephone on the same premises as the first telephone:

- To Shareholders \$5.00 per annum

For an extension telephone on different premises from those upon which the first telephone is installed:

- To Shareholders holding not less than two shares of stock. \$15.00 per annum

For an extension bell on the same premises \$1.20 per annum

And also, for the approval of an installation charge of \$2.50.

Upon the application of the above-named applicant, upon reading the report of J. A. Ellis, Esquire, Commissioner, who heard the evidence adduced on behalf of all parties, statements of assets and liabilities, receipts and disbursements and other material filed,

The Board orders that the applicant, the Hazeldean Rural Telephone Company, Limited, be authorized to charge the following rates for telephone service, to take effect as from January 1st, 1926:

For Local and Rural Service:

- To Shareholders \$15.00 per annum
- To Non-shareholders \$22.50 per annum

For an extension telephone in the same building as the first telephone:

- To Shareholders \$5.00 per annum

For an extension telephone on different premises from those upon which the first telephone is installed:

- To Shareholders holding not less than two shares of stock. \$15.00 per annum

For an extension bell on the same premises \$1.20 per annum

And the Board further orders that the charges for telephone service levied and collected by the applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board further orders that the installation charge of \$2.50 proposed by the applicant be not approved.

And the Board makes no order for costs save and except that the applicant shall pay \$10.00 for the law stamps required for this Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE 9912

In the matter of the application of J. A. McDonald and others, under section 21a of "The Consolidated Municipal Act, 1922," for detachment of certain farm lands from the Village of Bayfield and the annexation of same to the Townships of Stanley and Goderich.

Mar. 29th. Approved draft Order filed.

Mar. 29th. Order issued.

November 11th, 1925.

ORDER

This application having come on for hearing this day before A. B. Ingram, Esquire, Vice-Chairman, and J. A. Ellis, Esquire, Commissioner, in the presence of W. Brydone, of counsel for the applicants, and R. C. Hays and L. E. Dancey, of counsel for the respondents.

(1) It is ordered that all and singular that certain parcel or tract of land and premises, situate, lying and being in the Township of Stanley, in the County of Huron, being composed of Ranges A, B, C, F, G, H, I, K, and L, and parts of Ranges D, F, and M of the Bayfield Town Plot, containing by admeasurement twelve hundred (1,200) acres, be the same more or less, and which said parcel is more particularly described as follows:

Commencing on the easterly limit of Lot Number Fourteen (14) of said Range A of the said Bayfield Town Plot, at a point where the said limit reaches the Bayfield River, thence southerly along the easterly limit of said Ranges A, B, C, D, E, F and G, to the southeasterly angle of said Range G; thence westerly along the southerly limits of said Ranges G, H, I, K, L and M, to a point in the easterly shore of Lake Huron, thence northerly along the said easterly shore of the said Lake Huron following all the windings and turnings thereof to the northwesterly angle of Lot Number Six (6) of said Range M; thence easterly along the northerly limit of said Lot Number Six (6) of said Range M, and the production easterly thereof to a point in the westerly limit of said Range L; thence northerly along the said westerly limits of said Range L to the northwesterly angle thereof, thence easterly along the northerly limits of said Ranges L, K and the production easterly thereof to a point in the westerly limit of said Range F; thence northerly along the said westerly limit of said Range F to the northwesterly angle thereof; thence easterly along the northerly limit of said Range F to a point in the production southerly of the westerly limit of Lot Number Three (3) of said Range E; thence northerly along the said westerly limits of said Lot Number Three (3) of said Range E and Lot Number Three of said Range D to a point in the northerly limit of said Range D; thence westerly along the said northerly limit of said Range D to the northwesterly angle thereof; thence northerly along the westerly limit of said Range A, being also the easterly limit of Sarnia Street, to the said Bayfield River; thence easterly along the said Bayfield River, following all the windings and turnings thereof to the place of beginning; save and except that parcel or tract of land and premises conveyed to the Bayfield Cemetery Company, being composed of part of Lot Number Five (5), part of Lot Number Six (6) and Lot Number Seven (7) of said Range D, and part of Lot Number Six (6) of said Range E, more particularly described as follows:

Commencing at the northeasterly angle of said Lot Number Seven (7) of said Range D; thence southerly along the easterly limit of said Lot to the southeasterly angle thereof; thence westerly along the southerly limit of said lot to the southwestly angle thereof; thence southerly along the easterly limit of said Lot Number Six (6) of said Range E, a distance of fifty-seven feet; thence westerly parallel to the northerly limit of said lot three hundred and nineteen (319) feet to a point in the westerly limit thereof; thence northerly fifty-seven feet to the northwesterly angle of said lot; thence westerly along the southerly limit of said Lot Number Five (5) of said Range D twenty feet and five inches (20' 5"); thence northeasterly fifty-one feet and six inches (51' 6") to a point in the easterly limit of said lot distant forty-eight feet and two inches (48' 2")

measured northerly from the southeasterly angle of said lot; thence northerly along said easterly limit of said lot to the northeasterly angle thereof; thence easterly along the northerly limits of said Lots Numbers Five and Six of said Range D to the place of beginning, together with a right of way over, along and upon the westerly eight feet of said Lot Number Six (6) of said Range E and excepting therefrom firstly that portion of said Lot Number Six (6) of said Range D heretofore conveyed for use as a deviation road, and secondly that southwesterly parcel of said Lot Number Six (6) of said Range D described in instrument number four hundred and fifty-six (456), be and the same are hereby detached from the Village of Bayfield and annexed to the Township of Stanley.

(2) It is further ordered that all assets and properties heretofore vested in the Corporation of Bayfield continue to be the property of the said corporation.

(3) It is further ordered that all liabilities of the said Corporation existing on the 31st day of December, A.D. 1925, shall be assumed and paid by the Corporation of the Village of Bayfield and that the said detached lands shall be released and discharged from the said liabilities and every claim and demand in respect thereof.

(4) This order shall be deemed to come into and be of full force and effect on and after the first day of January, one thousand nine hundred and twenty-six.

(Seal)

(Sgd). A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE 9979

In the matter of the application of W. B. Chute and others, under Section 21a of "The Consolidated Municipal Act, 1922," for the detachment from the Village of Vienna of the lands described in Schedule "A" hereto, and the annexation of the same to the Township of Bayham.

Apr. 30th. Approved draft Order filed.

May 5th. Order issued.

June 30th, 1925.

ORDER

1. This application coming on this day for hearing, pursuant to appointment, at the Court House, in the City of St. Thomas, before Mr. A. B. Ingram, Vice-Chairman of the Board (authorized under Section 9, Chapter 186, R.S.O.), in the presence of Counsel for the Applicants and for the Corporation of the Village of Vienna, and the Township of Bayham consenting thereto, and in the presence of various residents of the said Village of Vienna; upon hearing read the said application and exhibits filed, and hearing the evidence adduced and what was alleged by Counsel aforesaid; and upon consideration of the Report of the said Vice-Chairman on such hearing filed, which Report has been adopted as the basis of the Board's Order herein.

2. This Board doth order that the lands now situated in the Village of Vienna described in Schedule "A" hereto annexed be and the same are hereby detached from the Village of Vienna and the said lands are hereby annexed to the Township of Bayham.

3. This Board doth further order that, until other disposition is made by competent authority, the said lands shall continue to form a part of School Section under the Board of Education of the Village of Vienna, and shall pay the same rates for school purposes that are paid by other lands in the Village of Vienna which form part of the said School Section.

4. This Board doth further order that the Corporation of the Township of Bayham shall assess against the said lands described in Schedule "A" in proportion to their respective assessments the sum of \$126.56 during the year 1926, being the amount which we find should be paid by the owners of said lands as their share of the outstanding indebtedness of the said Village of Vienna, and said amount shall be collected by said Township of Bayham in the same manner and at the same time as municipal taxes of the said Township, and the said sum shall be paid over by the Corporation of the said Township on or before the thirty-first day of December 1926, to the Treasurer of the Corporation of the Village of Vienna.

5. This Board doth further order that this Order shall take effect on the first day of January, 1926.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

SCHEDULE "A"

All and singular those certain parcels or tracts of land and premises situate lying and being in the Village of Vienna, in the County of Elgin and Province of Ontario, being composed of parts of Lots 12, 13, 14, 15 and 16 in the 2nd Concession and parts of Lots 13, 14, 15 and 16 in the 3rd Concession formerly in the Township of Bayham and which may be more particularly described as follows:—

Description No. 1. (Part lots 12 and 13, Concession 2, and Parts Lots 13 and 14, Concession 3, formerly in the Township of Bayham.)

Commencing at the northeast corner of Lot 15 (lying south of King Street between John Street and James Street as shown on registered plan No. 54); thence southerly along the eastern limit of said lot 15, plan 54 and along its southerly production, fourteen chains (14.00) more or less to a point in the southerly limit of High Street, distant five chains and nine links (5.09) measured easterly along the same from the northwest angle of Block "T" (Plan 54); thence southerly parallel to the westerly limit of Block "T", twenty-six chains and thirty-nine links (26.39); thence southwesterly, in a straight line, ten chains and twenty-six links (10.26) more or less to the southeast angle of the northwest quarter of Lot 13, Concession 2; thence southwesterly along the last described line produced in a straight line, eight chains (8.00) more or less to the centre of Big Otter Creek; thence southeasterly along the centre of Big Otter Creek, two chains (2.00) more or less to the southerly limit of the Village of Vienna; thence westerly along the southerly limit of the Village of Vienna, twenty-nine chains (29.00) more or less to the westerly limit of Lot 12, Concession 2; thence northerly along the westerly limit of said Lot 12 and its northerly production, sixty chains and fifty links (60.50) more or less to the centre of the road allowance between Concessions 2 and 3; thence easterly along the centre of the said road allowance, thirty-one chains and fifty-four and one-half links (31.54½) more or less to a point opposite the centre line of Centre Street; thence northerly to and along the centre line of Centre Street, thirteen chains and thirty-seven and one-half links (13.37½) more or less to a point opposite the centre line of Pearl Street; thence easterly, to and along the centre line of Pearl Street, ten chains and fifty links (10.50) more or less to the centre line of Union Street; thence southerly along the centre line of Union Street to a point in the westerly production of the northerly limit of Block "D" (east of Union Street,

Plan 54); thence easterly to and along the northerly limit of Block "D" and its easterly production, two chains and fifty links (2.50) to the centre of the lane laid out in rear of said Block "D"; thence southerly along the centre line of said lane, one chain and twenty-five links (1.25) to the northerly limit of Block "C" (east of Union Street, Plan 54); thence easterly along the northerly limit of said Block "C", one chain and sixty-two and one-half links (1.62½) to the northeast angle of said Block "C"; thence southeasterly along the line between Blocks "A" and "H" (lying between Front Street and Union Street) and along its southeasterly production, two chains and eighty-four links (2.84) more or less to the centre line of Front Street; thence southwesterly along the centre line of Front Street to the centre line of the road allowance between Concessions 2 and 3 (King Street); thence westerly along the centre line of King Street to a point in the northerly production of the easterly limit of lot 15 (lying south of King Street between John Street and James Street, Plan 54); thence southerly, fifty links (0.50) more or less to the place of beginning.

Description No. 1 will include:—

(a) All of the following lots as shown on Registered Plan 54.

Lots 13, 14, 15, south on King Street.

Lots 10, 11, 12, east on John Street.

Lots 1 to 12 inclusive, east on Centre Street.

Lots 1 to 12 inclusive, west on Marr Street.

Lots 1 to 6 inclusive, east on Marr Street.

Lots 1 to 6 inclusive, west on Centre Street and

South of Pearl Street.

Blocks A, B, C, D, East on Union Street.

(b) The west seventy-eight links (0.78) of Lots 7, 8 and 9

West on James Street (Plan 54).

Part of the west part of Block "T", Plan 54.

(c) The north half Lot 12, Concession 2.

The north ten chains (10.00) of the south half Lot 12, Concession 2.

The northwest quarter of Lot 13, Concession 2.

Part of the west part of the north ten chains (10.00) of the south half of Lot 13, Concession 2.

The unsubdivided part of Lot 13, Concession 3, lying between King Street, Marr Street, Union Street and south of Lot 6, east on Marr Street and Lot 6, west on Union Street.

Description No. 2. (Part of Lots 13, 14, 15 and 16, Concession 2, and part of Lots 14, 15 and 16, Concession 3, formerly in the Township of Bayham.

Commencing at a point in the northeast angle of said Lot 16, Concession 2, thence southerly along the easterly limit of said Lot, sixty chains (60.00) more or less to its intersection with the southerly limit of the Village of Vienna, thence westerly along the southerly limit of the Village of Vienna, sixty-five chains and ninety-five links (65.95) more or less to the centre of Big Otter Creek, thence northeasterly along the centre of Big Otter Creek, three chains (3.00) more or less to its intersection with the westerly limit of Lot 14, Concession 2; thence northerly along the westerly limit of said Lot 14, six chains (6.00) more or less to the line between the north and south halves of said Lot 14; thence easterly along the line between the north and south halves of said Lot 14, ninety-four links (0.94) more or less to the centre of Big Otter Creek; thence northeasterly along the centre of Big Otter Creek to a point opposite the southeast angle of Block "L" (south on Water Street, Plan 54); thence westerly along the centre of Big Otter Creek to its intersection with the southerly production of the centre

line of the North Street; thence northerly to and along the centre line of North Street to a point distant, one hundred and forty-nine feet (149'.0'') measured southerly along the same from the southerly limit of Chapel Street; thence easterly parallel to Chapel Street, four hundred and sixteen feet and three inches (416'.3''); thence northerly, in a straight line, one hundred and fifty-seven feet and six inches (157'.6'') to a point in the southerly limit of Chapel Street distant three hundred and fifty-five feet and six inches (355'.6'') measured easterly along the same from the easterly limit of North Street; thence northerly in the northerly production of the last described course, thirty-seven and one-half links ($.37\frac{1}{2}$) more or less to the centre of Chapel Street; thence easterly along the centre of Chapel Street to its intersection with the southerly production of the westerly limit of Lot 6 (north on Chapel Street, Plan 54); thence northerly to and along the westerly limit of said Lot 6 and along its northerly production to the centre of River Street; thence easterly along the centre of River Street, five chains and twenty-five links (5.25) more or less to the westerly limit of Block "A" (Plan 54); thence northerly along the westerly limit of Block "A" to the easterly edge of Big Otter Creek; thence northerly along the easterly edge of Big Otter Creek to its intersection with the centre line of the Plank Road; thence northeasterly along the centre of the Plank Road to its intersection with the westerly production of the centre line of the road laid out between Lots 9 and 10, east on Plank Road, as shown on Plan 54 and marked "Public Road," thence easterly and southeasterly along the centre of said "Public Road" to its intersection with the centre line of the Road allowance between Lots 15 and 16, Concession 3; thence northerly along the centre line of the road allowance between Lots 15 and 16 to a point opposite the southerly limit of Block "B" (Plan 54); thence easterly to and along the southerly limit of Block "B" to the westerly limit of Block "J"; thence southerly along the westerly limit of said Block "J" and its southerly production to the centre line of the road laid out between Blocks "J" and "I", Plan 54 and marked "Public Road"; thence easterly along the centre of said "Public Road," ten chains and fifty links (10.50) more or less to the easterly limit of Lot 16, Concession 3; thence southerly along the easterly limit of said Lot 16 and along its southerly production, forty-seven chains and ten links (47.10) more or less to the place of beginning.

Description No. 2 will include:—

(a) All of the following lots as shown on Registered Plan 54.

Lots 9 to 14, inclusive, east on Vienna Street.

Lots 14 to 17, " north on Peel Street.

Lots 13 to 16 " south on Peel Street.

Lots 10 and 11 " north on Lutes Street.

Blocks H, I, J, L., west on Plank Road (part of original Lots 14 and 15, Concession 2).

Blocks G, F, E, A, B, C, D, K., east on Plank Road (part of original Lots 14 and 15, Concession 2).

Lots 1, 2, 3, A, B, C, D, E, F, G, H, I, J, K., and
Blocks Y, O, P, Q, inclusive, north on Water Street.

Lots 1, 2, 3 and 4, " east on North Street.

Block D, " east on North Street.

Blocks H and I, " north on King Street.

Lots 6 and 7 " north on Chapel Street.

Lots A and 9, " east on Plank Road (part of original Lot 15, Concession 3).

- Lot 8, inclusive, west on Road between Lots 15 and 16, Concession 3 and south of Public road.
Block C and including part marked "Pond" on Plan 54 east on road between Lots 15 and 16, Concession 3.
- (b) Those parts of Lots 12 and 13, north on Lutes Street are in the Village of Vienna.
That part of Block "M", south on Water Street which lies east of the centre line of North Street produced southerly to the northerly edge of Big Otter Creek
The unsubdivided part of Lot 14, Concession 2, lying south of Lutes Street, in the Village of Vienna.
- (c) The north ten chains (10.00) of the south one-half of Lot 15, Concession 2.
The North half of Lot 16, Concession 2.
The north ten chains (10.00) of the south one-half of Lot 16, Concession 2.

Description No. 3. (Part of Lots 14, 15 and 16, Concession 3, formerly in the Township of Bayham.)

Commencing at a point in the easterly limit of the road allowance between Lots 15 and 16, Concession 3, formerly in the Township of Bayham, at the southwest angle of Lot 6, as shown on Plan 54; thence easterly along the southerly limit of said Lot 6, ten chains (10.00) more or less to the southeast angle of said lot; thence southerly along the westerly limit of Block "K", two chains and twenty links (2.20) more or less to the southwest angle of said Block "K"; thence easterly along the southerly limit of said Block "K" ten chains and fifty-one and one-half links (10.51½) more or less to the southeast angle of said Block "K"; thence northerly along the easterly limit of said Block "K", fifteen chains (15.00) more or less to the northeast angle of said Block "K"; thence westerly along the northerly limit of the Village of Vienna, fifty-one chains and sixty-six links (51.66) more or less to the centre of the road allowance laid out between Block "B", north on Mill Street and Block "C", north on Creek Road; thence southerly along the centre line of the said road allowance between Blocks "B" and "C" to the centre of Mill Street; thence easterly along the centre of Mill Street, seven chains and eighty-seven and one-half links (7.87½) more or less to the easterly limit of Lot 15, Concession 3; thence southerly along the easterly limit of Lot 15, Concession 3, to the north edge of Big Otter Creek, thence easterly and southerly along the northerly edge of Big Otter Creek to its intersection with the line between Lots 16 and 17 (south of Mill Street, as shown on Plan 54); thence easterly along the southerly limit of said Lot 16, Plan 54, five chains and fifty links (5.50) more or less to the southeast angle of said lot; thence southerly along the easterly limit of Lot 13 (west on the road between Lots 15 and 16, Concession 3, as shown on Plan 54), eight chains and thirty-seven and one-half links (8.37½) more or less to the southwest angle of said Lot 13; thence easterly along the southerly limit of said Lot 13 and along the southerly limit of Lot 12 and said line produced, twelve chains and ninety-eight links (12.98) more or less to the centre of the road allowance between Lots 15 and 16, Concession 3; thence northerly along the centre line of said road allowance to a point in the westerly production of the southerly limit of Lot 6 (east on said road as shown on Plan 54); thence easterly, fifty links (0.50) more or less to the place of beginning.

Description of No. 3 will include:—

(a) All of the following lots as shown on Plan 54.

Lots 12, 13, 14 west on road between Lots 15 and 16, Concession 3.

Blocks A and B, north on Mill Street.

Lots 6 to 11 inclusive and Block "K", east of road allowance between
Lots 15 and 16, Concession 3.

(b) Those parts of Lots 12, 13 and 14, east on the road allowance between
Lots 15 and 16, Concession 3, which lie
in the Village of Vienna.

That part of Lot 15, south on Mill Street, Plan 54, which lies in the
Village of Vienna.

That part of Lot 16, south on Mill Street, which is in Lot 15, Con-
cession 3.

Those portions of the Village of Vienna described above in Descriptions
1, 2 and 3, are shown on the attached plan surrounded by red lines.

Save and except thereout and therefrom all the lands heretofore conveyed
to the Tillsonburg and Lake Erie and Pacific Railway within the existing limits
of the Corporation of the Village of Vienna.

PROCEDURE FILE A-78

(See P.F. A-282)

In the matter of Chapter 86, Section 14 (4) of Ontario Statutes, 1925, and

In the matter of the appropriation, by the Township of Etobicoke, of certain
lands of James W. Orr, under the said Township's By-Law No. 1642—to widen
the Lake Shore Road.

For record see P.F. A-282.

PROCEDURE FILE A-91

In the matter of the application of the Commissioners for the telephone
system of the Municipality of the Township of Erin for authority to increase
the charges for service, as follows:—

To subscribers.....from \$20.00 to \$25.00 per annum.

To Renters, in the Township of Erin..from \$20.00 to \$22.00 per annum.

Mar. 15th. Report of Vice-Chairman filed and adopted.

Mar. 15th. Order.

REPORT

The undersigned having heard the evidence of all parties relative to this
application, recommends that the annexed Order be adopted as the Order of the
Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, March 15th, 1926.

March 15th, 1926.

ORDER

Upon the application of the above named applicants, upon reading the Report
of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced
on behalf of all parties, Statements of Assets and Liabilities, Receipts and Dis-
bursements and other material filed,

The Board orders that the applicants, the Commissioners for the telephone system of the Municipality of the Township of Erin, be authorized to charge the following rates for telephone service, to take effect as from January 1st, 1926:

To subscribers.....\$22.00 per annum
 To persons not being subscribers within the meaning of subsection (g) of section 2 of "The Ontario Telephone Act, 1918":

For Local Service:

Business, individual lines.....\$30.00 per annum
 Residence, individual lines.....\$26.00 per annum
 Business, 2-party line.....\$28.00 per annum
 Residence, 2-party line.....\$25.00 per annum
 Business, 4-party line.....\$26.00 per annum
 Residence, unlimited party line.....\$24.00 per annum
 For rural party line service.....\$24.00 per annum

The foregoing charges to persons not being subscribers as herein defined are payable quarterly in advance and are subject to a discount at the rate of \$2.00 per annum on all amounts paid within thirty days from the date of rendering the account for same.

And the Board further orders that any landowner, whose premises are located in the Township of Erin, desiring to rent service on the basis of a person not being a subscriber as herein defined, shall, in addition to payment of the charges which apply to such service as aforesaid, be required to purchase at cost the telephone and other subscribers' station equipment and pay for the installation of same, the said telephone and other equipment to be maintained by the system but to remain the property of the person renting such service.

And the Board makes no order for costs, save and except that the applicants shall pay \$10.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. Ingram,
Vice-Chairman.

PROCEDURE FILE A-150

Between:

The Ontario & Minnesota Power Co., Ltd.,
 The Fort Frances Pulp & Paper Co., Ltd., and
 The International Bridge & Terminal Co., Ltd.

Appellant,

—and—

The Town of Fort Frances,

Respondent.

(Assessment Appeal, \$1,286,820)

- Jan. 23rd. Argument filed.
- Feb. 4th. Judgment delivered.
- Mar. 4th. Notice of Appeal filed.
- Mar. 29th. Draft Order filed and issued.
- Apr. 15th. Appeal discontinued (See "Globe" of this date).

OPINION

This is an appeal from the decision of the Judge of the District Court of the District of Rainy River dismissing an appeal of the above companies from the finding of the Court of Revision of the Town of Fort Frances in respect of the assessment of their properties in that Town for the year 1925.

The issues raised at the hearing of this appeal were as follows:

1. The business tax.
2. Depreciation.
3. That the item of \$250,000 assessed against the buildings should be assessed equally between The Ontario and Minnesota Power Company, Limited, and The Fort Frances Pulp and Paper Company, Limited, to the former as owner, and to the latter as tenant.
4. The valuation of the outlying lands.

Upon hearing the evidence adduced, upon considering the arguments of counsel filed, and after a view of the property in question, the Board finds that The Ontario and Minnesota Power Company, Limited, is manufacturing power but is not carrying on the business of transmitting electricity for the purposes of light, heat or power.

Regarding the business assessment of the premises wherein the pulp grinders and power plant are located, the Board finds that the chief or preponderating business carried on in such building is that of manufacturing and subject to a business assessment of sixty per cent. under Section 10 (1), (d) of "The Assessment Act." As to the remainder of the property which is occupied by the Fort Frances Pulp and Paper Company, Limited, there is no dispute in respect of the business assessment of the Fort Frances Pulp and Paper Company, Limited, as to it being sixty per cent.

In regard to the appeal against the assessment of the outlying lands for the year 1925 on the ground that the assessment of these properties is too high. After reading the proceedings before His Honour the District Judge, which was filed by consent, and the evidence and argument adduced on behalf of the Appellants and Respondent, which have been carefully considered by the Board, we are of the opinion that the evidence submitted is not sufficient to warrant a reversal of the Judgment of the District Judge in respect of the outlying lands, and we so find.

Counsel for the Appellants did raise the question of depreciation, afterwards withdrawing it (see extended notes, p. 21).

In the matter of the division of the item of \$250,000 assessment upon the buildings equally between The Ontario and Minnesota Power Company, Limited, as owner, and The Fort Frances Pulp and Paper Company, Limited, as tenant; this was agreed to by both parties, therefore the Assessment Roll will require to be amended accordingly.

And the Board makes no order for costs, save and except that the Appellants shall pay \$15.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

I agree.

(Sgd.) J. A. ELLIS,
Commissioner.

Dated at Toronto, this 4th day of February, A.D., 1926.

ORDER

February 4th, 1926.

This matter coming on to be heard before the Ontario Railway and Municipal Board; upon hearing the evidence adduced by both parties and upon hearing what was alleged by Counsel, this Board was pleased to direct that this appeal should stand over for Judgment and the same coming on this day for Judgment.

1. It is ordered that the appeal be dismissed.

2. That the assessment roll of the Municipality be amended so that the buildings heretofore assessed at \$250,000.00 be assessed as follows:—

Those upon water power Block No. 2 at \$125,000.00 to the Ontario and Minnesota Power Company as owners.

Those upon water power Block No. 1Z and ZA at \$125,000.00 to the Ontario and Minnesota Power Company as owners and the Fort Frances Pulp & Paper Company as tenants.

In all other respects the roll is to remain unchanged.

3. And this Board makes no order as to costs save and except that the Appellants shall pay \$15.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,

(Seal)

Vice-Chairman.

PROCEDURE FILE 174B

Application by the Township of East York, under Section 479 of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 758: Opening and extension of Hassard and Woodville Avenues at a width less than 66 feet.

Jan. 19th. Application filed.

Feb. 2nd. Hearing, pursuant to Appointment, 11 to 11.40 a.m., at the Board's Chambers. Application granted (Applicant's Solicitor to draft Order).

Oct. 7th. Draft Order filed.

Oct. 8th. Order issued.

October 8th, 1926.

ORDER

Upon the application of the said Corporation and upon reading the copy of the said By-law and the other material filed, and the Board having appointed Tuesday, the 2nd day of February, 1926, to hear all parties interested. public notice of which appointment was duly given as directed by the Board, and the Board having on the date aforesaid heard Counsel for the Applicant, and certain property owners supporting and opposing the application.

The Board orders, under and in pursuance of the provisions of Section 479 of "The Consolidated Municipal Act, 1922," that the said By-law No. 758, intituled "By-law No. 758." To expropriate certain lands for the purpose of opening as public thoroughfares Hassard Ave., and Woodville Ave., in the Township of East York," be and the same is hereby approved.

(Sgd.) A. B. INGRAM,

(Seal)

Vice-Chairman.

PROCEDURE FILE A-267

Application by the Village of Forest Hill, under Section 399a of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 88: to regulate the use of land on Eglinton Avenue within the limits of the said Village.

Jan. 20th. Hearing continued: 11 a.m. to 5 p.m.; adjourned to to-morrow at 10 a.m.

Jan. 21st. Hearing continued 10 a.m.: 10.30 a.m. to 10.45 a.m.; adjourned for conference between parties. Hearing resumed 11.30 a.m. to 5.30 p.m.; adjourned for view (re Leadlay and McRonald properties and area north) to Thursday Jan. 28th, 1926. Argument 2.30 p.m., same day.

Jan. 28th. Adjourned hearing postponed to Feb. 4th, same hour.

Feb. 4th. Hearing continued: View 10.30 a.m. to 12 m. Argument 2.30 to 4 p.m. Plan (Ex. "A") to be followed; McRonald property to be made partly industrial as arranged. McKay property to be Industrial (all as agreed to except McRonald property). By-law to be amended accordingly and approved by Counsel. (See Reporter's notes.)

June 10th. New By-law No. 112 (and repealing By-law 88 as amended by By-law 108) filed.

June 10th. Approved draft Order filed.

June 10th. Order (approving By-law No. 112) issued.

February 4th, 1926.

ORDER

Upon the application of the said Corporation, and upon reading the material filed by Melville Grant, Esquire, Solicitor for the Applicant, upon hearing what was alleged by Counsel for the Applicant, by W. W. Vicars, Esquire, Harry Parkinson, Esquire, and William Cook, Esquire, Counsel for the rate-payers of the Corporation; and B. N. Davis, Esquire, K.C., Leopold McCauley, Esquire, J. P. Pratt, Esquire, J. T. Glover, Esquire, J. R. Cartwright, Esquire, A. J. Russell Snow, Esquire, H. J. McLaughlin, Esquire, and A. T. Bowlby, Esquire, Counsel for various parties representing owners in the Industrial Area; and Egerton Lovering, Esquire, and John Watt, Esquire, appearing in person, and the matter having come up for hearing on several days, and after an inspection of the area by the Board,

This Board orders, under and in pursuance of Section 399a of "The Consolidated Municipal Act, 1922," being Chapter 72, Ontario Statutes, 1922, and amendments thereto, that the said By-law Number 112, intituled "A By-law to regulate the use of the land fronting on Eglinton Avenue, and north of Eglinton Avenue, within the limits of the Village of Forest Hill," be and the same is hereby approved.

And the Board doth make no order as to costs, except for the payment by the said Corporation of the Board's tariff fee of \$55.00 for Law Stamps on the Order herein.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-276

In the matter of the application of the Corporation of the City of Fort William, for the approval of By-law No. 2516, providing for the issue of debentures to the amount of \$75,000.00 for telephone purposes.

Jan. 5th. Order.

ORDER

January 5th, 1926.

Upon the application of the above-named Applicant, upon hearing the evidence adduced on behalf of the Applicant, upon hearing Counsel for the Applicant and upon reading the said By-law, Statutory Declaration of Newton Edmeston, Alexander McNaughton, Henry James and Charles Moors, Mayor, City Clerk, City Treasurer and Manager of Utilities, respectively, all of the City of Fort William, and other material filed.

The Board orders, pursuant to Section 3 (e) of "The Ontario Telephone Act, 1918," that By-law No. 2516 of the Corporation of the City of Fort William, in the District of Thunder Bay, providing for the issue of debentures to an amount not exceeding Seventy-five Thousand Dollars (\$75,000.00), to meet the cost of extensions and improvements to The Fort William Municipal Telephone System, be and the same is hereby approved.

And the Board further orders that the Applicant shall, on or before the Twentieth day of January, April, July and October in each year, furnish a statement in respect of the Fort William Municipal Telephone System for the preceding three months, setting forth the following particulars:

- (a) Gross Income.
- (b) Expenditures upon operation, maintenance and management.
- (c) Net Income.
- (d) Amount due for payment of interest and sinking fund.

The first statement to be filed with the Board on or before April 20th, 1926.

And the Board makes no order for costs, save and except that the Applicant shall pay \$15.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-282

(See P. F. F. A-78, A-338, A-353 and A-364)

In the matter of "The Township of Etobicoke Act, 1925," (being 15 Geo. V, C. 86, sec. 14, ss. (4), Ontario Statutes, 1925).

Between:

The Corporation of the Township of Etobicoke,

Applicant,

—and—

(Mrs.) Louisa McKinney, *et al.*

(Damages re widening of Lake Shore Road.)

- Jan. 4th. Particulars of Claim of T. A. Pearsall (Owner No. 17) filed.
- Jan. 7th. Particulars of Claim of John James Pritchard (Owner No. 19) filed.
- Jan. 9th. Particulars of Claim of Jas. McNeice (Owner No. 20) filed.
- Jan. 9th. Particulars of Claim of Ethel M. Saunders (Owner No. 29) filed.
- Jan. 9th. Particulars of Claim of Gordon Johnston (Owner No. 6) filed.
- Jan. 9th. Particulars of Claim of Mrs. N. J. Nichols (Owner No. 30) filed.
- Jan. 9th. Particulars of Claim of Mrs. Etta Armstrong (Owner No. 26) filed.

- Jan. 9th. Particulars of Claim of John Doyle, *et al.* (Owner No. 25) filed.
- Jan. 9th. Particulars of Claim of J. B. Smith (Owner No. 14) filed.
- Jan. 9th. Particulars of Claim of J. D. Mann (Owner No. 21) filed.
- Jan. 9th. Particulars of Claim of Mrs. Eleanor Johnson (Owner No. 31 and 32) filed.
- Jan. 21st. Particulars of Claim of Mrs. Alice Cooper (Owner No. 11) filed.
- Jan. 21st. Particulars of Claim of Edw. J. Pearson (Owner No. 8) filed.
- Jan. 23rd. Particulars of Claim of Elizabeth A. Williams (Owner No. 22) filed.
- Jan. 25th. Particulars of Claim of Margaret Klein (Owner No. 27) filed.
- Jan. 25th. Hearing, pursuant to appointment (to fix time, place and manner of hearing) 11 a.m. to 12.30 p.m., at Board's Chambers. Plan to be filed by Feb. 13th, 1926, by Township, showing two lines and location of buildings. Hearing to continue Feb. 16th, 1926, at 11 a.m.
- June 25th. Particulars of Claim of Thos F. Chamberlain (No. 18) filed.
- June 26th. Particulars of Claim of Edw. H. and Zella Orser (No. 16) filed.
- June 27th. Particulars of Claim of Louisa McKinney (No. 1) filed.
- Feb. 16th. Hearing pursuant to adjournment, 11 a.m. to 12 m.; adjourned to 11 a.m. to-morrow (See Reporter's Notes).
- Feb. 17th. Hearing continued, 11 a.m. to 12 m.; adjourned "sine die" to be brought up on one week's notice to Mr. Ludwig or Mr. Steele. (See Reporter's Notes.)
- Mar. 31st. Hearing continued, pursuant to adjournment, 11 a.m. to 1 p.m. and 2.30 to 4.15 p.m.; Adjourned for view 8th April, at 10 a.m. and argument thereafter.
- Apr. 8th. View, 10 a.m. to 12 m.
- May 6th. Saunders Claim (No. 29) settled.
- May 12th. Dester Claim (No. 4) settled.
- May 13th. Rachel Haysey Claim (No. 13) settled.
- May 17th. Alice M. Cooper Claim (No. 11) settled.
Draft Order re Saunders Claim filed and Order issued.
- May 18th. Rigby Claim (No. 2) settled.
Hearing, pursuant to Appointment, 11 a.m. to 4.30 p.m., at Board's Chambers. Determination reserved.
- May 25th. Camkin Claim (No. 5) settled.
- May 29th. McKinney Claim (No. 1) settled.
- June 2nd. Determination by Board re J. D. Mann Claim (No. 21) issued.
- June 24th. Notice of Appeal Claim (No. 21) filed.
- Sept. 1st. Bills, Edith F. Claim (No. 15) settled.
- Sept. 7th. Robson, Minnie Claim (No. 23) settled.
- Sept. 7th. Tomlinson, Alice Claim (No. 24) settled.
- Sept. 10th. Villk, Thos., Claim (No. 12) settled.
- Sept. 16th. Ryan, Elmo and Annie, Claim (P.F. A338) settled.
- Oct. 6th. Pearson, E. J., Claim (No. 8) settled.
- Oct. 16th. Pritchard, Jno. J., Claim (No. 19) settled.
- Dec. 11th. Pearsall, Thos. A. and Phoebe, Claim (No. 17) settled.

May 17th, 1926.

ORDER

(Re Claim No. 29)

In the matter of the application of the Municipal Corporation of the Township of Etobicoke for the determination by the Board of the amount of damages, together with costs, sustained in consequence of the change in the building line, and the construction of the work under the said Act, and in the matter of the claim of Ethel M. Saunders, claimant.

This matter coming on for hearing on the 25th day of January, 1926, the 16th day of February, 1926, and the 21st day of March, 1926, and this Board having heard the evidence adduced on behalf of the claimant and the Municipal Corporation, and thereafter a settlement having been arrived at between the claimant and the said Corporation as is evidenced by the Agreement in writing, signed by the claimant, now filed with this Board,

The Board orders and awards in pursuance of the provisions of the said Act, to the claimant, the sum of One Thousand Dollars, including costs.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

DETERMINATION BY BOARD (CLAIM NO. 21)

Claim of J. D. Mann, Owner of Lot 4, Block "A", Plan M 9 on the Lake Shore Road, situate at the corner of Lansdowne Avenue and the Lake Shore Road, comprising three stores and three apartments upon a lot said to be 50 feet frontage by 140 feet in depth (formerly 150 feet).

The brick building as it stands is said to have cost \$25,000. It was located and constructed back of the then restricted 20 foot line in 1923, the building consisting of three stores with full frontage of the lot and 65 feet deep. Back of the stores is a billiard parlour, and there is a basement the full size of the building. The upper floors contain apartments and offices, the stores, apartments and offices being rented except the apartment occupied by the Claimant.

For the purpose of widening the Lake Shore Road the Township of Etobicoke purchased a strip of land 10 feet in width immediately south of, and abutting on, the south side of the Lake Shore Road, opposite the Claimant's property, and extending from there east and west for a certain distance, resulting in placing the aforesaid building back 10 feet from the new street line.

In consequence of the change in the building line the Claimant states that he is entitled to \$7,300 damages.

Regarding the claim herein evidence was taken at the Board's Chambers on the 18th day of May, 1926.

Four propositions were suggested, as follows:

1. Moving the building to the new street line;
2. The construction of a one-storey front extending it to the new street line;
3. A two-storey front similar to the front of the present building which would be built to the new street line;
4. The purchase of the front 10 feet of the adjoining property east of the Mann building for a distance of 140 feet in order to prevent any buildings for that distance being built in front of his building.

The first proposition does not appear to be a practical solution, it being too costly, and if moved would cause considerable depreciation.

In regard to the proposed one-storey extension the Board is of the opinion that the Claimant is entitled to have a front similar to that which he has now, namely, a two-storey front extended to the new street line instead of a one-storey extension.

The purchase of the proposed 10 foot strip was suggested, but no definite action was taken by the parties hereto.

Upon hearing the evidence adduced on behalf of the said parties, and what was alleged by counsel, and upon consideration of the material filed, and having had a view of the premises in question, the Board determines that the Claimant is entitled to Three Thousand (\$3,000) Dollars as compensation for damages sustained by him in consequence of the change in the building line, together with his costs to be taxed by the taxing officer of the Supreme Court of Ontario on the High Court Scale.

(Sgd.) A. B. INGRAM,
Vice-Chairman.
(Sgd.) J. A. Ellis,
Commissioner.

(Seal)

Dated at Toronto this 2nd day of June, A.D., 1926.

PROCEDURE FILE A-285

Application by the Township of Nepean, under Section 399a of "The Consolidated Municipal Act, 1922," for approval of its Restricted Area By-law No. 1014—affecting lands and buildings in "Carlington Area or District."

Jan. 8th. Hearing, pursuant to appointment, 10 to 10.30 a.m., Court House, Ottawa. (Mr. Commissioner Ellis authorized under Section 9, Chap. 186, R.S.O.) By-law to be amended to conform to provisions of Section 399a of the Municipal Act. Adjourned to Friday, 19th February, 1926, at 10 a.m.

Jan. 28th. Draft amending By-law filed.

Feb. 19th. Hearing, pursuant to adjournment, 10 to 10.30 a.m. (Mr. Commissioner Ellis authorized under Section 9, Chapter 186, R.S.O.)

Feb. 22nd. Report of Mr. Commissioner Ellis, recommending "that By-law 1014 as amended by By-law 1019, be approved." (See Notes of Hearing.) Report adopted.

Feb. 22nd. Draft Order filed.

Feb. 22nd. Order issued.

February 22nd, 1926.

ORDER

Upon the application of the said Corporation, and upon consideration of the said By-law No. 1014, passed on the 15th day of October, 1925, and the said amending By-law 1019, passed on the 5th day of February, 1926, and the other material filed, and the Report of Mr. Commissioner Ellis (authorized under Section 9, Chapter 196, Revised Statutes of Ontario, 1914) on the Hearing held in this matter on the 8th day of January, 1926, and on the 19th day of February, 1926, having been adopted by the Board as the basis of its Order herein.

The Board orders, under and in pursuance of the provisions of Section 399a of "The Consolidated Municipal Act, 1922," as amended, that the said By-law Number 1014, intituled "By-law Number 1014 of the Corporation of the Township of Nepean, being a By-law affecting lands and buildings in a defined area commonly known as Carlington," as amended by the said By-law Number 1019, intituled "By-law Number 1019 of the Corporation of the Township of Nepean,

a By-law to amend By-law Number 1014, a By-law affecting lands and buildings in a defined area commonly known as Carlington," be and the same is hereby approved.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-313

Between:

The Hydro-Electric Power Commission of Ontario,
Applicant,

—and—

The Toronto & York Roads Commission,
Respondent.
(Re change of grade of paved portion of Kingston Road.)

- Jan. 21st. Formal notice of application filed as directed.
Feb. 16th. Reply filed.
Mar. 15th. Hearing, pursuant to appointment, 11 a.m. to 12 m., at Board's Chambers. Hearing concluded—Judgment reserved.
Mar. 18th. Judgment delivered.
Apr. 7th. Approved draft Order filed.
Apr. 7th. Order issued.

JUDGMENT

The Hydro-Electric Power Commission of Ontario, operating the Scarboro Division of The Toronto and York Radial Railway, made an application to The Ontario Railway and Municipal Board under Section 21 of "The Ontario Railway and Municipal Board Act," Chap. 186, R.S.O. 1914, and amendments thereto.

In their application they contend that The Toronto and York Roads Commission had done an Act contrary to or in contravention of the terms of the franchise agreement under which the right to maintain and operate the railway in question was granted under an agreement dated November 16th, 1892, between the Corporation of the County of York and The Toronto and Scarboro Electric Railway, Light and Power Company, Limited, its successors or assigns to construct, maintain, complete and operate its railway over, along and upon the Kingston Road from the westerly termination at the north limit of Queen Street in the City of Toronto, or so far westerly on the said Kingston Road as the said Municipality can grant such rights and privileges, easterly along said Kingston Road to the easterly limit of the Municipality of the County of York.

It is alleged that the Respondent raised the grade of the paved portion of the road higher than the existing grade of the railway, and thereby interfered with the free and safe operation of the electric cars of the Applicant, making it dangerous for vehicular traffic, as well as making it necessary for the Applicant to raise the grade of its railway for a distance of about 2,100 feet between Stops 10 and 12 of the said railway to conform with the new grade of the highway in order to put its railway in a safe operating condition. The total approximate cost to the Applicant to carry out this work is alleged to be \$1,218.16. The Applicant claims that such cost should be borne by the Respondent, and asks that the Board make an order to this effect.

The question of the Board's jurisdiction was not raised by either party.

Upon hearing the arguments adduced, and upon consideration of the statutes and agreements referred to by counsel, and it appearing that there is no dispute as to the facts, the Board's finding is that the Respondent is not liable to the Applicant for the whole or any part of the Applicant's claim.

The Board will make no Order as to costs, except that the Applicant pay \$10.00 for Law Stamp, the Board's tariff fee herein.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

I agree: (Sgd.) J. A. Ellis,
Commissioner.

Dated at Toronto, the 18th day of March, A.D., 1926.

March 18th, 1926.

ORDER

Upon the application of the above named Applicant, upon hearing the evidence adduced on behalf of the Applicant and Respondent and upon hearing Counsel for the Applicant and Respondent,

In pursuance of the Judgment delivered the 18th day of March, 1926,

1. The Board orders that this application be and it is hereby dismissed.
2. And the Board makes no Order as to costs except that the Applicant pay \$10.00 for the Law Stamp on this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-317

In the matter of the application of McKittrick Properties, Ltd., for an amendment to the Board's Order of Jan. 26th, 1914, re annexation to the City of Hamilton of part Township Barton (Parts Lots 19, 20 and 21, First and Second Concessions and part Lot 21, Third Concession) and part Township Ancaster (Part Lot 57, Concession 1).

Jan. 26th. Hearing, pursuant to appointment, 10.30 to 11 a.m., Council Chamber, City Hall, Hamilton. Question of jurisdiction raised by City and others, and Board decided it had no jurisdiction to hear application.

Feb. 20th. Draft Order filed.

Mar. 2nd. Order issued.

Mar. 20th. Notice of setting down appeal served.

May 29th. Appeal allowed by Appellate (2nd) Division. See "Globe" of this date; 30 O.W.N., 266; 59 O.L.R., 199.

Oct. 14th. Certificate of Judgment of Appellate Division filed.

Oct. 19th. Hearing, pursuant to appointment, 10.30 a.m. to 4 p.m., at Council Chamber, City Hall, Hamilton. Adjourned to Tuesday, 26th inst., at 10.30 a.m.

Oct. 25th. Date of adjournment changed (by request of Counsel) to Nov. 1st, 1926.

Nov. 1st. Hearing, pursuant to adjournment, 10.30 a.m. to 2.15 p.m. Judgment reserved.

Dec. 16th. Judgment delivered.

January 26th, 1926.

ORDER

Upon hearing Counsel for McKittrick Properties, Limited, the above named Applicant, in the presence of F. R. Waddell, Esq., K.C., Counsel for the City of Hamilton; S. F. Washington, Esq., K.C., Counsel for certain ratepayers in East Hamilton; Kirwan Martin, Esq., Counsel for Taxpayers League; F. R. Murgatroyd, Esq., and J. R. Rolph, Esq., Counsel for certain ratepayers; W. F. Schwenger, Esq., Counsel for W. C. Sealy, and Mr. Robinson, Counsel for Henry Durk; upon hearing read the Application of McKittrick Properties, Limited, and upon hearing what was alleged by Counsel aforesaid;

1. The Board finds that it has no jurisdiction to entertain the said application, and

2. It is ordered that the said application be and the same is hereby dismissed for want of jurisdiction.

3. And the Board makes no order as to costs except that the applicants shall pay \$10.00 for law stamp, the Board's tariff fee herein.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

JUDGMENT

This application was received by the Board on December 18th, 1925, and in its amended form on January 18th, 1926. On the 26th January, 1926, the Board heard all parties in interest in the City of Hamilton, and issued its Order of same date dismissing the application for want of jurisdiction to amend its annexation order of 26th January, 1914, on the basis applied for in the said amended application.

McKittrick Properties, Limited, entered an appeal which was heard by the Appellate Division on the 11th May, 1926, resulting in the reversal of the Judgment of the Board.

Pursuant to appointment the Board heard the interested parties in the City of Hamilton on the 19th October and 1st November, 1926, respectively, on the merits of the application, and at the conclusion of the hearing reserved judgment.

Briefly, the points in issue are as follows:

A. The extension of a fixed assessment from the year 1926 to the year 1936, inclusive, or as set out more fully in paragraph "1" of the said amended application.

B. Respecting relief, liability and payments in connection with the trunk sewer from Paradise Road to the West End sewage disposal works, or as set out more fully in paragraph "2" of the amended application.

C. Regarding relief and any further liability towards the cost of the McKittrick bridge and its approaches, or as set out more fully in paragraph "3" of the amended application.

D. In regard to future assessment of flankages under "The Local Improvement Act," or as set out more fully in paragraph "4" of the amended application.

E. Relief regarding construction of certain other trunk sewers, or as more fully set out in paragraph "5" of the amended application.

F. That the said Order be amended in such other respects as may seem fair, reasonable and equitable, or as more fully set out in paragraph "6" of the amended application.

In regard to paragraph "A," fixed assessment, it would appear that it is not now and has not been for some time the policy of the Corporation of the City

of Hamilton to grant a fixed assessment as an inducement to outside areas to become annexed to the said city.

Paragraph No. "2" of the Order of the 26th January, 1914, provided for a fixed assessment for the years 1914 to 1919, inclusive, which time was extended by Ontario Statute, Chapter 63, 1918, from 1914 to 1926, inclusive, and now to approve of a further extension of a fixed assessment to the year 1936 seems unreasonable and the Board so decides.

With reference to paragraphs "B," "D," "E" and "F," the Board declines to provide for any change for the reasons already indicated at the hearing.

Regarding paragraph "C," relief in connection with the McKittrick bridge, in view of the provisions of subsection (3) of section 1, chapter 63, Ontario Statutes, 1918, the Board cannot satisfy itself that it has the legal authority to grant the relief that the Board believe the said lands described in paragraph "6" of the said Order, and the said McKittrick Properties, Limited, are entitled to, by reason of the fact that the said bridge has become an important through-traffic bridge, a fact which was not existing or apparent at the time the agreement was entered into.

The Board therefore regrets that it cannot see its way clear to amend paragraph "6" of the said Order of 26th January, 1914, so as to provide that the said lands described therein and the said McKittrick Properties, Limited, are thereby discharged and relieved of any liability for further payments either of principal or interest towards the cost of the said McKittrick bridge or its approaches.

If the Board had such legal authority it would dispense with such payments falling due on and after the 1st day of January, A.D. 1927.

Save as directed by the Appellate Division there will be no order as to costs except that the applicants shall pay \$45.00 for law stamp, the Board's tariff fee herein.

(Sgd.) A. B. INGRAM,
Chairman.

I agree: (Sgd.) J. A. ELLIS,
Commissioner.

Dated at Toronto, this 16th day of December, 1926.

PROCEDURE FILE A-322

Application by the Township of Gloucester, under section 399a of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 15 (1925)—Restricted Area in Police Village of Overbrook.

Jan. 15th. Hearing, pursuant to appointment, 10 to 11 a.m., Court House, Ottawa. (Mr. Commissioner Ellis, authorized under section 9, chapter 186, R.S.O.) Hearing adjourned to Friday, the 12th February, at 10 a.m. By-law to be amended in meantime by striking out clauses 5, 6 and 11 and words "to be" in fourth line of clause 12. By-law No. 3 also to be repealed.

Feb. 12th. Hearing continued, 10 a.m., Court House, Ottawa. Mr. Commissioner Ellis, authorized under section 9, chapter 186, R.S.O.) Recommendation of Mr. Commissioner Ellis that By-law No. 15 (1925) as amended by By-law — (and also repealing By-law No. 3 (1925) be approved. (See Notes of Hearing.)

Feb. 15th. Recommendation of Mr. Commissioner Ellis adopted.

PROCEDURE FILE A-338
(See P.F. A-282)

In the matter of "The Township of Etobicoke Act," 1925 (being 15 Geo. V, Chapter 86, Sec. 14 ss. (4)); and

In the matter of the claim for compensation thereunder by Annie Ryan and Elmo Ryan—re alteration of building line on Lake Shore Road in Township of Etobicoke.

For record see P.F. A-282.

PROCEDURE FILE A-345

Between:

The National Transcontinental Railway,
Appellant,
—and—
The Corporation of the Town of Hearst,
Respondent.

(Assessment Appeal—\$100,700)

April 7th. Hearing, pursuant to appointment, 11 a.m.: 11.30 a.m. to 12.15 p.m., at Board's Chambers. Appeal allowed. Judgment reserved as to costs. Applicant's solicitor to draft order.

April 10th. Draft order filed.

April 12th. Judgment delivered as to costs (not allowed). (See letter of this date to solicitor for appellants.) Law stamp, \$10.00, to be paid by respondent.

April 12th. Draft order amended.

April 12th. Order issued.

ORDER

April 7th, 1926.

Upon application made on behalf of the Appellants by way of appeal from the decision of the District Judge of the District of Algoma whereby the assessment was confirmed of certain properties situate in the Municipality of the Town of Hearst and described in the municipal assessment roll of the year 1925, for the year 1926 taxes, as follows:

Roll No. 512. Express Department business assessment...	\$1,000 00
Roll No. 514. Restaurant on railway station property— Business assessment.....	600 00
Roll No. 526-540 inclusive. Right of way and other pro- perties:	
Land valuations.....	64,650 00
Building valuations.....	36,050 00
	<hr/>
	\$102,300 00

Having come on to be heard before this Board at the sittings thereof held at its Chambers, 47 Queen's Park, in the City of Toronto, on this day in the presence of counsel for the Appellants, no one appearing for the Respondent, notwithstanding due notice thereof was received by the Respondent, upon hearing the evidence adduced and what was alleged by counsel aforesaid, and it appearing that the title and ownership of all the said lands and properties is vested in His Majesty,

1. This Board doth order and declare that the said appeal be and the same is hereby allowed and that the said Appellants are exempt from taxation in respect of the properties in question herein and that the said assessment herein-before set forth be amended accordingly.

2. And this Board makes no order as to costs except that the Respondent pay the sum of \$10.00 for law stamp, the Board's tariff fee herein.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-353

In the matter of "The Township of Etobicoke Act" (15 Geo. V, chapter 86, section 14 (4), and

In the matter of the claim for compensation thereunder by W. J. O'Donohoe, owner of Lot 8, Block 1, Plan M-9 (S.E. corner of Lake Shore Road and Lakeview Avenue) re alteration of building line on Lake Shore Road in the Township of Etobicoke.

For Record, see P.F. A-282.

PROCEDURE FILE A-355

Application by the O'Connor Telephone System, under section 88 of "The Ontario Telephone Act, 1918," for authority to increase charges for service.

Jan. 12th. Application filed.

Sept. 28th. Hearing, pursuant to appointment, 10.30 to 11 a.m., City Hall, Fort William. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.)

Oct. 13th. Report of Vice-Chairman filed and adopted.

Oct. 13th. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

Toronto, October 13th, 1926.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

October 13th, 1926.

ORDER

Upon the application of the above-named Applicants, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, statements of assets and liabilities, receipts and disbursements, and other material filed,

The Board orders that the Applicants, the Commissioners for the Telephone System of the Municipality of O'Connor, be authorized to charge the following rates for telephone service, to take effect as from January 1st, 1926:

To subscribers\$34.50 per annum

To persons not being subscribers within the meaning
of subsection (g) of section 2 of "The Ontario
Telephone Act, 1918".....\$34.50 per annum

And the Board makes no order for costs, save and except that the applicants shall pay \$5.00 for the law stamps required for this Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-360

Between:

The Corporation of the City of Toronto,
Appellant,

—and—

Peter C. Larkin,
Respondent.

(Assessment Appeal—\$392,907—Income)

Jan. 15th. Notice of appeal filed.

Mar. 3rd. Hearing, pursuant to appointment, 11 to 11.35 a.m., at Board's Chambers. Appeal dismissed. Appellant's solicitor to draft order and submit to Respondent's solicitor for approval.

PROCEDURE FILE A-364

In the matter of "The Township of Etobicoke Act" (15 Geo. V, chapter 86, section 14 (4), and

In the matter of the claim for compensation thereunder by Lillian May Cooper and Albert Walter Cooper, in respect of their property, due to alteration in building line on Lake Shore Road in Township of Etobicoke.

Jan. 25th. Notice of application filed.

For record, see P.F. A-282.

PROCEDURE FILE A-367

In the matter of section 9 of "The Local Improvement Act" as amended by section 2, chapter 64, Ontario Statutes, 1921, and

In the matter of sections 11 and 55 of the said Act.

Jan. 25th. Order issued approving Form (Schedule "A" to Order) herein.

Jan. 28th. Order and Form sent to Assistant Provincial Secretary for promulgation in "The Ontario Gazette."

January 25th, 1926.

ORDER

Whereas it appears that a preliminary by-law or resolution is necessary under section 9 of "The Local Improvement Act" as amended by section 2, chapter 64, Ontario Statutes, 1921, and whereas the annexed form of such resolution has been prepared by the Board for the guidance of Municipal Councils and should be approved under section 55 of the said Act,

The Board orders that the annexed form, being Schedule "A" hereto, be and the same is hereby approved as and for a preliminary resolution to be passed by Municipal Councils under the provisions of section 9 of "The Local Improvement Act" as amended by section 2, chapter 64, Ontario Statutes, 1921, notice to be published in pursuance of said section 9 as so amended and in pursuance of section 11 of the said Act, the form of such notice being Form I of the said Act as amended by section 6, chapter 57, Ontario Statutes, 1924.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

SCHEDULE "A"

Preliminary Resolution under section 9 of "The Local Improvement Act," as amended by section 2, chapter 64, Ontario Statutes, 1921.

Moved by

Seconded by

Resolved, by a vote of two-thirds of all the members of the Municipal Council of the Corporation of the _____ of _____ that the said Council determine and declare that it is desirable that

should be undertaken as a local improvement under and in pursuance of section 9 of "The Local Improvement Act."

And it is further resolved that notice shall be published accordingly as required by sections 9 and 11 of the said Act, as amended by section 6, chapter 57, Ontario Statutes, 1924.

Adopted this _____ day of _____ 19 .

.....
Clerk.

(Seal)

.....
Mayor (or Reeve).

PROCEDURE FILE A-378

Application by the Commissioners for the Municipality of Belmont and Methuen Telephone System, under section 33 of "The Ontario Telephone Act, 1918," for an Order determining the validity or otherwise of a special rate levied upon the property of J. J. Sedgwick (Lot 6, Concession 14, Township Seymour), pursuant to the provisions of Part II of the said Act.

Feb. 9th. Application and material filed.

Feb. 19th. Hearing, pursuant to appointment, 1 to 2.30 p.m., Town Hall, Havelock (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.).

Mar. 2nd. Report of Vice-Chairman filed and adopted.

Mar. 2nd. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, March 3rd, 1926.

March 3rd, 1926.

ORDER

Upon the application of the above-named applicants, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of the applicants and J. J. Sedgwick, the said application and other material filed,

The Board orders and determines, pursuant to section 33 of "The Ontario Telephone Act, 1918":

1. That J. J. Sedgwick is a subscriber, as defined by subsection (g) of section 2 of "The Ontario Telephone Act, 1918," to the Telephone System of the Municipality of Belmont and Methuen.

2. That an annual special rate may be levied and collected upon the property of the said J. J. Sedgwick, situate in the Township of Seymour, and known as Lot 6, Concession 14, each year for the years 1925 to 1934, inclusive.

3. That all special rates heretofore and hereafter levied as herein provided upon the property of the said J. J. Sedgwick, under the provisions of sections 29, 29a, 29c and 30 of "The Ontario Telephone Act, 1918," shall be deemed to be valid and lawfully levied, provided that such special rate levied in any year shall not exceed the amount approved by the Board under the provisions of section 88 of the aforesaid Act.

And the Board makes no order for costs or for law stamps in respect of this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-390

Between:

Grace Glendenning King, of the Town of Oakville, in the
County of Halton,

Claimant,

—and—

The Toronto and Hamilton Highway Commission, and
The Department of Public Highways,

Respondents.

(Claim for compensation for damages to land caused by raising of level
and refilling in of Forsythe Street, in the Town of Oakville.)

Feb. 16th. Reference (by agreement) to Mr. Ingram (Vice-Chairman),
and Mr. Ellis (Commissioner), for arbitration of matters in dispute.

Mar. 9th. Hearing, pursuant to appointment, 11 a.m. to 12.45 p.m., at
Board's Chambers. Judgment reserved.

Mar. 23rd. Finding delivered.

In the matter of Grace Glendenning King and Herbert Hooks, of the Town of
Oakville, in the County of Halton (hereinafter called the Claimants),

Of the First Part;

The Toronto and Hamilton Highway Commission (hereinafter called the Com-
mission),

Of the Second Part;

—and—

His Majesty the King, herein represented by the Honourable the Minister of
Highways for the Province of Ontario (hereinafter called the Party of the
Third Part),

Of the Third Part.

Whereas under submissions duly executed the above parties have referred
to the undersigned to hear and determine whether the Claimants are entitled
amongst other things to payment as hereinafter mentioned;

And whereas it was mutually agreed by the parties hereto that both of
these cases should be heard together in order that the undersigned may first
determine whether the Claimants are entitled to be paid by the Commission

or the Party of the Third Part any sum of money for damage to or by way of compensation for the injurious affection of their lands by reason of the matters in the said submissions recited, or any of them;

And whereas the undersigned, pursuant to appointment, have heard the arguments of counsel for all parties, and have considered the evidence adduced,

Now therefore the undersigned find and determine that the above-named Claimants are not, nor is either of them, entitled to be paid by the Commission or the Party of the Third Part, any sum of money for damage to or by way of compensation for the injurious affection of their said lands by reason of the matters set out in the said submissions.

(Sgd.) A. B. INGRAM,

(Sgd.) J. A. ELLIS.

Dated at Toronto, this 23rd day of March, A.D. 1926.

PROCEDURE FILE A-391

Between:

Herbert Hooks, of the Town of Oakville,

Claimant,

—and—

The Toronto and Hamilton Highway Commission, and
The Department of Public Highways of Ontario,

Respondent.

(Claim for compensation for damages to land caused by raising of level and filling in of Forsythe Street, in the Town of Oakville).

Feb. 17th. Reference, by agreement, to Mr. Ingram (Vice-Chairman), and Mr. Ellis (Commissioner), for arbitration of matters in dispute.

Mar. 9th. Hearing. (See P.F. A-390).

Mar. 23rd. Finding delivered. (See P.F. A-390).

PROCEDURE FILE 409

Application by the Township of North York, under section 399a of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 346—to fix a building line on east side of Yonge Street.

Feb. 20th. Application and copy of By-law filed.

Mar. 8th. Hearing, pursuant to appointment, 11 to 11.20 a.m., at Board's Chambers. Hearing adjourned till after present Session of Legislature unless Report of Board required under section 56 of the Board's Act. Applicants may amend By-law to strike out clause that By-law shall come into force on being approved by this Board. (See Reporter's Notes.)

Mar. 17th. Amending By-law No. 355, filed.

PROCEDURE FILE A-410

Application by the City of Kitchener, under section 5 of "The Planning and Development Act," for approval of its By-law No. 1891, amending its Zoning By-law No. 1823, as amended by its By-laws Nos. 1834 and 1835.

Feb. 22nd. Application and copy of By-law filed.

Mar. 20th. New By-law, No. 1896 (repealing By-law 1891), filed.

April 13th. Hearing, pursuant to appointment, 11.30 a.m. to 12.30 p.m., at Council Chamber, City Hall, Kitchener. Application approved, subject to By-law being amended by following (or words to same effect): "No storage

(other than in the showroom).” The figure “14” to be substituted for “15.” (See Reporter’s Notes.)

May 12th. Amending By-law No. 1904 (amending By-laws Nos. 1823, 1834 and 1835 and repealing By-laws Nos. 1891 and 1896) filed.

May 18th. By-law No. 1904 approved. Applicant to draft order.

May 25th. Draft order filed.

May 26th. Order issued.

April 13th, 1926.

ORDER

Upon the application of the Corporation of the City of Kitchener, for approval of By-law Number 1904 of the said Corporation, in the presence of counsel for the Corporation and several interested parties in person, and upon hearing what was alleged by the said parties;

It is ordered and directed that the approval of this Board be and it is hereby granted to the said By-law No. 1904.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-412

Application by the Town of Kapuskasing, under section 399a (2b) of “The Consolidated Municipal Act, 1922,” for approval of its By-law No. 79, amending its Restricted Area By-law No. 21.

Feb. 24th. Application and material filed.

May 10th. Hearing, pursuant to appointment, at Town Hall, Kapuskasing (Mr. Commissioner Ellis, authorized under section 9, chapter 186, R.S.O.).

May 21st. Amending By-law No. 86 (amending By-law No. 79), filed.

June 30th. Report of Mr. Commissioner Ellis filed and adopted.

June 30th. Order (approving By-law No. 79, as amended by No. 86) issued.

REPORT OF MR. COMMISSIONER ELLIS

I heard these applications at Kapuskasing on 10th May last. The original By-law, No. 21, which it is proposed to amend, was passed on the 4th September, 1922, under section 399a of “The Consolidated Municipal Act, 1922.” At that time this section only provided for prohibiting the use of land for the erection or use of buildings within any defined area for any other purpose than that of a detached private residence. It has since been amended by providing that the use of land or the erection or use of buildings within any defined area could be prohibited for any purpose. All the lots in the Town of Kapuskasing were originally owned by the Province, and those that have been sold were so sold subject to certain restrictions.

In what is known as the “business circle,” the buildings to be erected upon the lots were restricted to buildings to be used for retail or commercial business, and such buildings were not to have more than three separate living compartments in connection therewith. The intention of By-law No. 79 is to amend By-law No. 21 by restricting the use of the lots in the business area to the purposes mentioned in the Province’s building conditions, which could not be done under section 399a of the Municipal Act in 1922. By-law No. 79 also provides that the buildings to be erected in the business circle shall not be erected nearer

than four feet to the front line of the lots or the street line. As By-law No. 79 merely carries out what was intended and understood by all parties, I recommend that it be approved, subject to an amending by-law being passed which will more clearly express the intention. There was no opposition to By-law No. 79. Since I heard the application, By-law No. 79 has been amended by By-law No. 86 on the lines indicated by me at the hearing. By-law No. 79, as amended by By-law No. 86, can therefore now be approved.

With regard to By-law No. 80, there is much more difficulty, and there was a great deal of opposition to it. It deals with the lots in what is known as the "industrial area." The conditions of sale for lots in this area provided that the buildings erected thereon should be those required for industrial business, apartments, boarding houses or for any use other than for private detached dwellings. The strict interpretation of this provision might be held to mean that buildings for wholesale or retail business purposes might be erected on the lots.

Upon consideration of the evidence adduced and of the material filed, it would appear that the intention in laying out the townsite was not to allow the erection of buildings to be used as stores in this area. There has therefore arisen a doubt as to whether stores could or could not be erected in the area. Several of such buildings were erected in the area prior to the passing of By-law No. 80, and several others have been erected after the passing of this by-law, and before I heard the application. As those who have erected the stores in the industrial area have apparently done so in good faith, and as all the lots in the area heretofore have been entirely free from any restrictions under section 399a of the Municipal Act, I think it would be well to give the persons who have erected such stores the benefit of any doubt.

I therefore recommend that if the Town Council will pass another by-law amending By-law No. 80, by striking out of the latter by-law the lots upon which such buildings were erected for use as stores at the time I heard the application, that By-law No. 80 when so amended be approved.

(Sgd.) J. A. ELLIS,
Commissioner.

Toronto, June 30th, 1926.

Adopted as the basis of the Board's Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

30th June, 1927.

ORDER

Upon the application of the said Corporation, and upon reading the copies of the said By-laws and other material filed, and upon reading the Report of Mr. Commissioner Ellis (authorized under section 9, chapter 186, R.S.O.) on the hearing held, pursuant to appointment at the Town Hall, in the Town of Kapuskasing on the 10th day of May, 1926, which Report, dated the 30th day of June, A.D. 1926, has been adopted as the basis of this Order,

The Board orders, under and in pursuance of the provisions of subsection (2b) of section 399a of "The Consolidated Municipal Act, 1922," that the said By-law No. 79, intituled "By-law No. 79. A By-law to create an area for business and commercial purposes, and to regulate the location of buildings to be erected or altered," as amended by the said By-law No. 86, be and the same is hereby approved.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-412

Application by the Town of Kapuskasing, under section 399a of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 80, amending its Restricted Area By-law No. 21.

Feb. 27th. Application and material filed.

May 10th. Hearing. (See entry in P.F. A-412.)

June 30th. Report Mr. Commissioner Ellis, filed and adopted. (See P.F. A-412.)

July 8th. Copy of By-law No. 92, amending By-law No. 80, filed.

July 8th. Order issued.

July 8th, 1926.

ORDER

Upon the application of the said Corporation, and upon reading the copies of the said By-laws and other material filed, and upon reading the Report of Mr. Commissioner Ellis (authorized under section 9, chapter 186, R.S.O.) on the hearing held, pursuant to appointment at the Town Hall, in the Town of Kapuskasing, on the 10th day of May, 1926, which Report, dated the 30th day of June, A.D. 1926, has been adopted as the basis of this Order, and copy of the said By-law No. 92, amending the said By-law No. 80, having been filed in accordance with the said Report,

The Board orders, under and in pursuance of the provisions of subsection (2b) of section 399a of "The Consolidated Municipal Act, 1922," that the said By-law No. 80, intituled "By-law No. 80. A By-law to amend By-law No. 21 of the Municipality of the Town of Kapuskasing, to prevent the erection or use of buildings on certain lands in the Town of Kapuskasing for the purpose of private residences, retail or wholesale stores," as amended by the said By-law No. 92, be and the same is hereby approved.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-416

In the matter of the application of the Corporation of the Village of Wheatley, under section 17 of "The Consolidated Municipal Act, 1922," for annexation to the said Village of certain parts of the Townships of Mersea and Romney, all as set forth in Schedule "A" hereto annexed.

Feb. 26th. Application certified copy of resolution of Village Council and surveyor's description and plan (blueprint), filed.

Mar. 19th. Hearing, pursuant to appointment, 1 to 1.30 p.m., Council Chamber, Town Hall, Wheatley. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.) Judgment reserved.

Mar. 23rd. Report of Vice-Chairman filed and adopted. Application granted (on terms).

Mar. 30th. Approved draft order filed.

April 1st. Order issued.

REPORT

As authorized by the Board, pursuant to the provisions of section 9 of "The Ontario Railway and Municipal Board Act," the undersigned, pursuant to

appointment, attended at the Village Hall in the Village of Wheatley, on Friday, the 19th instant, for the purpose of an enquiry into the annexation application of the aforesaid applicant, and having heard the statements and evidence submitted on behalf of all parties interested, now reports as follows:

The applicant was represented by J. G. Kerr, Esq., K.C., and those opposed by Messrs. Nelson Julien, Archibald Shank, George J. Healey, and by Mr. Henry Hodgson representing the Township of Romney.

From the evidence submitted it would appear that public notice of the hearing was duly given as directed by the Board. A plan and technical description were prepared by an Ontario land surveyor, and filed with the Board. In regard to the latter, a certificate will require to be made by the Ontario land surveyor as to the correctness of the technical description of the said lands proposed to be annexed to the Village of Wheatley.

The Village Council are unanimously in favour of the annexation. The objections of those opposing it are based largely on what they think will be increased taxation should the application be approved. It was also intimated by one of those opposed that the gas rates would be higher. The representative of the Township of Romney was of the opinion that the percentage now payable by the Township towards the Union School Section would be increased beyond the 18 per cent. now payable.

In view of the objections raised in regard to the assessment of farm lands, I am of the opinion that there should be a fixed assessment for the term of five years; that is to say, the present assessment on the lands annexed should remain unchanged for a period of five years (1927-1931, both inclusive), provided that any lands that shall be used for other than farm purposes only may thereupon be reassessed by the said Village.

I recommend that the application be granted on the above terms.

(Sgd.) A. B. INGRAM,

Vice-Chairman.

Adopted as the basis of the Board's Order.

(Sgd.) J. A. ELLIS,

Commissioner.

Dated at Toronto, this 23rd day of March, 1926.

March 23rd, 1926.

ORDER

This application having come on to be heard before the Vice-Chairman of this Board at Wheatley, on Friday, the 19th day of March, 1926, pursuant to appointment in that behalf, and all proper times having elapsed and all notices and advertisements given, and the Vice-Chairman having heard all the evidence adduced and what was alleged by counsel, and the Board having held the same over for judgment and the same coming on this day for judgment, and the Board deeming it expedient that the application be allowed,

It is ordered that from and after the first day of January, 1927, the following parcels or tracts of lands, roads and premises shall be and the same are hereby annexed to the Village of Wheatley and declared to form a part of the territory comprised within the limits of the said village, that is to say, all and singular those certain parcels or tracts of lands, roads and premises situate, lying and being partly in the Township of Mersea, in the County of Essex, and partly in the Township of Romney, in the County of Kent, and part of the Townline Road between the said townships, and which said parcels or tracts may be more particularly described as follows:

1. Part of Lot 218, North Talbot Road Range, in the Township of Mersea, more particularly described as follows: Commencing at the intersection of the northerly limit of the Village of Wheatley, with the westerly limit of the Townline Road between the Townships of Mersea and Romney; thence westerly following the northerly limit of the said village six hundred and seventy-seven feet (677') more or less to the line in the centre of Lot 218; thence northerly following the said line in the centre of Lot 218, two thousand six hundred and eighty-nine feet (2,689') more or less to the northerly limit of the land now owned and occupied by Jas. E. McClellan; thence easterly following the northerly limit of the said McClellan's land six hundred and seventy-six feet (676') more or less to the westerly limit of the Townline Road; thence southerly following the westerly limit of the Townline Road two thousand six hundred and eighty-five feet six inches (2,685' 6'') more or less to the place of beginning.

2. Part of Lots 6 and 7 in Concessions 2 and 3 and part of the road allowance between concessions 2 and 3, and part of the road allowance between Lots 6 and 7, all in the Township of Romney, in the County of Kent, and which said parcels or tracts may be more particularly described as follows: Commencing at the intersection of the north limit of the Village of Wheatley with the east limit of the Townline Road; thence east following the north limit of the said village seven hundred and sixty-nine feet (769') more or less to the northeasterly angle thereof; thence N. 6° 27' W. six hundred and three feet (603') more or less to an iron bar; thence N. 0° 02' E. twelve hundred and eighty-one feet, six inches (1,281' 6'') more or less to an iron bar planted in the Third Concession Road; thence N. 9° 27' W. eleven hundred and eighty feet (1,180') more or less to the northerly limit of the Pere Marquette Railway right-of-way; thence south-westerly following the said northerly limit of the Pere Marquette Railway right-of-way two hundred and ninety-nine feet, six inches (299' 6'') more or less to a wire fence forming the northerly limit of the lands of one Julien; thence westerly following the last-mentioned limit two hundred and eighty feet (280') more or less to the east limit of the Townline Road; thence south following the east limit of the said Townline Road two thousand eight hundred and forty-six feet, six inches (2,046' 6'') more or less to the place of beginning.

3. The Townline Road between the Townships of Mersea and Romney, from the north limit of the present village to the north limit of the lands now owned by Jas. E. McClellan, a distance of two thousand six hundred and eighty-five feet, six inches (2,685' 6'').

It is further ordered, by and with the consent of the applicants and as a condition upon which this Order is issued, that all farm lands within the territory above described in parcels Numbers One and Two, now assessed as farm lands, shall bear the same assessment for the next five years as the assessment they now bear, provided they continue to remain farm lands, so that throughout the years 1927 to 1931, both inclusive, all lands in the said added district now assessed as farm lands and continuing to be used as farm lands, shall be assessed at the same valuation per acre as they are now, and the same shall apply to the farm buildings thereon.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE 417

Application by the Wheatley Telephone Co., Ltd., under section 88 of "The Ontario Telephone Act, 1918," for authority to increase charges for service.

Mar. 2nd. Application and material filed.

Mar. 19th. Hearing, pursuant to appointment, 1 to 2 p.m., Town Hall, Wheatley (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.).

Mar. 30th. Report of Vice-Chairman filed and adopted.

Mar. 30th. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, March 30th, 1926.

March 30th, 1926.

ORDER

In the matter of the application of the Wheatley Telephone Company, Limited, for authority to increase the charges for rural party line service, as follows:

From \$18.00 per annum, less a discount at the rate of \$3.00 per annum for prompt payment, to \$20.00 per annum, payable quarterly in advance, less a discount of 10 per cent. for prompt payment.

Also for the approval of an installation charge to new subscribers of \$1.50, and a re-installation charge of \$1.50 in cases where the telephone is removed for non-payment of charges.

Upon the application of the above-named applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, statements of assets and liabilities, receipts and disbursements, and other material filed.

The Board orders that, subject to the several conditions prescribed in this Order, the applicant, the Wheatley Telephone Company, Limited, be authorized to charge \$20.00 per annum for rural party line service, payable quarterly in advance, less a discount of 10 per cent. on all amounts paid within thirty days from the date of rendering the account for same and to take effect as from April 1st, 1926.

The Board further orders that in each case where a subscriber to the system of the applicant instructs the applicant in writing to disconnect his service and remove the telephone, or where such service is discontinued for non-payment of charges due and in arrear for a period of over thirty days, the applicant may, before such service is reconnected, charge a fee of \$1.50 to cover the cost of the reinstallation of the telephone upon the premises of such subscriber; provided, however, that such charge shall only apply in cases where the service is reconnected within twelve months from the date upon which the telephone was removed from the premises aforesaid.

The Board further orders that the installation charge of \$1.50 proposed by the applicant be not approved.

The Board further orders:

1. That for the purpose of providing a fund to meet the cost of the renewal of its plant and equipment, the applicant shall, on December 31st, 1926, and each year thereafter, set aside out of its earnings a sum equal to not less than five per cent. of the total value of the plant and equipment used in the applicant's business on December 31st in each year. The fund so provided shall, unless

otherwise authorized by the Board, be applied exclusively to the cost of renewing such portion of the said plant and equipment as may from time to time be rendered necessary by depreciation or obsolescence, and after deducting therefrom such amounts as may have been so expended in any one year, the residual amount shall be deposited in a chartered bank at interest, and the money so deposited may, with the approval of the Board, be invested in interest-bearing securities, and all interest accruing from any portion of the depreciation fund so deposited or invested shall from time to time be carried to the credit of the said fund.

2. That the applicant shall, on or before the fifteenth day of January in each year, furnish the Board with a report, setting forth: (a) the total amount standing at the credit of the fund referred to in clause 1 hereof on the 31st day of December in the preceding year, (b) the amount of such fund which has been temporarily used in the purchase of securities, (c) the names and values of the securities so purchased, together with (d) a certified statement from the bank in which the fund is deposited, showing the amount standing at the credit of such fund on the last-named date.

3. That the applicant shall keep separate records of all expenditure upon the construction, operation, maintenance and renewal of its plant and equipment, and shall each year furnish its shareholders with an annual report and balance sheet in the form approved of by this Board, as set forth on pages 156 to 159 of "Telephone Systems, 1923," or in such form as may hereafter be prescribed by the Board.

And the Board makes no order for costs, save and except that the applicant shall pay \$10.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-421

Application by D. Campbell, under section 33 of "The Ontario Telephone Act, 1918," for an Order determining the validity of a special rate levied under Part II of the said Act, upon the property of the applicant by the Municipal Corporation of the Township of London.

Mar. 6th. Application and material filed.

May 21st. Hearing, pursuant to appointment, 10.30 to 11.45 a.m., Court House, London. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.)

June 1st. Report of Vice-Chairman filed and adopted.

June 1st. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

June 1st, 1926.

ORDER

Upon the application of the above-named applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties and other material on file,

The Board orders and determines, pursuant to section 33 of "The Ontario Telephone Act, 1918":

1. That Daniel Campbell is a subscriber, as defined by subsection (g) of section 2 of "The Ontario Telephone Act, 1918," to the telephone system of the Municipality of the Township of Lobo.

2. That an annual special rate may be levied and collected upon the property of the said Daniel Campbell, situate in the Township of Lobo, and known as Lot 6, Concession 4, for the purpose of paying his share of the cost of establishing and maintaining the telephone system of the Municipality of the Township of Lobo each year until the expiration of the period for which debentures may be issued to meet the cost of establishing the said system.

3. That all special rates heretofore levied and hereafter to be levied upon the property of the said Daniel Campbell as herein described under the provisions of sections 29, 29a, 29c and 30 of "The Ontario Telephone Act, 1918," shall be deemed to be valid and lawfully levied; provided that such special rate levied in any year shall not exceed the amount approved by the Board under the provisions of section 88 of "The Ontario Telephone Act."

And the Board makes no order for costs or for law stamps in respect of this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-431

Application of the North Renfrew Telephone Co., Ltd., under section 88 of "The Ontario Telephone Act, 1918," for authority to increase charges for service.
Mar. 10th. Application filed.

Oct. 15th. Hearing, pursuant to appointment, 10 to 11 a.m., Town Hall, Beachburg. (Mr. Commissioner Ellis, authorized under section 9, chapter 186, R.S.O.)

Nov. 1st. Report of Mr. Commissioner Ellis filed and adopted.

Nov. 1st. Order application granted.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) J. A. ELLIS,
Commissioner.

Toronto, November 1st, 1926.

November 1st, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of J. A. Ellis, Esquire, Commissioner, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements, and other material filed.

The Board orders that the Applicant, The North Renfrew Telephone Company, Limited, be authorized to charge the following rates for telephone service:

To Shareholders	\$12.00 per annum
To Non-shareholders.....	\$17.00 per annum

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-432

Application by the Village of Crystal Beach under Section 399a of "The Consolidated Municipal Act, 1922," for approval of By-law No. 99—regulations as to buildings in said Village.

Mar. 12th. Application and material filed.

Apr. 7th. By-law No. 102, repealing By-law No. 99, filed.

Apr. 7th. By-law No. 103 (Building regulation By-law), filed.

Apr. 27th. Hearing, pursuant to appointment, 2 to 4 p.m., Town Hall, Crystal Beach. Approval withheld with view to having Council meet for the purpose of arranging a proper zoning By-law. Adjourned "sine die" to be taken up again on a week's notice—(See Reporter's Notes).

PROCEDURE FILE A-440

Application by Fred A. Perry, Trading as "The Perry Telephone System," under Sections 83 and 84 of "The Ontario Telephone Act, 1918," for an Order restraining The Ernesttown Telephone Co., Ltd., from disconnecting the line of the Applicant from the switchboards of the Company located at Odessa and Bath and prescribing the terms and conditions for interchange of service between the systems of the Applicant and the Company.

Mar. 18th. Application and material filed.

Apr. 20th. Hearing, pursuant to Appointment, 11.15 a.m. to 12. 15 p.m., Court House, Napanee. (Mr. Commissioner Ellis authorized under section 9, Chapter 186, R.S.O.) Parties given 30 days to reach Agreement.

Nov. 25th. Order approving Agreement (under Section 82).

November 25th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading Memorandum of Agreement made the First day of November, A.D. 1926, by and between Fred A. Perry, trading as The Perry Telephone System, and the Ernesttown Rural Telephone Company, Limited, duplicate of which Agreement has been filed in the office of the Board.

The Board orders that the said Agreement be and the same is hereby approved, under and in pursuance of section 82 of "The Ontario Telephone Act, 1918," provided that the Board may at any time hereafter, of its own motion, or upon any application or complaint, rescind this Order, and withdraw its approval of the above-mentioned Agreement, and require the same to be altered, amended, varied or otherwise changed or modified as to the said Board may seem requisite or proper.

And the Board makes no order for costs, save and except that the Applicant and The Ernesttown Rural Telephone Company, Limited, shall each pay the sum of One Dollar for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-441

(See P.F.F. 301; 928; 5152 and 9088)

In the matter of "The Ontario Railway and Municipal Board Act," and

In the matter of fees to be charged and collected, or paid in Law Stamps.

Mar. 22nd. Order issued approving amendment (Schedule "E") to Board's tariff.

Mar. 29th. Order issued approving amendment (New Schedule "E") to Board's tariff and rescinding Order dated Mar. 22nd, 1926.

March 29th, 1926.

ORDER

The Board, under and in pursuance of the provisions of "The Ontario Railway and Municipal Board Act," orders that the tariff of fees to be charged and collected or paid in Law Stamps be and the same is hereby amended by the addition thereto of Schedule "E" hereto annexed.

And the Board orders that notwithstanding anything contained in Schedules "A," "B," "C," and "D," of the Board's tariff, the amendment set forth in the said Schedule "E" shall be effective of and from the date of this Order.

And the Board further orders that its Order herein bearing date the 22nd day of March, A.D., 1926 (together with the Schedule thereto) be and the same is hereby rescinded.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

SCHEDULE "E"

ARBITRATIONS OR REFERENCES

In arbitrations or references to the Board under Public General Acts of Ontario requiring a Hearing there shall be paid in Law Stamps the sum of \$15.00 for each day or fraction thereof over one half day, and the sum of \$10.00 for each half day or less occupied by or in connection with the Hearing, and \$1.00 on each original subpoena.

In all other arbitrations or references requiring a Hearing there shall be paid in Law Stamps the sum of \$50.00 for each day or fraction thereof over one-half day, and the sum of \$25.00 for each half day or less occupied by or in connection with the Hearing, and \$1.00 on each original subpoena.

PROCEDURE FILE A-448

Application by the Sutton & North Gwillimbury Telephone Co., Ltd., under section 87 of "The Ontario Telephone Act," for approval of the sale by the Applicant of its entire undertaking to The Bell Telephone Co. of Canada.

Mar. 25th. Application filed.

Apr. 16th. Hearing, pursuant to Appointment, 1.30 to 2.30 p.m., Town Hall, Sutton West. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Apr. 20th. Report of Vice-Chairman filed and adopted.

Apr. 20th. Order—Application granted.

REPORT

The undersigned having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

Toronto, April 20th, 1926.

April 20th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the said Application, the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, and other material filed.

The Board orders, pursuant to section 87 of "The Ontario Telephone Act, 1918," that the sale by the Applicant of the entire plant and equipment comprising The Sutton and North Gwillimbury Telephone Company, Limited, located in the Village of Sutton West and the Townships of Georgina and North Gwillimbury, in the County of York, to The Bell Telephone Company of Canada, Limited, be and the same is hereby approved.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$10.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-462

Between:

The Lyndhurst Rural Telephone Co., Ltd.,

Applicant,

—and—

The Plum Hollow & Eloida Telephone Co., Ltd.,

Respondent.

(For an Order requiring the removal of certain wires erected parallel with the lines of the Applicant without authority, and restraining the Respondent from such further acts.)

Apr. 12th. Application filed.

Apr. 19th. Hearing, pursuant to appointment, 2.45 to 4.30 p.m., Court House, Brockville. (Mr. Commissioner Ellis authorized under Section 9, Chapter 186, R.S.O.) Parties directed to endeavour to arrange a settlement. (See Board's letter of April 22nd, 1926, to Applicant's Solicitor) .

PROCEDURE FILE A-463

Application by The Dunsford Telephone, Light & Power Co-operative Ass'n., Ltd., under Section 88 of "The Ontario Telephone Act, 1918," for authority to increase charges for service.

Apr. 12th. Application filed.

May 26th. Hearing pursuant to Appointment, 1.15 to 2.45 p.m., Court House, Lindsay. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

May 31st. Report of Vice-Chairman filed and adopted.

May 31st. Order—Application granted.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

May 31st, 1926.

ORDER

In the matter of the application of The Dunsford Telephone, Light & Power Co-operative Association, Limited, for the approval of the following toll charges between Bobcaygeon and Dunsford:

For station to station calls: 10 cents for each conversation of five minutes' duration.

For person to person calls: 15 cents for each conversation of three minutes' duration.

The aforesaid tolls to be in lieu of a flat rate of 5 cents per conversation, as provided in the Board's Order of April 20th, A.D. 1916.

Upon the application of the above-named Applicant, upon reading the said application, the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, and other material on file.

The Board orders that the Applicant be and is hereby authorized to charge the following tolls between Bobcaygeon and Dunsford:

For station to station calls: 5 cents for each conversation of five minutes' duration.

For person to person calls: 10 cents for each conversation of five minutes' duration.

The said charges to take effect as from June 1st, A.D., 1926.

And the Board further orders that Clause 3 of its Order dated the Twentieth day of April, A.D., 1916, be and the same is hereby cancelled.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$15.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-466

Application by The Kemble & Sarawak Telephone Co., Ltd., under Section 88 of "The Ontario Telephone Act, 1918," for approval of increased charges. Apr. 12th. Application and other material filed.

Sept. 20th. Hearing, pursuant to Appointment, 2.30 to 5 p.m., at the Court House, Owen Sound. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 5th. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements and other material filed.

The Board orders that the Applicant, The Kemble and Sarawak Telephone Company, Limited, be authorized to charge \$12.50 per annum for Rural Party Line Service, to take effect as from July 1st, 1926.

The above charge is subject to a discount at the rate of \$2.50 per annum on all amounts paid within thirty days from the date of rendering the account for same.

And the Board further orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-467

Application by The Jackson Telephone Co., under Section 88 of "The Ontario Telephone Act, 1918," for approval of increased charges.

Apr. 12th. Application filed.

Sept. 20th. Hearing pursuant to Appointment, 2.30 to 5 p.m., Court House, Owen Sound. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 5th. Order application granted.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence

adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements, and other material filed.

The Board orders that the Applicant, The Jackson Telephone Company, Limited, be authorized to charge \$18.00 per annum for Rural Party Line Service, to take effect as from July 1st, 1926.

And the Board further orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-468

Application by Edward Barker, under Section 33 of "The Ontario Telephone Act, 1918," for an Order determining the validity of a special rate levied under the above Act on his property by LaVallee Municipal Telephone System.

Apr. 12th. Application filed.

Sept. 24th. Hearing, pursuant to appointment, 3 p.m.:4.30 to 5 p.m., Town Hall, Emo. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.) Parties advised that as Applicant has paid all instalments of principal and interest in respect of debentures now fully paid, he is entitled to be released from further liability as provided in Section 29d of "The Ontario Telephone Act, 1918."

PROCEDURE FILE A-472

Application by the Municipal Corporation of the Township of Bucke, under Section 18 (1) of "The Consolidated Municipal Act, 1922," for annexation thereto of the Township of Lorrain, "South Lorrain" and Township of Firstbrook.

Apr. 14th. Application and copy of Resolution of Council of Township of Bucke filed.

June 24th. Hearing, pursuant to appointment, 11 a.m. to 2 p.m., Court House, Haileybury. Application dismissed.

PROCEDURE FILE A-474

Between:

J. C. Scott, *et al.*,

Applicants,

—and—

The Municipal Corporation of the Municipality of Alberton,
Respondent.

(Application under Sections 33 and 104 of "The Ontario Telephone Act, 1918," to determine the validity of a special rate levied by the Respondent on the property of the Applicants; and enquiry as to whether rates charged by Respondent are sufficient to pay debenture debt and interest and maintenance; and for revision of such rates for the purposes aforesaid.)

Apr. 15th. Application and material filed.

Sept. 24th. Hearing, pursuant to appointment, 9.30 to 10 a.m., Court House, Fort Frances. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.) No one appeared for Applicant.

PROCEDURE FILE A-519

Application by the Dominion Builders Supplies, Ltd., under "The Planning and Development Act," for approval of plan of Part Lot 4, Registered Plan 326, in Village of Forest Hill, Township of York.

May 5th. Application and material filed.

May 20th. Hearing, pursuant to appointment, 11 a.m. to 1.10 p.m., at Board's Chambers. Judgment reserved 10 days pending negotiations re Agreement. If Agreement not settled after 10 days to be referred to Engineer of Board who is to then inspect (with Engineers of parties) and report to Board. (See Reporter's Notes.)

June 29th. Hearing continued. Plan approved, work to be done under supervision of Village Engineer, subject—in case of difference—to reference to Board's Engineer (Board's Engineer's fee to be paid by party over-ruled, and in case of compromise one-half such fees to be paid by each party). (See Reporter's Notes.)

PROCEDURE FILE A-527

Between:

I. Rosenstein,

Applicant,

—and—

Commissioners for Telephone System of Municipality of
Tarbutt & Tarbutt Additional,

Respondents.

(Application under section 88 of "The Ontario Telephone Act, 1918," for revision of Board's Order approving charges for service to Bear Island No. 11.)

May 11th. Application and material filed.

Sept. 22nd. Hearing, pursuant to appointment, 10.30 a.m. to 12 m., Town Hall, Desbarats. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Oct. 6th. Report of Vice-Chairman filed and adopted.

Oct. 6th. Order—Application dismissed.

REPORT

The undersigned having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 6th, 1926.

October 6th, 1926.

ORDER

Upon the application of the above-named Applicant, in the presence of the Applicant and Respondents, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of the Applicant and Respondents, and Counsel for the Applicant and Respondents, and other material on file.

The Board orders that the application of the Applicant be and the same is hereby dismissed.

And the Board makes no Order for costs or for Law Stamps in respect of this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-528

Application by The Ben Allen Telephone Co., Ltd., under Section 88 of "The Ontario Telephone Act, 1918," for approval of charges for telephone service.

May 11th. Application etc., filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30—5 p.m., Court House, Owen Sound. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 5th. Order—application granted—to take effect from July 1st, 1926.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements, and other material filed.

The Board orders that the Applicant, The Ben Allen Telephone Company, Limited, be authorized to charge \$13.00 per annum for Rural Party Line service, to take effect as from July 1st, A.D., 1926.

And the Board further orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-529

Application by The Hoath Head & Grey Telephone Co., under Section 88 of "The Ontario Telephone Act, 1918," for approval of charges for telephone service.

May 11th. Application, etc., filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30 to 5 p.m., Court House, Owen Sound. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

- Oct. 5th. Report of Vice-Chairman filed and adopted.
 Oct. 5th. Order—granting application.

REPORT

The undersigned having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements and other material filed.

The Board orders that the Applicant, The Hoath Head and Grey Telephone Company, Limited, be authorized to charge \$14.00 per annum for Rural Party Line Service, to take effect as from July 1st, 1926.

And the Board further orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-530

Application by the Maple Leaf Telephone Co., Ltd., under Section 88 of "The Ontario Telephone Act, 1918," for approval of charges for telephone service.

May 11th. Application, etc., filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30 to 4.30 p.m., Court House, Owen Sound. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 29th. Order—Application granted.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements and other material filed.

The Board orders that the Applicant, The Maple Leaf Telephone Company, Limited, be authorized to charge \$12.00 per annum for Rural Party Line Service, to take effect as from July 1st, 1926.

And the Board further orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,

(Seal)

Vice-Chairman.

PROCEDURE FILE A-533

Application by The Sydenham Union Telephone Co., Ltd., under Section 88 of "The Ontario Telephone Act, 1918," for approval of its charges for telephone service.

May 11th. Application filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30 to 4.30 p.m., Court House, Owen Sound. (Vice-Chairman authorized under section 9, Chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 5th. Order—Application granted.

REPORT

The undersigned having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,

Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements and other material filed.

The Board orders that the Applicant, The Sydenham Union Telephone Company, Limited, be authorized to charge \$11.20 per annum for Rural Party Line Service, to take effect as from July 1st, 1926.

And the Board further orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-534

Application by the Township of Etobicoke, under Chapter 62, 13-14 Geo. V., and amendments thereto, being a special Act respecting the Township of Etobicoke, for approval of its By-law No. 1980—setting apart a definite area as an extension to Water Area No. 7 in the said Township and for the construction of a water system therein.

May 12th. Application and material filed.

June 1st. Hearing, pursuant to appointment, 11 to 11.15 a.m., at Board's Chambers. Application granted. Applicant's Solicitor to draft Order.

June 4th. Draft Order filed.

June 4th. Order issued.

June 1st, 1926.

ORDER

Upon the application of the said Corporation, and upon hearing what was alleged by Counsel for the Applicant, no one appearing to oppose the application, and upon reading the affidavit of Florence Homan as to the due publication of Notice of the Application, and of S. Barratt as to the posting up of notices of the application,

The Board orders and certifies under and in pursuance of the provisions of the said Act, being Chapter 62, 13-14 Geo V., and amendments thereto, that the said By-law No. 1980, intituled "By-law Number 1980 a By-law of the Municipality of the Township of Etobicoke to extend or enlarge a definite section or area of the Municipality known as Water Area No. 7, as established by By-law No. 1623, and enlargements thereof, by adding thereto the lands hereinafter defined and described, and to construct and extend the system of water-mains and water works in Water Area No. 7 into the area hereinafter described, for the benefit of the said area," be and the same is hereby approved.

And the Board Orders that a fee of Ten Dollars for Law Stamps be paid on this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-535

Application by the Fifth Line Telephone Co., Ltd., under Section 88 of "The Ontario Telephone Act, 1918," for approval of charges for service.

May 12th. Application and material filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30 to 5 p.m., Court House, Owen Sound. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 5th. Order—Application granted—(charges to take effect from July 1st, 1926).

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of A. B. Ingram, Esq., Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements and other material filed.

The Board orders that the Applicant, The Fifth Line Telephone Company, Limited, be authorized to charge \$13.00 per annum for Rural Party Line Service, to take effect as from July 1st, A.D., 1926.

And the Board further Orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman

(Seal)

PROCEDURE FILE A-540

Application by The Silcote Telephone Co., Ltd., under Section 88 of "The Ontario Telephone Act, 1918," for authority to increase charges for service.

May 17th. Application and material filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30 to 5 p.m., at the Court House, Owen Sound. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 5th. Order—Application granted.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the abovenamed Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements and other material filed.

The Board orders that the Applicant, The Silcote Telephone Company, Limited, be authorized to charge \$11.00 per annum for Rural Party Line Service, to take effect as from July 1st, 1926.

And the Board further orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,

Vice-Chairman.

(Seal)

PROCEDURE FILE A-541

Application by The Glen Eden Telephone Co., under Section 88 of "The Ontario Telephone Act, 1918," for authority to increase charges for service.

May 17th. Application and material filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30 to 5 p.m., Court House, Owen Sound. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 5th. Order—Application granted.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,

Vice-Chairman.

Toronto, October 5th, 1926.

October, 5th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements and other material filed.

The Board orders that the Applicant, The Glen Eden Telephone Company, Limited, be authorized to charge \$12.00 per annum for Rural Party Line Service, to take effect as from July 1st, 1926.

And the Board further orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,

Vice-Chairman.

(Seal)

PROCEDURE FILE A-554

Application by The Suydam Realty Co., Ltd., under "The Planning and Development Act," for approval of plan of St. Andrew's College property (MacLennan Ave.,) Toronto.

May 26th. Application and material filed.

June 9th. Hearing, pursuant to appointment, 11 to 11.50 a.m., at Board's Chambers. Adjourned pending negotiations to 15 inst., at 11 a.m.

June 15th. Hearing continued, 11 a.m. to 12 m. Amended plan to be approved on advice from City Solicitor that Agreement reached re Block "A" (shewn on blue print filed to-day). (See Reporter's Notes.)

July 26th. Further material filed as directed.

July 26th. Plans approved and certified.

PROCEDURE FILE A-555

In the matter of the application by the City of Toronto, under Section 94 of "The Public Health Act," for an Order prescribing the manner in which may be carried on the work of continuing the sewerage system of the City of Toronto into the Township of East York and location, etc., of a sewerage plant in connection therewith.

May 27th. Application and material filed.

June 14th. Hearing, pursuant to appointment, 11 to 11.30 a.m., at Board's Chambers. Copy of Nasmith & Eddy's Report to be filed and served on the Clerk of East York Township. Draft Order to be submitted to Township of East York for approval.

June 17th. Material filed (including approved draft Order) as directed.

June 21st. Order.

June 14th, 1926.

ORDER

Upon the application of the Corporation of the City of Toronto pursuant to Section 94, Subsection (11) of "The Public Health Act," for an Order prescribing the manner in which may be carried on the work of continuing the sewerage system of the City of Toronto in the Township of East York and of locating, constructing, maintaining and operating the sewage disposal plant and works for the City of Toronto with the necessary appurtenances, etc., in the said Township of East York;

And the Applicant having in support of such application submitted the following documents, namely:

1. A plan showing the proposed site of the said sewage disposal plant and works with the necessary appurtenances, etc., located partly in the Town of Leaside and partly in the Township of East York within the area lying east of the Canadian Pacific Railway right-of-way west of the production southerly of Leslie Street and north of the line of St. Clair Avenue produced and showing also the location of the sewer to be laid through the Town of Leaside and the Township of East York to connect with the said plant and works.

2. A report made by Harrison P. Eddy and George G. Nasmith, Consulting Engineers, to R. C. Harris, Esquire, Commissioner of Works for the City of Toronto, dated 3rd day of April, 1926, making recommendations in respect to the North Toronto Sewerage Disposal.

3. A certified copy of a resolution passed by the Council of the Corporation of the Township of East York on the 9th day of March, 1926, approving and consenting to the location and operation by the City of Toronto of a sewage disposal plant and works with the necessary appurtenances in the Township of East York on the said site and to the construction, maintenance and use of the said sewer connecting therewith.

4. A certified copy of a resolution passed by the Council of the Corporation of the Town of Leaside on the 17th day of April, 1926, approving and consenting to the location and use of the said sewage disposal plant and works in the Town of Leaside and to the construction, maintenance and use of the said sewer connecting therewith.

5. A copy of the certificate of the Provincial Board of Health dated the 20th day of May, 1926, approving of the construction of the said sewage disposal plant and works on the said site as recommended in the said report of Harrison P. Eddy and George G. Nasmith according to the plan therein referred to as Project III;

And the Board having appointed this day for the hearing of the application and having given directions as to the service, publication and posting of copies of its appointment for hearing as required by Section 94 (11) of "The Public Health Act," and having on this day heard evidence of compliance with such directions and what was alleged on behalf of the Corporation of the City of Toronto and of the Township of East York the only parties appearing before the Board.

1. The Board doth hereby prescribe that the manner in which the said work of continuing the sewerage system of the City of Toronto into the Township of East York and of locating, constructing, maintaining and operating a sewage disposal plant and works for the City of Toronto with the necessary appurtenances, etc., in the said Township of East York may be carried on shall be as set out in the said report of Harrison P. Eddy and George G. Nasmith to the Commissioner of Works for the City of Toronto, dated the 3rd day of April, 1926, and in Memorandum accompanying such Report referred to as Project III as approved by the Provincial Board of Health.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-564

Application by The Essex Border Utilities Commission under Subsection (2) of Section 10 of "The Consolidated Essex Border Utilities Act" (1922) as amended by Subsection (2) of Chapter 85, Ontario Statutes, 1925, for consent to passing of a By-law to raise by way of loan secured by issue of debentures the sum of \$375,000 for completion of Filtration Plant constructed by the said Commission.

June 1st. Application filed.

June 11th. Subpoena issued to Applicant.

June 22nd. Hearing, pursuant to appointment, 10 a.m. to 2 p.m., at Council Chamber, Windsor. Judgment reserved as to jurisdiction. Application allowed on merits. (See Reporter's Notes.)

June 28th. Judgment (letter) delivered. Board decides it has jurisdiction and consents to passing of By-law. Applicant's Solicitor to draft form of consent and have same approved by Mr. Davis.

July 21st. Order issued.

June 28th, 1926.

DEAR SIR:

In the matter of the application under Section 10 of "The Consolidated Essex Border Utilities Act," and the Amendments thereto of the Essex Border Utilities Commission for consent to the passing of a By-law to issue debentures in the sum of \$375,000.00 to complete the Filtration Plant.

The Board, after hearing all parties interested at Windsor on the 21st instant, expressed its approval of the work in question on its merits, and reserved the question of jurisdiction, this to be decided on receipt of certain documents that were to be filed, and which were filed with the Board on the 25th instant.

The Board is of opinion that it has jurisdiction herein and consents to the passing of the By-law to raise by way of loan upon the security of debentures the sum of \$375,000.00 for the completion, extension or improvement of any works already commenced by the said Commission.

You will therefore draft form of consent of this Board and submit same to Mr. Davis for approval as to form.

There will be no costs other than the Board's tariff fee of \$15.00 on the hearing herein. Kindly remit cheque to the Board for Law Stamp.

Yours very truly,

(Sgd.) A. B. INGRAM,
Vice-Chairman.

John Sale, Esq.,
Barrister, etc.,
Windsor, Ont.

June 28th, 1926.

ORDER

Upon application of the Essex Border Utilities Commission made to this Board at the City of Windsor on the 22nd Day of June under Section 10 of the Consolidated Essex Border Utilities Act, 1921, in presence of Council for the said Commission and for the City of Windsor, Towns of Walkerville, Sandwich, Riverside, Ford City and La Salle and the Township of Sandwich West, upon hearing the evidence adduced and what was alleged by Counsel and the Board having reserved its decision and the same coming on this day for decision.

The Board under and in pursuance of the Consolidated Essex Border Utilities Act and amendments thereto consents to the passing by the Essex Border Utilities Commission of the By-law set out in the proceedings herein to raise by way of loan secured by the issue of debentures the sum of Three Hundred and Seventy-five Thousand Dollars (\$375,000.00) to complete the Filtration Plant constructed by the said Commission.

And the Board makes no order as to costs except that the Commission shall pay \$15.00 for Law Stamps on this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-565

Application by The Balaclava Telephone Co., Ltd., under Section 88 of "The Ontario Telephone Act, 1918," for authority to increase charges for service.

June 2nd. Application filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30 p.m., Court House, Owen Sound. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.) No one appeared.

PROCEDURE FILE A-566

Application by the Woodford Telephone Co., Ltd., under Section 88 of "The Ontario Telephone Act, 1918," for authority to increase charges for service.

June 2nd. Application filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30 to 4.30 p.m., Court House, Owen Sound. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 5th. Order. (Application granted.)

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the abovenamed Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements and other material filed.

The Board orders that the Applicant, The Woodford Telephone Company, Limited, be authorized to charge \$12.00 per annum for Rural Party Line Service, to take effect as from July 1st, 1926.

And the Board further orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-569

Application under section 11 of "The Ontario Telephone Act, 1918," for an Order authorizing the Township of Raglan to extend the Raglan Municipal Telephone System into the Township of Lyndock.

June 4th. Application and material filed.

June 17th. Hearing, pursuant to appointment, 3.30 p.m., at Quadeville. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.) Hearing adjourned "sine die" pending further advice from applicants as to decision to extend its telephone system.

PROCEDURE FILE A-574

Application by the Bognor Telephone Co., Ltd., under section 88 of "The Ontario Telephone Act, 1918," for authority to increase its charges for service.

June 7th. Application and material filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30 to 5 p.m., Court House, Owen Sound. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 5th. Order. (Application granted—charges to take effect from July 1st, 1926.)

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the above-named applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements, and other material filed,

The Board orders that the applicant, the Bognor Telephone Company, Limited, be authorized to charge \$18.00 per annum for rural party line service, to take effect as from July 1st, 1926.

And the Board further orders that the charges for telephone service levied and collected by the applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no order for costs, save and except that the applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-576

Application by Adam Brown Mackay and Letitia L. Mackay, owners, under "The Planning and Development Act," for approval of plan of part Lot No. 4, Con. 3, Township Barton, County Wentworth (Invergordon).

June 8th. Application and material filed.

June 21st. Hearing, pursuant to appointment, 11 to 11.20 a.m., at Board's Chambers. Application withdrawn.

PROCEDURE FILE A-580. (P. 511)

In the matter of sections 6 and 9 of "The Provincial Highway Act" (chapter 16, Ontario Statutes, 1917); and

In the matter of section 29 of "The Public Works Act" (chapter 35, R.S.O., 1914); and

In the matter of claim of John H. Richardson for compensation for lands expropriated, etc., in the Township of Scarborough, County York (Lots, 2, 5, 10, 12 and 13, Plan 2753).

June 9th. Reference and other material filed.

Aug. 5th. Particulars of claim filed.

Dec. 28th. Hearing, pursuant to appointment, 11 a.m. to 5 p.m., at Board's Chambers. Board will view property to-morrow at 10.30 a.m. Hearing adjourned to 2.30 p.m. to-morrow.

Dec. 29th. 10.30 a.m. to 12.30 p.m. View of property. 2.30 to 4.30 p.m., hearing continued. Counsel report settlement reached between parties.

PROCEDURE FILE A-581

Application by the East Middlesex Telephone Co., Ltd., under section 78 of "The Ontario Telephone Act, 1918," for consent to paralleling of lines of the Blanchard Municipal Telephone System on Con. 14, Township of London.

June 9th. Application and material filed.

July 5th. Hearing, pursuant to appointment, 2 to 4 p.m., Court House, London. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.) Messrs. Bilyea and Dann may be served if no paralleling necessary. Further duplication will not be permitted.

PROCEDURE FILE A-582

In the matter of the petition of G. A. Brown and others, under section 9 of "The Local Improvement Act," against the construction of a concrete pavement and curb on Talbot Street in the Town of Leamington, between the Michigan Central Railway crossing and the west limit of the town.

June 9th. Petition filed.

July 7th. Hearing, pursuant to appointment, 10 a.m. to 1 p.m., Council Chamber, Town Hall, Leamington. (Mr. Commissioner Ellis, authorized under section 9, chapter 186, R.S.O.)

July 12th. Report of Mr. Commissioner Ellis filed and adopted.

REPORT OF COMMISSIONER ELLIS

As authorized by the Board, pursuant to the provisions of section 9 of "The Ontario Railway and Municipal Board Act," the undersigned, pursuant to appointment, heard this application on the 7th July, 1926, at Leamington, and now reports as follows:

Despite the fact that the construction of the pavement in question has been petitioned against to the Board, the construction of it had been proceeded with, and is now nearly completed.

The portion of the highway upon which the pavement is being constructed is a continuation of the main street of the Town of Leamington, and a very

necessary link in the Provincial Highway. The Engineer of the Highway Department stated that it was a very much travelled highway. In my opinion the pavement under construction is of a better class than would have been constructed if the highway in question was an ordinary residential street.

The estimated cost of the pavement is \$19,750.00. The Highway Department of the Province has agreed to pay for the cost of half of the central twenty feet of the pavement, which is estimated to cost \$5,801.00. The amount to be paid by the town is estimated at \$1,011.00. Deducting the amount to be paid by the town and the Highway Department from the total estimated cost, leaves an estimated amount of \$12,912.00 to be paid by the property owners.

The pavement has a curb on both sides which is estimated to cost \$3,439.00. Of this amount the municipality is only paying \$82.20. The curb is primarily for retaining purposes, but it also forms the sides of a gutter to carry off surface water. I think a larger amount than the town proposes to pay for curbing should have been allowed under clause (b) of section 21 of "The Local Improvement Act" as being for work required for surface drainage.

More than half of the lands fronting on the work are farm lands, and it is doubtful if these lands will be in demand for building purposes for some considerable time.

After hearing what was alleged by Counsel for both the property owners and the town, upon hearing the evidence, and having viewed the work in question, I recommend that there should first be deducted from the cost of the work the amount to be paid by the Highway Department. Then, so far as regards the frontage of the farm lands, the Corporation should pay forty per cent. of the remainder of the cost of the work, including in that forty per cent. what would otherwise be the Corporation's share of the cost, and the property owners will pay the remaining sixty per cent.

Then so far as the land which has been subdivided into lots is concerned, the amount to be paid by the Highway Department should first be deducted, and the Corporation will then pay twenty-five per cent. of the remainder of the cost, including in that twenty-five per cent. the Corporation's share of the cost, and the property owners will pay the remaining seventy-five per cent.

I further recommend that there be no cost to either party, and that \$15.00 be paid in law stamps upon the order by the municipality. This amount may be added to the cost of the work.

Respectfully submitted.

(Sgd.) J. A. ELLIS,
Commissioner.

Toronto, Ont., July 12th, 1926.

I agree that this Report be adopted as the basis of the Board's Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-593

Application by the South Diagonal Telephone Co., Ltd., under section 88 of "The Ontario Telephone Act, 1918," for authority to increase charges for service.

June 14th. Application and material filed.

Sept. 20th. Hearing, pursuant to appointment, 2.30 to 5 p.m., Court House, Owen Sound. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.)

Oct. 5th. Report of Vice-Chairman filed and adopted.

Oct. 5th. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 5th, 1926.

October 5th, 1926.

ORDER

Upon the application of the above-named applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements and other material filed,

The Board orders that the applicant, the South Diagonal Telephone Company, Limited, be authorized to charge the following rates for telephone service, to take effect as from July 1st, 1926:

To Shareholders.....	\$17.00 per annum
To Non-shareholders.....	\$19.00 per annum

The above charges are subject to a discount at the rate of \$1.00 per annum on all amounts paid within thirty days from the date of rendering the account for same.

And the Board further orders that the charges for telephone service levied and collected by the applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no order for costs, save and except that the applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-594

Application by the Township of London, under section 20 of "The Ontario Telephone Act, 1918," for authority to provide by by-law that the debentures to be issued to meet the cost of establishing the London Township Municipal Telephone System be extended over a period of fifteen years.

June 15th. Application and material filed.

July 5th. Hearing, pursuant to appointment, 2 to 2.30 p.m., Court House, London. Application granted.

July 12th. Order.

Upon the application of the above-named Corporation, upon hearing the evidence adduced on behalf of the applicant, and upon reading the petition of a majority of the subscribers to the telephone system of the municipality of the Township of London, and other material filed,

The Board orders that the Council of the Municipal Corporation of the Township of London is hereby authorized to provide by by-law that payment of the debentures to be issued to pay the cost of the work of establishing the London Township Municipal Telephone System may be extended over a period not exceeding fifteen (15) years.

And the Board makes no order for costs, save and except that the applicant shall pay \$10.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-595

Application by the Township of Sombra, under section 460 (9) (10) of "The Consolidated Municipal Act, 1922," for relief from the obligation to rebuild the bridge over the outlet end of Gooden's Creek on the road intersecting the south part of Lot 8, Con. 9, of said township.

June 15th. Application and material filed.

July 13th. Hearing, pursuant to appointment, 10 a.m. to 2 p.m., at the Court House, Sarnia. (Mr. Commissioner Ellis, authorized under section 9, chapter 186, R.S.O.) Judgment reserved. (See Reporter's Notes.)

PROCEDURE FILE A-597

In the matter of the application of the Village of Elora, under section 17 of "The Consolidated Municipal Act, 1922," for annexation thereto of certain lands owned by the Alabastine Co., Paris, Limited, and situated in the adjoining Township of Nichol.

June 16th. Application, copy of By-law 715, surveyor's description and blueprint plan, filed.

Oct. 5th. Hearing, pursuant to appointment, 9.30 to 11 a.m., Council Chamber, Elora. Judgment reserved.

Oct. 7th. Application approved. (See letter to applicant's solicitor.)

Oct. 22nd. Approved draft Order filed.

Oct. 22nd. Order issued.

October 7th, 1926.

Dear Sir:

Having given further consideration to this matter, the Board has decided to approve the application for annexation of certain lands of the Alabastine Company, Paris, Limited, to the Village of Elora, the same to take effect on the first day of January, A.D. 1927.

Kindly prepare draft Order and submit same to Mr. Nicol Jeffrey, K.C., for his approval, and send to the Board so that Order can be issued.

The Board makes no order as to costs, but the applicant will pay \$15.00 to cover Law Stamp fee on the Order herein.

Yours very truly,

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Hon. Hugh Guthrie, K.C.,
Guelph, Ont.

P.S.—We are also advising Mr. Jeffrey of the Board's decision.

October 7th, 1926.

ORDER

Upon the application of the said applicant, and upon reading the copy of By-law No. 715 of the Council of the Corporation of the Village of Elora, passed on the 7th day of June, 1926, upon hearing what was alleged by counsel on behalf of the applicant and on behalf of the Alabastine Company, Paris, Limited, and by counsel on behalf of the Township of Nichol and Union School Section No. 8 of the Townships of Nichol and Pilkington, at a hearing held, pursuant to appointment, at the Council Chamber, in the Village of Elora, on the 5th day of October, 1926, proof of notice of such appointment having been duly given as directed by the Board, and judgment having been reserved until this day,

The Board orders and proclaims that the lands and premises in the Township of Nichol mentioned in the said petition and being described as follows: All and singular that certain parcel or tract of land and premises situate, lying and being in the Township of Nichol, in the County of Wellington and Province of Ontario, containing by admeasurement seventeen acres and twenty-four hundredths of an acre, including the Canadian Pacific Railway siding and sixteen acres clear of said siding be the same more or less, and being composed of Park Lot Number Four between David Street and the Grand River, and being part of broken Lot Number Five on the northwest side of the Grand River in the Township of Nichol, according to Registered Plan Number 246 made by R. M. Newman, P.L.S., and which may be more particularly known and described as follows: Commencing at the north angle of said Park Lot Number Four, being at the intersection of the south-westerly limit of the Concession Road between the Twelfth and Thirteenth Concessions in the Township of Nichol and also known as Charles Street, with the southerly limit of David Street, leading to the Village of Elora along the northerly limit of said park lot; thence along the said limit of David Street south sixty-two degrees, thirty minutes west, nine chains, eighty-four links to an angle in said street; thence south fifty-nine degrees, twenty minutes west, eight chains, five links to another angle in said street; thence south twenty-six degrees, six minutes west, three chains more or less to the division line between broken Front Lots Numbers Four and Five, being the townline between the Township of Nichol and the Village of Elora; thence along the said townline south forty-five degrees east, seven chains, seventy-six links more or less to the northeasterly bank of the Grand River; thence up stream following along said bank of river the several courses and distances thereof to its intersection with the said southwesterly limit of Charles Street or Concession Road; thence along same north forty-five degrees west seven chains, seventy links more or less to the place of beginning.

Bearing referred to Charles Street or Concession Road, assuming same to be N. 45 degrees west, be and the same are hereby annexed to the Village of Elora upon and subject to the following terms and conditions, namely:

1. The said lands shall be added to the Village of Elora as of January 1st, 1927.

2. That the taxes and rates for the year 1926 or any prior year on any of the lands included in the territory hereby annexed, which shall not have been collected before January 1st, 1927, shall be collected by and belong to the Township of Nichol, and all right to collect the same, including distress for non-payment, or if necessary, the sale of the said lands or any of them shall remain in the said Township as though this Order had not been made.

3. The Board does not make any order as to costs except that the applicant shall pay \$15.00 to cover the Law Stamps on this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-604

Application by the London Street Railway Company, under section 250 of "The Ontario Railway Act," for removal of its tracks on that portion of Richmond Street lying north of Huron Street in the Township of London, County of Middlesex.

June 18th. Application filed.

July 5th. Hearing, pursuant to appointment, 2.30 to 4 p.m., Court House, London. Application granted.

July 9th. Draft Order filed and Order issued.

July 5th, 1926.

ORDER

Upon the application of the London Street Railway Company, under "The Ontario Railway Act" (R.S.O., 1914, chapter 185), section 250, for an Order permitting the said London Street Railway Company to take up and remove its tracks, ties, poles, wires and other equipment in connection with the operation of street cars on that portion of Richmond Street lying north of Huron Street in the Township of London, in the County of Middlesex, in the presence of Counsel for the London Street Railway Company and for the Municipal Corporation of the Township of London, and of Col. W. J. Brown, on behalf of the University of Western Ontario, and of His Worship Mayor John M. Moore, and W. P. Near, City Engineer, on behalf of the Corporation of the City of London, and upon reading the declaration of Joseph F. Pack, proving posting of the Notice of Hearing, and the declaration of John Gordon Gillanders, proving publication of the Appointment for Hearing, and upon hearing what was alleged by counsel aforesaid, and by Col. W. J. Brown on behalf of the University of Western Ontario,

1. This Board doth order that the London Street Railway Company be and it is hereby permitted to forthwith take up and remove its tracks, ties, poles, wires and all other equipment in connection with the operation of street cars on that portion of Richmond Street north of Huron Street in the Township of London.

2. And this Board makes no order as to costs except that the applicant company shall pay \$15.00 for Law Stamps on this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-612

Application by the Township of Sombra, under section 460 (9) (10) of "The Consolidated Municipal Act, 1922," for relief from rebuilding a bridge over Black Creek on the road between the 13th and 14th Concessions of the said Township and opposite Lot No. 19.

June 22nd. Application filed.

July 13th. Hearing, pursuant to appointment, 2 to 6 p.m., Court House, Sarnia. (Mr. Commissioner Ellis, authorized under section 9, chapter 186, R.S.O.) Judgment reserved. View to be had later if desired.

Sept. 28th. View, 9 to 11 a.m.

Oct. 1st. Report of Mr. Commissioner Ellis filed and adopted.

Nov. 9th. Order issued.

REPORT OF MR. COMMISSIONER ELLIS

As authorized under section 9 of "The Ontario Railway and Municipal Board Act (chapter 186, R.S.O.), I heard this application at the City of Sarnia on the 13th day of July, 1926. A considerable number of witnesses were heard.

The bridge in question is situate on the highway between Lot 19 in the 13th Concession and Lot 19 in the 14th Concession in the Township of Sombra. It was alleged that Percy Dawson was the owner of the east half of Lot No. 19 in the 13th Concession, containing about 100 acres; that Sarah Dawson (his mother) was the owner of the northwest quarter of said lot, containing about 60 acres; and that Charles Buck was the owner of the south half of Lot No. 19 in the 14th Concession, containing about 100 acres. The bridge is an old wooden one over Black Creek at the point of its intersection with the part of the highway mentioned.

The evidence showed to my satisfaction that the bridge is so damaged from dilapidation that it is necessary to rebuild in order to carry heavy traffic, and also that the rebuilding of it would entail a larger expenditure than would be reasonable having regard to the use that would be made of it if it were rebuilt. The estimated cost of rebuilding the bridge was stated in evidence to be about \$12,000.00, and this estimate was not disputed. From the evidence I also came to the conclusion that whilst the bridge was a convenience to the owners of Lots 19 in the 13th and 14th Concessions, it could not be considered as being required for the general public convenience.

Black Creek pursues a tortuous course and winds through the lots mentioned in such manner as to make a bridge a convenience for the owners of these lots in order to give them access from one part of their land to other parts. Therefore, it appeared to me to be a case where, if the application were granted, reasonable compensation should be made to the owners of the lots mentioned as a term of the relief asked for being granted.

At the hearing I suggested that the parties should endeavour to come to an agreement amongst themselves, and that in the event of their failing to do

so, I would view the bridge and location in question before making any report to the Board.

The Board was subsequently advised that the owner of the south half of Lot 19 in the 14th concession had been offered and had accepted \$1,200.00 as compensation, but that it had been impossible to come to any agreement with the owner or owners of the east half and the northwest quarter of Lot 19 in the 13th Concession. The Board was also informed that Sarah Dawson was deceased and that the said Percy Dawson was now the owner of the land formerly owned by her. On the 28th day of September, 1926, pursuant to appointment, I therefore proceeded to view the bridge and location in question, accompanied by the solicitor for the township and Mr. Percy Dawson.

I agree that the compensation offered to and accepted by the owner of the south half of Lot 19 in the 14th Concession is reasonable and proper.

I do not think, however, that the compensation offered to the owner of the east half and the northwest quarter of Lot 19 in the 13th Concession is sufficient.

After considering all the evidence adduced at the hearing and from my view, I have come to the conclusion that \$1,800.00 would be proper compensation to be paid to the owner of the east half and the northwest quarter of Lot 19 in the 13th Concession by reason of the access from one part of the land to the other being interfered with by the non-rebuilding of the bridge.

I therefore recommend that the application be granted upon condition that the township pay to the owner of the south half of Lot 19 in the 14th Concession the sum of \$1,200.00, and to the owner of the east half and the northwest quarter of Lot 19 in the 13th Concession the sum of \$1,800.00, as compensation.

The Township will also pay \$30.00, the Board's tariff fee for Law Stamps to be affixed to the Order.

Dated at Toronto, this first day of October, 1926.

(Sgd.) J. A. ELLIS,
Commissioner.

Adopted as the Board's Order, 1st October, 1926.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

October 1st, 1926.

ORDER

This application having come up for hearing on the 13th day of July, 1926, at the City of Sarnia, notice having been given as directed, pursuant to appointment, before Mr. Commissioner Ellis, he, having been authorized pursuant to section 9 of "The Ontario Railway and Municipal Board Act," R.S.O., 1914, chapter 186, to report to the Board, in the presence of Counsel for the applicant and for Charles Buck and Percy Dawson, upon hearing the evidence adduced and what was alleged by Counsel aforesaid, and the bridge and location in question having been viewed on the 28th day of September, 1926, pursuant to appointment,

1. This Board doth order that the applicant, the Corporation of the Township of Sombra, be and it is hereby relieved from the obligation to rebuild the wooden bridge over Black Creek at the point of its intersection with the road between the 13th and 14th Concessions (and opposite Lot No. 19) in the said Township of Sarnia.

2. And this Board doth further order that the applicant, the Corporation of the Township of Sombra, do forthwith pay to Charles Buck the sum of twelve hundred dollars, and to Percy Dawson the sum of eighteen hundred dollars as damages by reason of the access from one part of the lands of each of them to the other part being interfered with by the non-rebuilding of the bridge.

3. And the Board makes no order as to costs except that the applicant pay \$30.00 for Law Stamps, the Board's tariff fee herein.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-626

Application by the Township of Etobicoke, under "The Township of Etobicoke Act, 1923" (14 Geo. V, chapter 62), for approval of its By-law No. 1995—Extension of Water Area No. 9.

June 29th. Application and material filed.

July 19th. Hearing, pursuant to appointment, 11 to 11.30 a.m., at Board's Chambers. (Mr. Commissioner Ellis, authorized under section 9, chapter 186, R.S.O.) Recommendation that application be granted, documents' appearing to be in form and there being no opposition.

July 21st. Order.

July 19th, 1926.

ORDER

This application coming on for hearing before Mr. J. A. Ellis, Commissioner of this Board, on Monday, the 19th day of July, A.D. 1926, in the presence of Mr. George Willoughby, Counsel for the Applicants, and no one appearing in opposition to the application, upon hearing what was alleged by Counsel aforesaid, and the material filed, the Commissioner was pleased to direct that this application should stand over until his report to this Board, and the Commissioner having reported to the Board, and this Board concurring in such report this day,

The Board orders and certifies under and in pursuance of the provisions of the said Act, being chapter 62 of the Statutes of Ontario, 13-14 Geo. V, and amendments thereto, that the said By-law No. 1995, intituled "By-law No. 1995. A By-law of the Municipality of the Township of Etobicoke to extend or enlarge a defined section or area of the Municipality known as Water Area No. 9 as established by By-law No. 1611, and enlargements thereof by adding thereto the lands hereinafter defined and described, and to construct and extend the system of water mains and water works in Water Area No. 9 into the area hereinafter described for the benefit of the said Area," be and the same is hereby approved.

And the Board orders that a fee of \$10.00 for Law Stamps be paid on this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-637

In the matter of the petitions of Gerard Smith and others, under section 9 of "The Local Improvement Act," against the resurfacing by the Corporation of the Town of Dunnville of the following streets in the said town:

- (a) Niagara Street from Broad Street to Canal Street East;
- (b) Canal Street East and Lock Street, from Niagara Street to Cedar Street;
- (c) Lock Street from Cedar Street to Centre Street;
- (d) Bridge Street, from Canal Street to the Welland Canal Feeder;
- (e) Canal Street West from Lock Street to Main Street; and
- (f) Chestnut Street from Canal Street East to the Canadian National Railway.

July 2nd. Petitions filed.

July 20th. Hearing, pursuant to appointment, 10.30 a.m. to 1 p.m., at the Council Chamber, Dunnville. (Mr. Commissioner Ellis, authorized under section 9, chapter 196, R.S.O.)

July 21st. Report of Board's Engineer filed.

July 23rd. Report of Mr. Commissioner Ellis filed and adopted.

July 26th. Order.

July 21st, 1926.

REPORT OF THE BOARD'S ENGINEER

The Chairman,
The Ontario Railway and Municipal Board,
Toronto.

Sir:

Re Examination of Streets at Dunnville

I went to Dunnville with Mr. Ellis of your Board yesterday and made an examination of the surface of Lock Street, Canal Street, East and West, Chestnut Street, Bridge Street and Niagara Street, in order to advise your Board as to whether, in my opinion, the work proposed to be done on them is necessary. I will now take these streets in order, as follows:

1. *Lock Street.* This street has a tar macadam surface from a point about 100 feet west of Chestnut Street to Centre Street. This surface is very much worn and uneven except for the last two blocks west. The length of this paving is about 3,400 feet, and, in my opinion, to put a new surface of the same material on would cost a considerable sum and when done would have to be frequently repaired in order to maintain an even surface under heavy traffic. I understand there is a good layer of macadam about eight inches thick which could be used as a base for a substantial surface on the top of it.

2. *Canal Street East.* This street extends from Bridge Street to Niagara Street and is of the same material as Lock Street. The surface is very uneven and must sooner or later have considerable repairs made to it if used for heavy traffic. The remarks made regarding the surface on Lock Street will also apply to this. The length of this street is approximately 2,200 feet.

3. *Niagara Street.* The surface on this street is also macadam and is full of holes and badly worn throughout. Considerable work will have to be done

in the shape of repairs if the same surface is retained, and I doubt if it would be worth the cost. Its length is about 300 feet.

4. *Canal Street West.* From Lock Street to the Welland Canal; length is about 500 feet; has a concrete pavement about eight inches thick. The surface is very uneven and cracked and has been patched in places. The only way to make a good street of this is to cover it with asphalt. These remarks also apply to the concrete surface of this street from where it begins about 100 feet west of Chestnut Street to the end on Canal Street East at the T. H. & B. Station.

5. *Chestnut Street and Bridge Street.* The street surface is concrete about eight inches thick and is very uneven and should be repaired with a good asphalt surface as that would appear the only efficient means of making a satisfactory driveway. The length of these streets is about 1,400 feet.

In conclusion, after looking over all these streets, I am of opinion that the cheapest and best way in the end will be to use an asphalt surface throughout. The initial cost may be somewhat higher than trying to patch the present surfaces up, but when once done, and if the work is properly carried out, there should be little or no expense for maintenance for a very considerable time.

Yours truly,

(Sgd.) H. W. MIDDLEMIST.

REPORT OF MR. COMMISSIONER ELLIS

As authorized by the Board, pursuant to the provisions of Section 9 of "The Ontario Railway and Municipal Board Act," the undersigned, pursuant to appointment, heard this application on the 20th July, 1926, at Dunnville, and now reports as follows:

I heard what was alleged by Counsel for both the Petitioners and the Town, and the evidence adduced by both parties. I also viewed the portions of the highways in question accompanied by H. W. Middlemist, Esquire, the Board's Engineer, and representatives of both parties.

The proposed work is the resurfacing with asphalt of the portions of the highways above mentioned. These highways are so linked together that they can be treated as one work. The total estimated cost of the proposed work is \$49,732.80. of which it is proposed the properties fronting on the work should pay \$37,683.49 and the Corporation \$12,049.31. The amount proposed to be paid by the Corporation includes only that portion of the cost which the Corporation is obliged to pay under "The Local Improvement Act" for street intersections and flankages.

Two objections were raised by the Petitioners, the first being that the proposed work was unnecessary and that all that was required was ordinary repairs to the portions of the highways in question. It was admitted by all parties that the bases of these portions of highways consisted of concrete or macadam and that new bases were not required. With regard to this objection the Board's Engineer has made a report to the Board, which is annexed hereto. With this report I agree, and consequently recommend that this objection be not entertained.

The other objection raised was that in any event the Petitioners should not be called upon to pay the full cost of the work less only what the Corporation was bound to pay under "The Local Improvement Act" as proposed. I think some effect should be given to this contention. The portions of the highways

which it is proposed to resurface are either in the business section of the town or constitute approaches to it. The scheme as a whole appears to be a desirable one, but one which to some extent will be of general rather than purely local benefit. It will be of assistance no doubt in attracting tourist motor traffic to Dunnville. Canal Street East and Lock Street run close to and are parallel with the Provincial Highway, which runs through Dunnville. I think it is clear that when the proposed work is completed these streets will be largely used as an alternative to the Provincial Highway.

Under all the circumstances I recommend that in addition to the Corporation's portion of the cost the Corporation be ordered to pay one-third of what would otherwise be charged against the properties fronting on the work.

I further recommend that there be no costs to either party, but that \$15.00 be paid in Law Stamps by the Corporation upon the Order. This amount may be added to the cost of the work.

Respectfully submitted,

(Sgd.) J. A. ELLIS,
Commissioner.

Toronto, Ont. July 23rd, 1926.

I agree that this Report be adopted as the basis of the Board's Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

July 23rd, 1926.

ORDER

This application coming on for hearing before Mr. J. A. Ellis, Commissioner, on Tuesday, the 20th day of July, 1926, in the presence of Counsel for the Petitioners and for the Town of Dunnville, upon viewing the site of the proposed work, on hearing the evidence adduced, and what was alleged by Counsel aforesaid, the Commissioner was pleased to direct that this application should stand until his Report to this Board, and the Commissioner having reported to this Board, and this Board concurring in such Report this day:

1. It is ordered that the Town of Dunnville be and are hereby enabled to proceed with the said proposed work;

2. It is further ordered that in addition to the Corporation's portion of the cost, the Town of Dunnville be ordered to pay one-third of the cost of the proposed work which would otherwise be assessed against the lands of the abutting owners;

3. This Board doth not make any Order as to costs except that the Town of Dunnville shall pay \$15.00 for Law Stamps to be placed on this Order, which amount may be added to the cost of the work.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-639

Application by the Township of Etobicoke, under The "Township Etobicoke Act, 1923," (14 Geo. V., Chapter 62), for approval of its By-law No. 1996—Extension of Water Area No. 4.

July 8th. Application and material filed.

July 19th. Hearing, pursuant to appointment, 11 to 11.30 a.m., at Board's Chambers. (Mr. Commissioner Ellis authorized under Section 9, Chapter 186, R.S.O.) Adjourned "sine die" to be brought up again on ten days' notice by Township Council.

July 31st. By-law No. 2028 filed (in lieu of By-law No. 1996) creating a new water area.

Sept. 2nd. Hearing, pursuant to adjournment 11 to 11.30 a.m., at the Board's Chambers.

Sept. 2nd. Report of Mr. Commissioner Ellis, recommending approval of By-law 2028, filed and adopted.

Sept. 2nd. Order.

REPORT OF MR. COMMISSIONER ELLIS

I heard this application on the 19th July last, and adjourned it in order that the Township Council might pass a new By-law for a considerably less area than that originally proposed.

The Council gave such a By-law a first and second reading and the matter came before me again to-day.

The new By-law now covers only a water main to serve the lots fronting on both sides of Orchard Park Drive. The new By-law was opposed by the owner of a number of the lots on the ground that a large number of the lots which would be benefited are vacant and that a water supply is not required at present.

The two readings of the By-law were passed by the Council unanimously. The estimated cost of the work is \$3,350.00, and there are fifty-one lots to be assessed. The owners of the lots which are to be specially assessed number seventeen, and of these twelve signed a petition to the Municipal Council for the work (Ex. 2). The total assessment of the lots to be specially assessed is \$11,375.00, and the owners who signed the petition represent \$6,480.00.

It appears to me that the general principles of the Local Improvement Act should be followed. If the work had been initiated by the Municipal Council under section 9 of that Act, a petition against the work could have been presented to the Board providing it was signed by a majority of the owners representing at least one-half the value of the lots which are to be specially assessed therefor. In this case it is clear that such a petition could not have been presented.

I therefore recommend that the By-law be approved.

Respectfully submitted,

(Sgd.) J. A. ELLIS,
Commissioner.

Toronto, Sept. 2nd, 1926.
Adopted.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

September 2nd, 1926.

ORDER

Upon the application of the said Corporation, and upon reading the Notice of Application, and Declaration of Stephen Barratt, Clerk of the said Township, and the other material filed, and it appearing that Notice of the Hearing of this application has been duly given as directed by the Board, and this Application having been heard pursuant to such notice by Mr. Commissioner Ellis, and his Report on such Hearing having been duly adopted as the basis of the Board's Order herein,

The Board orders and certifies under and in pursuance of the Special Act, being Chapter 62 of the Statutes of Ontario, 13-14 George V., being a special Act entitled "The Township of Etobicoke Act, 1923" and amendments thereto, that the said By-law No. 2028, intituled "By-law No. 2028. A By-law of the Municipality of the Township of Etobicoke to set aside and designate a defined section or are a in the Township of Etobicoke and to construct and extend the system of water mains and water works in the area hereinafter described for the benefit of such defined area," be and the same is hereby approved.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-646

Application by the City of Brantford, under section 399a of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 2001, restricting certain area to detached private residences.

July 12th. Application and material filed.

Sept. 8th. Hearing, pursuant to appointment, 10 to 11.30 a.m., Council Chamber, Brantford. Property owners on Brant Avenue and Dufferin Street to present petition to City Council within thirty days. Hearing adjourned "sine die". Mr. Henderson, City Solicitor, to take out new appointment. Petition to be verified by City Clerk. (See Reporter's Notes.)

PROCEDURE FILE A-656

In the matter of the petition of J. M. Wallace, and others, under section 9 of "The Local Improvement Act," against the construction in the Town of Midland of a permanent pavement on Bay Street West from the intersection of Bay and King Streets to the west side of Fourth Street, at an estimated cost of \$26,000.00.

July 14th. Petition filed.

Aug. 5th. Subpoena issued to O. E. Smith, Solicitor for the petitioners.

Aug. 10th. Hearing, pursuant to appointment, 10 to 11 a.m., Council Chamber, Midland. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.) Recommendation that Petition be dismissed. (See Reporter's Notes.)

PROCEDURE FILE A-663

Application by the City of Hamilton, under section 401 (3) of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 3343 to amend its By-law No. 14 to provide for the weighing of coal.

July 16th. Application and material filed.

Sept. 9th. Hearing, pursuant to appointment, 10.30 to 11 a.m., Council Chamber, Hamilton. Application to be granted when By-law amended providing for weighing on City scales. Amending By-law to be submitted to Board and Order to go without another hearing. (See Reporter's Notes.)

PROCEDURE FILE A-672

In the matter of the Petition of Canadian Libby-Owens Sheet Glass Co., Ltd., under section 9 of "The Local Improvement Act," against the construction in the City of Hamilton of an asphalt and brick roadway on Kenilworth Avenue between Barton Street and Beach Road.

July 19th. Petition (letter) filed.

July 27th. Supplementary Petition filed by The Hamilton Jockey Club, Ltd., and others.

Sept. 9th. Hearing, pursuant to appointment, 11 a.m., to 12 m., at Council Chamber, City Hall, Hamilton. Petition dismissed on understanding that work not to be proceeded with until 1928. City Solicitor to take out Order. (See Reporter's Notes.)

Oct. 13th. Draft Order filed.

Oct. 13th. Order issued.

September 9th, 1926.

ORDER

Upon the Petition of The Hamilton Jockey Club, Limited, and others, to this Board against the construction as a Local Improvement of proposed asphalt and brick pavement on Kenilworth Avenue from Barton Street to Beach Road, in the City of Hamilton, and upon hearing the evidence adduced and what was alleged by the Petitioners and by Counsel for the Corporation of the City of Hamilton.

This Board doth order that the above Petition be and the same is hereby dismissed.

And it is further ordered that the Corporation of the City of Hamilton shall not proceed with the construction of the said work as a local improvement under the provisions of The Local Improvement Act before the first day of January, 1928.

And this Board doth further order that there shall be no costs to any party to the application, but the Corporation of the City of Hamilton shall pay the fee of \$10.00 on this Order.

And it is further ordered that the above sum may be added to the cost of the work.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-675

Application by The Rose Telephone Co., Ltd., under section 88 of "The Ontario Telephone Act, 1918," for authority to increase charges for service.

July 20th. Application and material filed.

Sept. 22nd. Hearing, pursuant to appointment, 10.30 a.m., Town Hall, Desbarats. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)
 Oct. 6th. Report of Vice-Chairman filed and adopted.
 Oct. 6th. Order—Charges approved from Jan. 1st, 1926.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, October 6th, 1926.

October 6th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, Statements of Assets and Liabilities, Receipts and Disbursements and other material filed.

The Board orders that the Applicant, The Rose Telephone Company, Limited, be authorized to charge \$14.00 per annum for Rural Party Line Service, to take effect as from January 1st, 1926.

And the Board further orders that the charges for telephone service levied and collected by the Applicant prior to the date of this Order shall be deemed to have been lawfully levied and collected and are hereby validated and confirmed.

And the Board makes no Order for costs, save and except that the Applicant shall pay \$5.00 for the Law Stamps required for this Order.

(Seal) (Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-677

Between:

Mark Leiterman & Sons,

Applicants,

—and—

The Commissioners for the Telephone System of the Municipality of Oliver,
 Respondents.

Complaint under section 107 of "The Ontario Telephone Act, 1918," that Respondents have, without consent, connected a subscriber's telephone upon a circuit erected upon private property of the Applicants.

July 20th. Application and material filed.

Sept. 28th. Hearing, pursuant to appointment, 10.30 to 11.15 a.m., City Hall, Fort William. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.) Respondent to pay \$3.00 rental to Applicants or purchase their poles.

PROCEDURE FILE A-682

In the matter of the Petition of Alex. Paterson and others, under section 9 of "The Local Improvement Act," against the construction in the City of Windsor of an asphalt pavement on Ouellette Avenue, from Shepherd Avenue to Tecumseh Road.

July 22nd. Petition filed.

Aug. 17th. Hearing, pursuant to appointment, 10 a.m. to 12.05 p.m., Council Chamber, City Hall, Windsor. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Sept. 2nd. Report of Vice-Chairman filed.

Sept. 2nd. Draft Order filed.

Sept. 3rd. Order issued.

REPORT OF VICE-CHAIRMAN

The undersigned having heard this application pursuant to Section 9, Chapter 186, R.S.O., 1914, at the City Hall, in the City of Windsor, on the 17th day of August, A.D., 1926, at the hour of ten o'clock in the forenoon (Standard time).

Mr. R. S. Rodd appeared for the Petitioners and F. D. Davis, Esq., K.C., appeared for the City.

The sufficiency of the Petition and the filing of same within the required statutory time was evidenced by the Certificate of the City Clerk.

This portion of Ouellette Avenue to be improved is almost exclusively residential. The width of the street from street line to street line is said to be 125 feet, and the residences on each side of the street are located some distance back from the street line. The pavement has been broken up in the centre in order to lay down a double railway track construction, and it is the intention to increase the width of the paved portion from thirty-six feet to fifty feet from Shepherd Avenue to Tecumseh Road. The present pavement is said to be down fourteen years, the lifetime of which was declared to be ten years, and the necessity for this work is due to double tracking in order to accommodate the increased traffic, this street being one of Windsor's main thoroughfares.

The Engineer's estimate of the cost of the work is as follows: \$51,487.00, lifetime twelve years, payable in ten annual instalments; the City as a whole to contribute \$6,133.00, the balance \$45,354.00 to be charged to private frontage. The total private assessable frontage is 3,037 feet, six inches; the estimated special rate per foot frontage is \$14.90, and the estimated annual rate per foot frontage is \$1.95.

After having heard the evidence of the witnesses and what was said by Counsel for the Petitioners and the City, I was convinced that the above apportionment of the cost of this work was not an equitable adjustment of the cost as between the parties hereto, and there and then stated that I would recommend in my report to the Board that the total cost of the work (exclusive of the item for street lighting) be divided in two, each party to pay half of its cost, or in other words each to pay fifty per cent of the total cost of the work, the total cost to include the Corporation's share as provided under the Statute, and I so recommend.

Counsel for the parties appeared to be satisfied with this adjustment of the cost.

There should be no costs other than a fee of \$15.00 for Law Stamp on the Order herein, the same to be made a charge against the work.

The Order should be drawn by Mr. Davis and submitted to Mr. Rodd for his approval, and in case of dispute to be settled by the Board.

Respectfully submitted,

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Approved as the basis of the Board's Order herein.

(Sgd.) J. A. ELLIS,
Commissioner.

Toronto, the 2nd day of September, A.D., 1926.

September 2nd, 1926.

ORDER

Upon the application of the above-named Applicants, and upon hearing evidence adduced on their behalf and evidence on behalf of the Corporation of the City of Windsor, and it appearing that the Petition against the said proposed work is sufficiently signed:

1. The Board orders that one-half of the total estimated cost of said proposed work in increasing the width of Ouellette Avenue within the said limits to fifty feet shall be payable by and assessable against the owners of lands abutting upon the said proposed work, and that the remaining half of said total cost shall be payable by the Corporation of the City of Windsor, and that any By-law hereafter passed by the Corporation of the City of Windsor under the said "Local Improvement Act" as to payment of said work shall provide that the owner's portion of the total cost shall be one-half of the whole cost and the Corporation's portion of said total cost shall be the other half of same.

2. And the Board further orders that of the said total estimated cost of \$51,487.00—\$25,743.50 shall be the owner's portion, and \$25,743.50 shall be the City's portion of said cost; the City's portion of said cost to include \$6,133.00 mentioned in Notice given on behalf of the City under Section 9 of said Act;

3. And the Board makes no Order for costs save and except that the Respondent, the Corporation of the City of Windsor, shall pay \$15.00 for Law Stamp required for this Order, and the same may be included in the cost of the work.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-685

In the matter of the Petition of Mabel M. Scott (Chas. Scott Estate) and others, under section 9 of "The Local Improvement Act," against the construction in the City of Windsor of an asphalt pavement on Ouellette Avenue, from Erie Street to Shepherd Avenue.

July 24th. Petition filed.

Aug. 11th. Hearing, pursuant to appointment, 10 a.m. to 12.05 p.m., Council Chamber, City Hall, Windsor. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Sept. 2nd Report of Vice-Chairman filed.

Sept. 15th. Report of Vice-Chairman adopted.

Nov. 2nd. Hearing, pursuant to appointment, 11 a.m. to 12 m., at Board's Chambers, to hear argument as to whether or not Clerk's certificate is final and conclusive. Appeal dismissed. (No costs or law stamps.)

REPORT OF VICE-CHAIRMAN

The undersigned having heard this application pursuant to Section 9, Chapter 186, R.S.O., 1914, at the City Hall, in the City of Windsor, on the 17th day of August, A.D., 1926, at the hour of ten o'clock in the forenoon (Standard time), when R. S. Rodd, Esq., appeared for the Petitioners, and F. D. Davis, Esq., K.C., for the City.

The sufficiency of the Petition and the filing of same within the required statutory time were evidenced by the certificate of the City Clerk dated the 29th day of July, 1926, and received by the Board on the 30th day of July, 1926. On the 3rd day of August the Board issued and directed service of its appointment for the hearing herein on the 17th day of the same month.

At the hearing Mr. Davis objected to the sufficiency of the Petition, claiming that the certificate of the City Clerk was issued in error and should have stated that the Petition was not sufficiently signed. Entertaining grave doubts as to the legality of the objection raised by Mr. Davis I noted his objection and proceeded to hear the application.

Since the hearing the City of Windsor has filed material alleging that the City Clerk's certificate was issued in error and should have certified that the Petition herein was not sufficiently signed.

In view of section 16 of "The Local Improvement Act" which provides that: "(1) The sufficiency of a petition for or against a work shall be determined by the Clerk, and his determination shall be evidenced by his certificate and when so evidenced shall be final and conclusive," and following the judgment of Draper, C. J., in "In the matter of George Michie and the Corporation of the City of Toronto," 11 Upper Canada Common Pleas p. 379, I report that the sufficiency of the Petition herein is concluded by the City Clerk's certificate filed with the Board as above mentioned, and that the Board has now no jurisdiction to enquire into the sufficiency of such Petition.

As to the disposition of this application from the evidence adduced, and what was said by Counsel, I find that this portion of Ouellette Avenue is almost exclusively residential; the street is a very wide one and the buildings are located some distance back from the street line. The paved portion is thirty-six feet wide and the pavement is broken up in the centre in order to lay down a double track railway, thus necessitating the widening of the paved portion from thirty-six feet to fifty feet in width. The latter width will be in keeping with that portion of the street lying between Erie Street and the River, also from Shepherd Avenue to Tecumseh Road.

The estimated cost of the work as given by the Engineer is \$135,186.00, the lifetime twelve years, payable in ten annual instalments; the City as a whole to contribute \$37,431.00; the balance of the sum of \$97,755.00 to be charged to private frontage. The private assessable frontage is 6,290 feet, six inches, and the estimated special rate per foot frontage is \$15.54, and the estimated annual rate per foot frontage is \$2.0125.

In my opinion a more equitable adjustment of the cost of this improvement would be to take the total cost of the work, including the Corporation's share as provided under "The Local Improvement Act," but excluding the item of

\$16,000.00 for lighting purposes, and then dividing the total cost in two, the City paying half and the property owners the other half, or in other words each of the parties hereto to pay fifty per cent of the total cost of the work.

I may add that a similar division of the cost of the other improvements mentioned above was made owing to the belief that a pavement thirty-six feet wide was quite sufficient for the needs and accommodation of the residents of the street, and that the City as a whole should pay for the additional cost over and above the cost of what was actually required for the residents of the street, especially as Ouellette Avenue is considered to be one of the main thoroughfares of the City of Windsor.

I recommend that the foregoing adjustment of the cost of the work be adopted by the Board.

There should be no costs other than the City of Windsor pay \$15.00, the Board's fee for Law Stamp on the Order, and charge the same to the work specified herein.

Respectfully submitted,

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, the 2nd day of September, A.D., 1926.

Adopted Sept. 15th, 1926.

(Sgd.) J. A. ELLIS,
Commissioner.

PROCEDURE FILE A-692

In the matter of the Petition of Frances M. Pawley and others, under section 9 of "The Local Improvement Act," against the construction as a local improvement of a reinforced concrete bridge over the west branch of the Don River on Don Boulevard within the Township of North York.

Aug. 6th. Petition filed.

Oct. 12th. Hearing, pursuant to appointment, 11 a.m. to 1.55 p.m., at Board's Chambers. Judgment reserved. (See Reporter's Notes.)

Oct. 21st. Judgment delivered. (Petition allowed.)

Dec. 22nd. Approved draft Order filed.

Dec. 22nd. Order issued.

JUDGMENT

This is a Petition of certain owners of property abutting on Don Boulevard against the construction of a reinforced concrete bridge over the west approach of the Don River on Don Boulevard within the Township of North York.

Upon hearing the evidence adduced, and upon considering the material filed herein, including the report of the Board's Engineer in connection with the bridge in question, and upon hearing counsel for the Petitioners and for the Township of North York, and upon considering the proposed apportionment of the cost of the work, the Board is of the opinion that the Petition should be allowed.

In view of the probable future extension of Don Boulevard to connect up with Bathurst Street, whereby other property owners could be assessed for their part of the cost of a bridge, property owners now affected would appear to be overburdened under the apportionment suggested by the Township, and it would appear that the proposed bridge is unsuitable.

There will be no Order as to costs except that the Township of North York shall pay \$10.00, the Board's tariff fee for Law Stamp, on the Order herein.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

I agree.

(Sgd.) J. A. ELLIS,
Commissioner.

Dated at Toronto the 21st day of October, 1926.

October 21st, 1926.

ORDER

This Petition having come up for hearing on the 12th day of October, 1926, at the City of Toronto, in the presence of Counsel for the Petitioners and for the Township of North York, and upon hearing the evidence adduced, and upon the report of the Engineers of the Board, and what was alleged by Counsel aforesaid,

1. This Board doth order that the petition of Frances M. Pawley and others under section 9 of the Local Improvement Act against the construction as a local improvement of a reinforced concrete bridge over the west branch of the Don River on Don Boulevard within the Township of York, be and the same is hereby allowed.

2. And the Board makes no Order as to costs except that the said Township of North York shall pay \$10.00 for Law Stamps, the Board's tariff fee herein.

(Seal) (Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-693

Application by the Commissioners for the Telephone System of the Municipality of Dummer, under sections 13 and 19 of "The Ontario Telephone Act, 1918," for authority to issue supplementary debentures to meet the cost of completing the establishment and extension of The Dummer Municipal Telephone System.

Aug. 7th. Application and material filed.

Nov. 10th. Hearing, pursuant to appointment, 2 to 3 p.m., Court House, Peterboro. (Vice-Chairman authorized under Section 9, Chapter 186, R.S.O.)

Nov. 25th. Report of Vice-Chairman filed and adopted.

Nov. 25th. Order. (Application granted.)

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, November 25th, 1926.

November 25th, 1926.

ORDER

Upon the application of the above-named Applicants, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of the Applicants, the said application and other material filed,

The Board orders that the Municipal Council of the Corporation of the Township of Dummer be and the same is hereby authorized to pass a By-law providing for the issue of Supplementary Debentures to an amount not exceeding Two Thousand Five Hundred Dollars (\$2,500.00), to meet the cost of completing the establishment and extension of The Dummer Municipal Telephone System.

And the Board makes no Order for costs, save and except that the Applicants shall pay \$10.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-695

In the matter of the Petition of Maud Lyons, M.W. Nesbitt and others, under section 9 of "The Local Improvement Act," against the construction by the City of Windsor of a forty foot pavement on Pelissier Street, between Wyandotte and Park Streets, in the said City.

Aug. 9th. Petition filed.

Aug. 12th. Supplementary Petition (of John K. Macpherson and others) filed.

Aug. 17th. Hearing adjourned "sine die"—Petitioners not ready to proceed.

PROCEDURE FILE A-702

Application by the City of Ottawa, under section 399a of "The Consolidated Municipal Act, 1922," for approval of its Restricted Area By-law No. 6181, restricting the land abutting on Fentiman Avenue and Brighton Street, and that part of Sunnyside Avenue, and that part of Belmont Avenue, east of Riverdale Avenue.

Aug. 20th. Application and material filed.

Sept. 24th. Hearing, pursuant to appointment, at Council Chamber, City Hall, Ottawa, 10 to 11 a.m. (Mr. Commissioner Ellis authorized under Section 9, Chapter 186, R.S.O.) Recommendation that By-law be approved.

Oct. 13th. Draft Order filed.

Oct. 13th. Order issued.

October 4th, 1926.

ORDER

The application of the Corporation of the City of Ottawa, under section 399a of "The Consolidated Municipal Act, 1922," for the approval of its By-law Number 6181, prohibiting the use of land and the erection or use of buildings abutting on Fentiman and Brighton Avenues and on that part of Sunnyside

Avenue and Belmont Avenue which lie east of Riverdale Avenue, for any purpose other than of a detached private residence, in the said By-law more particularly described, having come on to be heard before Mr. Commissioner Ellis, duly authorized to report to the Board as provided by section 9 of "The Ontario Railway and Municipal Board Act," at a special sitting of the Board held at the Council Chamber in the City Hall in the City of Ottawa on the 24th day of September, A.D., 1926, at the hour of ten o'clock in the forenoon (Standard time), whereupon upon the opening of the matter and upon hearing read a certified copy of the said By-law Number 6181 and upon it appearing that notice of the appointment for the said hearing had been duly forwarded by registered post to each of the owners whose property is affected by the proposed By-law and whose names appear on the last revised Assessment Roll of the said Municipality, and upon hearing what was said by those interested in promoting and opposing the said By-law, and the said Commissioner having reported in writing to the Board, and such report having been adopted by the Board as a basis of its Order.

1. The Board doth hereby approve of the said By-law Number 6181.
2. The Board doth further direct that the Corporation of the City of Ottawa do pay the sum of Fifteen (\$15.00) Dollars for Law Stamps, the Board's tariff fee upon the said hearing.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-704

Application by the Public Utilities Commission of the City of Port Arthur, under section 250 of "The Ontario Railway Act," for approval of plan of extension of the Port Arthur Municipal Railway on Hodder Avenue north (to "Sheep ranch").

- Aug. 21st. Application and blue print plan filed.
- Aug. 30th. Engineer's Report filed.
- Oct. 1st. Plans approved and certified.
- Oct. 2nd. Memorandum by Vice-Chairman filed.

August 27th, 1926.

ENGINEER'S REPORT

Re Port Arthur Civic Railway

I have examined Plan No. 1154, prepared by the City Engineer's Office, Port Arthur, showing a proposed single track extension of the Port Arthur Civic Railway together with a profile from the end of the existing line on Hodder Avenue to the terminal loop at the north line of the Old Sheep Ranch.

This plan is satisfactory, and I therefore recommend its approval by your Board.

Yours truly,

(Sgd.) H. W. MIDDLEMIST.

MEMORANDUM

*Re Extension of the Port Arthur Municipal Railway—
Hodder Avenue North.*

D. J. Cowan, Barrister, Port Arthur, acting for the Public Utilities Commission of Port Arthur, notified the Board on the 27th May, 1926, that they were contemplating the extension of their street railway from Hodder Avenue North to the terminal at the north line of the old sheep ranch. On the 2nd of June I advised him what would be required to be filed with the Board in order to obtain the Board's approval of such extension. On the 18th of August, plans were filed with the Board, but in the meantime the railway extension was constructed without first obtaining the approval of the Board to the Plan.

On the 27th of September I examined the extension of the railway in company with an official of the Commission, and to all appearances the construction of the railway extension, which includes a loop, seems to be satisfactory.

The plan was submitted to the Board's engineer, and he reported it as being satisfactory in so far as the plan itself is concerned.

While in conversation with the Manager, Mr. Brackinreid, he informed me that at the present time there were some six hundred fares collected daily from the employees of the large industry located there who are the users of this extension, and he also stated that the Corporation are expecting another large industry to be located in that neighbourhood, the result of which would be a very much increased traffic over this extension.

The Board, not having had an opportunity to express an opinion before the extension was constructed as to whether or not it would be a paying proposition, do not assume any responsibility in that connection.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Dated at Toronto, October 2nd, 1926.

PROCEDURE FILE A-707

In the matter of the Petition of T. L. Moore, Canadian Libby-Owens Sheet Glass Co., and others, under section 9 of "The Local Improvement Act," against the construction of a cement curb on Kenilworth Avenue (east side) from Beach Road to end of walk opposite McAnulty Blvd., in the City of Hamilton.

Aug. 23rd. Petition filed.

Sept. 9th. Hearing, pursuant to appointment, 11 a.m. to 12 m., Council Chamber, Hamilton. Application dismissed. (See Reporter's Notes.)

Oct. 13th. Draft Order filed.

Oct. 13th. Order issued.

September 9th, 1926.

ORDER

Upon the petition of Traiton L. Moore and others to this Board against the construction as a Local Improvement of proposed cement curb on Kenilworth Avenue, east side, from Beach Road to end of walk opposite McAnulty Boulevard, in the City of Hamilton, and upon hearing the evidence adduced and what was alleged by the Petitioners and by Counsel for the Corporation of the City of Hamilton,

This Board doth order that the above Petition be and the same is hereby dismissed.

And it is further ordered that the Corporation of the City of Hamilton shall not proceed with the construction of the said work as a local improvement under the provisions of The Local Improvement Act before the 1st day of January, 1928.

And this Board doth further order that there shall be no costs to any party to the Application, but the Corporation of the City of Hamilton shall pay the fee of \$10.00 on this Order.

And it is further ordered that the above sum may be added to the cost of the work.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-711

In the matter of the Petition of The Hamilton Jockey Club, Ltd., under section 9 of "The Local Improvement Act," against the construction of a cement curb on Kenilworth Avenue, west side, from Barton Avenue to end of walk opposite Merchison Avenue, in the City of Hamilton.

Aug. 24th. Petition filed.

Sept. 9th. Hearing, pursuant to appointment, 11 a.m. to 12 m., Council Chamber, Hamilton. (See Reporter's Notes.) Petition dismissed.

Oct. 13th. Draft Order filed.

Oct. 13th. Order issued.

September 9th, 1926.

ORDER

Upon the Petition of The Hamilton Jockey Club, Limited, and others, to this Board against the construction as a local improvement, of proposed cement curb on Kenilworth Avenue, west side, from Barton Street to end of walk north of opposite Merchison Avenue, in the City of Hamilton, and upon hearing the evidence adduced and what was alleged by the Petitioners and by Counsel for the Corporation of the City of Hamilton,

This Board doth order that the above Petition be and the same is hereby dismissed.

And it is further ordered that the Corporation of the City of Hamilton shall not proceed with the construction of the said work as a local improvement under the provisions of "The Local Improvement Act," before the 1st day of January, 1928.

And this Board doth further order that there shall be no costs to any party to the application, but the Corporation of the City of Hamilton shall pay the fee of \$10.00 on this Order.

And it is further ordered that the above sum may be added to the cost of the work.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-712

In the matter of the Petition under section 9 of "The Local Improvement Act," of Murphy-Gamble, Limited, *et al.*, against Ottawa Local Improvement—resurfacing of Sparks Street, between Bank Street and Bronson Avenue.

Aug. 24th. Petition filed.

Sept. 3rd. Hearing, pursuant to appointment, 10 to 10.30 a.m., at Council Chamber, City Hall, Ottawa. (Mr. Commissioner Ellis authorized under Section 9, Chapter 186, R.S.O.)

Sept. 7th. Report of Mr. Commissioner Ellis filed and adopted.

Sept. 10th. Draft Order filed.

Sept. 10th. Order issued.

REPORT OF MR. COMMISSIONER ELLIS

I heard this Petition at the City of Ottawa, on the 3rd inst. pursuant to appointment.

It was admitted by the Petitioners that the work was necessary and the only question which was argued was that as the street is a main thoroughfare the Corporation should pay a larger proportion of the cost than was proposed.

The estimated cost of the work was \$19,141.00, of which it was proposed that the land abutting on the work should pay \$16,153.93, and the Corporation should pay \$2,987.07.

In my view Sparks Street is a main thoroughfare of the City of Ottawa. It is parallel to and one block away from Wellington Street. These two streets converge at the westerly end. A large portion of the traffic which goes over the interprovincial bridge at the Chaudiere must pass over this portion of Sparks Street or along Wellington Street.

In view of all the circumstances I recommend that the land to be specially assessed for the work should pay sixty per cent. of the total cost and the Corporation should pay forty per cent, including in the Corporation's share that portion of the cost which would in any event have to be paid by the Corporation under "The Local Improvement Act."

I also recommend that the Corporation pay \$15.00 for Law Stamps on the Order herein, the cost of which be charged to the work.

Respectfully submitted,

(Sgd.) J. A. ELLIS,
Commissioner.

Toronto, Sept. 7th, 1926.

Adopted.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

September 7th, 1926.

ORDER

The above Petition having come on for hearing at a special sittings of the Board, held in the Council Chamber in the City of Ottawa on Friday, the 3rd September, 1926, before Mr. Commissioner Ellis, duly authorized as provided by section 9 of The Ontario Railway and Municipal Board Act, in the presence

of certain of the said Petitioners and of the Solicitor and Engineer of the City of Ottawa, and the said Commissioner having reported upon the said matter to the Board, and the Board having adopted such Report as the basis of its Order herein;

It is ordered:

1. That the Local Improvement Report Number 253-C of the Corporation of the City of Ottawa, providing for the resurfacing of the asphalt pavement on Sparks Street, from Bank Street to the Westerly limit of Lot 18, and dated the 13th day of May, 1926, be amended by providing that the said Corporation should pay forty (40) per centum of the total cost of such work, including in the Corporation's share that portion of the cost thereof which would in any event have to be paid by the Corporation under The Local Improvement Act, and that the lands to be specially assessed for the work should pay sixty (60) per centum of the total cost thereof and that save as amended the said Report is hereby confirmed.

2. The said Corporation shall affix Law Stamps to the amount of Fifteen Dollars (\$15.00) to this Order in payment of the fees of the Board upon the said hearing, and shall charge such expenditure to the cost of the said Local Improvement work.

(Sgd.) A. B. INGRAM.

Vice-Chairman.

(Seal)

PROCEDURE FILE A-713

In the matter of the Application of the Town of New Toronto, under section 85 of "The Highway Improvement Act, 1926," to determine the amount or proportion which shall be contributed by the Municipal Corporation, Commission or Company, owning or operating the Street Railway or Electric Railway on the Toronto and Hamilton Highway through the Corporation of the Town of New Toronto, towards the widening of the said Highway through the said Corporation of the Town of New Toronto.

Aug. 26th. Application and material filed.

Sept. 16th. Hearing, pursuant to appointment, 11 to 11.30 a.m., at Board's Chambers. Adjourned "sine die" pending transfer of Railway and question of double tracking. To be heard on one week's notice. (See Reporter's Notes.)

PROCEDURE FILE A-724

In the matter of the application of the Corporation of the Township of Etobicoke, under 14 Geo. V., Chapter 62, Ontario Statutes, 1923, for approval of its proposed By-law No. 2035—Extension of Water Area No. 7 (as established by By-law No. 1623) and construction of water mains etc., therein.

Sept. 1st. Application and material filed.

Sept. 22nd. Hearing, pursuant to appointment, 11 a.m., to 12.15. p.m., at Board's Chambers. (Mr. Commissioner Ellis authorized under Section 9, Chapter 186, R.S.O.)

Sept. 22nd. Report of Mr. Commissioner Ellis filed.

Sept. 30th. Order.

REPORT OF MR. COMMISSIONER ELLIS

I heard this application to-day, pursuant to appointment, due notice of which as directed by the Board was proved by the Applicant. Several of the owners interested appeared and were heard both for and against the application.

The estimated cost of the work is \$9,250.00. The owners of the lots which are to be specially assessed number thirty-five, of these twenty-four signed a Petition to the Municipal Council for the work (Ex. 3). The total assessment of the lots to be specially assessed is \$16,545.00, and the owners who signed the Petition represent \$10,520.00.

A Petition against the proposed extension (Ex. 4) was also signed by eleven owners.

It appears to me that the proposed extension of the area is not an unreasonable one, and as a majority of the owners representing at least one-half the value of the lots which are to be specially assessed therefor have petitioned for the extension I think the application should be granted.

Respectfully submitted,

(Sgd.) J. A. ELLIS,
Commissioner.

Toronto, September 22nd, 1926.

Adopted.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

September 30th, 1926.

ORDER

Upon the application of the said Corporation, and the Board having appointed the 22nd day of September, 1926, for the Hearing of such application, and notice of such appointment having been duly given as directed by the Board, and this application having been heard pursuant to such appointment by Mr. Commissioner Ellis, duly authorized under Section 9, Chapter 186, R.S.O., and his report on such hearing bearing date the 22nd day of September having been adopted as the Order of the Board herein,

The Board orders and certifies under and in pursuance of the Special Act, being Chapter 62 of the Statutes of Ontario, 13-14 George V., being a special Act entitled "The Township of Etobicoke Act, 1923," and amendments thereto, that the said By-law No. 2035, intituled "By-law No. 2035. A By-law of the Municipality of the Township of Etobicoke to extend or enlarge a definite section or area of the Municipality known as Water Area No. 7 as established by By-law No. 1623, and enlargements thereof by adding thereto the lands hereinafter defined and described and to construct and extend the system of water mains and water works in Water Area No. 7 into the area hereinafter described for the benefit of the said Area," be and the same is hereby approved.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-725

In the matter of the petition of Thomas Kinney (sole owner of the land), under section 21 of "The Consolidated Municipal Act, 1922," for the annexation

to the Town of Picton of certain lands in the Township of Hallowell occupied by the Kinney Canning Company.

Sept. 1st. Petition and other material filed.

Sept. 17th. Hearing, pursuant to appointment, 12.15 to 12.30 p.m., Council Chamber, Picton. (Mr. Commissioner Ellis, authorized under section 9, chapter 186, R.S.O.)

Sept. 20th. Report of Mr. Commissioner Ellis (See Notes of Hearing), recommending that application be granted. Filed.

Sept. 20th. Approved draft Order filed.

Sept. 30th. Report of Mr. Commissioner Ellis adopted.

Sept. 30th. Order issued.

30th September, 1926.

ORDER

Upon the petition of the above-named petitioner, and Mr. J. A. Ellis, Commissioner of the Board, duly authorized under section 9, chapter 196, R.S.O., having, pursuant to appointment, heard the evidence adduced and what was alleged by counsel for the parties interested, and the Report of the said Commissioner having been this day adopted as the Board's Order herein,

This Board doth order that that part of the Township of Hallowell owned by the petitioner, Thomas Kinney, and being the property occupied by the Kinney Canning Company, be annexed to the Town of Picton upon such terms and conditions as to the adjustment of assets and liabilities, taxation, assessment, improvements or otherwise as may be agreed upon pursuant to section 38 of "The Consolidated Municipal Act, 1922," a description of the said lands being as follows, namely: That certain parcel or tract of land and premises situate, lying and being in the Township of Hallowell, in the County of Prince Edward, and being composed of the northeasterly part of lot number 21 in the 3rd concession of the Military tract in the Township of Hallowell, described as follows: Commencing at the northeast corner of said lot; thence along the northerly limit of said lot three chains and ninety-nine links; thence in a southwesterly direction and parallel to the easterly limit of said lot seven chains and fifty-two links; thence in a southeasterly direction and parallel to the northerly limit of said lot three chains and ninety-nine links more or less to the easterly limit of said lot; thence along the easterly limit of said lot seven chains and fifty-two links more or less to the point of beginning, containing by admeasurement three acres more or less.

And this Board doth further order that the said annexation shall take effect upon the 1st day of January, 1927.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-732

Application by the Town of Kenora, under section 88 of "The Ontario Telephone Act, 1918," for approval of new schedule of rates for telephone service to Town of Keewatin.

Sept. 8th. Application filed.

Sept. 27th. Hearing, pursuant to appointment, 9.30 to 11.30 a.m., at Town Hall, Kenora. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.) Judgment reserved.

PROCEDURE FILE A-733

Application by George E. Smith, under section 33 of "The Ontario Telephone Act, 1918," for determination of validity of special rate levied on his property by the Commissioners for the Chapple Municipal Telephone System.

Sept. 8th. Application filed.

Sept. 24th. Hearing, pursuant to appointment, 3 to 4 p.m., Town Hall, Emo. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.)

Oct. 16th. Report of Vice-Chairman filed and adopted.

REPORT

The undersigned attended at Emo on September 24th, 1926, for the purpose of hearing the evidence of all parties interested in this matter, the Board's Supervisor of Telephones System being also present. The parties were represented by counsel, as follows:

The applicant, by C. R. Fitch, Esquire.

The respondent, by A. D. George, Esquire.

This matter arises out of a dispute between the applicant and respondent as to the right of the Municipality of Chapple to levy upon the property of the applicant for the payment of his share of principal and interest in respect of debentures issued to meet the cost of extending the Chapple Municipal Telephone System to his premises, in addition to the cost of maintenance, as provided by sections 29, 29a and 29c of "The Ontario Telephone Act," the applicant claiming that not having signed a petition praying for the establishment or extension of the said system, as provided by section 9 of the before-mentioned Act, he is not a subscriber as defined by subsection (g) of section 2 of the said Act.

In his evidence the applicant states that at no time has he signed any petition praying for the establishment of the system or the extension of the said system to his premises, but that while he was absent overseas in 1917, a telephone was installed upon his premises by the respondent at the verbal request of his wife.

The applicant has paid for telephone service each year up to and including 1923. Since that time applicant has made no payment for service, and subsequently, in May, 1926, the Municipality seized his horses in order to secure payment of the amount due for telephone service in addition to general taxes in arrear, the application in this matter being filed by him on June 8th, 1926.

The applicant further states that in 1924 his premises, including the telephone, were destroyed by fire, and that upon his residence being rebuilt, another telephone was installed. Applicant further complains that his service has been very unsatisfactory. This complaint was supported by two other witnesses.

In his evidence on behalf of the respondent, Mr. Geo. Walter Hughes, Reeve of the Municipality and Chairman of the Commission, states that the applicant had signed the petition in 1916 prior to his departure overseas, and that it was in pursuance of such petition the telephone was installed. The respondent, however, has failed to produce a petition bearing the signature of "Geo. E. Smith," the applicant, the reason given for such failure being that such petition was in the custody of the then Clerk of the Municipality (E. Kernahan), who was killed overseas, and Mr. Kernahan's successors have been unable to trace that and other documents which were in his possession prior to his leaving Canada.

In view of the evidence of Mr. Hughes, a search has been made of the Board's files, from which it appears that the Municipality of Chapple has enacted three by-laws providing for the issue of debentures to meet the cost of establishing and extending the Chapple Municipal Telephone System. These are as follows:

By-law No. 210, dated March 15th, 1917, providing for an issue of \$10,000.00 for the establishment of the system.

By-law No. 256, dated April 26th, 1919, providing for an issue of \$2,500.00 for the extension of the system.

By-law No. 318, dated July 27th, 1922, providing for an issue of \$1,500.00, to meet the cost of certain reconstructions and alterations to the system.

It is significant that the name of "Geo. E. Smith" does not appear in the schedule to any of these by-laws containing the names of those subscribers upon whose property an annual levy must be made to meet the instalments of principal and interest in repayment of the debenture debt.

The omission of the name "Geo. E. Smith" from the schedule to the by-laws referred to would indicate that applicant is correct in his statement that he did not sign any petition praying for the establishment of the system before its extension to his premises. In any event it is clear that the Municipality has made no provision in any of the before-mentioned by-laws for the levying upon the property of the applicant for any portion of the instalments of principal and interest in repayment of the debt created by any such by-law.

In view of the foregoing the undersigned is of opinion:

(1) That the applicant, "Geo. E. Smith," is not a subscriber to the telephone system of the Municipality of Chapple, as defined in subsection (g) of section 2 of "The Ontario Telephone Act, 1918," and, therefore, the Municipality cannot levy upon the property of the said applicant for payment of principal and interest and the cost of maintenance, as provided in sections 29, 29a and 29c of the said Act.

(2) The applicant is liable to pay for telephone service during such period as he may have been furnished with same by the respondent, and the respondent may collect any amount due for such service in the same manner as other municipal taxes.

(3) The applicant may at any time give notice in writing to the Secretary of the Chapple Municipal Telephone System that he wishes to discontinue taking the telephone service of the respondent, and directing that the telephone and other equipment be removed from his premises, the receipt of such notice by the secretary of the system shall release the applicant from all further liability to pay for service furnished after the date named by the applicant for the discontinuance of such service.

It is recommended that an Order be issued in accordance with the foregoing opinion.

With regard to applicant's complaint as to inefficient service, it would not appear that the quality of service differs from that furnished to other subscribers and renters of the respondent's system. The witnesses testifying in support of the applicant's evidence on this point were not subscribers to the respondent's system, being connected to the telephone system of the adjacent municipality of Emo. As their evidence referred to service over both systems, it is not possible to determine with accuracy as to which system was responsible for the inefficient service complained of. The applicant's premises are connected upon the same rural party line circuit as sixteen other telephones. This fact justifies the assumption that if there existed any serious cause for complaint the applicant

would have produced the evidence of some subscriber to this circuit in support of such complaint.

It must, therefore, be assumed that the applicant has enjoyed the same facilities in regard to telephone service as those furnished to the users of the other telephones connected upon his circuit, and that, therefore, the respondent is entitled to demand payment for such service. It may, however, be pointed out that "The Ontario Telephone Act" does not vest this Board with authority to adjudicate claims for payment for telephone service in cases where such claim is disputed by reason of alleged failure to furnish service during the full period covered by any such claim.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

Toronto, October 16th, 1926.

I concur: (Sgd.) J. A. ELLIS,
Commissioner.

PROCEDURE FILE A-740

Between:

Magnus Tait,

Applicant,

—and—

The Livingstone Rural Telephone Co., Ltd.,

Respondent.

(Application under section 80 of "The Ontario Telephone Act, 1918," for an Order prescribing the terms and conditions upon which the Respondent shall furnish the Applicant with telephone service)

Sept. 11th. Application and material filed.

Sept. 22nd. Hearing, pursuant to appointment, 10.30 a.m., 1.30 to 4 p.m., Orange Hall, Desbarats. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.) Company agrees to furnish service upon applicant paying cost of extending existing circuit to his premises and \$50.00 in cash. The Company to allot shares to applicant in equal proportions to the holdings of other shareholders.

PROCEDURE FILE A-742

Application by the Board of Parks Management of the City of Sarnia, under section 13 (6) of "The Public Parks Act," for approval of the setting aside of certain park lands in the Township of Sarnia (now in the Village of Point Edward), containing 7 7/10 acres more or less, for athletic purposes.

Sept. 15th. Application, resolution and description filed.

Dec. 8th. Hearing, pursuant to appointment, 10 to 11.30 a.m., at Council Chamber, City of Sarnia. Application approved.

PROCEDURE FILE A-764

Application by the City of Toronto, under section 399a of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 10946—Restricted Area on Golfdale Road.

- Sept. 28th. Application and material filed.
 Nov. 15th. Hearing, pursuant to appointment, 11 to 11.30 a.m., at Board's Chambers. Application granted. Applicant's solicitor to draft Order.
 Nov. 18th. Draft Order filed.
 Nov. 18th. Order issued.

November 15th, 1926.

ORDER

Upon the application of the City of Toronto, upon reading the material filed by C. M. Colquhoun, Esquire, solicitor for the applicant, and upon hearing the evidence adduced and what was alleged by Counsel for the applicant and certain ratepayers of Golfdale Avenue,

The Board orders, under and in pursuance of section 399a of "The Consolidated Municipal Act, 1922," being chapter 72, Ontario Statutes, 1922, that By-law No. 10946 of the Corporation of the City of Toronto, intituled "No. 10946. A By-law to prohibit the use of land or the erection or use of buildings for any other purpose than that of a detached private residence on either side of Golfdale Road," be and the same is hereby approved.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-779

Between:

The Northern Ontario Light & Power Company, Limited,
 Appellant,

—and—

The Township of Coleman,
 Respondent.

(Assessment Appeal)

- Oct. 12th. Notice of Appeal filed (by solicitor for appellant).
 Nov. 4th. Notice of Appeal filed by Township Clerk.
 Dec. 14th. Hearing, pursuant to appointment, 11 a.m. to 1 p.m., at Board's Chambers. Judgment reserved.

PROCEDURE FILE A-789

Application by the City of Toronto, under subsection (2b) of section 399a of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 10959, amending its Restricted Area By-law No. 8866 as to No. 104 Bedford Road—to permit use of the property for Presbyterian Deaconess House.

- Oct. 23rd. Application and material filed.
 Nov. 23rd. Hearing, 11 a.m. to 1 p.m., pursuant to appointment. Judgment reserved. (Board may hear argument or further evidence before giving judgment. (See Reporter's Notes.)

PROCEDURE FILE A-790

In the matter of the application of the Corporation of the Town of Fort Frances, under section 3 (e) of "The Ontario Telephone Act, 1918," for the approval of By-law No. 850 of the said Corporation, providing for the issue of debentures to meet the cost of certain replacements and alterations of "The Fort Frances Municipal Telephone System."

Sept. 20th. Application and material filed.

Sept. 24th. Hearing, pursuant to appointment, 11 a.m. to 11.30 a.m., Court House, Fort Frances. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.) Applicant to file further particulars.

Dec. 22nd. Report of Vice-Chairman filed.

Dec. 22nd. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, December 22nd, 1926.

December 22nd, 1926.

ORDER

Upon the application of the above-named applicant, upon reading copy of the said By-law, the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, statutory declarations of John William Walker, Harry E. Marr and Robert A. Taylor, Town Clerk, Municipal Treasurer and Telephone Superintendent, respectively, all of the Town of Fort Frances, and other material filed,

The Board orders, pursuant to section 3 (e) of "The Ontario Telephone Act, 1918," that By-law No. 850 of the Corporation of the Town of Fort Frances, in the District of Rainy River, providing for the issue of debentures to an amount not exceeding Twenty-five thousand dollars (\$25,000.00), to meet the cost of certain reconstruction, replacements and alterations of the Fort Frances Municipal Telephone System, be and the same is hereby approved.

And the Board further orders that the applicant shall on or before the 20th day of January, April, July and October in each year, furnish a statement in respect of the Fort Frances Municipal Telephone System for the preceding three months, setting forth the following particulars:

- (a) Gross income.
- (b) Expenditure upon operation, maintenance and management;
- (c) Net income;
- (d) Amount due for payment of interest and sinking fund;

the first statement to be filed with the Board on or before April 20th, 1927.

And the Board makes no order for costs, save and except that the applicant shall pay \$10.00 for the Law Stamps required for this Order.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-799

Application by the Minden Municipal Telephone System, under section 33 of "The Ontario Telephone Act, 1918," for determination of validity of special rate levied under Part II of the above Act, on property of A. G. Schofield, at the southwest corner of Gelert Road and St. Germain Street, Minden.

Oct. 27th. Application filed.

Nov. 12th. Hearing, pursuant to appointment, 4 to 6 p.m., Court House, Minden. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.)

Nov. 23rd. Report of Vice-Chairman filed and adopted.

Nov. 23rd. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,

Toronto, November 23rd, 1926.

Vice-Chairman.

November 23rd, 1926.

ORDER

Upon the application of the above-named applicants, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of the applicants and A. G. Schofield, the said application and other material filed,

The Board Orders and determines, pursuant to section 33 of "The Ontario Telephone Act, 1918":

1. That A. G. Schofield is a subscriber, as defined by subsection (g) of section 2 of "The Ontario Telephone Act, 1918," to the Telephone System of the Municipality of Minden.

2. That an annual special rate may be levied and collected upon the property of the said A. G. Schofield, situate at the southwest corner of Gelert Road and St. Germain Street, Minden, each year for the years 1924 to 1933, inclusive.

3. That all special rates heretofore and hereafter levied as herein provided upon the property of the said A. G. Schofield under the provisions of sections 29, 29a, 29c and 30 of "The Ontario Telephone Act, 1918," shall be deemed to be valid and lawfully levied, provided that such special rate levied in any year shall not exceed the amount approved by the Board under the provisions of section 88 of the aforesaid Act.

And the Board makes no order for costs or for Law Stamps in respect of this Order.

(Seal)

(Sgd.) A. B. INGRAM,

Vice-Chairman.

PROCEDURE FILE A-800

Application under section 87 of "The Ontario Telephone Act, 1918," for approval of agreement for sale of "The Hyndman Telephone System" (by Executor of H. K. Hyndham Estate) to William Robert Frayne.

- Oct. 27th. Application and material filed.
 Nov. 26th. Hearing, pursuant to appointment, 10.45 to 11.45 a.m., at Town Hall, Exeter. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.)
 Dec. 7th. Report of Vice-Chairman filed and adopted.
 Dec. 7th. Order. Application granted.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, December 7th, 1926.

December 7th, 1926.

ORDER

Upon the application of the above-named applicant, upon reading the said application, the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of all parties, the Agreement between the Canada Trust Company and William Robert Frayne, dated the 11th day of October, A.D. 1926, and other material on file,

The Board orders, pursuant to section 87 of "The Ontario Telephone Act, 1918," that the agreement dated the 11th day of October, A.D. 1926, between the Canada Trust Company and William Robert Frayne, providing for the purchase of the telephone system formerly operated by Hugh Kennedy Hyndman, deceased, and known as "The Hyndham Telephone System," located in the Townships of Usborne and Hay, in the County of Huron, be and the same is hereby approved.

And the Board makes no order for costs, save and except that the applicant shall pay \$10.00 for the Law Stamps required for this Order.

(Seal) (Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-801

Application by Margaret Mason, under section 33 of "The Ontario Telephone Act, 1918," for determination of validity of a special rate levied under Part II of the above Act, on the property of the applicant, Lot 29, Con. 4, Township of London, by the Commissioners for the London Township Municipal Telephone System.

- Oct. 27th. Application and material filed.
 Nov. 24th. Hearing, pursuant to appointment, 2 p.m., Court House, London. (Vice-Chairman, authorized under section 9, chapter 186, R.S.O.)
 Dec. 16th. Report of Vice-Chairman filed and adopted.
 Dec. 16th. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,

Vice-Chairman.

Toronto, December 16th, 1926.

December 16th, 1926.

ORDER

Upon the application of the above-named applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of the applicant and respondent, and other material on file,

The Board orders and determines that the applicant, Miss Margaret Mason, being the bona fide owner of Lot 29, Concession 4, of the Township of London, at the time the petition to the Council of the Municipality of the Township of London, praying for the establishment of a telephone system was circulated, and the said petition having been signed by one William Mason without the knowledge or consent of the applicant, the said applicant, Miss Margaret Mason, is not a subscriber to the telephone system of the Municipality of the Township of London as defined by paragraph (g) of section 2 of "The Ontario Telephone Act, 1918," and that therefore no special rate can be levied upon the said property to meet the payment of any portion of the instalments of principal and interest due in respect of debentures issued to meet the cost of establishing the said system or for the payment of the cost of maintenance.

And the Board makes no order for costs or for Law Stamps in respect of this Order.

(Sgd.) A. B. INGRAM,

Vice-Chairman.

(Seal)

PROCEDURE FILE A-802

Application by Harold O'Sullivan, under section 33 of "The Ontario Telephone Act, 1918," for determination of the validity of a special rate levied under Part II of the above Act, on his property at Lot 27, Con. 4, Township of Tyendinaga, by the Commissioners for the Tyendinaga Municipal Telephone System.

Oct. 27th. Application and material filed.

Nov. 9th. Hearing, pursuant to appointment, 1.30 to 3.30 p.m., Court House, Belleville. (Vice-Chairman authorized under section 9, chapter 186, R.S.O.)

Dec. 16th. Report of Vice-Chairman filed and adopted.

Dec. 16th. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,

Vice-Chairman.

Toronto, December 16th, 1926.

December 16th, 1926.

ORDER

Upon the application of the above-named Applicant, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of the Applicant and Respondent, and other material on file.

The Board orders and determines that William Joseph O'Sullivan not being the owner of the property located at Lot 27, Concession 4, Township of Tyendinaga, at the time he signed the petition to the Council of the Municipal Corporation of the Township of Tyendinaga praying for the establishment of a telephone system no special rate can be levied upon the said property to meet the payment of any portion of the instalments of principal and interest due in respect of debentures issued to meet the cost of establishing the said system or for the payment of the costs of maintenance.

And the Board further orders and determines that the present owner of the said property, Harold O'Sullivan, is not a subscriber to the telephone system of the Municipality of Tyendinaga as defined in paragraph (g) of section 2 of "The Ontario Telephone Act, 1918," and is therefore not entitled to be furnished with telephone service except upon the terms and conditions prescribed by the said Act and amendments thereto for the extension of the said System to the premises of persons not being original subscribers thereto.

And the Board makes no Order for costs or for Law Stamps in respect of this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-803

Between:

The Falkirk Telephone Co., Ltd.

Applicant,

—and—

The West Williams Rural Telephone Association

Respondent.

For an Order restraining the Respondent from paralleling the lines of the Applicant and requiring the removal of certain lines of the Respondent which have been erected parallel with the system of the Applicant contrary to the provisions of Section 78 of "The Ontario Telephone Act, 1918."

Oct. 27th. Application and material filed.

Nov. 26th. Hearing, pursuant to appointment, 1.15 to 3.15 p.m., Town Hall, Strathroy. (Vice-Chairman authorized under section 9, chapter 186, R.S.O.)

Dec. 15th. Report of Vice-Chairman filed and adopted.

Dec. 15th. Order.

REPORT

The undersigned, having heard the evidence of all parties relative to this application, recommends that the annexed Order be adopted as the Order of the Board.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

Toronto, December 15th, 1926.

December 15th, 1926.

ORDER

Upon the application of the above-named Applicant, in the presence of the Applicant and Respondent, upon reading the Report of A. B. Ingram, Esquire, Vice-Chairman, who heard the evidence adduced on behalf of the Applicant and Respondent, the Report of the Board's Inspector of Telephone Service, and other material on file.

The Board finds and declares:

1. That the payment by the Respondent to the Applicant of One Hundred and two Dollars and Fifty cents (\$102.50), on January 11th, 1923, covered the purchase of seventeen poles on the 14th Concession of the Township of East Williams and forty poles on the 8th Concession of the said township, the last named poles being located on the said Concession between Lot 6 and the second pole east of the Side Road between Lots 10 and 11 of the said township.

2. That the Applicant is the owner of the eleven poles now erected on the 8th Concession of the Township of East Williams opposite Lots 11, 12 and 13, beginning at the third pole east of the Side Road between Lots 10 and 11 of the said township.

3. That the Respondent is, without the consent of the Applicant, occupying pin space for one metallic circuit upon forty-eight poles of the Applicant, commencing at the farm of Charles MacCallum on the road from Fort Rose to Beechwood and proceeding in a southeasterly direction to Concession 4 of the Township of East Williams thence along Concession 4 to the side road between Lots 3 and 4 thence along the said side road in a northwesterly direction to the farm of Alex. McDonald.

4. That the Respondent is also occupying pin space for one metallic circuit upon two poles of the Applicant, located on the 14th Concession of the Township of East Williams between the farms of J. McLaughlin and Arch. Morrison.

5. That the Respondent has, without the consent of the Applicant and contrary to the provisions of section 78 of "The Ontario Telephone Act, 1918," paralleled the lines of the Applicant on the 8th Concession of the Township of East Williams for the purpose of furnishing telephone service to K. McInroy.

The Board therefore orders:

1. That the Respondent shall pay to the Applicant an annual rental of Ten Cents (10c) per pole per annum for the following poles:

(a) On the 8th Concession from the third pole east of the side road between Lots 10 and 11 to the farm of Mr. Duncan—seven poles;

(b) From the farm of Charles McCallum to the farm of Alex. McDonald—forty-eight poles;

(c) From the 14th Concession between the farms of J. McLaughlin and Arch. Morrison—two poles;

the total amount payable to the Applicant as provided herein to be computed from the date upon which the wires were first attached to the poles of the Applicant until December 31st, 1926.

2. The Respondent shall forthwith remove the circuit erected on the poles of the Applicant on the 8th Concession of the Township of East Williams between the farm of Mr. Duncan and the farm of K. McInroy, and the Respondent shall further remove any poles which it may have erected for the purpose of furnishing service to the said K. McInroy.

3. The Respondent shall forthwith discontinue furnishing service to any person whose premises are located adjacent to the pole leads of the Applicant

in all cases where such service has been installed since November 30th, 1925.

4. The Respondent shall not hereafter without the consent of the Applicant install telephone service upon the premises of any person whose property is adjacent to the pole leads of the Applicant, unless and except by Order of this Board.

5. The Applicant and Respondent shall forthwith execute an agreement covering the occupation of pin space from January 1st, 1927, by either party upon the poles of the other party, and neither party shall hereafter erect wires upon or make any attachment to the poles of the other party without the previous consent in writing of such other party or by Order of this Board.

And the Board makes no Order for costs, save and except that the Respondent shall pay \$10.00 for the Law Stamps required for this Order.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-811

Application by the City of Toronto, under subsection (2b) of section 399a of "The Consolidated Municipal Act, 1922," for approval of its By-law No. 10987, repealing its By-law No. 9874 as to the northwest corner of Bloor Street and Walmer Road.

Oct. 30th. Application and material filed.

Dec. 7th. Hearing, pursuant to appointment, 11 to 11.50 a.m., at Board's Chambers. Judgment reserved. Board will view "locus". (See Reporter's Notes.)

Dec. 20th. Judgment delivered (letter)—Application granted.

Dec. 28th. Draft Order filed.

Dec. 28th. Order issued.

December 20th, 1926.

ORDER

Upon the application of the Corporation of the City of Toronto, and upon reading the material filed by C. M. Colquhoun, Esquire, Solicitor for the Applicant, and upon hearing the evidence adduced and what was alleged by Counsel for the Applicant and the owner of the property at the northwest corner of Bloor Street and Walmer Road and certain other ratepayers residing on Bloor Street and Walmer Road, and Judgment on the Application having been reserved until this day,

The Board orders, under and in pursuance of subsection (2b) of section 399a of "The Consolidated Municipal Act, 1922," that the said By-law No. 10987 entitled "No. 10987. A By-law to repeal By-law No. 9874 in so far as it prevents the establishment of a gasoline and oil filling station at the northwest corner of Bloor Street and Walmer Road," be and the same is hereby approved.

(Seal)

(Sgd.) A. B. INGRAM,
Vice-Chairman.

PROCEDURE FILE A-814

Application by Thomas Milligan, under section 80 of "The Ontario Telephone Act, 1918," for an Order prescribing the terms and conditions upon which The Beeton Telephone Company Ltd., shall furnish him with service.

Nov. 1st. Application and material filed.

Nov. 19th. Hearing, pursuant to appointment, 11 to 11.05 a.m., and 1.15 to 3.15 p.m. Village Hall, Cookstown. (Vice-Chairman authorized under section 9, chapter 186, R.S.O.) Settlement arranged between parties.

PROCEDURE FILE A-827

Application by the Township of Etobicoke, under Chapter 14, Geo. V., being "The Township of Etobicoke Act," 1923, for an extension of its Water Area No. 11 (as defined by its By-law No. 1707, by adding thereto the area defined and described by its By-law No. 2063.

Nov. 11th. Application and material filed.

Nov. 22nd. Hearing, pursuant to appointment, 11 to 11.15 a.m., at the Board's Chambers. Copy of approval of Provincial Board of Health to be filed. Application granted. Applicant's Solicitor to draft Order.

Nov. 29th. Draft Order filed.

Nov. 29th. Order issued.

November 22nd, 1926.

ORDER

Upon the application of the said Corporation, and upon reading the Notice of the Application and Declaration of Stephen Barratt filed as to the posting up and publication thereof, and a copy of the said By-law and other material filed, and upon hearing counsel for the Applicant, and no one appearing in opposition to the application,

The Board orders and certifies under and in pursuance of the Special Act, being Chapter 62 of the Statutes of Ontario, 13-14 Geo. V., being a Special Act in reference to the Township of Etobicoke, that the said By-law No. 2063 intitled "By-law No. 2063. A By-law of the Municipality of the Township of Etobicoke to extend or enlarge a defined section or area of the municipality known as Water Area No. 11 as established by By-law No. 1707, and enlargements thereof by adding thereto the lands hereinafter defined and described, and to construct and extend the system of water mains and water works in Water Area No. 11 into the area hereinafter described for the benefit of the said Area," be and the same is hereby approved.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Seal)

PROCEDURE FILE A-829

Application by W. F. Metcalf, *et al.*, under Section 80 of "The Ontario Telephone Act, 1918," for an Order prescribing terms and conditions for telephone service by the Township of Goderich.

Nov. 11th. Application filed.

Nov. 25th. Hearing, pursuant to appointment, 3 to 4.30 p.m., Town Hall, Bayfield. (Vice-Chairman authorized under section 9, chapter 186, R.S.O.) Service to be furnished on terms and conditions to be prescribed by the Board. Inspector of Telephone Service to make inspection and report, as to difficulties of construction, if any, and as to alternative routes.

Dec. 2nd. Report of Board's Inspector of Telephone Service filed.

Dec. 3rd. Board directs work to be proceeded with.

PROCEDURE FILE A-833

Between:

The Corporation of the City of Toronto,
Applicant,
The Toronto Transportation Commission.
Respondent.
(Accidents on One-man Cars).

Nov. 15th. Application filed.

Dec. 13th. Hearing, pursuant to appointment, 11 a.m. to 6 p.m., at Board's Chambers. Adjourned to Tuesday, Feb. 8th, 1927, at 11 a.m.

PROCEDURE FILE A-839

Between:

H. Maisonville,
Appellant.
—and—

The Municipal Corporation of the Town of Ford City and Ford Motor Co. of Canada, Ltd.
Respondents.

Assessment Appeal
(Income and Plant)

Nov. 20th. Notice of Appeal filed.

Dec. 20th. Hearing, pursuant to appointment, 10.30 a.m. to 6 p.m., Council Chamber, Town of Ford City. Appeal dismissed as to income. Judgment reserved as to land and buildings.

PROCEDURE FILE A-841

Between:

The Corporation of the City of Toronto,
Appellant,
—and—
Gunns, Limited,
Respondent.

Assessment Appeal
(Income.)

Nov. 23rd. Notice of Appeal filed.

Nov. 26th. Further material filed.

Dec. 20th. Hearing, pursuant to appointment, 11 a.m. to 12 m., at Board's Chambers. Appeal dismissed.

PROCEDURE FILE A-849

Between:

The Canadian Retail Coal Association,

Applicants.

—and—

The Corporation of the City of Hamilton,

Respondent.

(For reconsideration of the Board's Order of 26th March, 1918, made on application of Respondent.)

Nov. 26th. Application and material filed.

Dec. 22nd. Hearing, pursuant to appointment, 10.30 to 11.30 a.m., Council Chamber, City Hall, Hamilton. Application dismissed.

PROCEDURE FILE A-851

Application by Adam B. Mackay and Letitia L. Mackay, Owners, under "The Planning and Development Act," for approval of plan of proposed subdivision of part Lot 4, Con. 3, Township Barton, (now in City of Hamilton). ("Invergordon.")

Nov. 26th. Application and other material filed.

Dec. 22nd. Hearing, pursuant to appointment, 11 a.m. 11.30 a.m. to 12.30 p.m., at Council Chamber, City Hall, Hamilton. Plan approved if short street crossings are closed, or if complete plan is submitted. Law Stamps to be \$10.00.

LIST OF APPLICATIONS RESPECTING PROVINCIAL RAILWAYS DURING 1926.

	Procedure File	Plan File
Canadian Freight Classification No. 17—Supplement No. 1.....	4170	
Cornwall Street Railway Light & Power Co., Ltd. vs. Department of Public Highways of Ontario—Extension of Applicant's line westerly 1,400 feet to Right-of-Way of Ottawa & New York Railway Co.....	A-532	
Canadian Freight Classification No. 17—Supplement No. 2.....	4170	
Crowland, Township of—Extension of Welland & Port Colborne Railway....	A-655	512
East York, Township of—Approval of Plan, etc., of Leaside Bridge.....	A-769	514
Freight (Canadian) Classification No. 17—Supplement No. 1.....	4170	
Freight (Canadian) Classification No. 17—Supplement No. 2.....	4170	
Fort William, City of—Approval By-law No. 2559—to prohibit smoking, expectorating or committing any nuisance upon the cars and premises of its electric street railway.....	A-875	
Hydro-Electric Power Commission of Ontario—		
Sandwich, Windsor & Amherstburg Railway—Approval plan of crossing at St. Paul Ave., Town of Riverside.....	A-411	
Approval plan of crossing at East Lawn Ave., Town of Riverside.....	A-548	
Approval of track revision and reconstruction in City of Windsor (Essex District Railways, 1926).....	A-660	513
Approval plan, etc., of loop or "turnabout" with Michigan Central Railway, at Lot 73, Con. I, Township Sandwich (now in City of Windsor)..	A-871	
Toronto & York Radial Railway:—		
Hubbs & Hubbs, Ltd.—Approval of Crossing of Railway tracks at Lake Shore Road and Parker Crescent (Lot 10, Con. III, Township Toronto, Co. Peel)—(Mimico Division).....	A-635	
Thomas H., Installation of Crossing at Stop 13, Yonge Street (Metropolitan Division).....	A-773	
Highways (Public) of Ontario, Department of—Cornwall Street Railway Light & Power Co., Ltd. vs. Extension of Applicant's line westerly 1,400 feet to Right-of-Way of Ottawa & New York Railway Co.....	A-532	

	Procedure File	Plan File
Hubbs & Hubbs, Ltd.—Approval crossing of Hydro-Electric Power Commission Railway (Mimico Division) at Parker Crescent and Lake Shore Road, (Lot 10, Con. III, Township Toronto, County Peel.....	A-635	
Humberstone, Township of—Extension into of Welland & Port Colborne Railway.....	A-655	512
Humberstone, Village of—Extension into of Welland & Port Colborne Railway.....	A-655	512
International Railway Co. (Niagara Falls Park & River Division)—Re-location of poles, etc.....	A-567	510
London, City of—Approval plan of (new) Ridout Street Bridge.....	A-460	509
London Street Railway Co.—Removal of tracks on that portion of Richmond Street lying north of Huron Street, Township of London, Co. Middlesex....	A-604	
"Leaside Bridge" see "East York, Township of".....	A-769	
Michigan Central Railroad Co.—Approval connecting loop or "turnabout" with Hydro-Electric Power Commission Railway (old S.W. & A. Ry.) in City of Windsor, at Lot 73, Con. I, Township Sandwich.....	A-871	
Port Arthur—Public Utilities Commission of City of—Approval By-law No. 7 prohibiting smoking, expectorating or committing any nuisance upon the cars and premises of its Electric Street Railway.....	A-454	
Port Colborne, Town of—Extension into of Welland & Port Colborne Railway..	A-655	512
Port Arthur, Public Utilities Commission of City of—Approval plan of extension of Port Arthur Municipal Railway on Hodder Ave. North.....	A-704	
Riverside, Town of—Approval crossing of Hydro-Electric Power Commission Railway (S. W. & A.) at St. Paul Ave.....	A-411	
Riverside, Town of—Approval crossing of Hydro-Electric Power Commission Railway (S. W. & A.) at East Lawn Ave.....	A-548	
Thomas, H.—Installation of Crossing of Hydro-Electric Power Commission tracks (Metropolitan Division) at Stop 13, Yonge St.....	A-733	
Toronto vs. Toronto Transportation Commission—Accidents on One-man Cars.	A-833	
Toronto Transportation Commission; City of Toronto vs. Accidents on One-man cars.....	A-833	
Weston, Town of—Approval plan of westerly track within the Town of Weston and short section easterly track north of St. John's Road.....	A-619	
Welland & Port Colborne Railway Co.—Approval of general location, etc., of railway and branch line in Townships Crowland and Humberstone and Town of Port Colborne and Village Humberstone.....	A-655	512
Weston, Town of—Approval additional expenditure of \$30,000 for Street Railway purposes.....	A-868	

APPLICATIONS TO THE BOARD FOR VALIDATION OF BY-LAWS UNDER SECTION 295 OF "THE CONSOLIDATED MUNICIPAL ACT, 1922"

(Abbreviation "I.C." means Irregularities Cured.) (Abbreviation "I." means Irregularities not Cured)

Municipality	By-law No.	Purpose	Amount	Procedure File
Alliston, Town of.....	408	Pavement—Local Improvement.....	\$4,651 07 (I.C.)	A-348
Brockville, Town of.....	1502	Sewers—Local Improvements.....	8,550 65 (I.C.)	A-349
Belleville, City of.....	2733 (Con.)	Sidewalks—Local Improvements.....	15,789 35 (I.C.)	A-471
Bridgeburg, Town of.....	489 (Con.)	Pavements—Local Improvements.....	37,960 00 (I.C.)	A-475
Bowmanville, Town of.....	1126	Pavements, etc.—Local Improvements.....	65,219 48 (I.C.)	A-488
Belleville, City of.....	2747 (Con.)	Sidewalks—Local Improvements.....	4,796 57 (I.C.)	A-563
Barrie, Town of.....	1180	Pavements—Local Improvements.....	48,251 26 (I.C.)	A-585
Bradford, Village of.....	510	Holland Marsh Draining Scheme.....	7,050 00 (I.C.)	A-723
Belle River, Village of.....	7 (1925)	Waterworks System.....	50,000 00 (I.C.)	A-760
Belle River, Village of.....	12 (1926)	Completion of Waterworks System.....	25,000 00 (I.C.)	A-776a
Crystal Beach, Village of.....	96	Fire Hall, etc.....	12,000 00 (I.C.)	A-426
Carleton Place, Town of.....	947	Waterworks Extensions, etc.....	51,115 00 (I.)	A-458
Carleton Place, Town of.....	949	Waterworks Extensions, etc.....	51,115 00 (I.)	A-458a
Crystal Beach, Village of.....	111	Watermains, etc.—Local Improvements.....	90,364 12 (I.C.)	A-596
Carleton Place, Town of.....	953	Extensions to Waterworks System, etc.....	51,115 00 (I.)	A-458
Calvert, Township of.....	128	Waterworks Extensions.....	16,000 00 (I.C.)	A-880
Calvert, Township of.....	132	Completion and extension of sewerage system.....	44,000 00 (I.C.)	A-840
Cobourg, Town of.....	1358	Park purposes.....	6,600 00 (I.C.)	A-850
Eastview, Town of.....	581 (Con.)	Sidewalks and Sewers—Local Improvements.....	20,700 00 (I.C.)	A-353
Etobicoke, Township of.....	1917	Public School Purposes, S.S. No. 12.....	65,000 00 (I.C.)	A-570
Etobicoke, Township of.....	1971	Extension of Queen Street—Local Improvement.....	5,600 00 (I.C.)	A-606
Etobicoke, Township of.....	2016	Watermains—Local Improvements.....	40,055 00 (I.C.)	A-620
Etobicoke, Township of.....	2020	Watermains—Local Improvements.....	21,295 00 (I.C.)	A-621
Essex Border Utilities Commission.....	48	Completion of Filtration Plant.....	375,000 00 (I.C.)	A-783
Etobicoke, Township of.....	2033	Fire Hall and Appliances in Fire Area No. 5.....	13,000 00 (I.C.)	A-864
East Hawkesbury, Township of.....	514	Bridges.....	25,000 00 (I.C.)	A-872
Ford City, Town of.....	725	Public Parks Purposes.....	30,000 00 (I.C.)	A-638
Forest Hill, Village of.....	141	Sidewalks—Local Improvements.....	4,420 00 (I.C.)	A-722
Fort William, City of.....	2575 (Con.)	Local Improvements.....	31,974 15 (I.)	A-859
Fort William, City of.....	2606 (Con.)	Local Improvements.....	37,950 70 (I.)	A-860
Galt, City of.....	2199	Sewers, etc.—Local Improvements.....	19,460 45 (I.C.)	A-357
Grantham, Township of.....	3997	Sidewalk on Queenston Road—Local Improvement.....	3,997 00 (I.C.)	A-784
Haileybury, Town of.....	644	Sidewalk—Local Improvement.....	6,215 71 (I.C.)	A-470
Haldimand, Township of.....	115	Public School Purposes, S.S. No. 8.....	6,400 00 (I.C.)	A-623
Kapuskasing, Town of.....	84	Sewers and Waterworks—Local Improvements.....	27,000 00 (I.C.)	A-609
Leamington, Town of.....	1179	Waterworks Extensions.....	44,730 77 (I.C.)	A-347
Leamington, Town of.....	1189 (Con.)	Pavements, etc.....	41,196 51 (I.C.)	A-422
London, Township of.....	897	Pavements—Local Improvements.....	7,500 00 (I.)	A-826

APPLICATIONS TO THE BOARD FOR VALIDATION OF BY-LAWS UNDER SECTION 295 OF "THE CONSOLIDATED MUNICIPAL ACT, 1922"—Continued

(Abbreviation "I.C." means Irregularities Cured.) (Abbreviation "I" means Irregularities Not Cured)

Municipality	By-law No.	Purpose	Amount	Procedure File
Midland, Town of.....	1148	Extension of Sewerage System.....	35,000 00	A-354
Morrisburg, Village of.....	488	High School Purposes.....	10,000 00 (1.C.)	A-816
North Bay, Town of.....	796	"Dominion Dustless Sweeper".....	14,000 00	A-537
Norwich, Village of.....	807	Waterworks Extensions.....	6,500 00	A-821
Orillia, Town of.....	901	Sewers, etc.—Local Improvements.....	20,879 06 (1.C.)	A-578
Orillia, Town of.....	899	Pavements, etc.....	26,200 00 (1.C.)	A-586
Port Dalhousie, Village of.....	526	Sewers—Local Improvements.....	8,051 90 (1.C.)	A-483
Peel, County of.....	662 (amended)	Corporation's share of cost of Provincial Highways.....	70,000 00	A-583
Pembroke, Town of.....	1238	Storm Sewer (Church Street)—Local Improvement.....	760 48	A-598
Pembroke, Town of.....	1239	Storm Sewer (Doran Street)—Local Improvement.....	892 24	A-599
Pembroke, Town of.....	1240	Storm Sewer (Eganville Road)—Local Improvement.....	4,359 92	A-600
Pembroke, Town of.....	1241	Storm Sewer (McGee Street)—Local Improvement.....	339 00	A-601
Port Colborne, Town of.....	75 (1926)	High School Purposes.....	43,000 00	A-622
Pembroke, Town of.....	1243	Watermains.....	6,290 91 (1.C.)	A-630
Port Perry, Village of.....	895	High and Public School Purposes.....	65,000 00 (1.)	A-730
Peterborough, City of.....	2654	Steam Road Roller and Scarifier.....	6,300 00 (1.C.)	A-765
Petrolia, Town of.....	1251	High School Purposes.....	100,000 00 (1.C.)	A-877
Riverside, Town of.....	190 ("L")	Watermains—Local Improvements.....	4,000 00 (1.C.)	A-444
Riverside, Town of.....	191 ("L")	Watermains—Local Improvements.....	3,040 00 (1.C.)	A-445
Riverside, Town of.....	193 ("L")	Watermains—Local Improvements.....	6,080 00 (1.C.)	A-446
Riverside, Town of.....	213 ("D")	Watermains—Local Improvements.....	3,430 00 (1.C.)	A-731
Riverside, Town of.....	226 ("D")	Watermains—Local Improvements.....	12,270 00 (1.C.)	A-843
Renfrew, County of.....	1081	Corporation's share of cost of construction of bridges on Provincial Highway.....	15,000 00 (1.)	A-881
Sudbury, Town of.....	888	Sewers—Local Improvements.....	30,000 00 (1.C.)	A-377
Sandwich West, Township of.....	640	Watermains and Sidewalks—Local Improvements.....	38,185 72 (1.C.)	A-380
Stratford, City of.....	3077	Waterworks Extensions.....	50,000 00 (1.C.)	A-425
Sault Ste. Marie.....	1235 (amended)	Division of Douglas Creek.....	14,300 00 (1.C.)	A-442
Sandwich, Town of.....	1462	Ornamental Lighting—Local Improvements.....	5,571 29 (1.C.)	A-558
Sandwich, Town of.....	1464	Pavement—Local Improvement.....	9,619 82 (1.C.)	A-559
Stephen, Township of.....	341	Public School Purposes in S.S. No. 10.....	4,000 00	A-571
Stratford, City of.....	3101	Watermain—Local Improvement.....	2,092 40 (1.)	A-603
Stratford, City of.....	3093	Purchase of Gas Works Plant, etc.....	65,000 00 (1.C.)	A-648
St. Catharines, City of.....	3680	Sewers—Local Improvements.....	11,571 97 (1.C.)	A-797
Southampton, Town of.....	750	Heating and Ventilating System in Public and Continuation Schools, etc.....	4,500 00 (1.C.)	A-876
Sandwich, Town of.....	1562	Sewer—Local Improvement.....	812 12 (1.)	A-880
Tisdale, Township of.....	329	Public School Purposes in S.S. No. 2.....	45,000 00	A-739

Windsor, City of.....
 Windsor, City of.....
 Welland, City of.....
 Walkerville, Town of.....
 Windsor, City of.....
 Walkerville, Town of.....
 Weston, Town of.....

Sewer—Local Improvement.....
 Opening of York and Church Streets as Local Improve-
 ments.....
 Public School Purposes in Ward No. 6.....
 Pavements, etc.—Local Improvements.....
 Sewers and Sidewalks—Local Improvements.....
 Pavements—Local Improvements.....
 Pavements—Local Improvements.....

3528
 3538
 446
 1137 (Con.)
 3582
 1131 (Con.)
 410 (Con.)

31,593 89 (I.C.) A-384
 6,235 98 (I.C.) A-385
 100,000 00 A-478
 243,854 51 (I.C.) A-517
 66,581 66 (I.C.) A-628
 11,908 24 (I.C.) A-642
 71,015 34 (I.C.) A-890

LIST OF BY-LAWS APPROVED BY THE BOARD UNDER SUBSECTION (3) OF SECTION 400 OF "THE CONSOLIDATED MUNICIPAL ACT, 1922"

Municipality	By-law No.	Purpose	Amount	Procedure File
Alexandria, Town of	415	Waterworks Extensions	\$3,106 67	A-686
Brantford, City of	2004	Hydro-Electric Extensions	25,000 00	A-708
Belle River, Village of	12 (1926)	Completion of Waterworks System	25,000 00	A-776
Dryden, Town of	190	Waterworks Extensions	7,000 00	A-157
Etobicoke, Township of	2034	Extensions to Hydro-Electric System	100,000 00	A-762
Hamilton, City of	3307	Waterworks Extensions	99,525 00	A-481
Hamilton, City of	3304	Hydro-Electric Extensions	300,000 00	A-487
Listowel, Town of	941	Waterworks Extensions	10,000 00	A-480
London, City of	8105	Waterworks Extensions	48,000 00	A-709
London, City of	8126	Waterworks Extensions	12,000 00	A-710
Niagara Falls, City of	1517	Hydro-Electric System Extensions	70,000 00	A-806
Norwich, Village of	807	Waterworks Extensions	6,500 00	A-820
Peterborough, City of	2617	Electric Light Extensions	51,620 00	A-356
Peterborough, City of	2624	Electric Light Extensions	8,000 00	A-376
Port Colborne, Town of	71 (1926)	Hydro-Electric Extensions	20,000 00	A-459
Peterborough, City of	2642	Waterworks Extensions	8,000 00	A-536
Pembroke, Town of	1243	Waterworks Extensions	6,290 91	A-587
Riverside, Town of	239 ("H")	Extensions to Hydro-Electric System	25,000 00	A-485
Stratford, City of	3077	Waterworks Extensions	50,000 00	A-372
Sandwich, Town of	1450	Electric Extensions	27,000 00	A-522
Smiths Falls, Town of	1806	Extension of Sewer System	16,612 50	A-736
Smiths Falls, Town of	1807	Extension of Water System	4,000 00	A-737
Srathroy, Town of	1128	Extension of Water System	4,016 89	A-752
Springfield, Village of	323	Extension of Hydro-Electric System	4,500 00	A-837
Toronto, City of	10779	Waterworks Extensions	325,000 00	A-456
Toronto, City of	10822	Waterworks Extensions	20,300 00	A-552
Timmins, Town of	313	Waterworks Extensions	12,000 00	A-700
Thornbury, Town of	12 (1926)	Hydro-Electric Extensions	7,000 00	A-753
Toronto, City of	11040	Hydro-Electric Extensions	1,046,000 00	A-867
Waterloo, Town of	841	Waterworks Extensions	15,000 00	A-413
Waterloo, Town of	860	Waterworks Extensions	14,058 73	A-512
Wingham, Town of	973 (1926)	Waterworks Extensions	4,500 00	A-887

MISCELLANEOUS MATTERS

ANNEXATIONS

	Procedure File
Wheatley, Village of—Annexation to of parts Townships Mersea and Romney.....	A-416
Bucke, Township of—Annexation to of Township Lorraine, South Lorraine" and Township Firstbrook.....	A-472
Elora, Village of—Annexation to of part Township Nichol (lands of Alabastine Co., Paris, Ltd.).....	A-597
Hilton, Municipality of—Annexation to of Municipality of St. Joseph.....	A-625
Picton, Town of—Annexation to of part Township of Hallowell (lands of Kinney Can- ning Co.).....	A-725
New Toronto, Town of—Annexation to of part Township Etobicoke (Jackson's Grove— south side of Lake Shore Road).....	A-889

ARBITRATIONS

O'Donoghue, W. J., vs. Township Etobicoke—Damages re widening of and alteration of building line on Lake Shore Road.....	A-353
Cooper, Lillian M. and Albert W., vs. Township Etobicoke—Damages re widening of and alteration of building line on Lake Shore Road.....	A-364
King, Grace G., vs. Toronto & Hamilton Highway Commission and Ontario Department of Public Highways—Compensation for damages to land in Town of Oakville re raising and filling in of Forsythe Street.....	A-390
Hook, Herbert, vs. Toronto & Hamilton Highway Commission and Ontario Department of Public Highways—Compensation for damages to land in Town of Oakville re raising and filling in of Forsythe Street.....	A-391
Jamieson, Alexander, vs. Ontario Department of Public Highways—Compensation for lands expropriated in Township of Horton, County Renfrew—(parts Lots 7 and 8, Con. III).....	A-572
Richardson, John H., vs. Ontario Department of Public Highways—Compensation for lands expropriated in Township Scarborough, Co. York—(Lots 2, 5, 10, 12 and 13, Plan 2753).....	A-580
Toronto Sewer Pipe Co., Ltd. vs. Ontario Department of Public Highways—Compensa- tion for lands expropriated in Townships East and West Flamborough, Co. Went- worth (Part Lots 16, 17 and 25, Registered plan 15).....	A-650
New Toronto, Town of—Determination of proportion of cost of widening Toronto and Hamilton Highway, payable by the Applicant (under Section 85 (2) of "The High- way Improvement Act, 1926").....	A-713
Ottawa Suburban Roads Commission—Determination of amount of compensation to be paid to the Roman Catholic Episcopal Corporation of Ottawa, for lands expropriated re widening and grading of the "Metcalfe Road".....	A-774
Carleton County vs. Roman Catholic Episcopal Corporation of Ottawa—Compensation re widening and grading of the "Metcalfe Road".....	A-861
Chownyk, Michael, vs. Ontario Department of Highways—Compensation for lands ex- propriated in Township and County of Waterloo (Part Lot 14, B. F. Concession, East side of Grand River).....	A-883
Hertel, Herman, vs. Ontario Department of Highways—Compensation for lands ex- propriated in Township and County of Waterloo (Part Lot 14, B.F. Concession, East side of Grand River).....	A-884

ASSESSMENT APPEALS

Toronto, City of, vs. Peter C. Larkin—(Income).....	\$392,907	A-360
Northern Ontario Light & Power Co., Ltd. vs. Township of Coleman— (Buildings and business).....	178,000	A-779
Sir D. L. Macpherson Trust (Trustees of) vs. Township York—(land).....	42,050	A-807
Crosthwaite, Henry F., vs. City of Hamilton—(land and buildings).....	52,550	A-828
Maisonville, H., vs. Town of Ford City and Ford Motor Co. of Canada, Ltd. (Business and income).....	2,112,255	A-839
City of Toronto vs. Gunns Limited—(Income).....	100,000	A-841
City of Hamilton vs. Cyrus A. Birge—(Income).....	60,000	A-857

BILLS FINANCIAL

(Rule 61a of the House)

Procedure
File

Arnprior, Town of.....	Bill No. 2 (1926) Act respecting.....	A-415
Aylmer, Town of.....	Bill No. 5 (1926) Act respecting.....	A-419

BILLS, REFERRED TO BOARD UNDER SECTION 56, CHAPTER 186, R.S.O.

BRIDGES

By-laws approved under Section 289 (2) (e) of "The Consolidated Municipal Act, 1922."

BRIDGES

Relief from rebuilding—(Section 460 (9) of "The Consolidated Municipal Act, 1922."		
Sombra, Township of—on road intersecting south part Lot 8, Con. IX (over outlet of Gooden's Creek).....		A-595
Sombra, Township of—over Black creek on road between Con. XIII and XIV and opposite Lot No. 19.....		A-612

BRIDGES

Repairs to—under Section 460 (b) of "The Consolidated Municipal Act, 1922," (as enacted by 15 Geo. V., Chapter 59, Section 21.)		
St. Thomas, City of—Approval By-law 2656 authorizing issue of debentures for amount not exceeding \$20,000 to repay cost of reflooring "Wilson's" bridge.....		A-678

CEMETERIES

Incorporation of additional land in, etc.—under Section 40 (a) of "The Cemetery Act" as enacted by Section 2 of "The Cemetery Amendment Act, 1920."

COUNTY ROAD

Abandonment of part of—under Section 448 of "The Consolidated Municipal Act, 1922."

DETACHMENT OF FARM LANDS FROM TOWN OR VILLAGE

(Section 21a of "The Consolidated Municipal Act, 1922.")

DEVIATION OF BOUNDARY ROADS

(Section 469 of "The Consolidated Municipal Act, 1922")

EXTENSION OF DEBENTURE ISSUE PERIOD

(Section 288 (9) (10) of "The Consolidated Municipal Act, 1922")

Municipality	By-law No.	Purpose	Amount	Procedure File
London, City of.....	5024	Collegiate Institute purposes....	\$12,000	A-394
London, City of.....	5026	School purposes.....	8,700	A-395
London, City of.....	5036	Sewage Disposal Works.....	18,250	A-396
London, City of.....	5037	Completion of Heating System in Victoria Hospital.....	10,000	A-397
London, City of.....	5061	Electric light purposes.....	62,000	A-398
London, City of.....	5062	Completion of Wharncliffe Bridge.....	9,000	A-399
London, City of.....	5063	Waterworks purposes.....	30,000	A-400
London, City of.....	5142	Purposes of London Railway Commission.....	60,000	A-401
London, City of.....	5202	Industrial School.....	165,000	A-402
London, City of.....	5312	Electric light purposes.....	50,000	A-403
London, City of.....	5313	Purposes of London Railway Commission.....	39,000	A-404
London, City of.....	5315	Storm sewers, etc.....	170,000	A-405
London, City of.....	5597	Waterworks Extensions.....	60,000	A-406
Windsor, City of.....	2513	Housing purposes.....	750,000	A-477
Toronto, City of.....	10177	Hydro - Electric (capital) pur- poses.....	3,119,000	A-818

EXTENSION OF TIME TO PASS BY-LAWS

(Section 280 (5) of "The Consolidated Municipal Act, 1922.")

Municipality	By-law No.	Purpose	Amount	Procedure File
Scarborough, Township of....	1410	High School purposes.....	\$40,000	A-659
Port Perry, Village of.....	895	High and Public School pur- poses.....	65,000	A-743
Belle River, Village of.....	7 (1925)	Waterworks System.....	50,000	A-759
East Hawkesbury, Township of	514	Bridges.....	25,000	A-808
Parry Sound, Town of.....	594	C.P.R. Subway.....	4,000	A-885

FORMS

Approved by the Board

Local Improvements—Form re section 9 of "The Local Improvement Act" as amended by section 2, Chapter 64, Ontario Statutes, 1921, and re sections 11 and 55 of same Act. . . A-367

"THE (MUNICIPAL) FRANCHISES ACT"

Chapter 197, R.S.O.

FUEL—BY-LAWS FOR BUYING, ETC.

(Section 399 (39a) of "The Consolidated Municipal Act, 1922")

Canadian Retail Coal Association vs. City of Hamilton—Reconsideration of Board's Order dated March 26th, 1918..... A-849

HIGHWAYS

HIGHWAYS NARROW

(Section 479 of "The Consolidated Municipal Act, 1922")

	Procedure File
Sombra, Township of—Approval By-law No. 11 (1926), opening of Highway on Lot 7, Con. IX, at width of 40 feet.....	A-511
Kitchener, City of—Approval By-law 1909, widening of Union Street between Park Street and the Waterloo limits, to a width of 60 feet.....	A-618
Whitchurch, Township of—Approval By-law No. 950, opening of highway on part Lot 17, Con. IV, at width of 50 feet.....	A-688
Sarnia, City of—Approval By-law 1633, extension of Tunnel Street, at width varying from 47 to 60 feet.....	A-767
Toronto, City of—Approval By-law 11053, extension of Carling Ave., at width varying from 48 feet to 65½ feet.....	A-882
Peterborough, City of—Approval By-law 2675, opening of highway at width of 40 feet on west side of Lots 30 and 31, Plan 31 of said City.....	A-886

HIGHWAYS (PROVINCIAL), APPORTIONMENT OF COST OF

(Section 12 (8) Chapter 16, Ontario Statutes, 1917)

INCORPORATIONS

(Section 19 of "The Consolidated Municipal Act, 1922")

INTEREST DECREASE BY-LAWS

(Section 291 of "The Consolidated Municipal Act, 1922")

Municipality	Debenture By-law	Purpose	Interest Decrease By-law	Rate	Amount	
Weston, Town of.....	353	Purchase of portion of Toronto S u b u r - ban Railway in Town of Weston....	412	5% to 5½%	\$25,000	A-842

INTEREST INCREASE BY-LAWS

(Section 291 of "The Consolidated Municipal Act, 1922")

Municipality	Debenture By-law	Purpose	Interest Increase By-law	Rate	Amount	
Belle River, Village of . . .	7 (1925)	Waterworks System....	11 (1926)	5% to 5½%	\$50,000	A-775

LEGISLATION SPECIAL

	Procedure File
O'Donohoe, W. J., vs. Township Etobicoke—damages re widening and alteration of building line of Lake Shore Road.....	A-353
Cooper, Lillian M. and Albert W., vs. Township Etobicoke—damages re widening and alteration of building line of Lake Shore Road.....	A-364
Essex Border Utilities Commission—Approval proposed By-law for debenture issue of \$375,000 for completion of Filtration Plant.....	A-564
Riverside, Town of—Re-apportionment of cost of Filtration Plant constructed by Essex Borders Utilities Commision.....	A-636
Weston, Town of—Approval additional expenditure of \$30,000 for Street Railway purposes.....	A-868
Essex Border Utilities Commission—Consent to issue debentures under its By-law No. 52—Completion of filtration plant (\$375,000).....	A-878
Walkerville, Town of—Re-apportionment of cost of Filtration Plant constructed by Essex Border Utilities Commission.....	A-683
Sandwich West, Township of—Re-apportionment of cost of Filtration Plant constructed by Essex Border Utilities Commission.....	A-684

LICENSE FEE

(Section 406 (9a) of "The Consolidated Municipal Act, 1922")

LOCAL IMPROVEMENTS, OBJECTIONS AGAINST

(Section 7 of "The Local Improvement Act")

LOCAL IMPROVEMENTS, PETITIONS AGAINST

(Section 9 of "The Local Improvement Act")

Municipality	Petitioner	Work	Procedure File
Fort William, City of.....	Canadian National Railways	Gravelling of roadway along and abutting its lands.....	A-524
Guelph, City of.....	Jas. Doyle, <i>et al.</i>	Pavement on Kene St., from Norfolk St. to Glasgow St..	A-550
Peterborough, City of.....	D. W. Dumble, <i>et al.</i>	Pavement on Reid Street from Macdonell Street to northerly boundary of Lot 23, Plan 29T.....	A-556
Leamington, Town of.....	G. A. Brown, <i>et al.</i>	Pavement on Talbot Street from M.C.R. Crossing to Town Limit.....	A-582
Dunnville, Town of.....	Gerard Smith, <i>et al.</i>	Resurfacing of Niagara and other streets.....	A-637
Midland, Town of.....	J. M. Wallace, <i>et al.</i>	Pavement on Bay Street West from King Street to west side of Fourth Street.....	A-656
Midland, Town of.....	O. W. McKinley, <i>et al.</i>	Pavement on King Street from Elizabeth to Yonge Street.....	A-662
Hamilton, City of.....	Canadian Libbey-Owens Co., Ltd., and Hamilton Jockey Club Ltd., <i>et al.</i>	Roadway on Kenilworth Ave. between Barton Street and Beach Road.....	A-672
Belleville, City of.....	Wm. Alford, <i>et al.</i>	Sewer on John Street from Bridge Street, southerly to Lot D, and on Lattimer Street from Church Street to John Street.....	A-673

LOCAL IMPROVEMENTS, PETITIONS AGAINST—Continued

Municipality	Petitioner	Work	Procedure File
Belleville, City of	E. A. Green, <i>et al.</i>	Sewer on Sinclair Street from Lot 36 to Bridge Street West	A-674
Windsor, City of	Alex. Paterson, <i>et al.</i>	Pavement on Ouellette Avenue from Shepherd Avenue To Tecumseh Road	A-682
Windsor, City of	Mabel M. Scott, <i>et al.</i>	Pavement on Ouellette Avenue, from Erie Street to Shepherd Avenue	A-685
North York, Township of	Danforth Heights, Ltd. <i>et al.</i>	Bridge over west branch of Don River, on Don Blvd	A-692
Windsor, City of	Maud Lyons, M. W. Nesbitt, <i>et al.</i>	Pavement on Pellissier Street between Wyandotte and Park Streets	A-695
Hamilton, City of	T. L. Moore, <i>et al.</i>	Cement curb on Kenilworth Avenue (east side) from Beach Road to end of walk opposite McAnulty Blvd	A-707
Hamilton, City of	Hamilton Jockey Club, Ltd.	Cement curb on Kenilworth Avenue (west side) from Barton Avenue to end of walk opposite Merchison Avenue	A-711
Ottawa, City of	Murphy-Gamble, Ltd. <i>et al.</i>	Resurfacing of Sparks Street between Bank Street and Bronson Avenue	A-712
Lucknow, Village of	Philip S. Stewart, <i>et al.</i>	Pavement on Stauffer Street from Wheeler Street to north limit of Lot 498	A-715
East York, Township of	Jno. B. Robertson, <i>et al.</i>	Pavement on Woodbine Avenue from north limits of City of Toronto northerly to Virginia Avenue	A-734
North York, Township of	David Henderson, <i>et al.</i>	Bridge over Ravine on Addington Avenue	A-741
Toronto, City of	Boake Manufacturing Co., Ltd.	Curb and pavement on Dartnell Avenue	A-796
Perth, Town of	Mary Walker, <i>et al.</i>	Pavement on Harvey Street between Drummond and Gore Streets	A-836

LOCAL IMPROVEMENTS—PART ONLY OF WORK

(Section 18a of "The Local Improvement Act")

Municipality	Amending By-law	Original By-law	Procedure File
Crystal Beach, Village of	109	73	A-482
Toronto, City of	10867	10647	A-579
Crystal Beach, Village of	113	73	A-613
Toronto, City of	10892	10599	A-657
Toronto, City of	10909	10671	A-658
Forest Hill, Village of	139	82	A-768
Toronto, City of	10951	10630	A-791
Toronto, City of	10952	10671	A-792
Toronto, City of	10953	10627	A-793
Toronto, City of	10954	10696	A-794
Toronto, City of	10980	10630	A-809
Toronto, City of	10981	9968	A-810
Toronto, City of	11022	9968	A-848
Goderich, Town of	71 (1926)	15 (1923)	A-865

NATURAL GAS

RESTRICTED AREAS

Approval By-laws establishing

(Section 399a of "The Consolidated Municipal Act, 1922")

Municipality	By-law No.	Area	Procedure File
North York, Township of.....	346	East side of Yonge Street.....	A-409
Crystal Beach, Village of.....	103	Building restrictions in whole Village.....	A-432
Brantford, City of.....	1685	Building and fire restrictions...	A-588
	(amended)		
Brantford, City of.....	2001	East side of William, Street, etc	A-646
Ottawa, City of.....	6181	Fentiman Avenue, Brighton Street, and Sunnyside and Belmont Avenue, east of Riverdale Avenue.....	A-702
Toronto, City of.....	10946	Goffdale Road (either side)....	A-764
London, Township of.....	....	Richmond Street, from Huron Street to River Thames.....	A-830

REPEAL OF RESTRICTED AREAS

Approval By-laws, repealing in part, By-laws providing for restricted areas

(Section 399a (2b) of "The Consolidated Municipal Act, 1922")

Municipality	Amending By-law No.	Original By-law	Area eliminated	Procedure File
Kapuskasing, Town of...	79	21	Lots 617, etc.—Business circle; Lots 580, etc., Dallyn Avenue; and Lots 605, etc., Byng Avenue.....	A-412
Kapuskasing, Town of...	80	21	Lots 706, 707, 722 to 734 (incl.) and 748 to 756 (incl.).....	A-412a
Toronto, City of.....	9920	9188	Lot 33, Plan 578 (in area on St. George Street from Bloor Street to Dupont Street)....	9010a
Toronto, City of.....	10847	8834	No. 9 Prince Arthur Avenue...	A-607
Toronto, City of.....	10923	9533	No. 126 Glen Road.....	A-687
Forest Hill, Village of....	133	76	South side of Lonsdale Road...	A-721
Toronto, City of.....	10959	8866	No. 104 Bedford Road.....	A-789
Toronto, City of.....	10987	9874	Northwest corner of Bloor Street and Walmer Road.....	A-811
Toronto, City of.....	11038	9411	"Casa Loma" on Austin Terrace	A-863

SEWAGE AND SEWAGE DISPOSAL WORKS

(Section 94 of "The Public Health Act" as amended)

	Procedure File
Toronto, City of—Construction of Sewerage System in Township East York, and location, etc., of sewage Disposal Plant.....	A-555

SEWERAGE AREAS

SINKING FUNDS

Approval of By-laws for Investment of

(Section 303 of "The Consolidated Municipal Act, 1922")

Municipality	Debiture By-law	Sinking Fund By-law	Purpose	Amount	Procedure File
Brockville, Town of	1502	1503	Sewer as local improvement	\$8,550 65	A-350
Windsor, City of	3582(Con.)	3603	Sewers and sidewalks as local improvements	66,581 66	A-629
Welland, City of	446	478	Public School purposes in Ward 6	100,000 00	A-755

"THE SUBURBAN AREA DEVELOPMENT ACT, 1921"

(Chapter 66, Ontario Statutes, 1921, section 7)

SOLDIERS' HOMES

Amendment respecting (under paragraph 1 (b) of section 398a of "The Consolidated Municipal Act, 1922")

TAX RATE

Approval of further debt where rate too high

(Section 297 (2) of "The Consolidated Municipal Act, 1922," as amended by section 3, chapter 53, Ontario Statutes, 1924)

Municipality	By-law No.	Purpose	Amount	Procedure File
Galt, City of	2199	Sewers and storm drains	\$19,460 45	A-362
Crystal Beach, Village of	96	Fire Hall, etc.	12,000 00	A-414
Fonthill, Village of	62	Hydro-Electric System	20,000 00	A-439
Carleton Place, Town of	947	Waterworks extensions, etc.	51,115 00	A-457
Carleton Place, Town of	949	Waterworks extensions, etc.	51,115 00	A-457a
Crystal Beach, Village of	111	Watermains (local improvements)	90,364 12	A-617
Carleton Place, Town of	953	Waterworks extensions, etc.	51,115 00	A-679
Teck, Township of	244	Waterworks extensions, etc.	180,194 03	A-696
		(p. 516)		
Kenora, Town of	909	High School purposes	6,000 00	A-746
Bridgeburg, Town of	506	Assessments for 1926	119,404 21	A-756
E. Hawkesbury, Twp. of	514	Bridges	25,000 00	A-808
Sturgeon Falls, Town of	618	Waterworks improvements, etc.	26,252 76	A-815
Morrisburg, Village of	488	High School purposes	10,000 00	A-817

TOWNS, ERECTED INTO CITIES

(Section 20 of "The Consolidated Municipal Act, 1922")

TOWNSHIPS—SEPARATION OF JUNIOR FROM UNION OF

(Section 30 (2) of "The Consolidated Municipal Act, 1922")

TARIFF OF BOARD'S FEES

Amendment to..... A-441

UNEMPLOYMENT—WORKS AND MEASURES TO RELIEVE
Approval under 12 Geo. V (1922), chapter 41, section 4

(POLICE) VILLAGES—FORMATION OF
(Section 502 (3) and 504a of "The Consolidated Municipal Act, 1922")

VILLAGES ERECTED INTO TOWNS
(Section 20 of "The Consolidated Municipal Act, 1922")

WARDS—DIVISION OF CITY, ETC., INTO
(Section 44 of "The Consolidated Municipal Act, 1922")

North Bay, City of—Division of into Five Wards.....	Procedure File A-805
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WATERWORKS

Municipality	By-law No.	Purpose	Procedure File
York, Township of.....	8314	12-inch main, Beechborough Avenue, Water-works Section "A".....	A-375
Oshawa, City of.....	1777	Water Mains, \$24,580.....	A-389
Etobicoke, Township of..	1980	Extension Water Area No. 7.....	A-534
Etobicoke, Township of..	1995	Extension Water Area No. 9.....	A-626
Etobicoke, Township of..	2028	Extension Water Area No. 4.....	A-639
Etobicoke, Township of..	2035	Extension Water Area No. 7.....	A-724
Etobicoke, Township of..	2063	Extension Water Area No. 11.....	A-827

WATER RATES—INCREASE IN

WEIGH SCALES, AND WEIGHING OF COAL
(Section 401 of "The Consolidated Municipal Act, 1922")

Hamilton, City of—Approval of By-law 3343, amending By-law No. 14—weighing of coal.....	Procedure File A-663
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WORKS ORDERED BY DOMINION AND ONTARIO RAILWAY BOARDS
(Section 289 (2) (f) of "The Consolidated Municipal Act, 1922")

PLANS OF LAND SUBDIVISIONS

Approved by the Board under "The Planning and Development Act," "The Land Titles Amendment Act, 1917," and "The Registry Act."

Owner	Description	Procedure File
Arnold, William.....	Part Lot 9 (west half), Con. 2, Tp. Verulam, Co. Victoria.....	A-745
Hartley, James Thos.....	Lot 38, Love's Survey, Howdenvale, Tp. of Albermarle, Co. Bruce.....	A-560
Bierwagon, Ferdinand.....	Part Lot "D," John Hoffman's Survey, City of Kitchener, Waterloo Co.....	A-602
Carruthers, John Bell, Estate of...	Part of Farm Lot 21, Ellerbeck, Farm Survey, Reg. Plan B-31, City of Kingston.....	A-634
Canadian National Realities, Ltd...	Park Lot 130, Plan M-60, addition to Townsite of Hornepayne (Land Titles Act).....	A-855
Dunnart, W. H.....	Part Lot No. 4, German Company Tract, in the City of Kitchener and partly in Tp. Waterloo...	A-453
Dominion Builders' Supplies, Ltd..	Part Lot 4, Reg. Plan 326, Village of Forest Hill, Tp. and Co. of York.....	A-519
Duffy, Wilfred.....	Part Lots D and E, City of Toronto, Plan 313, Registry Office of West Toronto.....	A-525
Epplett, Richard N. (Trustee for owner).....	Part east half Lot 24, Con. 3, Tp. of Mersea, Co. Essex.....	A-714
Fraser, J. W.....	Part Lot 8, S. Erb's Survey, City of Kitchener, Co. Waterloo.....	A-845
Gilson, Aaron.....	Parts Lot 5, Con. "A" and Lot 5, Con. "B," Tp. Mariposa, Co. Victoria.....	A-373
Harper <i>et al.</i> , Hannah E.....	Approval Plan Part Lot No. 13, Con. 8, Village of Markham, Tp. Markham.....	A-361
Hopkins, Mabel E.....	Re-subdivision of Lots 12, 13 and 14, Plan 632, City of Niagara Falls, Co. Welland.....	A-369
Harrison, R. W.....	Lots 159 and 160, Reg. Plan M. 257, Land Titles Office, Toronto (redivision).....	A-437
Harrison, R. W.....	Lots 19 to 22 and Part Lots 18 and 23, Reg. Plan 806 (York), and part 1 foot reserve, Plans 756 and 806 (York), Toronto.....	A-438
Hudson's Bay Co.....	Part Lot 13, Con. 2, Tp. Nipigon, Dist. Thunder Bay (into acreage lots).....	A-584
Harris, Minnie and Gordon.....	Part Lot "C," Reg. Plan 500, Co. York, Town of Weston.....	A-627
Hill, John.....	Part Lots 14 and 15, 1st Con., Tp. Wainfleet, Co. Welland.....	A-681
Kitchener, City of.....	Approval By-law 1896, further amending its Zoning By-law No. 1823, as amended by 1834 and 1835.....	A-410
Kronenberg, Chas B.....	Part Lot 29, Con. 11 (Parcel 4094), Tp. Baxter, Dist. Muskoka.....	A-751
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Wellesley Municipal Telephone System	Vs. Edward Kroehling—Determination of validity of special rate levied on respondent's property	A-879
West Williams Rural Telephone Association	Approval of agreement for interchange of service with the Falkirk Telephone Co., Ltd., etc.	A-897
Walsingham Telephone Co., Ltd.	Approval of agreement for interchange of service with the Houghton & Bayham Telephone Co., Ltd.	A-900
Yarmouth, Township of	Approval of By-law No. 1066—Use of high-ways to the Malahide & Aylmer Telephone Co., Ltd	A-749

LIST OF BELL TELEPHONE AGREEMENTS APPROVED BY THE BOARD UNDER SECTION 82 OF "THE ONTARIO TELEPHONE ACT, 1918"

EXCHANGE AND TOLL LINE AGREEMENTS	Procedure File
Alnwick Rural Telephone Co., Ltd.	A-641
Blyth Municipal Telephone System.	A-697
Blanshard Municipal Telephone System.	A-716
Blyth Municipal Telephone System.	A-824
Bon Echo Long Distance Telephone Line.	A-825
Coldwater Municipal Telephone System.	A-547
Coldstream Telephone System.	A-763
Chinguacousy Municipal Telephone System.	A-831
Canadian Explosives, Ltd.	A-891
Dummer Municipal Telephone System.	A-644
East Luther Telephone Co., Ltd.	A-493
Erin Municipal Telephone System.	A-523
Gillies Telephone System.	A-645
Green Telephone System.	A-838
Harvey Municipal Telephone System.	A-649
Home Telephone Co., Ltd.	A-661
Haldimand Municipal Telephone System.	A-699
Ingersoll Telephone Co., Ltd.	A-766
Muskoka & Parry Sound Telephone System.	A-717
Noisy River Telephone Co., Ltd.	A-551
Nissouri Telephone Co., Ltd.	A-778
New Dundee Rural Telephone Co., Ltd.	A-873
Plummer, Aberdeen & Galbraith Rural Telephone Association, Ltd.	A-47
Pefferlaw Telephone System, Ltd.	A-608
Port Hope Telephone Co., Ltd.	A-847
Princeton & Drumbo Telephone Co., Ltd.	A-862
People's Mutual Telephone Co., Ltd.	A-866
Sebright Telephone Co., Ltd.	A-418
Sunderland Telephone Co., Ltd.	A-624
Sandwich South Municipal Telephone System.	A-643
South Norfolk Telephone Co., Ltd.	A-726
Sandwich South Municipal Telephone System.	A-781
St. Joseph Island Telephone Co., Ltd.	A-856
Tay Municipal Telephone System.	A-647
Wellesley Municipal Telephone System.	A-846

SERVICE STATION AGREEMENTS

Alice Telephone Co., Ltd.	A-518
Arran No. 1 Telephone Co., Ltd.	A-546
Ayr Rural Telephone Co., Ltd.	A-770
Arran, Township of.	A-888
Balaclava Telephone Co., Ltd.	A-494
Ben Allen Telephone Co., Ltd.	A-495
Bognor Telephone Co., Ltd.	A-496
Belmont Municipal Telephone System.	A-640
Bethal Rural Telephone Line.	A-653
Centre Road Telephone Co., Ltd.	A-497
Chatsworth Rural Telephone Association.	A-705
Coldstream Telephone System.	A-763
Chinguacousy Municipal Telephone System.	A-831
Derby Telephone Co., Ltd.	A-498
Doane Telephone System.	A-545
Desboro Telephone Co., Ltd.	A-690
Euphrasia Municipal Telephone System.	A-433
Edgar (Robert Henry) Telephone Co., Ltd.	A-651
Ecclestone, E. J. (Fairypoint Telephone Line).	A-718
Fenelon Falls Rural Telephone Co., Ltd.	A-365
Fifth Line Telephone Co., Ltd.	A-499
Glen Eden Telephone Co., Ltd.	A-510
Goderich Municipal Telephone System.	A-539
Hoath Head & Gray Telephone Co., Ltd.	A-500
Haldimand Municipal Telephone System.	A-699
Henderson (Dr.) Telephone Co., Ltd.	A-786
Hogg & Lytle, Ltd.	A-788
Jackson Telephone Co., Ltd.	A-501

LIST OF BELL TELEPHONE AGREEMENTS APPROVED BY THE BOARD UNDER SECTION 82 OF "THE ONTARIO TELEPHONE ACT, 1918"—Continued

	Procedure File
Kemble-Sarawak Telephone Company, Ltd.....	A-502
Keward Rural Telephone Association.....	A-691
Leith & Annan Telephone Co., Ltd.....	A-503
Montreal (Ontario) Telephone Co., Ltd.....	A-427
Montague Centre Rural Telephone Co., Ltd.....	A-452
Maple Leaf Telephone Co., Ltd.....	A-504
Mond Nickel Company Private Line.....	A-615
Muskoka & Parry Sound Telephone System.....	A-717
Mount Albert Telephone Co., Ltd.....	A-771
McKillop Municipal Telephone System.....	A-490
North Wellington Telephone Co., Ltd.....	A-479
North Renfrew Telephone Co., Ltd.....	A-652
Oldfields Telephone Line.....	A-654
Point Mara Telephone Co., Ltd.....	A-428
Pleasant View Telephone Co., Ltd.....	A-505
Provincial Air Service Private Line.....	A-616
Perry Telephone System (Fred A. Perry).....	A-812
Ryde Municipal Telephone System.....	A-698
Ravenscliffe Telephone Co., Ltd.....	A-720
Silcote Telephone Co., Ltd.....	A-506
South Diagonal Telephone Co., Ltd.....	A-507
Sydenham Union Telephone Co., Ltd.....	A-508
Salkeld Telephone System.....	A-526
Tuckersmith Municipal Telephone System.....	A-489
Udney Telephone Co., Ltd.....	A-429
Union Telephone Co., Ltd.....	A-729
Woodford Telephone Co., Ltd.....	A-509
Widdifield Municipal Telephone System.....	A-706
White, J. W.....	A-719

TARIFF OF FEES

TARIFF OF FEES PAYABLE IN CASH UNDER SECTION 62 OF "THE ONTARIO RAILWAY AND MUNICIPAL BOARD ACT"

For copy of any Document, 10 cents for each 100 words and 50 cents for each Certificate.

For copy of any map or plan, applicants are to pay draughtsman's and engineer's fees for same and 50 cents for each Certificate.

In contentious matters requiring a hearing there shall be paid in Law Stamps the sum of \$15.00 for each day or fraction thereof over one-half day, and the sum of \$10.00 for each half day or less occupied by or in connection with the hearing, and \$1.00 on each original subpoena.

IN CASES IN WHICH THERE IS NO OPPOSING PARTY

On order, under Section 295 of "The Municipal Act," validating a By-law and Debentures the following sums shall be paid in Law Stamps:

These fees shall be payable on each group of four By-laws (grouped by serial numbers), consolidated under "The Local Development Act."

	Law Stamps
Where the issue of Debentures amounts to \$10,000 or less.....	\$15 00
Over \$10,000 and up to \$15,000.....	20 00
“ \$15,000 “ \$20,000.....	25 00
“ \$20,000 “ \$25,000.....	30 00
“ \$25,000 “ \$30,000.....	35 00
“ \$30,000 “ \$40,000.....	40 00
“ \$40,000 “ \$50,000.....	45 00
“ \$50,000 “ \$60,000.....	50 00
“ \$60,000 “ \$70,000.....	55 00
“ \$70,000 “ \$80,000.....	60 00
“ \$80,000 “ \$90,000.....	65 00
“ \$90,000 “ \$100,000.....	70 00
“ \$100,000 “ \$110,000.....	75 00

TARIFF OF FEES—Continued

	Law Stamps
Over \$110,000 and up to \$120,000.....	\$80 00
“ \$120,000 “ \$130,000.....	85 00
“ \$130,000 “ \$140,000.....	90 00
“ \$140,000 “ \$150,000.....	95 00
“ \$150,000 “ \$160,000.....	100 00
“ \$160,000 “ \$170,000.....	105 00
“ \$170,000 “ \$180,000.....	110 00
“ \$180,000 “ \$190,000.....	115 00
“ \$190,000 “ \$200,000.....	120 00
“ \$200,000 such sum as the Board may order or direct.	

The following sums shall be paid in Law Stamps on the following Orders:

On Order for approval of By-law for work ordered by Dominion or Ontario Railway Board. Mun. Act, Sec. 289 (f).....	\$10 00
On Order for approval of By-law for extension of Waterworks or Electric Light or Gasworks, etc. Mun. Act, Sec. 400 (3).....	10 00
On Order for approval of Sinking Fund Investment By-law. Mun. Act, Sec. 303.....	5 00
On Order for approval of Extension of Debenture Issue Period. Mun. Act, Sec. 288 (9).....	5 00
On Order for approval of By-law increasing the rate of interest on debentures. Mun. Act, Sec. 291.....	5 00
On Order for approval of Bridge Construction By-law. Mun. Act, Sec. 289 (e).....	5 00
On Order extending the time to pass a By-law. 7 Geo. V, Chap. 33, Sec. 7.....	5 00
On Order approving Municipal Fuel By-law. 7 Geo. V, Chap. 42, Sec. 12 (2).....	5 00
On Order approving Railway Company's Public By-laws and Rules.....	2 00
On Order approving Railway Company's Tolls and Tariffs.....	2 00
On Order approving Railway Fenders. Sec. 253 of "The Ontario Railway Act".....	5 00
On Order approving Railway Company's Examiner of Motormen.....	1 00
On approval of a Plan under "The Planning and Development Act." (8 Geo. V, Chap. 38).....	5 00
On approval of a Deed, etc., under "The Planning and Development Act".....	2 00
On approval of a Plan under "The Ontario Railway Act".....	5 00
On Orders not included in the above list, such sums as the Board may order or direct.	

Tariff of Fees Payable in Law Stamps under "The Ontario Telephone Act, 1918"

ON ORDER

Approving Connecting Agreement with The Bell Telephone Company of Canada, Limited; under Section 82.....	\$5 00
Approving Connecting Agreement between telephone systems within the jurisdiction of Ontario; under Section 82.....	2 00
Approving Municipal By-law granting the use of highways; under Section 67.....	1 00
Approving Municipal By-law providing for the establishment or extension of telephone systems; under Section 13.....	5 00
Granting the use of highways in unorganized townships; under Section 71.....	2 00
Authorizing the extension of telephone system established pursuant to Section 13, into unorganized townships; under Section 12.....	5 00
Extending the period within which debenture By-law to cover the cost of establishing telephone systems pursuant to Section 13, may be passed under Section 19.....	5 00
Authorizing the passing of By-laws extending the period for repayment of debentures to cover the cost of telephone system established pursuant to Section 13, beyond 10 years; under Section 20.....	10 00
Authorizing the passing of By-law providing for the issue of new debentures to provide for the payment of a portion of the principal of the original debentures falling due in any year; under Section 23.....	5 00
Authorizing the removal of signatures from a petition praying for the establishment of a telephone system pursuant to Section 13; under Section 7.....	2 00
Authorizing a company to issue additional stock or bonds; under Section 94.....	5 00
Authorizing a company to expend a portion of its Depreciation Reserve in new construction, etc.; under Section 93.....	5 00
Approving regulations to prevent the misuse of system by subscribers; under Section 95.....	2 00
On any Order not included in the above list such sums as the Board may order or direct.	

The above fees to apply only in cases not requiring a hearing.

In contentious matters requiring a hearing: \$15 for each day or fraction thereof over one half-day, and \$10 for each half-day or less occupied in connection with the hearing.

Where inquiry is made by the Board's expert, \$10 for each day or fraction thereof over one half-day, and \$5 for each half-day or less occupied in connection with such enquiry.

THE FOLLOWING GIVES A BRIEF SUMMARY OF THE EXTENSIONS AND IMPROVEMENTS MADE TO THE RAILWAYS UNDER PROVINCIAL JURISDICTION DURING THE YEAR 1926

BUFFALO AND FORT ERIE FERRY AND RAILWAY COMPANY

It is reported by this company that during the period ending December 31st, 1926, they did not make any track extensions.

During the same period they also report that they did not make any expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc.

CORNWALL STREET RAILWAY, LIGHT AND POWER COMPANY, LIMITED

During the year ending 31st December, 1926, this company report that they constructed a more direct route to the N.Y.C. Railway Station, 1,400 feet long, costing \$6,500.00, which reduced the length of the main track from four and a quarter to four miles.

They also report that during the same period they made a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, and on any other improvements required, of \$12,964.96.

FORT WILLIAM ELECTRIC RAILWAY

It is reported by this company that during the year ending 31st December, 1926, they did not make any extensions to track.

It is also reported that during the same period they made a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$48,407.81.

GUELPH RADIAL RAILWAY

The Hydro-Electric Power Commission of Ontario report that during the period December 31st, 1925 to December 31st, 1926, this company did not make any extension to track.

They also report that during the same period they made a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$11,857.50.

THE HAMILTON STREET RAILWAY COMPANY

During the year ending 31st December, 1926, it is reported that this company did not make any extensions to track.

It is also reported that they made a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$123,703.07.

THE HAMILTON AND DUNDAS STREET RAILWAY COMPANY

It is reported that there were no extensions made to track, and no expenditure on track improvements, rolling stock, buildings, machinery, etc., during the year ending 31st December, 1926, as the railway is not being operated.

THE HAMILTON, GRIMSBY AND BEAMSVILLE RAILWAY COMPANY, LIMITED

It is reported by this company that during the year ending 31st December, 1926, they did not make any extensions to track. It is also reported that during the same period they did not make any expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc.

THE HAMILTON AND BARTON INCLINE RAILWAY COMPANY

This company report that during the year ending 31st December, 1926, they did not make any extensions to track.

They also report that during the same period they did not make any expenditure on track improvements, overhead structure, rolling stock, machinery, etc.

HUNTSVILLE AND LAKE OF BAYS RAILWAY COMPANY

During the year ending December 31st, 1926 this company report that they did not make any extensions to track.

They report during the same period a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$604.38.

HYDRO-ELECTRIC RADIAL RAILWAY (Essex Division)
(Sandwich, Windsor and Amherstburg Railway)

During the year ending December 31st, 1926, it is reported that there was an extension made to track of 2.21 miles, at a cost of \$189,400.79.

They also report a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$561,301.72. (In giving these figures they state that the books are not closed for the year.)

THE INTERNATIONAL RAILWAY COMPANY (Niagara Falls Park and River Division)

This company report that during the year ending December 31st, 1926, they did not make any extensions to track.

They report, however, a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$5,580.24.

THE INTERNATIONAL TRANSIT COMPANY

It is reported by this company that during the year ending 31st December, 1926, they did not make any extensions to track.

It is also reported that they did not make any expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., during the same period.

KINGSTON, PORTSMOUTH AND CATARAQUI ELECTRIC RAILWAY COMPANY

This company report that during the year ending December 31st, 1926, they did not make any extensions to track.

They also report that during the same period they did not make any expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., except for repairs only.

KITCHENER-BRIDGEPORT STREET RAILWAY

During the year ending December 31st, 1926, it is reported by the Public Utilities Commission of Kitchener that there were no extensions to track.

They also report during the same period a total expenditure made on track improvements, overhead structure, rolling stock, machinery, etc., of \$610.22, and that they sold land and old car barn for \$719.16.

KITCHENER-WATERLOO STREET RAILWAY

The Public Utilities Commission of Kitchener report that during the year ending 31st December, 1926, they installed a new Steel Diamond, of which they paid half the cost amounting to \$821.93.

They also report that during the same year they made a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$1,145.70.

LAKE HURON AND NORTHERN ONTARIO RAILWAY

It is reported that during the year ending 31st December, 1926, this company did not make any extensions to track. It is also reported that during the same period they did not make any expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc.

THE LONDON STREET RAILWAY COMPANY

This company report that during the year ending 31st December, 1926, they did not make any extensions to track.

They, however, report that during the same period they made a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$27,291.01.

THE MIDLAND SIMCOE RAILWAY COMPANY

During the period December 21st, 1925, to December 31st, 1926, it is reported that this company did not make any extensions to track. It is also reported that during the same period they did not make any expenditure on track improvements, overhead structure, rolling stock, etc.

MOUNT MCKAY AND KAKABEKA FALLS RAILWAY COMPANY

During the year ending December 31st, 1926, this company report that they did not make any extensions to track.

They also report that they did not make any expenditure on track improvements, overhead structure, rolling stock, etc., for the reason that the line was leased to the City of Fort William from August 3rd, 1923, for a period of five years.

NIAGARA PENINSULAR RAILWAY

During the period December 31st, 1925, to December 31st, 1926, it is reported that this company did not make any track extensions, nor did they make any expenditure on track improvements, overhead structure, rolling stock, buildings, etc., during the same period.

PETERBOROUGH RADIAL RAILWAY

The Hydro-Electric Power Commission of Ontario report that during the period ending December 31st, 1926, they did not make any extensions to track of the above railway.

The Commission, however, report that during the same period there was a total expenditure made on track improvements, overhead structure, rolling stock, buildings, etc., of \$266.43.

PORT ARTHUR MUNICIPAL RAILWAY

The Port Arthur Public Utilities Commission report that during the year ending 31st December, 1926, there were no extensions made to the track of this railway, and that during the same period there was no expenditure made on track improvements, overhead structure, buildings, machinery, etc.

SARNIA STREET RAILWAY COMPANY, LIMITED

During the year December 31st, 1925, to December 31st, 1926, this company report that they did not make any extensions to track.

However, they report that during the same period they made a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$4,977.02.

ST. THOMAS MUNICIPAL STREET RAILWAY

During the year 1926 the St. Thomas Municipal Street Railway ceased operation (February 15th, 1926), and a private company commenced the operation of a bus line in the City of St. Thomas. There is therefore nothing to report in this matter for the period December 31st, 1925, to December 31st, 1926.

SUDBURY-COPPER CLIFF SUBURBAN ELECTRIC RAILWAY

During the year ending 31st December, 1926, this company report that they did not make any extensions to track. They also report that during the same period they did not make any expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

It is reported by the Temiskaming and Northern Ontario Railway Commission that during the year ending 31st December, 1926, they did not make any extensions to the track of this railway.

They also report that during the same period they made an expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$764,454.31.

THE THURLOW RAILWAY COMPANY

During the year ending December 31st, 1926, this company report that they made an extension to track of 1.9 miles at a cost of \$43,515.89.

They report that during the same period they did not make any expenditure on track improvements, overhead structure, rolling stock, buildings, etc.

THE TORONTO TRANSPORTATION COMMISSION

It is reported by this Commission that during the year December 31st, 1925, to December 31st, 1926, they made an extension to track of 1.561 miles at a cost of \$140,000.

They also report that during the same period they made a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of \$780,000.

THE TORONTO AND YORK RADIAL RAILWAY

It is reported by the Hydro-Electric Power Commission of Ontario that during the year ending December 31st, 1926, there were no extensions made to the track of this railway.

It is also reported that during the same period they did not make any expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., but that they had a credit of \$2,555.62.

TOWNSHIP OF YORK RAILWAYS

During the year ending December 31st, 1926, it is reported that these railways did not have any extensions made to track.

It is also reported that during the same period they did not make any expenditure on track improvements, overhead structure, rolling stock, buildings, etc.

NOTE:—The Township of York Railways are under the management of the Toronto Transportation Commission. The Commission report that included in the report of the Township of York Railways is the line amounting to 1.76 miles of single track owned by the Town of Weston and operated by the Toronto Transportation Commission in conjunction with the Weston Road line owned by the Township of York.

WENTWORTH INCLINE RAILWAY, LIMITED
(Formerly the Hamilton, Mountain Park Co., Ltd.)

This company report that during the period December 31st, 1925, to December 31st, 1926, they did not make any extensions to track. They also report that during the same period they did not make any expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc.

ELECTRIC, STEAM AND INCLINE RAILWAYS UNDER PROVINCIAL JURISDICTION, YEAR ENDING 31st DECEMBER, 1926

No.	Name of Railway	Length of road first main track	Length of road second main track	Total main track	Length of sidings and turnouts	Total computed as single track	Length under construction	No. Power Houses		Remarks
								Steam	Water	
*1	Buffalo & Fort Erie Ferry & Railway Company	2.71		2.71	.89	3.60	miles			
2	Cornwall Street Ry., Light & Power Co., Ltd.	4.		4.	2.	6.			1	
3	Fort William Municipal Ry.	4.935		24.630	.800	25.430				Power purchased from the Hydro-Electric Power Commission of Fort William.
†4	Guelph Radial	8.49		8.49	1.56	10.05				Power purchased from Board of Light and Heat Commission of Guelph.
5	Hamilton Street	18.	16.3	34.3		34.3				Power purchased from the Hamilton Cataract Power, Light & Traction Co., Ltd.
6	Hamilton and Dundas	5.85	.20	6.05	1.60	7.65				This railway is not at present being operated.
7	Hamilton, Grimsby & Beamsville Electric	22.6		22.6	3.6	26.2				Power purchased from the Hamilton Cataract Power, Light & Traction Co., Ltd., substations at Grimsby and Stoney Creek.
*8	Hamilton & Barton (Incline)	.12	.12	.24		.24			1	
*9	Huntsville and Lake of Bays	1.45		1.45	.31	1.76				
†10	Hydro-Electric Radial, Essex Division (S.W. & A. Ry.)	40.928	11.986	52.914	3.598	56.512				Power purchased from Hydro-Electric Power Comm. of Ontario.
11	International (Niagara Falls Park & River Division)	11.914	11.202	23.116	1.359	24.475			1	
12	International Transit	3.80	1.17	4.97	.09	5.06				Power purchased from the Great Lakes Power Co., Ltd.
13	Kingston, Portsmouth & Cataraqui Electric	6.	2.	8.		8.				Power purchased from the City of Kingston.
14	Kitchener-Bridgeport Street Railway	2.25		2.25	.10	2.35				Power purchased from Kitchener-Waterloo Street Railway.

15	Kitchener - Waterloo Street Railway.....	4.30	2.86	7.16	.84	8.	Power purchased from the Hydro-Electric Power Commission.
*16	Lake Huron & Northern Ontario Railway.....	16.		17.	1.	17.	Not in operation at present.
17	London Street Railway.....	26.73	7.64	34.37	.98	35.35	Power purchased from the Hydro-Electric Power Commission.
*18	Midland Simcoe Ry. Co.....	2.		2.	3.	5.	
19	Mount McKay & Kakabeka Falls.....	5.		5.	1.50	6.50	Line leased to City of Fort William in 1923 for 5 years.
*20	Niagara Peninsular.....	3.325		3.325	2.115	5.440	Power purchased from Hydro-Elec.
†21	Peterborough Radial Railway.....	6.65		6.65	.96	7.61	Power Comm. of Ontario.
22	Port Arthur Municipal Ry.....	13.26	6.10	19.36	1.04	20.40	Power purchased from Hydro-Elec. Power Commission through Port Arthur Public Utilities Comm.
23	Sarnia Street Ry. Co., Ltd.....	4.50	4.50	9.	.25	9.25	One Hydro-Electric power station. Power purchased from Sarnia Hydro-Electric System.
24	St. Thomas Street (Municipal).....						This railway ceased operation Feb. 15, 1926, and private companies commenced the operation of a 'bus line.
25	Sudbury-Copper Cliff Suburban Electric.....	7.9		7.9		7.9	Power purchased from Wahnapiatae Power Co.
*26	Temiskaming & Northern Ontario Railway.....	388.5	1.7	390.2	128.23	520.13	Steam power house at North Bay. Power purchased from Hydro-Elec. Power Comm. and Northern Ontario Light & Power Co.; power for Nipissing Central Ry.
*27	Thurlow Railway.....	2.671		2.671	4.666	7.337	
28	Toronto Transportation Commission.....	102.965	95.113	198.078	30.714	228.792	Power purchased from Toronto Hydro-Elec. System.
†29	Toronto & York Radial.....	80.029	1.315	81.344	14.074	95.418	Power purchased from Hydro-Elec. Power Comm. of Ontario.
x30	Township of York Railways.....	9.253	6.002	15.255	.228	15.483	Power purchased from Toronto Transportation Commission.

ELECTRIC, STEAM AND INCLINE RAILWAYS UNDER PROVINCIAL JURISDICTION, YEAR ENDING 31st DECEMBER, 1926

No.	Name of Railway	Length of road first main track	Length of road second main track	Total main track	Length of sidings and turnouts	Total computed as single track	Length under construction	No. Power Houses		Remarks
								Steam	Water	
‡31	Wentworth Incline Railway, Ltd.	miles .14	miles .14	miles .28	miles	miles .28	miles .....	.....		Power purchased from the Hamilton Hydro-Elec. System. One electric power house, Mountain Top, Hamilton.
	Total	806.270	188.043	994.313	205.504	1,201.517	27	2	2	

‡Formerly Hamilton Mountain Park Co., Ltd.

†Operated by Hydro-Electric Power Commission of Ontario.

x(Included in this is 1.76 miles single track, owned by Town of Weston, and operated in conjunction with Weston Road Line) Township York Railways operated by T.T.C.

*Steam railways.

LONDON, 1926

Accidents on London Street Railway.
January 1st to December 31st, 1926.

	January	February	March	April	May	June	July	August	September	October	November	December	Totals.
Collisions with cars.....	Nil	Nil	Nil	Nil	Nil	Nil	Nil	2	1	Nil	Nil	Nil	3
Collisions with autos.....	17	27	52	33	10	40	25	35	45	53	39	47	423
Collisions with motorcycles and bicycles.....	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	1	1	Nil	Nil	3
Collisions with wagons.....	Nil	1	2	Nil	1	1	1	3	2	3	3	3	20
Boarding cars.....	1	2	2	1	Nil	2	Nil	Nil	2	Nil	Nil	1	11
Alighting from cars.....	2	3	2	Nil	1	6	4	2	3	1	1	2	27
Derailment of cars.....	Nil	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	Nil	1	2
Miscellaneous.....	4	5	2	1	1	7	5	8	1	2	5	3	44
Total all accidents.....	24	38	60	36	13	57	35	50	55	60	48	57	533
Personal injuries, all degrees:													
To passengers.....	3	4	6	Nil	2	9	3	9	3	Nil	1	3	43
To others.....	Nil	1	Nil	1	Nil	2	1	1	1	2	2	1	12
Total.....	3	5	6	1	2	11	4	10	4	2	3	4	55
Fatal accidents:													
To passengers.....	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
To others.....	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	1
Total.....	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1	Nil	Nil	Nil	Nil	1

INDEX TO RAILWAY LEGISLATION

(List No. 2)

The following Index has been made with the object of continuing in chronological order all the legislation passed by both Dominion and Provincial Governments since 1867, affecting railways situated wholly or partially within the Province of Ontario.

"List No. 2" was commenced on page 272 of our Ninth Annual Report (1914), and is continued on page 131 and following pages of our Annual Report, 1924, and on page 162, 1925, and in the following list up to and inclusive of 1926:

	Cap.	Year.
HALIBURTON, WHITNEY AND MATTAWA RAILWAY COMPANY:		
Ontario Statute.....	109	1926
An Act to extend time for completion.		
INTERNATIONAL TRANSIT COMPANY:		
Ontario Statute (See Schedules I & A).....	93	1926
Act respecting City of Sault Ste Marie.		
LONDON STREET RAILWAY COMPANY:		
Ontario Statute (See Section 6).....	88	1926
See Act respecting City of London.		
MIDLAND SIMCOE RAILWAY COMPANY:		
Ontario Statute.....	110	1926
Act respecting.		
MOUNT MCKAY AND KAKABEKA FALLS RAILWAY COMPANY:		
Ontario Statute.....	111	1926
Act respecting.		
SARNIA STREET RAILWAY COMPANY:		
Ontario Statute (Section 2).....	92	1926
Act respecting City of Sarnia.		
TORONTO RADIAL RAILWAYS ACT:		
Ontario Statute.....	113	1926
Transfer of the Hydro-Electric Radial Railways to the City of Toronto. (See Dominion Statute, Section 2, Chap. 81, 1900.)		
TORONTO TRANSPORTATION COMMISSION:		
Ontario Statute.....	99	1926
(Beck Memorial Fund \$10,000). See Act respecting City of Toronto.		
Ontario Statute.....	105	1926
See Act respecting Town of Weston, the Township of York, and this Commission.		
Ontario Statute.....	113	1926
An Act authorizing certain transfers of the Hydro-Electric Radial Railways		
WELLAND AND PORT COLBORNE RAILWAY COMPANY:		
Ontario Statute.....	112	1926
An Act to incorporate.		

Note:—There were no Dominion Acts passed affecting Ontario in the year 1926.

F O R M S

FORM THAT MAY BE USED IN CONNECTION WITH THE EXAMINATION OF MOTORMEN

Name of City or Town.

192

NAME OF RAILWAY

This is to certify that, acting under The Ontario Railway Act, 1914, R.S.O., chapter 185, section 263, I have fully examined the..... who is..... years of age and..... feet..... inches high, weighs..... lbs., complexion....., as to his fitness as a motorman, that the said..... is of steady habits, and is in physical ability, intelligence and general knowledge of, and experience in, this work qualified to act as motorman on any electric motor car of said Company.

I have been duly appointed an examiner under the said Act, my appointment being dated

Name..... Examiner.

FORM TO BE USED BY COMPANIES IN REPORTING ACCIDENTS

ACCIDENTS: Regulations Under and in Pursuance of Sections 274 and 279 of "The Ontario Railway Act, 1914." R.S.O., Chapter 185.

ACCIDENTS.—Every company upon the happening of an accident shall give to the Ontario Railway and Municipal Board notice thereof in writing by delivering the same at the office of the Board in the City of Toronto or by mailing it, postage prepaid, in a registered letter addressed to the Board.

Such notice shall contain a statement signed by a duly authorized officer of such company, setting forth the information and particulars hereinafter mentioned.

Such statement shall be divided into paragraphs, each of which shall include and refer to one (or one group) only of the numbered particulars hereinafter mentioned, and the paragraph referring to each respective numbered particular shall bear the number corresponding to the number hereinafter given for each such particular.

The numbers of paragraphs and the particulars to which each shall refer as aforesaid, are as follows:—

1. Name or names of company or companies concerned in accident.
2. Numbers of train, engine, car or motor.
3. Date and time of accident.
4. Nature of accident.
5. Exact location.
6. Name in full, address and legal addition of each person injured or killed.
7. Age.
8. Married or single.
9. Passenger, employee or other.
10. If employee, length and nature of service with dates and periods of different occupations (if more than one).
11. If employee, character, experience, skill and fitness with respect to occupation at time of accident.
12. How engaged at time of accident, and how long on duty.
13. Cause of accident, how same occurred, with full particulars and details, and diagram if required.
14. Persons in charge, with full names, addresses and the particulars referred to in paragraphs 10, 11 and 12.
15. Result to person and particulars of injury.
16. Result to property, including amount of damage.
17. Names and addresses of all persons present at, or eye-witnesses of, the accident.
18. What investigation (if any), and result of same.
19. Verdict (if any).

The Board reserves the right to require such further and other details, particulars, maps, plans, profiles, documents, models and information or illustration of any kind as to the nature of the accident and a full understanding thereof may suggest or require.

In pursuance of sections 274 and 279 of said Act, the Board declares that all such information so given in pursuance of this regulation shall be privileged.

Signature of Officer.

N.B.—Give name of officer who fills out this report.

REGULATIONS

REGULATION AS TO HEIGHT OF CAR STEPS

Under and in pursuance of a certain order of the Board bearing date the 2nd day of June, A.D. 1909, The Ontario Railway and Municipal Board made the following regulations:

The steps on all cars hereafter constructed and used by The Toronto Railway Company and all other street and electric railways under the jurisdiction of this Board shall have steps conforming to the following regulations:

On closed single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches.

On closed double truck cars the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches.

On open single truck cars the height of the first step above the ground shall be not less than twelve nor more than fifteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and nine inches respectively.

On open double truck cars, the height of the first step above the ground shall be not less than fourteen nor more than sixteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and fourteen inches respectively.

REGULATION RE DRINKING WATER ON PASSENGER CARS

Every Electric Railway Company in Ontario, subject to the jurisdiction of the Board, shall provide in each passenger car which runs 20 miles or more, a suitable receptacle for water with a cup or drinking utensil attached upon or near such receptacle, and shall keep such receptacle, while the car is in use, constantly supplied with cool drinking water for the use of passengers and the conductor and motorman in charge of such car.

This regulation shall not apply to street railways in towns or cities.

Dated at Toronto this 24th day of June, 1909.

(Sgd.) JAMES LEITCH,
Chairman.

(Sgd.) A. B. INGRAM,
Vice-Chairman.

(Sgd.) H. N. KITTSON,
Commissioner.

CANADIAN NATIONAL AND ONTARIO SAFETY LEAGUES, 1926

The Ontario Railway and Municipal Board is of the opinion that it should give its share of publicity in its Annual Report to some of the work done by these two Safety Leagues, as their success in preventing accidents largely depends upon the amount of publicity given to their energetic work.

CANADIAN NATIONAL SAFETY LEAGUE

The Annual Luncheon meeting of the Canadian National Safety League was held at the King Edward Hotel, Toronto, on February 15th, 1927.

In presenting our report for 1926, the eighth year of the Canadian National Safety League, it is a pleasant duty to thank the Dominion Government for their grant to assist in our campaign.

Up to the time of this report, five provinces, namely, Province of Quebec, the three Maritime Provinces—New Brunswick, Nova Scotia and Prince Edward Island—and the Province of Manitoba, exclusive of Ontario, had been organized for safety work as members of the Canadian National Safety League. In addition to these provincial leagues, general safety work has been spread all over the country.

The Province of Quebec Safety League, continuing the good work and securing finances locally, may be regarded as established. They have inaugurated an active campaign throughout the Province, and among the public generally.

The unsettled industrial conditions in the Maritime Provinces have made it necessary for us to continue the financial aid to the Maritimes Safety League (covering the Provinces of New Brunswick, Nova Scotia and Prince Edward Island).

The Manitoba Safety League, with headquarters at Winnipeg, is operating through the support of the Canadian National Safety League and we hope that in the near future it will be, at least to a certain extent, self supporting.

The provinces of Alberta, British Columbia and Saskatchewan have not been neglected from the safety standpoint, in so far as they can be reached from our head office in Toronto, and we now feel that British Columbia is ready for a safety organization to cover its provincial requirements.

ONTARIO SAFETY LEAGUE

The thirteenth Annual Report was presented also at the Annual Luncheon meeting, held in the King Edward Hotel, Toronto, on February 15th.

Nineteen twenty-six was a remarkable year in the history of the League. More money was collected and spent than in any past year, and in making this statement we wish to acknowledge the support and co-operation of many organizations and individuals throughout the entire Province.

Our thanks are due the Government of the Province of Ontario, Ontario Railway and Municipal Board, Workmen's Compensation Board, and other Governmental Departments; Municipalities of Toronto, Hamilton, Ottawa and London, Toronto Transportation Commission, Ontario Motor League, Boards of Education and Separate School Boards, Fire and Police Departments, Boards of Trade and Chambers of Commerce, District Labour Councils, Ontario College of Art, Ontario Optometrical Association, the Harbour Commissioners of Provincial cities, Industrial interests throughout the Province, Rotary and Kiwanis Clubs, Provincial and District Foresters, Chief Fire Rangers, the Canadian Pacific and Canadian National Railways, and all Railway Station Agents, Summer Hotels, Aquatic Clubs, Public Libraries, Principals and Teachers of the Schools, Safe workers in the industries, and numerous friends who have given of their time and money to assist our campaign of Accident and Fire Prevention.

The result of the efficient work continued by the Executive Committee throughout the year has been a steady growth of our campaign against accidents and as a tribute to the solid foundation made by the original charter members.

An outstanding feature of the campaign for 1926 was the School Safety work. Prior to the beginning of the aquatic and traffic seasons, the Chairmen of the Boards of Education and Separate School Boards of some twenty-three places were communicated with by mail and arrangements made with them to give safety talks, show motion pictures, distribute safety buttons and give demonstrations of Resuscitation from apparent death by drowning, electric shock, gaseous poisoning and lightning. In all of the cities visited except Toronto, Ottawa, Hamilton, London, Chatham and Windsor, the respective Chiefs of Police spoke to the school children assembled. In Toronto, Hamilton, Ottawa, London and Windsor, the Chief Traffic Officer spoke, and in Chatham the Chief of the Fire Department addressed the children. This work was started on April 26th in Toronto, and completed in Sarnia on June 25th, and did not interfere with the regular school work nor the examinations before the vacation. It may be significant in connection with our intensive school work for 1926 that 23 less children were killed from the automotive hazard alone than during 1925. In spite of an increase of 48,739 automotive vehicles during 1926 over 1925, the automotive fatalities for 1926 were 298, exactly the same as in 1925, for the Province of Ontario.

The following is a synopsis of the 1926 campaign of the Ontario Safety League:

1. The year 1926 completed the thirteenth year of the League's campaign in safety work.
2. During the year, over one million pieces of literature, etc., were distributed to School Children, Motorists, Street Car Men, Manufacturers and others, dealing with prevention of accidents and fires and asking their assistance and co-operation in the reduction of fatalities and lesser accidents from these hazards.
3. These bulletins were distributed in over six hundred cities, towns and villages in Ontario, and posted conspicuously in Railway Stations, Street Cars, Garages and public places.
4. Posters and signs dealing with the Traffic Hazard were erected in cities, towns and rural districts.
5. The Safety Essay Competition and the Drawing Contest were carried on as in former years, throughout the schools of Ontario, with largely increased entries in both contests.
6. Safety Calendars were distributed and posted prominently all over Ontario. These Calendars emphasized the necessity for Safety in Industry, Care in the Prevention of Fire, and dealt with the hazards of Street and Highway Traffic, Railroad Crossings, Aquatic and Electrocutation.

They also showed illustrations on First Aid and Resuscitation.

Detail of literature distributed:

- 57,200 Industrial Bulletins.
- 94,200 Traffic and Electric Railway Bulletins.
- 475,000 Letters to Motorists.
- 72,800 Special Bulletins.
- 148,000 School Bulletins.
- 188,000 Letters to Parents.
- 36,702 Sundry Circulars.
- 12,000 Safety Calendars.
- 38,000 Special Cards and Reports.
- 75,000 Safety Buttons.
- 400 School Traffic Signs.
- \$600.00 was awarded in prizes in the Essay Contest.
- \$420.00 was awarded in prizes in the Drawing Contest.

Safety Films were shown and Safety Talks given in 167 Schools to 56,179 pupils, and 30 Sundry Boys' and Girls' Clubs.

Safety Films were also shown in 20 theatres.

Safety Talks were broadcasted by Radio five times during the year.

Respectfully submitting the above for your consideration

J. M. GIBSON,
President.

J: F. H. WYSE,
General Manager.

THE HAMILTON AND BARTON INCLINE RAILWAY COMPANY—HAMILTON
BALANCE SHEET 31st DECEMBER, 1926

ASSETS		
Current.....		\$12,001 28
Cash on hand.....	\$64 42	
Bank of Nova Scotia.....	822 80	
Current.....	\$376 44	
Savings.....	446 36	
	822 80	
Accounts receivable.....	109 35	
Conductors.....	50 00	
Inventories—oil and waste, fuel and stores.....	731 00	
Dominion of Canada War Loan.....	9,704 60	
Insurance prepaid.....	519 11	
	12,001 28	
Invested.....		72,885 94
Plant equipment, Roadbed, buildings, etc.....	101,165 29	
Less reserve for depreciation.....	28,279 35	
	72,885 94	
LIABILITIES		
Current.....		\$1,447 96
Accounts payable.....	\$1,216 31	
Commutation tickets.....	231 65	
	\$1,447 96	
Shareholders.....		83,439 26
Capital stock.....	61,500 00	
Profit and loss.....	21,939 26	
	\$83,439 26	
		\$84,887 22
		\$84,887 22

PROFIT AND LOSS ACCOUNT FOR YEAR ENDED 31st DECEMBER, 1926

Earnings.....		\$23,972 52
Interest.....		571 61
Rent.....		220 00
Expenses.....		\$25,358 24
Clothing.....	\$19 97	
Fuel (coal).....	7,069 55	
General.....	266 10	
Insurance.....	547 51	
Oil and waste.....	106 12	
Printing and stationery.....	97 07	
Repairs.....	821 56	
Taxes and water rates.....	1,083 05	
Wages.....	10,439 05	
Depreciation.....	4,908 26	
	\$25,358 24	
Profit, 1925.....		594 11
Loss for period.....		\$25,358 24
		\$25,358 24

PROFIT AND LOSS ACCOUNT

Balance forward 31st, December, 1925.....		\$26,773 37
Loss for period.....	\$594 11	
Directors' and auditors' fees.....	550 00	
Dividends paid in 1926.....	3,690 00	
Balance per Balance Sheet.....	21,939 26	
		<u>\$26,773 37</u> <u>\$26,773 37</u>

WENTWORTH INCLINE RAILWAY LIMITED

BALANCE SHEET 31st DECEMBER, 1926

ASSETS		
Current.....		\$111,211 30
Cash on hand.....	\$363 61	
Balance in bank.....	110,660 44	
Current.....	\$6,075 49	
Savings.....	104,584 95	
	<u>\$110,660 44</u>	
Conductors' Loan Account.....	50 00	
Accounts receivable.....	137 25	
	<u>\$111,211 30</u>	
Invested.....		\$95,357 85
Railway property, dwelling house, power house, tracks, cars, equipment and land formerly occupied by theatre.....	126,909 22	
Land.....	31,078 25	
	<u>157,987 47</u>	
Less reserve for depreciation.....	62,629 62	
	<u>\$95,357 85</u>	
LIABILITIES		
Current.....		\$3,136 50
Accounts payable.....	\$376 00	
Tickets outstanding.....	2,460 50	
Insurance—reserve.....	300 00	
	<u>\$3,136 50</u>	
Shareholders.....		203,432 65
Capital stock.....	\$27,800 00	
Special reserve.....	45,134 79	
Profit and loss account.....	130,497 86	
	<u>\$203,432 65</u>	
		<u>\$206,569 15</u> <u>\$206,569 15</u>

PROFIT AND LOSS ACCOUNT FOR YEAR ENDED 31st DECEMBER, 1926

Earnings.....		\$42,368 92
Ticket sales—passengers, freight, etc., Interest.....		2,863 64
Expenses.....	\$32,581 39	
Fuel power and light.....	1,757 82	
General taxes, directors' fees and salary.....	4,330 16	
Insurance.....	1,622 23	
Insurance claims.....	300 00	
Oil and waste.....	139 36	
Repairs.....	1,417 32	
Wages.....	16,669 05	
Depreciation.....	6,345 45	
	<u>32,581 39</u>	
Net profit for period.....		\$12,651 17
		<u>\$45,232 56</u> <u>\$45,232 56</u>

PROFIT AND LOSS SUMMARY

Balance 1st January, 1926.....	\$120,766 86	
Net profit for year 1926.....		12,651 17
Income tax, 1925.....	\$1,252 17	
Dividend.....	1,668 00	
Balance per balance sheet.....	130,497 86	
		<u>133,418 03</u>
		<u>\$133,418 03</u>

TABULATION OF CAR MILES RUN, PASSENGERS CARRIED, ACCIDENTS, ETC.

Name of Railway	Length of track owned, miles	Length of switches and sidings, miles	Passenger car miles run	Passengers carried per mile of track operated	Passengers carried	Accidents		Number of men employed	Passenger Cars		Other			Service Cars		Miscell.		Cost of railway construction equipment, land and buildings per mile of track owned
						Killed	Injured		Enclosed Cars	Open Cars	Trailers	Baggage and mail	Cattle and box	Platform	Coal and dump	Tool	Snow sweepers		Snow plows	Loading cranes	Locomotives	Ferry Boats
Buffalo & Fort Erie Ferry & Railway Co.	Not reported		313,000	††	898,520	1	††	††	11					2				43,841 32
Cornwall Street	4.25	2	769,764	††	3,007,904		6	58	18	1	5			1	1			44,321 51
Fort William	8.40	1.560	290,999	††	1,556,774	1	28	8	8					1				42,065 02
Guelph Radial Ry.	34.3	6.048	3,032,726	††	20,623,285	1	112	420	78	19	14			4	1			76,568 06
Hamilton & Dundas			††	††	††		††	††	††									29,228 52
Hamilton, Grimsby & Beamsville	22.6	3.6	339,027	††	802,752	3	20	58	8	2		4						17,727 50
Hamilton & Barton Incline	See statement		††	††	10,924					3		1	5					17,332 11
Huntsville & Lake of Bays Hydro-Electric Railways (Essex Division)	52.914	3.598	2,829,007	304,277	16,100,561	5	120	254	75			2	1		2			84,270 47
International Railway Co. (Niagara Falls Park & River)	22.851	1.314	321,446	49,912	1,206,120		10	40	9	20		2	2		1			††
International Transit	4.97	.09	221,313	240,805	1,196,804		1	18	14		3				1			al32,618 81
Kingston, Portsmouth & Cataract	8		266,103	151,801	1,214,407	1			11	10		1			2			24,831 24
Kitchener & Bridgeport Street Ry.	2.25	.10	52,330	118,125	265,780		3		1	15		2			1			31,704 59
Kitchener & Waterloo	7.16	.84	280,997	387,006	2,770,966		1	31	15		5				1			54,498 38
Lake Huron & Northern Ontario (steam)	Not operating		2,160,678	††	12,514,622	1	101	††										43,308 12
Mount McKay & Kaka-boka Falls	5	1.5						10										46,753 42
Midland & Simcoe	Not operating																	9,191 18
Niagara Peninsula	3.325	2.115						7										27,792 43
Port Arthur Civic	19.53	1.04	636,999	161,240	3,149,026		3					1						28,742 81
Sarnia Street	8.25	1	205,694	††	978,097			30	10			1						
Sudbury-Copper Cliff Suburban	7.9		106,783	60,688	479,436			13	4						1			40,649 68
Thurlow (steam)	2.671	4.666	††	††	††			16										10,394 76
Toronto & York Radial	81.255	14.163	1,827,745	65,662	5,335,377	4	65	291	68		2	5	39	10	6			31,811 37
Toronto Transportation Commission	198.078	30.714	25,533,893	††	183,494,076	16	1,487	††	726		258							191,039 96
Township of York Ry.	15.344	.144	886,103	††	6,199,823		13	††										97,515 46
Wentworth Incline Ry.	See statement																	

(a) Includes Ferry equipment, \$214,910.65.

TABULATION OF COMPARISONS WITH PREVIOUS YEARS AS TO CAR MILES RUN, PASSENGERS CARRIED, ETC.

FOR YEAR ENDING DECEMBER 31, 1926

Name of Railway	Length of Track		Car Miles Run		Passengers Carried		Accidents			Net Earnings		
	In-crease	De-crease	In-crease	De-crease	In-crease	De-crease	Killed		In-creased	De-crease	Increase	Decrease
							In-crease	De-crease				
Buffalo & Fort Erie Ferry and Railway Co.												
Cornwall Street		Not	reported									\$ c.
Fort William Electric	No change	.75	61,600		134,586	1					1	685 99
Guelph Radial Railway	No change		39,349	792	245,965	1					1	793 94
Hamilton Street	No change		191,760		1,345,359	1			No change			a9,686 21
Hamilton and Dundas	No change		Not reported		Not reported	1			57			b7,924 78
Hamilton, Grimsby and Beamsville	No change		16,163		50,214	3			11			559 97
Hamilton and Barton Incline	See statements											a2,876 84
Huntsville and Lake of Bays	No change		507,141		2,138,548			No change				a35,746 89
Hydro-Electric Railways (Essex Division)	2,330							1	27			3,134 29
International Ry. Co. (Niagara Falls Park and River)		.321		37,816		280,983		2			4	104,016 53
International Transit	No change			6,345		3,135		No change				b24,449 21
Kingston, Portsmouth and Cataract	No change		No change		191,978	1						250 25
Kitchener and Bridgeport Street Railway	No change			2,642		2,951					1	a3,542 02
Kitchener and Waterloo	No change		7,019		74,295						1	111 90
Lake Huron and Northern Ontario (steam)	Not operating		in either year									82 27
London Street	.75		120,194									107 50
Midland and Simcoe	Not operating		in either year									
Mount McKay & Kakabeka Falls	No change		Not reported		Not reported							1,405 56
Niagara Peninsular	No change		Not reported		Not reported						1	20,594 37
Port Arthur Civic	1		22,754		297,515						2	5,940 57
Sarnia Street	No change		No change		12,028							
Sudbury-Copper Cliff Suburban	No change		1,018		58,005							1,018 91
Thurlow (steam)	1,900		Not reported		Not reported							4,557 41
Toronto and York Radial	No change		44,022		576,886							9,820 09
Toronto Transportation Commission	1,388		286,835		2,714,136							a4,868 24
Township of York Railway	.025		360,843		3,059,044							18,887 47
Wentworth Incline Railway	See statements								5			b39,433 52

(a) Decrease in deficit on year's operations.

(b) Increase in deficit on year's operations.

TABULATION OF CHARGES OTHER THAN OPERATING COSTS FOR YEAR ENDING DECEMBER 31st, 1926

Name of Railway	Interest on Funded Debt		Interest or Discount on Unfunded Debt		Taxes		Transfer to Special Accounts		All Charges other than Operating Costs		Total Expenditure excluding Operating Costs		Total Expenditure including Operating Costs		Total Revenue from all sources		Per Car Mile Run		Net Deficit from Year's Operation		Net Surplus from Year's Operation								
	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	cents	cents	\$	c.	cents	cents	\$	c.	\$	c.					
Buffalo & Fort Erie Ferry & Railway Co.							2,014	42	2,014	42	16,734	67	a14,246	47	16,734	67	††	††	††	††			473	78					
Cornwall Street.	5,250	00			1,440	52	15,000	00	45,691	10	a7,722	70	a54,349	42	89,123	01	17,366	28,473	28,473			19,323	59						
Fort William Electric.	63,103	05			2,698	96	8,823	96	37,292	30	a28,468	34	a100,629	23	195,735	30	32,203	25,428	52,154	93									
Guelph Radial Railway.	25,769	38			11,928	80	10,890	22	33,605	82	1,013,062	29	1,029,167	36	84,532	52	34,688	29,139	24,920	96									
Hamilton Street.	10,777	80			1,850	97			6,850	97	13,715	98	13,715	98	1,013,062	29	33,935	33,393	7,283	71			13,894	73					
Hamilton & Dundas.	5,000	00							6,850	97							††	††	††										
Hamilton, Grimsby & Beavansville.	7,500	00			5,644	18			13,144	18	13,144	18	175,366	04	130,383	54	51,785	38,458	44,982	50									
Hamilton & Barton Incline.					68	38			68	38	68	38	3,805	00	6,864	64	††	††							3,059	64			
Huntsville & Lake of Bays.																													
Hydro-Electric Rys. (Essex Division).	217,601	15			3,519	25	60,469	42	281,589	82	a221,120	40	a1,012,918	01	1,052,547	24	a35,804	37,205	20,840	19									
International Railway (Niagara Falls Park and River).	30,000	00			16,278	28	52,128	96	98,407	24	a46,278	28	a250,843	89	115,199	36	a78,038	35,858	87,773	49									
International Transp.					1,827	24	20,000	00	34,356	24	a14,356	24	a55,825	30	b79,069	02	a25,224	35,728											
Kingston, Portsmouth and Cataract.	3,870	00			1,124	97	2,542	85	7,556	96	a5,014	11	a53,504	64	54,592	07	a20,106	20,510	1,555	42									
Kitchener & Bridgeport Street Railway.	3,642	24			136	24	2,117	97	5,896	45	a3,778	48	a12,073	09	14,555	75	a23,071	27,815							361	69			
Kitchener & Waterloo.	11,727	54			219	87	14,002	36	37,393	79	a23,391	43	a102,313	88	119,012	08	a36,411	42,353								2,695	84		
Lake Huron & Northern Ont. (steam).																													
London Street.	28,500	00			12,672	62	38,125	00	83,204	45	a45,079	55	a573,607	77	621,079	72	a26,547	38,744									14,958	14	
Midland & Simcoe.																													
Mount McKay & Kakabeka Falls.					408	62	21,741	83	22,150	45	a408	62	a9,130	65	16,309	27	††	††	14,563	21									
Niagara Peninsula.	25,567	98			33	25	28,897	40	33	25	33	25	19,630	63	46,235	00	††	††									20,594	37	
Port Arthur Civic.	6,633	62			1,216	08	2,126	08	8,158	30	a27,298	62	a160,900	47	98,440	16	a25,102	30,634									5,642	47	
Sarnia Street.	4,500	00							8,158	30	8,158	30	77,806	01	78,835	55	37,826	38,326									1,029	54	
Suburb - Copper Cliff Suburban (steam).	142,500	00			26	70	2,519	27	7,700	00	7,700	00	43,303	88	39,506	42	33,340	37,990	3,797	46							12,020	67	
Thurlo (steam).	142,500	00			10,906	09	46,004	65	7,545	77	a5,026	70	a52,104	66	66,644	13	††	††											
Toronto & York Radial.	2,232,347	42							199,410	74	199,410	74	912,616	94	659,439	84	50,314	30,079	253,177	10									
Toronto Transportation Commission.	31,402	80			64,698	39	2,038,461	68	4,398,629	11	a2,360,167	43	a6,835,747	77	12,050,304	23	a26,771	47,480										76,951	23
Township of York Ry.									98,041	04	a51,402	80	a305,600	81	291,279	63	a34,486	32,849	60,959	42									
Wentworth Incline Ry.																													

†† Car miles not reported.
 a Does not include transfer to special accounts.
 (b) Includes \$16,630.28 net earnings from Ferry operation.

Thurlow (steam).....	76,266 40	53,863 03	25,000 00	25,000 00	2,375,000 00	1,133,973 39	11,914 00	105,129 43
Toronto & York Radial.....	3,042,363 71	424,676 39	53,847 29	53,847 29	40,748,566 84	579,573 32	173,875 82	248,371 84
Toronto Transportation Commission.....	43,708,414 92	6,858,121 91	60,959 42	60,959 42	1,534,349 46	9,610 59	14,732 08	60,154 75
Township of York Ry.....	1,510,319 47	47,567 99						
Wentworth Incline Ry..	See statement							

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TELEPHONE SYSTEMS 1927

BEING AN APPENDIX TO THE REPORT OF THE ONTARIO
RAILWAY AND MUNICIPAL BOARD FOR 1926

STATISTICAL INFORMATION RELATIVE TO THE TELEPHONE
SYSTEMS WITHIN THE JURISDICTION OF ONTARIO

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



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The Ontario Railway and Municipal Board

REPORT OF THE SUPERVISOR OF TELEPHONE SYSTEMS FOR THE YEAR 1926

The following applications under the provisions of "The Ontario Telephone Act, 1918," were dealt with by the Board in 1926:

Under Section 3c: For authority to issue debentures for extensions and improvements to Telephone Systems under Part I.	1
Under Section 11: For authority to extend a municipal telephone system into another township.	1
Under Section 13: For the approval of municipal by-laws providing for the establishment of telephone systems.	1
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The Board or its Supervisor of Telephone Systems during the year visited eighty-nine different points in the province in connection with the foregoing applications.

The continued policy of the Board in endeavouring to secure an amicable settlement of matters in dispute between the applicant and respondent has, with the assistance of the Board's Supervisor, proved successful in the majority of such cases.

In addition to the applications and complaints referred to, a vast amount of correspondence relating to telephone matters has been dealt with by the Board's Supervisor, through the medium of which much information and assistance has been given to municipalities, companies and other persons interested, and many difficulties that might otherwise have necessitated a formal application and public hearing have been satisfactorily adjusted.

A number of points were visited by the Board's Inspector of Telephone Service during the year for the purpose of investigating complaints made by subscribers, and upon his report and recommendation the Board has been enabled to secure considerable improvement in the telephone service furnished by the systems coming under his observation.

The number of telephone systems within the jurisdiction of Ontario of which the Board has record is 626, operating approximately 109,600 telephones and representing an investment of about \$10,150,000.00

There are ten systems owned and operated by municipalities under the provisions of Part I of the Act, viz.: the cities of Fort William and Port Arthur, the towns of Cochrane, Dryden, Fort Frances, Kenora and Rainy River, and the townships of Aliberton, Caledon and Hilliard.

One hundred and fifteen systems are now established and operating under Part II of the Act and furnishing service in two hundred and sixty towns, villages and townships.

The cordial relations which continue to exist between the telephone systems under the jurisdiction of Ontario and the Bell Telephone-Company of Canada is a source of much satisfaction to the Board. During the year that company has sold plant to the value of \$44,635.00 and transferred 605 subscribers to systems within the control of the Board, and has purchased plant to the value of \$13,985.00 and acquired 273 subscribers. These changes have been made with the object of adjusting territory in order to improve telephone facilities and avoid unnecessary duplication in the districts affected. The result of these adjustments has been a net gain to the provincial systems of 332 telephones and an increased investment of \$31,650.00.

Detailed statistics and other information relative to these systems will be found in the appendix to this report entitled "Telephone Systems 1927."

FRANCIS DAGGER,
Supervisor of Telephone Systems.

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MUNICIPAL TELEPHONE UNDERTAKINGS OPERATING UNDER PART I OF "THE ONTARIO TELEPHONE ACT, 1918"

Report for 1926	Alberton	Cochrane	Caledon	Fort William	Hilliard	Kenora	Port Arthur	Rainy River	Fort Frances	Dryden
Year established.....	1922	1920	1922	1902	1921	1902	1902	1920	1913	1920
Number of telephones.....	64	374	344	4,641	63	1,174	3,349	158	560	129
Number of circuits.....	6	37	43	6,700	7	442	.....	40	.....	.....
Miles of pole lead.....	37	31½	163	12½	34½	13	.....	40	.....	7
Miles of wire.....	118	313	345	15,571	105	.....	3,860	82	550	17
(a) on poles.....	118	313	345	5,185	105	1,018	3,841	82	550	17
(b) underground.....	.....	.....	.....	10,386	.....	Submarine 3½	19	.....	.....	.....
RATES FOR SERVICE PER ANNUM:										
(a) Individual line, business.....	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	Wall Desk	\$ c.	\$ c.	\$ c.
(b) Individual line, residence.....	.....	40 00	20 00	48 00	18 50	35 00	\$ c. \$ c.	40 00	36 00	36 00
(c) Party line, business.....	.....	25 00	20 00	24 00	18 50	25 00	24 00 26 00	25 00	25 00	18 00
(d) Party line, residence.....	18 00	20 00	20 00	40 00	18 50	.....	40 00 42 00	.....	24 00	36 00
				18 00	18 50	15 00	18 00 20 00	.....	18 00	15 00
CAPITAL ACCOUNT:										
Total Assets.....	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Total Liabilities.....	8,608 93	51,700 00	32,625 51	345,665 16	6,650 00	91,956 67	267,290 58	11,402 36	35,519 27	12,969 03
Sinking Fund.....	4,914 39	26,000 00	24,200 56	360,000 00	5,539 49	32,443 74	267,290 58	7,113 81	9,975 49	6,820 36
	†	†	†	173,211 01	†	10,349 81	126,507 13	†	†	†
REVENUE ACCOUNT:										
Gross Income.....	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Expenses.....	2,505 10	11,033 00	7,176 78	119,474 28	1,414 23	23,832 64	92,223 22	3,525 70	13,834 10	2,712 65
	1,896 23	7,207 00	6,221 96	67,902 15	747 08	17,855 88	68,008 71	2,977 54	8,708 86	1,664 59
Gross gain from Operation..										
Interest and Sinking Fund..	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
	608 87	3,826 00	954 82	51,572 13	667 15	5,976 76	24,214 51	538 16	5,125 24	1,048 06
	¶1,240 53	¶2,790 00	¶3,188 02	33,697 77	¶685 03	6,123 87	22,375 56	¶1,637 34	¶2,368 16	¶926 65
Net gain for year.....										
Net deficit for year.....	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
	608 87	1,036 00	2,233 20	17,874 36	.....	*147 11	1,838 95	.....	2,757 08	121 41
	.....	.....	.....	.....	17 88	.....	.....	1,099 18	.....	.....

†Instalment debentures.

*\$2,704.03 in excess of sinking fund amount, 1925, was written into depreciation reserve account, which when taken into account leaves a net loss of \$147.11.

¶Principal and interest instalment.

MUNICIPAL TELEPHONE UNDERTAKINGS OPERATING UNDER PART I OF THE
ONTARIO TELEPHONE ACT.

Municipality	Secretary or Municipal Clerk	P. O. Address
Township of Alberton.....	F. E. Stewart.....	Fort Frances
Township of Caledon.....	W. J. Warnock.....	Caledon
Town of Cochrane.....	P. D. Campbell.....	Cochrane
Town of Dryden.....	J. E. Gibson.....	Dryden
Town of Fort Frances.....	H. E. Marr.....	Fort Frances
City of Fort William.....	Alex. McNaughton...	Fort William
Township of Hilliard.....	G. Harrison.....	Box 36, Thornloe
Town of Kenora.....	F. J. Hooper.....	Kenora
City of Port Arthur.....	F. D. Jackson.....	Port Arthur
Town of Rainy River.....	E. E. Jess.....	Rainy River

SYSTEMS OPERATING AND IN COURSE OF ORGANIZATION UNDER PART II
OF "THE ONTARIO TELEPHONE ACT."

Municipality	Secretary or Municipal Clerk	P.O. Address
Arran Tp.	C. A. Speer.	Tara
Assiginac Tp.	Thos. Norquay.	Manitowaning
Atwood Tp.	W. H. Williscraft.	Rainy River
Belmont Tp.	Jas. W. Russell.	Havelock, R.R. 3
Blanshard Tp.	S. Adamson.	St. Mary's, R.R. 6
Blyth Tp.	Jas. D. Moody.	Blyth
Brooke Tp.	A. R. Chapman.	Inwood
Brighton Tp.	Fred. O. Wade.	Brighton, R.R. 6
Bruce Tp.	N. T. Jones.	Kincardine
Brudenell and Lyndock Tps.	Simon Finnerty.	Killaloe, R.R. 1
Brussels (Village) Morris and Grey Tps.	A. H. Macdonald.	Brussels
Carlow Tp.	J. W. Hudson.	Boulter
Chapple Tp.	Thos. Hood.	Barwick
Chinguacousy Tp.	W. D. Bowles.	Brampton
Chisholm Tp.	R. W. Butler.	Alderdale
Christie Tp.	Wells Thompson.	Orrville
Colborne Tp.	E. V. Lawson.	Goderich, R.R. 3
Colchester North Tp.	T. W. Weyburn.	Essex
Coldwater (Village).	H. Elliott.	Coldwater
Cramahe Tp.	F. A. Black.	Vernonville
Dawn Tp.	J. J. Harrison.	Dresden, R.R. 4
Douro Tp.	John Garvey.	Lakefield, R.R. 4
Dover Tp.	John Grant.	45 Lacroix St., Chatham
Dummer Tp.	C. J. Darling.	Warsaw, R.R. 2
Dungannon Tp.	Thos. Turriff.	Detlor
Dysart Tp.	Arthur Batchelor.	Haliburton
Emily Tp.	Moses Ruth.	Omeme, R.R. 1
Emo Tp.	E. T. McComb.	Emo
Ennismore Tp.	T. C. Killen.	Peterborough, R.R. 1
Erin Tp.	Richard Bryan.	Hillsburg, R.R. 1
Euphrasia Tp.	T. I. Fawcett.	Markdale, R.R. 2
Euphrasia Tp. (Beaver Valley).	C. Running.	Clarksburg
Faraday Tp.	E. W. Laundry.	Bancroft
Flos Tp.	C. S. Burton.	Elmvale
Glamorgan Tp.	David H. Pollard.	Gooderham
Glenelg Tp.	Thos. J. Brodie.	Holland Centre, R.R. 2
Goderich Tp.	Chas. E. Wise.	Clinton, R.R. 3
Gore Bay (Town).	F. W. Major.	Gore Bay
Gosfield, North Tp.	S. H. Wyatt.	Cottam
Hagarty and Richards Tps.	L. A. Finney.	Killaloe
Haldimand Tp.	F. W. Hare.	Cobourg, R.R. 5
Harvey Tp.	John P. Smith.	Peterborough, R.R. 1
Hay Tp.	Andrew F. Hess.	Zurich
Howick Tp.	J. H. Rogers.	Fordwich
Howland Tp.	J. L. Ferguson.	Sheguiandah
Humphrey Tp.	A. A. Young.	Rosseau
Hungerford Tp.	E. Cassidy.	Bogart
Huron and Kinloss Tps.	Ross. H. Martyn.	Ripley
Jocelyn Tp.	Russell Eddy.	Carterton
Johnson Tp.	Miss T. W. Bretz.	Desbarats
Kerns Tp.	E. Sackrider.	New Liskeard, R.R. 1
Laird Tp.	Newman Johnson.	Laird
La Vallee Tp.	Wm. Hill.	Devlin
London Tp.	J. A. Hughes.	Ilderton
MacDonald Tp.	Edward Hutchison.	Echo Bay
Magnetawan (Village).	H. Q. Snuggs.	Magnetawan
Maidstone Tp.	A. Mousseau.	Woodslee
Manvers Tp.	W. A. Jakeman.	Bethany
Marmora Tp.	L. P. Hughes.	Marmora, R.R. 1
McKellar Tp.	Wm. M. Taylor.	McKellar
McKillop Tp.	J. M. Govenlock.	Seaforth, R.R. 1
Medonte Tp.	T. D. Robinson.	Moonstone
Mersea Tp.	A. E. Newman.	Leamington

SYSTEMS OPERATING AND IN COURSE OF ORGANIZATION UNDER PART II
OF "THE ONTARIO TELEPHONE ACT"—*Continued*

Municipality	Secretary or Municipal Clerk	P.O. Address
Minden Tp.	Jno. Graham, Jr.	Minden
Monck Tp.	Thos. Mears.	Beaumaris
Monck Tp. (North Monck)	Albert J. Goltz.	Bardsville
Monteagle and Herschel Tps.	Clifford McLean.	Maple Leaf
Moore Tp.	D. M. Johnston.	Courtright
Morley Tp.	Guy G. Gamsby.	Stratton
Mornington Tp.	W. T. Shearer.	Poole
Nipissing Tp.	Thos. Rowlandson.	Nipissing
North Algona Tp.	Wm. J. Hugli.	Golden Lake
North Easthope Tp.	Margaret McGillawee.	Stratford, R.R. 1
North Norwich Tp.	E. Burpee Palmer.	Norwich
O'Connor Tp.	D. R. White.	Kakabeka Falls
Oliver Tp.	H. Gorton.	Murillo
Osprey Tp.	E. C. Pedlar.	Singhampton, R.R. 1
Otonabee Tp.	F. A. Eason.	Keene
Paipoonge Tp.	H. J. Carter.	Murillo
Pelee Tp.	Chas. L. Mills.	Pelee Island
Percy Tp.	F. H. Meneilly.	Warkworth
Plummer Additional Tp.	Thos. Humphries.	Bruce Mines
Radcliffe Tp.	C. B. Dennison.	Combermere
Raglan Tp.	A. E. Lidkie.	Palmer Rapids
Ratter and Dunnett Tps.	R. H. Wilson.	Warren
Rochester Tp.	F. A. Trepanier.	St. Joachim
Roxborough Tp.	Murdock McLeod.	Moose Creek
Ryde Tp.	Wesley Rebman.	Barkway
Sandwich South Tp.	Jas. McAuliffe.	Maidstone
Sherwood, Jones and Burns Tps.	Mary K. Chapeski.	Barry's Bay
Shuniah Tp.	W. H. Wilson.	Port Arthur
Somerville Tp.	C. D. Hodgson.	Burnt River
South Algona Tp.	John P. Nelan.	Ruby
Stanhope Tp.	John Cowen.	Carnarvon
St. Joseph Tp. (Richard's Landing Municipal Telephone Club)	S. Shipman.	Richard's Landing
St. Vincent Tp.	Geo. G. Albery.	Meaford
Strong Tp.	A. M. Church.	Sundridge
Tarbutt and Tarbutt, Additional Tps.	Saul McLeod.	MacLennan
Tay Tp.	G. W. Allison.	Victoria Harbor
Tay Tp. (North River)	John Wm. Fell.	Coldwater
Tay Tp. (West Tay)	W. H. Montgomery.	Wyebridge, R.R. 1
Thessalon Tp.	Theo. E. Clinton.	Thessalon
Tilbury East Tp.	Miss Farquharson.	Merlin, R.R. 1
Tilbury West Tp.	J. W. Brown.	Comber
Tiny Tp.	Philip Leblanc.	Lafontaine
Tuckersmith Tp. (Bayfield)	E. F. Merner.	Bayfield
Tuckersmith Tp.	J. B. Mustard.	Brucefield
Tyendinaga Tp.	R. F. Kinnear.	Lonsdale
Vespra Tp.	A. B. Coutts.	Barrie
Waterloo Tp.	Anson Groh.	Preston, R.R. 2
Watt Tp.	Wm. C. Knowles.	Ufford
Wellesley Tp.	J. C. McKay.	Wallenstein
Widdifield Tp.	W. Winter.	North Bay, Box 262
Wilmot Tp.	A. R. G. Smith.	New Hamburg
Worthington Tp.	Edmund Kearney.	Sleeman

STATISTICS

TELEPHONE SYSTEMS

Summary of Returns from Telephone Companies, Municipalities and Individual Owners of Telephone Lines up to December 31st, 1926.

No.	Name of Company or System	Secretary, Manager or Owner	P. O. Address	Year started	No. of tele-phones	Miles of poles	Miles of wire	Capital ex- pend- ed		Receipts		Expen- diture
								\$	c.	\$	c.	
121	Aberdeen Plummer Centre Line Telephone Association, Ltd.	Archie Brechin	R. R. 3, Bruce Mines	1914	44	21	42	3,833		472	97	472 97
435	Acorn Rural Telephone Association, Ltd.	R. W. Ross	Box 182, Cobden	1912	22	7	7	1,100		212	50	212 50
542	Addington Telephone Company, Ltd.	J. A. Milsap	Moscow	1910	38	10	20	2,500		203	25	203 25
305	Addison Rural Independent Telephone Co., Ltd.	A. J. Snaith	Jellyby	1908	237	105	105	11,279		3,202	36	3,844 39
191	Adelaide Telephone Company, Ltd.	M. C. Morgan	Kerrwood	1923	245	46	112	15,000		3,417	51	3,284 96
79	Admaston Rural Telephonic Association, Ltd.	Alex. M. Gibbons	Admaston Station	1910	35	10	20	1,486		297	00	265 00
1	Ahmlic Telephone Company, Ltd.	W. J. Smith	Fort Harbour	1907	64	37	118	8,609	no t in operation	2,505	10	1,896 23
4	Alberton Municipal Telephone System	F. E. Stewart	Fort Frances	1922	201	74	126	7,297		2,500	32	2,465 81
308	Aldborough Farmers Telephone Assn. Ltd.	Henry A. Mistle	Rodney	1911	147	36	93	7,200		2,234	57	1,747 34
132	Alexander Telephone System	James Alexander	Elmwood	1909	79	335	415	124,952		5,526	75	24,782 72
365	Algoma Central & Hudson Bay Railway Co.	Alex. Taylor	Traders Bk. Cham- bers, Toronto	1899	37	87	87	29,593		1,300	89	8,594 89
366	Algoma Eastern Railway Co.	Alex. Taylor	Traders Bk. Cham- bers, Toronto	1900	37	87	87	29,593		495	00	105 04
577	Algonquin Park Telephone System	J. W. Millar, Supt.	Algonquin Park	1913	33	80	85	3,168		308	00	302 91
509	Alice Telephone Company, Limited	Wilbert Hamilton	R. R. 5, Pembroke	1914	44	20	55	18,490		1,545	71	2,137 39
261	Allenford Rural Telephone Co., Ltd.	G. C. Wain	Allenford	1912	186	75	150	6,000		2,353	53	2,001 89
319	Alnwick Rural Telephone Co., Ltd.	Delbert Varcoe	R. R. 3, Roseneath	1909	145	48	62	6,000		124	20	124 20
367	Amabel Telephone Association	George Eldridge	Hepworth	1911	27	5	5	1,350				
619	Anherst Island Municipal Tel. System	System sold to F. A. Perry, Napanee										
11	Anglo-Canadian Mining & Refining Co., Ltd.	N. E. Strickland	801 Dominion Bk. Bldg., Toronto	1918	4	1½	3	Private	system no revenue.	1,719	00	1,647 95
411	Ansonville Telephone Company, Ltd.	W. J. Grummett	Ansonville	1924	60	4	60	9,975		393	35	449 53
2	Apsley Telephone Co., Ltd.	Russell Hales	Apsley	1909	39	42	42	2,650		2,700	00	2,270 00
130	Arden and Parham Telephone System	Everett Scott	Arden	1921	165	130	103	12,000		541	00	371 00
162	Ardoch Rural Telephone System	J. B. Myers	Ardoch	1916	58	55	55	2,500		500	00	478 00
368	Ardoch Telephone Co., Ltd.	Fred. Holmes	R. R. 3, Orillia	1916	30	22	66	3,655				
629	Armstrong Private Telephone Line	Jas. Armstrong	Millbridge	1920	1	1¼	2½	Private	line no revenue.			
124	Arran Municipal Telephone System	Harvey Kearns	R. R. 3, Tara	1926	12	4	8	1,027	in course of const.	204	00	538 50
492	Arran No. 1 Telephone Association, Ltd.	H. B. Legge	R. R. 1, Dobbinton	1912	81	28	75	4,565		128	00	128 00
80	Ashgrove Rural Telephone Co., Ltd.	W. J. Alexander	Georgetown	1907	13	2½	2½	400		180	00	125 75
644	Assignac Municipal Telephone System	Thos. Norquay	Manitowaning	1920	45	28	28	2,050		900		83 36
646	Atherley Telephone Association, Ltd.	James MacDonald	R. R. 2, Atherley	1918	6	2½	5	900		83	36	83 36
338	Atwood Municipal Telephone System	W. H. Williscraft	Rainy River	1921	35	10	30½	3,321		844	25	794 05

141	Augsburg Telephone Co., Ltd.	Henry Sell.	R.R. 5, Eganville.	1919	25	14	28	2,500	27 70
3	Ayr Rural Telephone Co., Ltd.	Jas. G. Fair.	Ayr.	1909	186	70	195	10,229	3,098 50
465	Ayrton Telephone Co., Ltd.	Thos. J. Burke.	Ayrton.	1914	23	8	16	920	177 98
369	Back Line Telephone Co., Ltd.	W. E. Reid.	Shelburne.	1911	26	9	24	1,779	175 98
370	Balaclava Telephone Co., Ltd.	Jas. McKnight.	Balaclava.	1912	53	18	90	2,450	571 32
371	Balderson Telephone Co., Ltd.	D. MacLaren.	Balderson.	1912	139	35	70	7,500	968 67
250	Balmoral Telephone System.	Myron A. Gee.	Wheatley.	.....	.....	.....	.....	.....	.....
372	Balsam Hill Telephone Co., Ltd.	Wellington Hodgins.	R.R. 2, Renfrew.	1914	30	14	28	1,400	395 84
373	Barrie Angus Telephone Co., Ltd.	Wm. Pearce.	R.R. 1, Angus.	1915	47	33	66	3,246	740 00
504	Barrie Island Telephone Co., Ltd.	Jas. Allen.	Barrie Island.	1917	32	24	24	735	255 50
601	Bayfield Municipal Telephone System.	E. F. Merner.	Bayfield.	1911	31	4	8	1,795	156 25
652	B. D. & H. Telephone Line.	H. W. Huff.	R.R. 1, Yarker.	1913	4	3	6	550	4 00
129	Beatty Telephone System.	Dr. A. C. Beatty.	Garden Hill.	1895	208	96	108	10,750	2,984 00
279	Beaver Mills Telephone System.	.....	.....	.....	.....	.....	.....	.....	.....
358	Beaver Valley Municipal Tel. System.	C. Running.	Clarksburg.	1913	437	294	731	41,000	8,693 01
525	Beckwith & Montague Rural Tel. Co., Ltd.	Robt. J. Sample.	R.R. 1, Perth.	1915	60	32	70	5,713	9,059 45
133	Becton Telephone Co., Ltd.	N. P. McDonald.	Beeton.	1911	878	295	1,085	71,049	13,853 35
579	Bellrock and Shimo Telephone Co., Ltd.	Joseph Donoghue.	R.R. 2, Enterprise.	1916	27	18	36	1,700	107 96
523	Belmont Municipal Telephone System.	J. W. Russell.	R.R. 3, Havelock.	1923	143	43	131	11,725	2,222 02
83	Belmont Telephone Co-op. Ass'n., Ltd.	A. W. Venning.	Belmont.	1905	366	82	193	10,000	5,676 84
84	Ben Allen Telephone Co., Ltd.	W. J. Cavell.	R.R. 7, OwenSound	1911	9	4½	9	540	112 50
375	Bethel Rural Telephone Association.	S. Cornett.	Dundalk.	1909	21	8½	17	700	225 00
135	Bethesda Mutual Telephone Co., Ltd.	A. H. Brent.	Bowmanville.	1908	12	4	15	720	91 00
5	Bethesda Stouffville Telephone Co., Ltd.	D. W. Heise.	R.R. 1, Gormley.	1904	1,102	214	1,140	96,623	22,055 46
275	Bexley Telephone Co., Ltd.	J. E. McKague.	Bexley.	1914	15	19	38	750	51 35
376	Billings Mutual Telephone Co., Ltd.	Earl Graham.	Kagawong.	1912	47	23	23	1,571	32 14
289	Birch Lake Telephone Co., Ltd.	S. W. Scott.	Webbwood.	1920	12	9	18	1,792	78 10
364	Black Lake Telephone Co., Ltd.	R. G. Noonan.	Stanleyville.	1923	13	21	42	1,660	98 42
265	Blanchard Telephone System.	Dr. E. Blanchard.	Cannington.	1910	11	8	8	300	46 00
8	Blanshard Municipal Telephone System.	S. Adams.	R.R. 6 St. Marys.	1924	1,198	263	1,206	68,000	20,747 88
377	Blind Line Telephone Co., Ltd.	Robt. I. Jolley.	R.R. 4 Woodford.	1911	10	1½	10	1,845	107 20
291	Blyth Municipal Telephone System.	Jas. D. Moody.	Blyth.	1911	608	178	645	91,077	9,446 17
146	Boat Lake Telephone Co., Ltd.	Jas. Patterson.	R.R. 2, Warton.	1918	12	3	6	797	105 06
467	Bobcaygeon Rural Telephone Co., Ltd.	Geo. W. Taylor.	Bobcaygeon.	1914	114	53	108	5,081	1,501 51
175	Bognor Telephone Co., Ltd.	Wm. G. Jack.	R.R. 1 Bognor.	1924	12	12	24	604	214 90
7	Bolton Telephone Co., Ltd.	Robt. Smith.	Bolton.	1908	810	190	900	52,518	13,329 38
50	Bon Echo Long Distance Telephone Line.	Merrill Demison.	Bon Echo.	1926	.....	.....	.....	.....	.....
85	Bond's Corners Telephone Co., Ltd.	.....	.....	.....	.....	.....	.....	.....	.....
665	Bonfield Telephone Co., Ltd.	J. G. O'Connor.	Bonfield.	1920	25	9	18	1,311	233 16
116	Border Lumber Co., Ltd.	See Mathieu (J. A.)	Ltd. Telephone Sy.	.....	.....	.....	.....	.....	.....
378	Bonsfield Telephone Line.	G. E. Bousfield.	Milton.	Sold to	.....	.....	.....	.....	.....
215	Bracebridge & Muskoka Lakes Tel. Co. Ltd.	P. Hutchison.	Bracebridge.	1907	72	55	225	15,217	4,625 79
163	Bracebridge and Northwood Tel Co., Ltd.	Robert Meeks.	Bracebridge.	1922	11	5	5	1,300	88 00

System sold to The Bell Tel. Co. of Canada.

System leased

System sold to Bell Tel. Co. of Canada

System sold to Halton Tel. Co., Ltd.

TELEPHONE SYSTEMS—Continued
 Summary of Returns from Telephone Companies, Municipalities and Individual Owners of Telephone Lines up to December 31st, 1926.

No.	Name of Company or System	Secretary, Manager or Owner	P.O. Address	Year started	No. of tele-phones	Miles of poles	Miles of wire	Capital expended	Receipts	Expen- diture
								\$	\$	\$ c.
119	Brant Telephone Co., Ltd.	Jas. E. Mercalle	Hanover	1920	16	5	10	650	143 00	111 81
164	Brighton Municipal Telephone System	Fred. O. Wade	R.R. 6, Brighton	1914	447	147	639	35,600	8,593 46	6,461 25
677	Brockville Road Rural Telephone Co., Ltd.	Peter M. Hunter	R.R. 4, Smiths Falls	1920	18	7	14	1,260	171 00	155 29
276	Bromley Line Telephone Ass'n., Ltd.	Miss Jean M. Forrest	Douglas	1911	90	30	...	4,050	770 50	746 75
334	Brooke Municipal Telephone System	A. R. Chapman	Inwood	1911	992	214	1,160	93,977	15,243 22	14,598 98
217	Brougham & Grattan Telephone Co., Ltd.	H. M. Legris	Daere	1907	11	18	36	2,100	245 00	228 89
363	Bruce Municipal Telephone System	N. T. Jones	Box 475, Kincardine	1912	1,598	402	1,287	149,496	35,031 62	31,098 08
131	Brudenell Telephone Co., Ltd.	Wm. Foran	Brudenell	1922	5	10½	10½	1,200	56 00	56 00
437	Brudenell & Lyndock Municipal Telephone System	Simon Finnerty	R.R. 1 Killaloe	1924	25	26	64	2,332	352 59	356 13
205	Brussels, Morris & Grey Mun. Tel. System	A. H. Macdonald	Brussels	1909	1,058	266	820	90,576	14,180 67	9,745 75
9	Burnt River Telephone Co., Ltd.	Owen Rettie	R.R. 1, Burnt River	1909	113	60	220	9,718	2,759 01	2,141 19
218	Byron Telephone Co., Ltd.	J. H. Matthews	Delaware	1906	804	237	1,500	44,000	19,559 84	17,166 19
468	Calabogie & Renfrew Telephone System	W. P. J. Derham	Renfrew	1911	54	24	80	4,381	1,227 67	1,200 27
156	Caledon Municipal Telephone System	W. J. Warnock	Caledon	1922	344	163	345	32,625	7,176 78	9,409 98
238	Cambray Telephone Co., Ltd.	Angus Gillies	R.R. 4, Woodville	1908	293	85	103	10,331	2,213 39	1,665 37
13	Camden Independent Telephone Co., Ltd.	Louise Perrin	Cameron	1914	122	32	45	4,880	659 56	619 71
469	Cameron Telephone Co., Ltd.	Dept. National Defence	e, Ottawa					Perry,		
10	Camp Borden Telephone System	A. E. Reekie	Camp Borden	1920	11	5	10	800	101 00	68 35
661	Camperdown Telephone Co., Ltd.	J. Elmslie	Canada Cement Bldg., Montreal	1915	40	19	38	5,980	...	33 00
117	Canadian Explosives, Ltd.									
14	Caradoc Ekfrid Telephone Co., Ltd.	W. I. Laing	Melbourne	1907	939	224	1,014	27,500	9,671 00	11,143 94
684	Carlow Municipal Telephone System	J. W. Hudson	Bouler	1922	55	41	68	8,200	1,909 96	1,664 00
177	Carlsruhe Telephone Association	Charles Schwan	Carlsruhe	1904	3	4½	4½	300	43 00	42 00
71	Cathers Telephone System	W. C. Cauthers	Mansfield	1915	32	11	16	...	300 00	175 00
239	Carpenter-Hixon Co., Ltd., Tel. System	H. W. Bolger	Blind River	1917	4	17½	35	978	632 00	632 00
593	Cavan Rural Telephone Co., Ltd.	D. I. Hunter	Cavan	1917	54	15	30	2,348	858 11	648 18
181	Central Brant Telephone Co.	M. A. McCallum	Elmwood	1911	29	10	20	1,100	125 00	125 00
110	Centralia Mount Carmel Tel. Co., Ltd.	S. Davis	224 Richmond St., London	1923	38	22	49	3,900	590 00	322 45
672	Centre Road Telephone Co., Ltd.	J. G. Campbell	R.R. 1, Annan	1912	29	17½	70	2,147	382 28	326 29
241	Centre Thorah Telephone Co., Ltd.	Hugh McMillan	Beaverton	1909	16	8	16	600	120 10	102 35
381	Champlain Point Telephone Co., Ltd.	John T. Mulcahy	Orilla	1910	7	½	1	1,000	120 00	115 00
526	Chapple Municipal Telephone System	Thos. Hood	Barwick	1915	175	101	279	14,938	4,038 22	3,872 49

242	Chapleau Automatic Telephone Co., Ltd.	W. P. Spero.....	1924	289	2	400	36,062	7,056	20	5,226	18
86	Chatsworth Rural Telephone Company	A. R. Merriani.....	1909	121	41	131	6,930	1,823	66	1,182	70
138	Chelmsford Telephone System	R. V. Tremblay.....	1916	48	36½	46	11,000	2,103	34	3,350	34
292	Chingacousy Municipal Telephone System	W. D. Bowles.....	1911	655	173	1,606	37,000	9,527	95	9,426	31
382	Chippawa Hill Telephone Co., Ltd.	Jas. F. Nickason.....									
650	Chippewa Rural Telephone Co.	Joseph Dillon.....	1913	28	12	16	1,979	389	97	379	37
180	Chisholm Municipal Telephone System	R. W. Butler.....	1917	143	12	24	1,287	40	00	48	00
689	Christie Municipal Telephone System	Wells Thompson.....	1917	43	34	68	6,000	812	21	600	66
85	Clarence Telephone Co., Ltd.	Dr. P. E. Rochon.....	1922	48	24	76	6,132	1,198	04	1,261	92
379	Clarendon Telephone Company	Robt. H. Francis.....	1926	127	41	198	10,652	439	87	542	24
489	Clavering Telephone Co., Ltd.	A. J. Smith.....	1920	12	17	17	400	100	00	80	00
46	Cochrane Municipal Telephone System	P. D. Campbell.....	1913	33	9	18	1,650	318	65	305	92
147	Coe Hill Rural Telephone System	W. N. Gilroy.....	1920	374	3½	313	51,700	11,033	00	9,997	00
311	Colborne Municipal Telephone System	E. V. Lawson.....	1923	29	16	32	3,154	779	95	530	20
206	Colchester North Municipal Tel. System	T. W. Weyburn.....	1910	170	46	150	10,500	3,297	88	3,264	28
655	Coldstream Telephone System	Archie Bowman.....	1909	342	73	155	15,582	4,578	64	5,346	22
527	Coldwater Municipal Telephone System	A. G. McKenzie.....	1918	305	60	320	5,200	3,003	39	2,126	70
16	Conn Telephone Co., Ltd.	Howard Elliott.....	1908	298	100	250	20,629	4,321	18	3,116	95
407	Connaught Telephone Association	H. A. Conboy.....	1916	126	8	12	4,13	3,995	91	2,614	69
87	Coulson Jarratt Tel. Co., Ltd.	Chas. Duncan.....	1909	50	30	66	4,761	665	00	272	60
528	Cramahe Municipal Tel. System	Wm. O. Kane.....	1903	145	41	180	7,000	1,559	30	1,300	38
140	Crediton Rural Telephone System	Rev. J. N. George.....	1914	15	15	30	1,020	120	00	102	80
29	Crown Hill Telephone Co., Ltd.	W. R. McLean.....	1923	20	24	48	3,000	195	26	81	78
575	Cultus & Marston Telephone Co.	F. A. Black.....	1910	53	32	50	3,600	889	60	641	07
529	Daoust Telephone System	Dr. J. W. Orme.....	1916	353	219	652	37,000	7,681	15	6,877	12
356	Dawn Municipal Telephone System	A. B. Crews.....	1910	242	43	164	1,600	2,326	45	2,472	90
623	Dawson Township Telephone Co., Ltd.	W. H. Crews.....	1908	8	5½	11	750	113	00	104	00
89	Derby Telephone Co., Ltd.	A. B. Coutts.....	1908	120	28½	67½	8,150	2,083	50	1,750	32
190	Derryville Telephone Co., Ltd.	Chalmers Abbott.....	1912	12	9	9	190				
90	Desboro Telephone Co., Ltd.	A. Daoust.....	1916	45	25	25	2,600	575	00	125	00
298	Desboro-Mooresburg Tel. Co., Ltd.	J. J. Harrison.....	1911	396	118	468	22,330	5,697	64	5,055	08
530	Desmond Rural Telephone Co.	Geo. Bromley.....	1919	18	13	13	755	87	24	20	99
185	Dingwall Telephone Co., Ltd.	W. H. Hilts.....	1909	124	22½	54	7,551	2,476	96	2,475	93
310	Doane Telephone Association	Levi A. Westcott.....	1926								
568	Doe Lake Telephone Co., Ltd.	E. F. Urstadt.....	1910	161	48	166	5,450	1,819	36	2,138	45
531	Dominion Wood & Lumber Co., Ltd.	J. A. Christie.....	1914	20	12	12	565	154	00	123	55
309	Donegal Telephone Co., Ltd.	Fred T. Bell.....	1912	12	7	14	660	109	00	144	00
503	Dore Bay Telephone Co., Ltd.	Alex. R. Ross.....	1913	10	3½	6½	333	151	04	151	04
136	Douro Municipal Telephone System	Harold Tincombe.....	1909	23	6	14	2,130	363	00	276	70
		J. M. Snyder.....	1917	9	2	2	660	190	02	170	08
		Jas. Howard.....	1912	6	7	7	500	Priv. line	No rev.		
		Wm. Sack.....	1919	22	15	15	3,300	123	75	145	35
		John Garvey.....	1914	30	.....	24	1,500	242	20	242	20
			1920	100	51	119	11,933	1,925	72	1,753	55

In course of organization.

TELEPHONE SYSTEMS—Continued
 Summary of Returns from Telephone Companies, Municipalities and Individual Owners of Telephone Lines up to December 31st, 1926.

No.	Name of Company or System	Secretary, Manager or Owner	P.O. Address	Year started	No. of tele-phones	Miles of poles	Miles of wire	Capital expended		Receipts		Expenditure	
								\$	c.	\$	c.	\$	c.
383	Dover Municipal Telephone System.....	John Grant.....	45 La Croix St., Chatham.....	1909	478	80½	701	24,555	9,060	24	8,623	71	
143	Drummond & Elmsley Tel. Association...	Cameron McTavish...	R.R. 1, Perth.....	1915	17	11½	1,381	1,381	124	70	115	97	
244	Drummond Centre Telephone Co., Ltd....	J. Bailey Code.....	R.R. 6, Perth.....	1909	120	144	588	11,600	1,130	13	986	97	
510	Dryden Municipal Telephone System.....	J. E. Gibson.....	Dryden.....	1920	129	7	17	12,969	2,712	65	2,591	24	
235	Dunham Municipal Telephone System.....	R. R. 2, Warsaw..	R.R. 2, Warsaw..	1921	200	88½	346	18,556	4,387	31	3,877	63	
683	Dunannon Municipal Tel. System.....	Thos. Turriff.....	Detlor.....	1922	58	38¼	52	11,800	1,773	18	1,886	26	
598	Dunnett Municipal Telephone System.....	R. H. Wilson.....	Warren.....	1918	53	15	15	2,514	1,030	86	1,043	46	
219	Dunville Consolidated Tel. Co., Ltd.....	J. P. Harrison.....	Dunville.....	1907	1,731	286	920	144,189	41,641	27	34,281	00	
304	Dunsford Telephone, Light & Power Co-op. Ass'n., Ltd.....	John B. Kennedy.....	Dunsford.....	1907	189	77	190	11,894	2,865	74	2,044	54	
18	Dunwich & Dutton Telephone Co., Ltd....	John R. Cameron..	Box 84, Dutton..	1906	242	82	244	9,562	2,561	56	2,459	76	
609	Durham Road Telephone Co., Ltd.....	Robert Goode.....	Walkerton.....	1918	14	3	6	1,000	52	50	146	34	
687	Dysart Municipal Telephone System.....	Arthur Batchelor..	Haliburton.....	1922	120	35	179	21,114	3,811	96	4,233	16	
174	East Darlington Telephone Co., Ltd.....	W. W. Down.....	Bowmanville.....	1911	8	3	6	500	102	72	102	72	
384	East Grey Telephone Co., Ltd.....	Dr. L. G. Campbell..	Markdale.....	1912	50	22	55	6,000	1,167	88	786	20	
341	East Luther Telephone Co., Ltd.....	Wm. McKinley.....	Grand Valley.....	1902	376	65	138	13,117	3,851	00	2,435	23	
19	East Middlesex Telephone Co., Ltd.....	K. M. Whitehead..	Thorndale.....	1906	493	138	348	50,618	8,505	58	7,384	03	
460	East Woodville Telephone Co., Ltd.....	A. E. Benson.....	Woodville.....	1913	25	8¼	16½	4,025	198	20	191	64	
324	Edgar (The Robert Henry) Tel. Co., Ltd....	Robert Henry Edgar.	R.R. 1, Waldemar.	1906	410	167	247	11,000	2,100	00	1,740	00	
322	Egypt Telephone Co., Ltd.....	John D. Windatt..	Beaverton.....	1919	16	5½	20	1,550	110	00	109	00	
386	Eldon Union Telephone Co., Ltd.....	J. P. Campbell.....	Woodville.....	1912	91	22	44	4,545	1,050	54	712	53	
280	Elgin-Chaffey's Lock Telephone Co.....	Mrs. W. H. Fleming.	Chaffey's Locks..	1908	1	6½	13	1,000	10	75	37	37	
513	Elizabeth Bay Mutual Telephone Co.....	Oliver Ainslie.....	Elizabeth Bay.....	1912	11	9	9	333	4	40	14	63	
336	Elliott Private Telephone Line.....	James Elliott, Jr....	519 Wellington St. W., Sault Ste. Marie	1921	6	1	2	100	89	00	89	00	
387	Ellis Rural Telephone Co.....	J. H. Drew.....	Cannington.....	1911	18	5½	51½	900	450	98	450	95	
66	Elmsley South Rural Telephone Co., Ltd..	Louise Klyne.....	Lombardy.....	1914	73	65	133	5,000	997	86	832	71	
176	Elmtree Telephone System.....	Ryerson Kellar.....	Elntree.....	1920	3	4	8	160	14	50	58	00	
556	Emily Municipal Telephone System.....	Moses Ruth.....	R.R. 1, Omenee..	1918	252	175	462	29,530	4,919	20	5,130	69	
520	Emo Municipal Telephone System.....	E. T. McComb.....	Emo.....	1914	234	102	335	17,500	7,374	20	3,884	87	
145	Ennismore Municipal Telephone System..	Tom. C. Killen.....	R.R. 1, Peterboro	1920	105	65	120	12,209	2,848	79	2,998	01	
600	Enterprise Telephone Co., Ltd.....	W. T. Jackson.....	Enterprise.....	1921	78	16	32	30	1,476	42	1,402	62	
21	Erie Telephone Co., Ltd.....	E. G. Hoover.....	Selkirk.....	1906	1,711	313	1,088	117,534	35,301	95	35,634	59	
166	Erin Municipal Telephone System.....	Richard Bryan.....	R.R. 1, Hillsburg.	1919	416	177	474	47,393	9,751	83	9,986	85	

TELEPHONE SYSTEMS—Continued
 Summary of Returns from Telephone Companies, Municipalities and Individual Owners of Telephone Lines up to December 31st, 1926.

No.	Name of Company or System	Secretary, Manager or Owner	P.O. Address	Year started	No. of tele-phones	Miles of poles	Miles of wire	Capital expended	Receipts	Expen- diture
								\$	\$	\$
418	Golden Rule Telephone Co., Ltd.	Geo. Stringer	Dean Lake	1924	14	1	26	1,200	180 00	142 75
647	Gooderham Mutual Telephone Co.	Gordon D. Lake	Gooderham	1913	8	3/4	282	282	3,554 19	2,444 67
536	Goodwood Rural Telephone Co., Ltd.	C. F. R. Taylor	Carleton Place	1915	240	75	510	25,721	149 95	140 17
506	Goodwin Telephone Co., Ltd.	Wm. L. Strain	Foxey	1910	36	13	13	800	2,917 10	2,756 32
154	Gore Bay Municipal Telephone System	F. W. Major	Gore Bay	1917	117	6	71	6,750	1,717 00	171 29
599	"G" Telephone Co., Ltd.	Garfield Pearsall	R.R. 8, Picton	1917	19	7 1/2	21	1,717	131 20	155 97
246	Gore Mutual Telephone Co., Ltd.	F. C. Quick	Harrow	1908	12	1 1/2	1 1/2	732	5,842 78	5,940 58
208	Gosfield North Municipal Tel. System	S. H. Wyatt	Cottam	1908	374	5 1/4	177	22,970	4,144	257 02
442	Goulais Bay Telephone Co., Ltd.	Dora McLean	Goulais River	1911	14	27	54	4,144	105 50	105 50
676	Grattan Number Seven Tel. Ass'n., Ltd.	J. P. O'Brien	R.R. 4, Eganville	1921	20	15	30	3,600	3 mths. operation.	133 49
165	Green Hill Telephone System	Clarence Green	Clifford	1926	113	3 1/2	7	250	224 50	201 00
345	Green Hill Telephone System	W. S. Walker	R.R. 2, Markdale	1909	14	6	12	700	1,200	99 70
247	Greenwood Telephone Association, Ltd.	Chas. Taylor	Sault Ste. Marie	1917	16	5	13	700	1,200	374 10
37	Grimston Telephone Co., Ltd.	A. H. Mills	Dobbinon	1924	10	11 1/4	22 1/2	1,200	1,587	274 90
274	Grunwald Private Telephone Line	J. W. White	Huntsville	1912	20	5	22	1,587	374 10	274 90
134	Hagarty Municipal Telephone System	L. A. Finney	Killaloe	1922	54	18 1/2	36 1/2	8,183	2,189 27	1,985 98
537	Haldimand Municipal Tel. System	F. W. Hare	R.R. 5, Cobourg	1916	215	50	200	21,000	6,757 02	5,647 36
23	Haldimand Rural Telephone Co., Ltd.	Thos. Hardcastle	R.R. 3, Cobourg	1906	222	78	149	14,110	3,696 72	3,685 56
391	Haley's Station Telephone Co., Ltd.	James Crozier	Haley's Station	1913	45	20	40	2,250	109 60	109 60
24	Halton Telephone Co., Ltd.	W. E. Ford	Milton	1909	334	105 1/2	411	21,146	5,446 38	5,314 91
626	Hampshire Telephone Co., Ltd.	Peter Gray	R.R. 4, Orillia	1918	14	7 1/2	17	1,061	156 70	155 14
26	Harrisville Telephone Association, Ltd.	C. B. Adams	Harrisville	1903	556	141	519	15,977	11,267 14	9,350 98
306	Hartman Private Telephone Line	C. W. Hartman	Clarksburg	1910	5	1 1/2	1 1/2	200	Priv. line	No rev.
359	Harvey Municipal Telephone System	Ino. R. Smith	R.R. 1, Peterboro	1911	57	35	70	3,862	755 08	867 43
94	Harwood Rural Telephone Co., Ltd.	F. A. McFarland	R.R. 1, Baltimore	1907	40	27	36	1,990	689 45	1,021 15
538	Hawley Telephone Co., Ltd.	Ino. Craven	R.R. 2, Bath	1913	18	7	14	950	184 00	184 00
346	Hawthorne Hill Rural Tel. Co., Ltd.	G. Y. Donaldson	Palmerston	1908	217	60	216	11,000	3,400 00	2,775 00
173	Hay Township Municipal Tel. System	A. F. Hess	Zurich	1912	691	167	540	39,660	8,705 13	6,845 74
27	Hazeldean Rural Telephone Co., Ltd.	A. G. Appleby	Stittsville	1909	218	58	290	26,939	4,270 83	3,286 28
499	Head Lake Telephone Co., Ltd.	Arthur Davis	R.R. 1, Kirkfield	1913	13	10	20	65,000	19 50	15 60
269	Henderson (Dr.) Telephone Co., Ltd.	Mrs. C. W. Henderson	Cannington	1905	28	17	17	1,000	308 00	230 00
607	Herrington Telephone System	T. H. Herrington	Napanee	1915	25	8	24	1,200	375 00	270 00
139	Hilliard Municipal Telephone System	G. Harrison	Box 36, Thornloe	1921	63	34 1/2	105	8,296	1,414 23	1,432 11
201	Hilton Beach Telephone Line	W. J. Smith	Hilton Beach	1923	9	12	12	500	195 00	178 00
393	Hoath Head & Grey Telephone Co., Ltd.	Neil McDonald	R.R. 6, Owen Sound	1911	35	11	21	1,575	361 35	388 84

TELEPHONE SYSTEMS—Continued
 Summary of Returns from Telephone Companies, Municipalities and Individual Owners of Telephone Lines up to December 31st, 1926.

No.	Name of Company or System	Secretary, Manager or Owner	P.O. Address	Year started	No. of tele-phones	Miles of poles	Miles of wire	Capital ex-pen-ded		Receipts		Expen-diture	
								\$	c.	\$	c.	\$	c.
209	Korah Central Telephone Co., Ltd.	R. M. Moore	R.R. 1, Sault Ste. Marie	1922	40	22	44	4,300	580	77	588	45	
608	La Cloche Telephone Co., Ltd.	W. G. Emiry	Massey Station	1915	12	13½	27	1,085	132	00	124	92	
302	Laird Municipal Telephone System	Newman Johnson	Laird	1909	164	58	98	10,077	1,738	28	2,051	08	
444	Lake of Bays & Haliburton Tel. Co., Ltd.	Jas. D. Smith	Baysville	1910	30	40	40	3,250	1,003	18	1,003	18	
656	Lake Charles Telephone Co., Ltd.	W. A. Shier	R.R. 2, Warton	1921	46	30	30	3,600	379	80	348	23	
101	Lake Shore Mutual Telephone Co., Ltd.	H. M. Cameron	R.R. 1, Kincardine	1919	42	19	55	2,200	458	70	350	75	
60	Lambton Telephone Co., Ltd.	Clara B. Wakon	Sombra	1911	174	45	180	13,081	4,049	82	2,946	42	
225	Lanark & Carleton Counties Tel. Co., Ltd.	J. B. Wylie	Almonte	1909	364	156	587	28,420	7,333	95	5,151	74	
102	Lanark & Ramsay Telephone Co., Ltd.	R. M. Ruttle	R.R. 1, Carleton Pl.	1909	66	38	84	5,140	705	89	463	39	
226	Lansdowne Rural Tel. Co., Ltd.	S. E. Johnston	Lansdowne	1906	448	87	882	19,000	6,401	96	5,311	10	
484	La Vallée Municipal Telephone System	Wm. Hill	Devlin	1914	193	125	883	14,248	4,242	20	3,309	95	
249	Lavant Dalhousie Telephone Co., Ltd.	James Park	Poland	1909	83	60	146	4,000	929	71	737	41	
315	Lavant & Denbigh Telephone System												
606	Lee Valley Rural Telephone Co., Ltd.	Gordon L. Buell	Lee Valley	1914	30	20	50	2,400	148	56	101	38	
103	Leeds & Frontenac Rural Tel. Co., Ltd.	A. V. Rhodes	Seeley's Bay	1908	565	136	1,100	32,000	6,218	99	7,382	72	
33	Leeds & Grenville Ind. Telephone Co., Ltd.	Bernette M. Eyre	North Augusta	1908	736	242	630	29,643	13,421	41	12,337	79	
104	Leith & Annan Telephone Co., Ltd.	A. Cameron	Leith	1908	88	50	100	7,100	1,303	89	1,167	28	
34	Lennox Telephone Co., Ltd.	Thos. Gould	R.R. 3, Napanee	1908	90	30	140	8,184	2,314	58	1,173	49	
400	Lightning Telephone Co., Ltd.	Jas. C. McMaster	Hyndford	1921	14	11	22	1,500	163	00	152	85	
152	Lily Creek Telephone Co., Ltd.	J. F. McKinnon	R.R. 2, Marmora	1921	11	7	14	1,052	47	31	47	31	
82	Little Britain Telephone Co., Ltd.	Lloyd S. Mosure	Little Britain	1910	236	83	225	10,000	3,208	63	3,123	98	
616	Livingstone Rural Telephone Co., Ltd.	J. D. McLennan	R.R. 2, Thessalon	1918	46	20	28	6,645	201	12	201	12	
342	Loch End Ranch Private Telephone Line	W. R. Caldwell	Carleton Place	1923	1	½	2	240	Priv. line	No. rev.			
416	London Township Municipal Tel. System	J. A. Hughes	R.R. 3, Ilderton	1923	484	157	508	32,534	7,981	45	6,615	20	
64	Lorne Power Co., Ltd.	W. A. MacDonell	Coniston	Inclu	ded in Statistics of the Mond				Nickel Co	Ltd.			
184	Low Banks Telephone Co., Ltd.	Clarence Barrick	Low Banks	1905	17	4	8	500	64	95	64	95	
350	Lower Bonnechere Telephone Co., Ltd.	Wm. J. Sadler	Eganville	1922	13	6½	67	1,560	63	30	63	30	
187	Lucknow & Kinloss Telephone Co., Ltd.	H. C. Lane	R.R. 1, Holyrood	1908	18	18½	181½	1,500	190	64	150	02	
300	Lyndhurst Rural Telephone Co., Ltd.	G. E. Warren	Lyndhurst	1909	287	67	337	19,000	4,367	71	4,749	37	
271	Lyons Private Telephone Line	A. A. Lyons	Markdale	1907	58	17½	39	5,390	879	00	670	00	
337	Maberly Telephone Co., Ltd.	L. V. Wood	Verona	1912	47	16	71	3,050	809	95	649	10	
497	MacDonald Municipal Telephone System	E. Hutchison	Echo Bay	1911	75	32	90	4,700	863	25	821	25	
408	Macdonald Telephone Co.	C. Ostrander	Trenton	1912	29	9	27	1,968	221	50	221	50	
105	Madawaska Telephone Association, Ltd.	Mrs. Kate Holbein	Burnstown	1909	63	28	56	2,966	925	98	883	46	

TELEPHONE SYSTEMS—Continued

Summary of Returns from Telephone Companies, Municipalities and Individual Owners of Telephone Lines up to December 31st, 1926.

No.	Name of Company or System	Secretary, Manager or Owner	P.O. Address	Year started	No. of tele-phones	Miles of poles	Miles of wire	Capital expended	Receipts	Expenditure
								\$	\$	\$
39	Molesworth Ind. Tel. Co., Ltd.	Jas. Sangster	R.R. 1, Listowel.	1909	103	26	68	4,000	1,504 12	1,175 45
567	Monck Municipal Telephone System	Thos. Mears	Beaumaris.	1916	68	36 3/4	120 1/2	9,513	2,275 09	2,128 44
612	Mond Nickel Co., Ltd.	W. A. MacDonell	Coniston.	1912	102	98	196	16,000	pyt. syst.	353 97
230	Monk Rural Telephone Co., Ltd.	T. E. Argue	Carp.	1909	485	143	539	91,102	11,801 12	13,871 97
159	Mono Farmers Telephone Line.	Lawrence Barber	Rosemont.	1924	11	5	70	10	.....	.....
108	Mono Mills Telephone Co., Ltd.	Dr. H. V. Fagen	Mono Mills.	1908	178	62	610	7,620	2,356 25	2,036 21
43	Montague Centre Rural Tel. Co., Ltd.	Rev. W. G. Tabb	R.R. 5, Smith's Fls.	1925	29	17 1/4	.....	4,007	291 15	276 92
682	Monteagle & Herschel Municipal Tel. System									No. revenue.
631	Montreal (Ont.) Telephone Co., Ltd.	Clifford McLcan.	Maple Leaf.	1922	129	83	324	15,833	6,030 53	4,133 07
449	Moore Municipal Telephone System	F. B. Warren	R.R. 1, Brechin.	1920	27	11	24	2,530	275 00	165 00
252	Mooresville Telephone Association.	D. M. Johnston	Courtright.	1922	868	191	830	46,000	14,092 84	9,330 56
199	Morley Municipal Telephone System	Dr. J. W. Orme	Crediton.	Sold to	107	68	238	Co. of Canada	3,711 75	3,253 80
148	Mornington Municipal Tel. System	Guy G. Gamsby	Stratton.	1920	545	169	390	19,729	12,454 56	11,922 89
493	Moscow Mutual Telephone Co., Ltd.	W. T. Shearer	Poole.	1920	11	4	4	980	53 00	27 12
109	Moscow Rural Telephone Association.	Calvin Allen	R.R. 3, Moscow.	1923						
496	Mountain Telephone System	See The Van Luven Telephone System	Box 822, Midland	1922	12	4	9	1,188	264 00	145 16
42	Mount Albert Telephone Co., Ltd.	G. A. Bennett	Mount Albert.	1906	672	145	604	34,304	13,834 94	10,410 95
41	Mount Forest, Welling, & Grey Tel. Co., Ltd.	John Moore	Mount Forest.	1908	276	103	376	18,091	2,830 00	2,510 70
474	Mount Granite Tel. Co., Ltd.	J. B. Moon	359 Bruce St., Sault Ste. Marie.	1913	24	12 1/2	25	1,500	305 00	305 00
544	Mount Horeb Telephone Co., Ltd.	Jno B. Morley	R.R. 2, Shallow Lake.	1913	23	6 1/2	13	876	224 68	195 00
461	Mud Lake Rural Telephone Co., Ltd.	Wm. Hartwig	R.R. 6, Eganville.	1917	16	9	18	1,200	115 56	115 56
340	Murray Brighton Telephone Co.	A. G. Austin	Wooler.	1911	465	118	458	60,506	9,364 10	9,210 46
440	Muskoka & Parry Sound Tel. System.	W. E. Campsall	Emsdale.	1907	150	42	122	13,157	4,444 66	4,437 16
446	Muskoka River Telephone Co., Ltd.	W. G. Scholey	Bracebridge.	1912	6	2	4	541	50 00	68 29
443	Muskoëa, Victoria and Haliburton Tel. Co. Ltd.									
457	Muskat Lake Telephone Co., Ltd.	Jas. R. Elliott	Clear Lake.	1912	60	32	89	6,392	1,481 32	1,307 24
473	Mutual Telephone Co., Ltd.	Ernest Collins	Cobden.	1913	16	8	19	723	98 00	89 00
		H. E. Dudenhofer	Box 441, Orillia.	1912	20	1	2	494	385 05	288 06
253	New California Telephone Co., Ltd.	Norman Her.	Kingsville.	1908	74	12 1/2	67	6,385	1,474 79	1,482 71
44	New Dundee Rural Telephone Co., Ltd.	I. Lautenschlager	New Dundee.	1909	192	60	180	8,500	3,953 20	3,458 03
45	New Glasgow Telephone Co., Ltd.	Arch Maccoll.	R.R. 2, Rodney.	1908	152	46	250	7,000	1,722 54	1,405 85
167	Nipissing Private Telephone Line.	J. B. Moore	Nipissing.	1909	4	8	16	1,500	158 25	49 41

15	Nipissing Municipal Telephone System.....	Thos. Rowlandson.....	Nipissing.....	1922	50	22	45	7,466	564 12	439 54
47	Niissouri Telephone Co., Ltd.....	Robt. Oliver.....	Thamesford.....	1903	119	62	220	8,870	3,417 73	2,577 55
48	Noisy River Telephone Co., Ltd.....	I. Scott.....	Creemore.....	1908	1,163	238	621	85,707	18,756 33	15,118 46
49	Norfolk County Telephone Co., Ltd.....	T. D. Duncombe.....	Waterford.....	1907	1,909	420	2,477	127,671	44,265 57	36,685 48
111	Norfolk & Tillsonburg Tel. Co., Ltd.....	Albert Swinn.....	Tillsonburg.....	1906	295	72	359	14,931	3,935 83	3,632 63
112	Norland Independent Telephone Co., Ltd.....	E. F. Le Craw.....	Norland.....	1907	24	11	9	585	45 60	11 41
488	Normanby Telephone Co., Ltd.....	George Damm.....	Ayton.....	1913	21	41½	11	700	167 25	148 18
151	North Algona Municipal Tel. System.....	Wm. J. Hugli.....	Golden Lake.....	1922	61	41	102	10,016	2,034 61	1,851 85
410	North Bonaventure Telephone Ass'n., Ltd.....	W. J. Smith.....	Box 1081, Renfrew.....	1912	13	6	12	1,065	180 35	145 79
113	North Brant Telephone Co., Ltd.....	Bert Monk.....	R.R. 2, Elmwood.....	1908	29	14	14	775	366 18	360 93
348	North Brock Telephone Co., Ltd.....	George E. Samis.....	Cannington.....	1919	12	4½	8½	610	56 94	56 94
549	North Cavan Telephone Co., Ltd.....	J. A. Vance.....	Millbrook.....	1915	8	6	12	600	120 00	107 00
114	Northcote Farmers' Telephone Co., Ltd.....	Jas. A. Crozier.....	R.R. 3, Renfrew.....	1909	45	11	18	1,800	45 00	170 60
294	North Easthope Municipal Telephone System.....	Margaret McGillawee.....	R.R. 1, Stratford.....	1910	478	83½	533	61,980	6,926 02	6,892 61
328	Northern Mutual Telephone Association.....	Chas. Jones.....	Marmora.....	1914	32	10	10	2,914	208 25	197 70
491	North Horton Telephone Association, Ltd.....	R. G. Cole.....	R.R. 5, Renfrew.....	1913	60	25	25	2,180	295 00	546 31
456	North Monck Municipal Tel. System.....	Albert J. Goltz.....	Bardsville.....	1924	19	16	32	2,643	416 64	389 51
245	North Norwich Municipal Tel. System.....	E. Burpee Palmer.....	R.R. 3, Norwich.....	1923	620	144	545	29,670	13,039 61	11,345 06
573	North Renfrew Telephone Co., Ltd.....	L. O. Christman.....	Beachburg.....	1920	386	108	414	26,135	5,936 65	5,545 53
563	North River Municipal Telephone System.....	J. W. Fell.....	R.R. 1, Coldwater.....	1915	67	20¾	82	5,435	1,306 93	1,107 16
231	North Wellington Telephone Co., Ltd.....	D. T. Small.....	Arthur.....	1905	193	68	162	12,108	3,119 85	3,025 76
440	Oakwood Telephone Co., Ltd.....	A. L. Short.....	Box 24, Oakwood.....	1909	183	25	130	6,500	2,271 24	1,949 70
659	O'Connell Rathburn Telephone Co., Ltd.....	Jas. O'Connor.....	O'Connell.....	1920	16	5	5	1,580	320 00	300 06
17	O'Connor Municipal Tel. System.....	D. R. White.....	Kakabeka Falls.....	1922	18	12	30½	2,478	785 55	794 86
413	Oldfields Telephone System.....	Mrs. A. C. McDonell.....	Dundalk.....	1909	15	3½	7	550	150 00	95 00
211	Oliver Municipal Telephone System.....	H. Gorton.....	Murillo.....	1911	103	41	124	15,003	2,879 65	2,195 06
192	Omence Telephone Co., Ltd.....	W. R. Robinson.....	R.R. 3, Omence.....	1909	88	24½	72	3,178	1,305 00	1,493 71
51	Oro Telephone Co., Ltd.....	J. M. Mitchell.....	Oro Station.....	1909	273	111	244	15,700	3,691 41	4,010 29
91	Orono Telephone Co., Ltd.....	Dr. Neil Colville.....	Orono.....	1906	366	100	416	14,000	5,740 92	5,058 47
158	Osceola Telephone Association.....	Jas. V. Donegan.....	R.R. 4, Cobden.....	1913	15	7½	15½	1,785	128 89	128 89
361	Osprey Municipal Telephone System.....	E. C. Pedlar.....	R.R. 1, Singhampton.....	1912	220	32	32	14,080	3,150 76	2,615 06
485	Otonabee Municipal Telephone System.....	F. A. Eason.....	Keene.....	1914	383	120	395	27,000	3,658 28	3,132 77
459	Palace Road Telephone Co., Ltd.....	S. C. S. McKim.....	Napanee.....	1911	44	11	34	3,000	719 95	492 21
414	Park Head Telephone Co., Ltd.....	P. H. Rourke.....	Park Head.....	1911	23	8	16	800	324 30	324 30
669	Parikh Arkona Telephones, Ltd.....	M. H. Chamberlain.....	Arkona.....	1922	372	119	474	25,000	7,296 10	6,678 46
171	Pastime Telephone Association.....	J. W. Seigel.....	R.R. 3, Cobden.....	1913	15	9	12	1,200	86 00	86 00
254	Peerless Telephone Co., Ltd.....	Mrs. Geo. Lockhart.....	R.R. 5, Woodstock.....	1909	9	2	4	450	140 70	140 70
266	Pefferlaw Telephone System, Ltd.....	W. A. Gibson.....	Pefferlaw.....	1921	175	68	91	5,060	2,020 75	1,678 01
454	Pelée Island Municipal Telephone System.....	Chas. L. Mills.....	Pelée Island.....	1913	121	26½	53	17,080	3,694 66	3,603 34
658	Penbroke & Mud Lake Telephone Co., Ltd.....	Robt. J. Goudie.....	R.R. 3, Pembroke.....	1921	13	5	10	815	144 25	144 25
255	Penhurst Telephone Co., Ltd.....	A. G. Karn.....	R.R. 3, Woodstock.....	1920	71	2	2	540	97 28	109 89

TELEPHONE SYSTEMS—Continued

Summary of Returns from Telephone Companies, Municipalities and Individual Owners of Telephone Lines up to December 31st, 1926.

No.	Name of Company or System	Secretary, Manager or Owner	P.O. Address	Year started	No. of tele-phones	Miles of poles	Miles of wire	Capital ex-pen-ded		Receipts		Expen-diture
								\$	C.	\$	C.	
317	Peoples Mutual Telephone Co., Ltd.	A. D. Way	Picton	1907	378	80	194	9,500	2,353	83	2,268	71
52	Peoples Telephone Co., of Forest, Ltd.	R. B. Crosbie	Forest	1906	773	562	1,118	14,268	13,728	86	12,536	74
53	Peoples Telegraph & Telephone Co., Ltd.	Miss W. V. Wallace	Bancroft	1905	70	10	59	9,020	2,939	76	2,964	29
551	Percy Municipal Telephone System	T. H. Menzies	Warkworth	1916	542	145	568	51,100	14,450	80	12,106	42
81	Perry Telephone System	Fred. A. Perry	Box 546, Napanee	1916	700	265	735	51,000	9,660	00	9,660	00
415	Perth & Christie's Lake Telephone Co., Ltd.	R. M. Miller	Box 446, Perth	1909	92	24	45	3,000	740	20	575	47
277	Petawawa Rural Telephone Co., Ltd.	Herb. Moss	R.R. 6, Pembroke	1923	28	22½	45	3,136	211	44	211	44
196	Pine Grove Telephone Ass'n., Ltd.	Neil O'Connor	R.R. 4, Orillia	1910	15	5½	65½	655	150	00	145	10
417	Pine Valley & Douglas Telephone Ass'n.	Robt. A. Hamilton	R.R. 4, Cobden	1912	42	14	56	2,748	488	05	492	70
115	Pioneer Telephone Co., Ltd.	Thos. P. Hart	R.R. 8, Woodstock	1908	33	14½	29	1,058	1,030	60	629	28
625	Plane Settlement Telephone Co., Ltd.	Edward Plane	Madoc	1918	17	9½	19	1,200	135	00	142	06
552	Pleasant Valley Telephone Co., Ltd.	Millford Dupre	R.R. 6, Napanee	1914	26	8	20	1,712	300	44	212	49
553	Pleasant View Telephone Co., Ltd.	Harvey Roseborough	Owen Sound	1915	4	8	4	480	100	00	100	00
256	Plum Hollow & Eloida Ind. Tel. Co., Ltd.	S. Hollingsworth	Box 324, Athens	1909	300	65	420	50,000	5,123	48	4,694	86
150	Plummer, Aberdeen & Galbraith Rural Tel. Association	Angus McPhee	Ophir	1927	45	35	112	4,400	527	86	372	69
555	Plummer Additional & LeRoy Municipal Telephone System	Thos. Humphries	Bruce Mines	1915	53	33	76	3,900	1,047	99	655	08
475	Point Mara Telephone Co., Ltd.	Mildred Prophet	Brechin	1920	18	5½	11	1,400	62	68	107	46
654	Pontypool Telephone Co., Ltd.	L. C. Haskell	330 Coristine Bldg									
347	Porcupine Power & Telephone Co., Ltd.	F. D. Jackson	Montreal, Que.	1911	865	21½	889	108,388	27,509	85	19,148	38
203	Port Arthur Municipal Telephone System	A. M. Jones	Port Arthur	1902	3,349		3,860	267,291	92,223	22	90,384	27
54	Port Hope Telephone Co., Ltd.	C. F. Proudfoot	Clarke	1899	387	143½	375	23,406	7,812	19	3,895	01
565	Prescott Rural Telephone Co., Ltd.	Walter H. Kipp	Routhier	1915	118	48	174	8,795	2,014	26	1,576	69
55	Princeton & Drumbo Telephone Co., Ltd.	David Graham	Princeton	1908	631	169	1,021	40,359	11,458	93	10,004	13
412	Progressive Telephone Co., Ltd.	A. J. Provencher	Dobbinon	1924	79	36	72	6,350	967	20	1,265	26
193	Provencher (A. J.) Telephone Line	Matthias Harrison	Silver Centre	1923	4	4	4	250	Priv. line	No. rev.		
632	Purbrook & Fraserburg Tel. Co., Ltd.	H. Guest	Fraserburg	1920	22	16½	23½	4,464	770	47	385	87
515	Queens Line Telephone Co., Ltd.	Dr. P. I. Quinlan	Forester's Falls	1922	45	23½	29½	2,700	305	00	267	00
165	Quinlan Telephone System	C. B. Dennison	Stratford	Sold to	The Bell	Telephone		Co. of	Canada			
502	Radcliffe Municipal Telephone System	A. E. Lidkie	Combermere	1923	20	23	23	4,200	849	59	891	50
480	Raglan Municipal Telephone System		Palmer Rapids	1923	60	118	236	8,260	961	67	808	22

TELEPHONE SYSTEMS—Continued

Summary of Returns from Telephone Companies, Municipalities and Individual Owners of Telephone Lines up to December 31st, 1926.

No.	Name of Company or System	Secretary, Manager or Owner	P.O. Address	Year started	No. of tele-phones	Miles of poles	Miles of wire	Capital expended	Receipts	Expen- diture
								\$	\$	\$
318	Second Line Drummond Tel. Co., Ltd.	C. R. Cullen	R.R. 1, Perth	1914	36	10	30	3,800	288 00	271 00
423	Section Telephone System	Morley C. Wigle	Kingsville	1908	10	Leased from B. T. Co.		550	120 00	127 06
448	Selby Telephone Co., Ltd.	W. W. Adams	Newburgh	1913	114	33	164	7,840	980 00	427 00
624	Shakespeare Telephone Co., Ltd.	Leonard Maville	Webbwood	1919	4	3	6	100	24 00	24 00
144	Sherwood Municipal Telephone System	Wm. H. Mills	Barry's Bay	1922	28	17	38	7,020	1,432 78	1,349 15
424	Shuniah Municipal Tel. System	W. H. Wilson	Port Arthur	1913	96	55	230	16,246	3,908 95	2,453 19
30	Sidney Bell Telephone Co.	G. Cummings	R.R. 5, Trenton	1908	81	Leased from B. T. Co.		1,600	1,385 10	1,385 10
425	Silcote Telephone Co., Ltd.	Thos. Farquharson	R.R. 1, Annan	1912	51	23	53	4,635	588 00	550 22
267	Silver Creek Telephone Co., Ltd.	G. R. Rathwell	R.R. 1, Warton	1913	26	12	29	2,760	286 00	348 70
212	Slate River Municipal Tel. System	H. J. Carter	Murillo	1909	70	37	86	11,678	1,888 65	1,883 38
272	Snake River Telephone Co., Ltd.	H. M. Shields	R.R. 3, Cobden	1911	51	7	43	2,503	768 75	762 61
220	Somerville Municipal Telephone System	C. O. Hodgson	Burnt River	In course of						
390	South Algona Municipal Tel. System	J. P. Nelan	Ruby	1923	14	12	24	2,511	206 82	286 22
197	South Brant Rural Telephone Co., Ltd.	Hugh Traynor	Walkerton	1910	25	5½	11	1,200	192 00	197 00
232	South Bruce Rural Telephone Co., Ltd.	J. N. Scheffer	Mildmay	1910	807	676	1,352	47,879	11,757 64	8,241 21
427	South Colchester Telephone Co., Ltd.	Evan Wright	Harrow	1909	11	3	3	350	78 52	78 52
123	South Crosby Rural Telephone Co., Ltd.	J. S. Dargavel	Elgin	1909	432	121	380	33,000	6,935 95	5,650 92
428	South Diagonal Telephone Co., Ltd.	W. J. Saunders	R.R. 7, Owen Sound	1911	86	49	98	3,700	1,359 97	1,237 08
333	South Elderslie Telephone Co., Ltd.	M. D. McClure	Chesley	1911	38	16	38	1,025	323 32	275 37
470	South Janetville Telephone Co., Ltd.	D. W. Heaslip	Janetville	1918	21	8	8	648	20 20	9 50
61	South Leeds & Pitsburg Tel. Co., Ltd.	B. E. Slier	Gananoque	1908	292	73	820	14,000	5,407 62	5,614 25
62	South Malahide Telephone Co., Ltd.	H. E. Cohoon	Aylmer	1905	919	160	887	65,650	36,897 13	34,889 13
429	South McNaughton Tel. Co., Ltd.	James E. Cole	R.R. 2, Renfrew	1912	16	6	6	500	169 05	228 89
642	South Norfolk Telephone Co., Ltd.	T. D. Duncombe	Waterford	1920	263	59½	246	21,111	7,285 14	4,328 08
564	South Plantagenet Rural Tel Co., Ltd.	D. L. Scott	Fournier	1915	189	67	225	14,993	4,143 40	1,710 51
580	South Walsingham Tel. Co., Ltd.	Freeman Moffatt	R.R. 1, Clear Crk	1917	54	20	32	1,650	250 67	362 59
63	Southworld & Dunwich Tel. Ass'n., Ltd.	John H. Sells	Shedden	1906	308	128	148	9,000	4,448 50	4,275 35
183	Sparrow Lake Private Telephone Line	Orma T. Clipsham	Sparrow Lake	1908	12	5	14	736	164 96	158 31
352	Sparta Rural Telephone Co., Ltd.	J. E. Turrill	Sparta	1910	178	48	138	6,600	2,378 36	1,981 12
142	Spence Monteith Telephone Co., Ltd.	Thos. E. Ryder	Inholmes	1923	23	22	22	2,911	561 36	327 49
479	Spey River Telephone Co., Ltd.	Robt. J. Hill	R.R. 4, Owen Sound	1913	9	Leased from B. T. Co.		435	82 28	87 28
198	Sprague Telephone System	J. G. Sprague	Mountain View	1898	468	125	500	27,000	7,500 80	6,246 10
122	Spruing Creek Telephone Co., Ltd.	W. J. Burton	R.R. 6, Woodstock	1909	11	¾	1½	423	187 59	123 61

	Name changed to	Telephone	any.	161½	14,855	3,466	2,519
430	Spring Creek Telephone Co.	ible Falls Rural Tel	78	49½	1922	14,855	2,519
686	Stanhope Municipal Telephone System.	Carnarvon.	99	50	1917	2,475	2,241
330	St. Joseph Island Telephone Co., Ltd.	Richards Land'g.	42	14	1908	3,650	152
431	Stornton Telephone Company.	Gallingertown.	43	29½	1923	7,600	1,189
153	Strong Municipal Telephone System.	Sundridge.	262	47	1911	1,605	3,203
432	Stroud Telephone Co., Ltd.	Crainvale.	544	110	1910	3,829	6,706
214	St. Vincent Municipal Telephone System.	Meaford.	20	8	1911	7,498	27
433	Sullivan & Bentinck Telephone Co., Ltd.	R.R. 1, Chesley.	18	6	1911	1,000	156
521	Sullivan & Elderslie Telephone Co., Ltd.	Chesley.	269	83	1911	800	121
67	Sunderland Telephone Co., Ltd.	Sunderland.	9	2½	1907	116	72
312	Sunny Valley Telephone Co., Ltd.	Chatsworth.	20	8	1910	22,145	2,616
189	Superior Telephone Club.	R.R. 1, Sault Ste. Marie.	4	1½	1918	138	72
660	Suroff Telephone System.	Allan Park.	220	100	1920	324	80
124	Sutton & North Gwillimbury Tel. Co., Ltd.	Sutton West.	25	22	Sold	12,000	3,600
200	Swale (Cecil) Telephone System.	R.R. 3, Warton.	23	6	1908	1,899	330
436	Sydenham Union Telephone Co., Ltd.	R.R. 6, Owen Sound	33	12	1911	1,265	259
353	Tara Keady Telephone Co., Ltd.	R.R. 5, Tara.	65	35	1912	3,060	416
323	Tarbutt Municipal Telephone System.	MacLennan.	23	24	1912	4,267	898
233	Tarentorus Telephone Co., Ltd.	Sault Ste. Marie.	195	40	1910	2,421	460
301	Tay Municipal Telephone System.	Victoria Harbor.	2,447	420	1911	15,306	2,687
68	Temiskaming Telephone Co., Ltd.	New Liskeard.	122	396	1905	332,386	98,239
296	Temiskaming & Northern Ontario Railway Commission.	North Bay.	33	12	1905	3,603	332,386
186	Tenth Concession Alice & Fraser Telephone Co., Ltd.	R.R. 7, Pembroke.	33	12	1923	147,868	79,419
149	Thames Road Telephone System.	Exeter.	106	33	1907	2,090	207
69	Thamesville Telephone Co., Ltd.	Thamesville.	617	126	1909	6,800	1,513
70	Theford, Arkona & East Lambton Telephone Co., Ltd.	Thamesville.	370	66½	1910	37,000	9,681
487	Thessalon Municipal Telephone System.	Theford.	75	31	1916	5,625	3,992
643	Tichborne Telephone Co., Ltd.	Thessalon.	24	11	1920	5,345	1,154
179	Tilbury East Municipal Telephone System.	Tichborne.	353	118	1918	2,028	49
362	Tilbury West Municipal Telephone System.	R.R. 1, Merlin.	557	121	1911	13,000	6,201
161	Tiny Municipal Telephone System.	Comber.	85	30	1911	33,643	7,622
450	Town Line of Brant & Eltterslie Telephone Association.	Lafontaine.	16	5½	1922	7,264	1,427
559	Town Line Tel. Association of Stafford & Pembroke, Ltd.	R.R. 1, Chesley.	12	4	1911	480	40
295	Tuckersmith Municipal Telephone System.	R.R. 4, Pembroke.	875	216	1918	685	78
6	Tyendinaga Municipal Telephone System.	Brucefield.	114	52	1909	64,135	12,481
595	Udney Telephone Co., Ltd.	Lonsdale.	97	33	1917	18,000	1,485
463	Uththoff Telephone Co., Ltd.	Udney.	110	70	1911	6,335	1,281
		Uththoff.	110	70	1911	11,000	2,156

TELEPHONE SYSTEMS—Continued
 Summary of Returns from Telephone Companies, Municipalities and Individual Owners of Telephone Lines up to December 31st, 1926.

No.	Name of Company or System	Secretary, Manager or Owner	P.O. Address	Year started	No. of tele-phones	Miles		Capital expended	Receipts		Expen- diture
						of poles	of wire		\$	c.		$	c.
290	Unger Telephone Co., Ltd.	Chas. Ponting	St. Williams	1909	14	5	\$ 455	137 40	149 66		
354	Union Telephone Co., Ltd.	O. B. Henry	Drayton	1909	438	110	15,379	8,039 65	8,116 52		
574	Upper Admaston Rural Telephone Line	Thos. Rowan	R.R. 2, Renfrew	1917	33	14	1,806	374 37	372 77		
495	Uptergrove Telephone Co., Ltd.	Henry H. Wainman	Uptergrove	1914	15	9½	914	295 29	296 18		
72	Urban & Rural Telephone Co., Ltd.	Miss Eugenie Le Fevre	Bothwell	1910	505	137	27,226	8,725 69	6,323 70		
109	Van Luven Telephone System	E. L. Van Luven	Moscow	1910	6	5	250	395 48	395 48		
637	Valley Farm Private Telephone Line	Mark Taylor	Parry Sound	1919	5	3	1,000	40 00	40 00		
481	Verner Telephone System	C. Poitras	Verner	1919	4	1	1,000	40 00	40 00		
547	Verona & Bellrock Telephone Co., Ltd.	Eugene Goodberry	Verona	1914	30	7	831	123 50	137 27		
638	Verona & Frontenac Telephone Co., Ltd.	A. E. Beattie	Godfrey	1920	99	45	6,000	965 27	801 05		
452	Vespa Municipal Telephone System	A. B. Cutts	Barrie	1913	197	54½	89½	3,011 81	2,299 96		
32	Vesta Telephone Co., Ltd.	H. M. Fortune	R.R. 1, Chesley	1924	23	9	710	245 43	219 52		
639	Victoria Rural Telephone Co., Ltd.	W. H. Whalen	Walford Station	1918	31	19	2,250	310 00	363 70		
640	Victory Telephone Co., Ltd.	Geo. Anderson	R.R. 4, Chesley	1920	83	23	8,400	520 84	427 92		
125	Violet Hill Telephone Co., Ltd.	Jas. Horner	Camilla	1910	14	9	650	110 00	92 00		
636	Wahnapiatae Power Co., Ltd.	A. H. Skene	Sudbury	1919	4	25	2,487	394 70	209 85		
126	Wallacetown & Lake Shore Tel. Ass'n., Ltd.	S. V. Jones	Wallacetown	1905	257	69	5,910	4,074 95	3,941 32		
264	Walsingham Centre & Port Rowan Tel. Co., Ltd.	Henry Woodford	Port Rowan	1924	19	9	700	114 53	114 58		
351	Waterloo Municipal Telephone System	Anson Groh	R.R. 2, Preston	1913	383	114	23,488	5,583 00	4,916 29		
566	Watt Municipal Telephone System	Wm. C. Knowles	Ufford	1916	125	56½	300	1,920 55	1,675 01		
73	Welland County Telephone Co., Ltd.	C. N. Glenny	Bridgeburg	1906	2,061	227	2,310	153,175	43,313 85		
641	Wellesley Municipal Telephone System	J. C. McKay	R.R. 1, Wallenstein	1919	668	142	664	64,162	14,443 00		
585	West Campbell & Mills Telephone Co., Ltd.	John Thorburn	Poplar	1917	44	25	45	2,300	337 51		
74	West Garafraza Tel. Co-op. Ass'n., Ltd.	Frank Vallery	Belwood	1905	108	39	78	6,356	2,036 63		
622	West Lake Telephone Co., Ltd.	Fred. C. Schoen	Massey	1917	10	8	910	64 72	64 72		
576	Westport Rural Telephone Co., Ltd.	J. F. McNally	Westport	1913	340	75½	310	22,620	5,347 35		
316	West Tay Municipal Telephone System	W. H. Montgomery	R.R. 1, Wyebridge	1923	32	10	40	3,544	381 00		
75	West Williams Rural Tel. Association	J. D. Wilson	R.R. 3, Kerwood	1910	169	63	203	13,124	2,073 22		
76	Wheatley Telephone Co., Ltd.	R. N. Epplett	Wheatley	1908	345	104	440	22,882	6,274 30		
286	White Telephone System, Ltd.	Ed. Brackenbury	Leamington	1908	22	4	16	1,000	308 84		
670	Whitestone & Deer Lake Telephone Line	E. C. Bennett	Ardberg	1923	12	12	12	2,000	240 00		
570	Widdfield Municipal Telephone System	W. Winter	Box 262, North Bay	1915	47	22	64	5,434	1,175 48		
172	Wightman Telephone System	Robt. Wightman	Clifford	1909	282	72	150	15,000	4,275 00		

494	Wilberforce Rural Telephone Co., Ltd.	Richard T. McClellnon	1913	22	6	12	1,548	114 00	114 00
466	Wilmot Municipal Telephone System	A. R. G. Smith	1922	298	128	504	23,680	6,566 12	8,532 93
483	Windham Telephone Co.	J. C. Boll	1912	24	16	36	1,750	360 00	232 70
482	Winter Private Telephone Line	W. A. Winter	Sold to				Canada		
439	Wolford Rural Telephone Co., Ltd.	W. Ballantyne	1909	96	20½	28½	4,000	1,105 00	1,105 00
168	Wolltown Telephone Co., Ltd.	Gordon Spence	1913	22	9	11	1,050	209 85	218 45
321	Woodbridge & Vaughan Tel. Co., Ltd.	Dr. Fred. W. Routley	1910	998	134	801	51,757	14,391 00	15,978 56
438	Woodford Telephone Co., Ltd.	Emerson Long	1912	30	13	36	2,355	338 60	288 64
127	Woodville Glen Telephone Association	Norman W. Jamieson	1910	35	8½	19	1,500	396 41	331 68
326	Worthington Municipal Tel. System	Edmund Kearney	1921	26	13	39	3,764	651 34	635 93
77	Wroxeter Rural Telephone Co., Ltd.	Miss E. P. Hazlewood	1909	383	73½	296	20,000	4,599 78	3,803 19
651	Yarker Telephone Co.	Manley Foster	1915	8	.....	2½	310	510 00	510 00
339	Yarker Rural Telephone Co., Ltd.	Alfred Galbraith	1921	69	25	35	4,195	488 65	392 37
78	Yarmouth Rural Telephone Co., Ltd.	George Westlake	1908	112	31	112	5,255	2,269 59	2,177 58
571	Zion Line Telephone Association, Ltd.	S. McMillan	1912	22	9	18	2,150	180 45	180 00
674	Zion & Wolsley Telephone Co., Ltd.	W. H. Reekin	1909	23	12	24	1,380	219 40	219 40
128	Zorra Telephone Co., Ltd.	Dr. R. N. Green	1906	169	59	164	10,798	3,099 71	2,875 18

ESTIMATED NUMBER OF TELEPHONE STATIONS IN THE DOMINION OF CANADA

	1925	1926	Dec. 31st, 1925	Dec. 31st 1926
Bell Telephone Company of Canada:				
Quebec	188,720	205,574		
Ontario	400,601	424,587		
	589,321	630,161	589,321	630,161
Local Telephone Systems in Quebec and Ontario in which the Bell Company is interested, or with which it is otherwise connected, viz.:				
Quebec	33,639	35,028		
Ontario	97,885	97,434		
	131,524	132,462	131,524	132,462
Local Telephone Systems in Quebec and Ontario in which the Bell Company is not interested, or with which it is not otherwise connected, viz.:				
Quebec	6,235	5,536		
Ontario	12,800	13,025		
	19,035	18,561	19,035	18,561
PRINCE EDWARD ISLAND				
The Telephone Co. of Prince Edward Island	3,093	3,338		
Connecting	1,219	1,230		
Non-connecting				
	4,312	4,568	4,312	4,568
NOVA SCOTIA				
Maritime Tel. & Tel. Co.	33,052	33,917		
Connecting	6,681	6,733		
Non-connecting				
	39,733	40,650	39,733	40,650
NEW BRUNSWICK				
New Brunswick Tel. Co.	27,086	28,269		
Connecting	1,855	1,867		
Non-connecting	145	158		
	29,086	30,294	29,086	30,294
MANITOBA				
Manitoba Government System	65,249	67,578		
Connecting	3,410	3,426		
Non-connecting	318	365		
	68,977	71,369	68,977	71,369
SASKATCHEWAN				
Saskatchewan Government System	32,573	33,700		
Connecting	67,527	68,448		
Non-connecting				
	100,100	102,148	100,100	102,148
ALBERTA				
Alberta Government System	55,186	55,687		
Connecting	14,995	15,473		
Non-connecting				
	70,181	71,160	70,181	71,160
BRITISH COLUMBIA				
British Columbia Tel. Co.	87,890	94,558		
Connecting	1,214	1,291		
Non-connecting	6,050	6,066		
	95,154	101,915	95,154	101,915
Yukon Telephone Syndicate	200	200	200	200
Unknown or unaccounted for	1,147	1,203	1,147	1,203
Total			1,148,770	1,204,691
Increase, 4.8 per cent.				

COMMENTS.—The above statistics were compiled by the Bell Telephone Co. of Canada from official and best unofficial sources available and may be considered reasonably accurate. The "Unknown or Unaccounted For" stations indicated are based on 0.1 per cent. of the total stations in the Dominion.

COMPARATIVE TELEPHONE STATION DEVELOPMENT TO 100 POPULATION
DOMINION OF CANADA—FOR YEARS 1925-1926

Province	Official Census 1921	Telephones Dec. 31, '26	Per cent. Telephones to 100 Pop. Dec. 31, '26	Telephones Dec. 31, '25	Per cent. Telephones to 100 Pop. Dec. 31, '25
Quebec.....	2,361,199	246,138	10.4	228,594	9.7
Ontario.....	2,933,662	535,046	18.2	511,286	17.4
Prince Edward Island.....	88,615	4,568	5.1	4,312	4.8
Nova Scotia.....	523,837	40,650	7.7	39,733	7.6
New Brunswick.....	387,876	30,294	7.8	29,086	7.5
Manitoba.....	610,118	71,369	11.6	68,977	11.3
Saskatchewan.....	757,510	102,148	13.4	100,100	13.2
Alberta.....	588,454	71,160	12.1	70,181	11.9
British Columbia.....	524,582	101,915	19.4	95,154	18.1
Yukon.....	4,157	200	4.8	200	4.8
Northwest Territories and Royal Canadian Navy.....	8,473	.....	.....	.....	.....
Unknown or unaccounted for.....	.....	1,203	.....	1,147	.....
Total.....	8,788,483	1,204,491	13.7	1,148,570	13.1

TELEPHONE SYSTEMS IN ONTARIO CONNECTING WITH THE BELL TELEPHONE
COMPANY OF CANADA, LIMITED, SHOWING
POINTS OF CONNECTION.

Systems marked (*) operate their own switchboard.

Point of Connection.	Name of System.
Ailsa Craig.....	Falkirk Telephone Co., Ltd.
Alexandria.....	*Glangarry Telephone Co., Ltd.
Vankleek Hill.....	
Allenford.....	*Allenford Rural Telephone Co., Ltd.
Alliston.....	Beeton Telephone Co., Ltd. <i>See</i> Beeton.
Almonte.....	Lanark & Carleton Counties Telephone Co., Ltd.
Alvinston.....	*Brooke Municipal Telephone System.
Watford.....	
Inwood.....	
Arden.....	*Arden and Parham Telephone System. <i>See</i> Harrowsmith.
Arkona.....	*Parkhill, Arkona Telephones Ltd. <i>See</i> Parkhill.
Arnprior.....	*Horton McNab Telephone Co., Ltd. <i>See</i> Renfrew.
“.....	*McNab Telephone Co., Ltd.
Arthur.....	North Wellington Telephone Co., Ltd.
Athens.....	*Plum Hollow & Eloida Telephone Co., Ltd.
Aultsville.....	*Stormont Telephone Co., Ltd.
Aurora.....	*Bethesda & Stouffville Telephone Co., Ltd. <i>See</i> Stouffville.
“.....	*Woodbridge & Vaughan Telephone Co., Ltd. <i>See</i> Woodbridge.
Aylmer.....	*South Malahide Telephone Co., Ltd.
Port Burwell.....	
Ayr.....	Ayr Rural Telephone Co., Ltd.
Ayton.....	*Green Telephone System
Baden.....	*Wilmot Municipal Telephone System. <i>See</i> New Hamburg.
Bancroft.....	*People's Telegraph & Telephone Co., Ltd.
	And the following systems which connect through the People's Telegraph & Telephone Co., Ltd.:
	Carlow Municipal Telephone System.
	Faraday Municipal Telephone System.
	Monteagle & Herschel Municipal Telephone System.
Barrie.....	Barrie-Angus Telephone Co., Ltd.
“.....	Crown Hill Telephone Co., Ltd.
“.....	*Ivy Thornton Telephone Co., Ltd.
“.....	Vespra Municipal Telephone System.
Barrie.....	*Oro Telephone Co., Ltd.
Orillia.....	
Barrie.....	*Stroud Telephone Co., Ltd.
“.....	*Camp Borden Tel. System.
Beaverton.....	Centre Thorah Telephone Co., Ltd.
“.....	Egypt Telephone Co., Ltd.
Beeton.....	} Beeton Telephone Co., Ltd.
Alliston.....	
Bradford.....	
Cookstown.....	
Tottenham.....	
Belle River.....	*Rochester Municipal Telephone System. <i>See</i> Woodslee.
Belleville.....	*McCreary Telephone Co., Ltd.
Belleville.....	*J. Grant Sprague.
Trenton.....	
Wellington.....	
Belleville.....	Sydney Bell Telephone Association.
Belwood.....	*West Garafraxa Telephone Co-operative Association, Ltd.
Fergus.....	
Bethany.....	*Manvers Municipal Telephone System.
Blind River.....	Carpenter Hixon Co., Ltd. Telephone Line.
“.....	Mississauga River Improvement Company.
“.....	Golden Rule Tel. Co., Ltd.
Blyth.....	*Blyth Municipal Telephone System.
Bobcaygeon.....	Bobcaygeon Rural Telephone Co., Ltd.
“.....	*Dunsford Telephone Light & Power Co-operative Association, Ltd. <i>See</i> Dunsford.
Bolton.....	*Bolton Telephone Co., Ltd.
Bonfield.....	*Bonfield Telephone Co., Ltd.
Bothwell.....	*Urban & Rural Telephone Co., Ltd.

Point of Connection.	Name of System.
Bowmanville.....	Bethesda Mutual Telephone Co., Ltd.
“	East Darlington Telephone Co., Ltd.
“	Salem Telephone Co., Ltd.
“	*Port Hope Telephone Co., Ltd. <i>See</i> Port Hope.
“	*Orono Telephone Co., Ltd.
Bracebridge.....	*Bracebridge & Muskoka Lakes Telephone Co., Ltd.
“	Monck Municipal Telephone System.
“	*Lake of Bays & Haliburton Telephone Co., Ltd.
“	Muskoka River Telephone Co., Ltd.
“	Muskoka, Victoria & Haliburton Telephone Co., Ltd.
“	Bracebridge & Northwood Telephone Co., Ltd.
“	Purbrook & Fraserburg Telephone Co., Ltd.
“	North Monck Municipal Telephone System.
Bradford.....	Beeton Telephone Co., Ltd. <i>See</i> Beeton.
Brampton.....	*Chinguacousy Municipal Telephone System.
Brechin.....	Udney Telephone Co., Ltd.
“	Montreal (Ontario) Telephone Co., Ltd.
“	Point Mara Telephone Co., Ltd.
Bridgeburg.....	*Welland County Telephone Co., Ltd.
Ridgeway.....	
Stevensville.....	
Brigden.....	*Moore Municipal Telephone System.
Courtright.....	
Brighton.....	*Brighton Municipal Telephone System.
Campbellford.....	
Brighton.....	*Murray-Brighton Telephone System. <i>See</i> Frankford.
Brockville.....	*Addison Rural Independent Telephone Co., Ltd.
Brockville.....	*Leeds & Grenville Independent Telephone Co., Ltd.
Prescott.....	
Brockville.....	Mallorytown Telephone Co., Ltd. <i>See</i> Mallorytown.
Brooklin.....	*Home Telephone Co., Ltd. <i>See</i> Markham.
Bruce Mines.....	Aberdeen-Plummer Centre Line Telephone Association, Ltd.
“	Plummer Additional & Lefroy Municipal Telephone System.
“	Plummer, Aberdeen & Galbraith Rural Telephone Association, Ltd.
“	Rose Telephone Co., Ltd.
“	Rydal Bank-Plummer Telephone Co., Ltd.
Brussels.....	*Brussels, Morris & Grey Municipal Telephone System.
Seaforth.....	
Burford.....	Princeton & Drumbo Telephone Co., Ltd. <i>See</i> Princeton.
Burk's Falls.....	*Magnetawan Municipal Telephone System.
Caledon.....	*Caledon Municipal Telephone System.
Orangeville.....	
Caledonia.....	Dunnville Consolidated Telephone Co., Ltd. <i>See</i> Dunnville.
Cambray.....	*Cambray Telephone Co., Ltd.
Woodville.....	
Cameron.....	*Cameron Telephone Co., Ltd.
Campbellford.....	*Brighton Municipal Telephone System. <i>See</i> Brighton.
“	*Percy Municipal Telephone System. <i>See</i> Hastings.
Cannington.....	Ellis Rural Telephone Association.
“	Henderson Telephone Co., Ltd.
“	George B. Johnston & R. C. Brandon.
“	*Manilla Union Telephone Co., Ltd. <i>See</i> Woodville.
“	Saginaw Telephone Company.
“	North Brock Telephone Co., Ltd.
“	Riverview Telephone Co., Ltd.
“	Derryville Telephone Co., Ltd.
Cargill.....	Durham Road Telephone Co., Ltd. <i>See</i> Walkerton.
“	South Brant Telephone Co., Ltd. <i>See</i> Walkerton.
Carleton Place.....	Goodwood Rural Telephone Co., Ltd.
“	*Lanark & Ramsay Telephone Association.
“	W. R. Caldwell (Loch End Ranch Private Telephone System).
Carlsbad Springs.....	*Gloucester Township Telephone Co., Ltd.
Carp.....	*Monk Rural Telephone Co., Ltd.
Cayuga.....	*Erie Telephone Co., Ltd.
Hagersville.....	
Jarvis.....	
Chatham.....	Dover Municipal Telephone System.
Chatsworth.....	Chatsworth Rural Telephone Co., Ltd.
“	Desboro Telephone Co., Ltd.
“	McKenzie Keward Rural Telephone System.
“	Spey River Telephone Co., Ltd.

Point of Connection	Name of System.	
Chatsworth.....	Sunny Valley Telephone Co., Ltd.	
Chesley.....	Desboro Mooresburg Telephone Co., Ltd.	
“.....	Fourteenth of Brant Telephone Co., Ltd.	
“.....	Gillies Hill Telephone Co., Ltd.	
“.....	Marmion Telephone Co., Ltd.	
“.....	North Brant Telephone Co., Ltd.	
“.....	North Elderslie Telephone Association.	
“.....	Progressive Telephone Co., Ltd.	
“.....	South Elderslie Telephone Co., Ltd.	
“.....	Sullivan & Bentinck Telephone Co., Ltd.	
“.....	Sullivan & Elderslie Telephone Co., Ltd.	
“.....	Town line of Brant & Elderslie Telephone Co., Ltd.	
“.....	Vesta Telephone Co., Ltd.	
“.....	Victory Telephone Co., Ltd.	
Chesterville.....	*A. E. Glasgow. <i>See</i> Crysler.	
Clarke.....	*Port Hope Telephone Co., Ltd. <i>See</i> Port Hope.	
Clifford.....	*Green Telephone System.	
Ayton.....	} And the following systems which connect through the Green Telephone System:	
Neustadt.....		
		Ayton Telephone Co., Ltd.
		Normanby Telephone Co., Ltd.
	Wightman Telephone System.	
	*Suroff Telephone System (via Ayton).	
Clinton.....	Bayfield Municipal Telephone System. (Connects through Tucker-smith Municipal Telephone System.)	
Clinton.....	} Goderich Township Municipal Telephone System.	
Coderich.....		
Clinton.....	McKillop Municipal Telephone System. <i>See</i> Seaforth.	
“.....	Tuckersmith Municipal Telephone System. <i>See</i> Seaforth.	
Cobden.....	Acorn Rural Telephone Association, Ltd.	
“.....	Connaught Telephone Association.	
“.....	Fourth Line Telephone Association.	
“.....	Muskkrat Lake Telephone Co., Ltd.	
“.....	Osceola Telephone Association.	
“.....	Pastime Telephone Association.	
“.....	Queen's Line Telephone Co., Ltd.	
“.....	Rox Rural Telephone Association.	
“.....	Snake River Telephone Co., Ltd.	
“.....	Wolfstown Telephone Co., Ltd.	
“.....	Zion Line Telephone Association, Ltd.	
“.....	*Kerr Line Telephone Co., Ltd.	
“.....	*North Renfrew Telephone Co., Ltd. <i>See</i> Pembroke.	
Coboconk.....	*Burnt River Telephone Co., Ltd. <i>See</i> Fenelon Falls.	
“.....	Bexley Telephone Co., Ltd.	
“.....	Head Lake Telephone Co., Ltd.	
“.....	Norland Independent Telephone Co., Ltd.	
“.....	Rumney Settlement Telephone Co., Ltd.	
Cobourg.....	Front Road Telephone Association.	
“.....	*Haldimand Rural Telephone Co., Ltd.	
“.....	*Cold Springs Rural Telephone Co., Ltd.	
“.....	*Harwood Rural Telephone Co., Ltd.	
“.....	Kingston Road Rural Telephone Association.	
Coe Hill.....	*Coe Hill Rural Telephone Co.	
Colborne.....	*Cramahe Municipal Telephone System.	
“.....	*Haldimand Municipal Telephone System. <i>See</i> Grafton.	
Coldwater.....	*Coldwater Municipal Telephone System.	
	And the following systems which connect through the Coldwater Municipal Telephone System:	
	C. G. Millard.	
	*Medonte Municipal Telephone System.	
	*North River Municipal Telephone System.	
Comber.....	} *Tilbury West Municipal Telephone System.	
Tilbury.....		
Coniston.....	*Mond Nickel Company, Limited.	
Cookstown.....	Beeton Telephone Co., Ltd. <i>See</i> Beeton.	
“.....	Innisfil Telephone Co., Ltd. <i>See</i> Lefroy.	
Copper Cliff.....	*British American Nickel Corporation, Ltd. <i>See</i> Sudbury.	
Cottam.....	*North Gosfield Municipal Telephone System. <i>See</i> Essex.	
Courtright.....	*Moore Municipal Telephone System. <i>See</i> Bridgen.	
Crediton.....	Thames Road Telephone System. <i>See</i> Exeter.	

Point of Connection.	Name of System.
Crediton.....	Crediton Rural Telephone System. (F. W. Clark.)
Exeter.....	
Creemore.....	Noisy River Telephone Co., Ltd.
Stayner.....	
Crysler.....	
Morewood.....	*A. E. Glasgow.
Chesterville.....	
Finch.....	
Russell.....	
Embrun.....	
Dashwood.....	*Hay Municipal Telephone System. <i>See</i> Hensall.
Delhi.....	Windham Telephone Company. (Connects through Norfolk County Telephone Company, Ltd.)
".....	*Norfolk County Telephone Co., Ltd. <i>See</i> Simcoe.
Desbarats.....	*Johnson Municipal Telephone System.
Deseronto.....	F. A. Perry Telephone System.
".....	D. H. Maracle (Tyendinaga Indian Reserve) Telephone System.
".....	*Tyendinaga Municipal Telephone System.
Detlor.....	*Dungannon Municipal Telephone System.
Douglas.....	Bromley Telephone Association, Ltd.
".....	Brougham & Grattan Telephone Co., Ltd.
".....	Evergreen Telephone Co., Ltd.
".....	Lightning Telephone Co., Ltd.
".....	Foster Bros. Telephone Co., Ltd.
".....	Upper Admaston Telephone Co., Ltd.
".....	Hyndford Douglas Telephone Association.
Drayton.....	Union Telephone Co., Ltd.
Dublin.....	*McKillop, Logan & Hibbert Telephone Co., Ltd.
Mitchell.....	
Seaforth.....	
Dundalk.....	Bethel Rural Telephone Line.
".....	Oldfields Telephone Line.
Dungannon.....	*Goderich Rural Telephone Co., Ltd.
Goderich.....	
Lucknow.....	
Dunnville.....	*Dunnville Consolidated Telephone Co., Ltd.
Caledonia.....	
Dunsford.....	*Dunsford Telephone, Light & Power Co-operative Association, Ltd.
Bobcaygeon.....	
Durham.....	*Suroff Telephone System. <i>See</i> Hanover.
Dutton.....	Dunwich & Dutton Telephone Co., Ltd.
".....	*Southwold & Dunwich Telephone Association, Ltd. <i>See</i> Shedden.
".....	*Wallacetown & Lake Shore Telephone Assn., Ltd. <i>See</i> Wallacetown.
Echo Bay.....	*Laird Municipal Telephone System.
".....	*MacDonald Municipal Telephone System. (Connects through Laird Municipal Telephone System.)
Eganville.....	*Rankin Telephone Co.
Pembroke.....	

And the following systems which connect through the Rankin Telephone Co.:

	Mink Lake Rural Telephone Co., Ltd.
	Brudenell Telephone Co., Ltd.
	Brudenell & Lyndock Municipal Telephone System.
	South Algona Municipal Telephone System.
	*Radcliffe Municipal Telephone System.
	*North Algona Municipal Telephone System.
	*Hagarty & Richards Municipal Telephone System.
	*Sherwood Municipal Telephone System.
	*Raglan Municipal Telephone System.
	Lower Bonnechere Telephone Co., Ltd.
	Wilberforce Rural Telephone Co., Ltd.
	Donegal Telephone Co., Ltd.
	Mud Lake Telephone Co., Ltd.
	Augsburg Telephone Association, Ltd.
	Grattan No. 7, Telephone Association, Ltd.
	Dore Bay Telephone Co., Ltd.
	Cormac and Eganville Telephone Co., Ltd.
Elgin.....	Elgin-Chaffey's Locks Telephone Co.
".....	*South Crosby Rural Telephone Co., Ltd.
Elmvale.....	*Flos Municipal Telephone System.
Elmwood.....	*Alexander Telephone System.

Point of Connection.	Name of System.
Embro.....	*Innerkip Rural Telephone Co., Ltd. <i>See</i> Innerkip
“	*Missouri Telephone Co., Ltd.
“	Zorra Telephone Co., Ltd.
Embrun.....	*A. E. Glasgow. <i>See</i> Crysler.
Emsdale.....	*Muskoka & Parry Sound Telephone System (W. E. Campsall).
Huntsville.....	
“	Dept. of Lands & Forests of the Province of Ontario (Algonquin Park Tel. System). (Connects through Muskoka & Parry Sound Tel. Co.).
Ennismore.....	*Ennismore Municipal Telephone System.
Enterprise.....	*Enterprise Telephone Co., Ltd.
Erin.....	*Erin Municipal Telephone System.
Essex.....	*Maidstone Municipal Telephone System.
“	Colchester North Municipal Telephone System.
Essex.....	*Gosfield North Municipal Telephone System.
Cottam.....	
Essex.....	*Sandwich South Municipal Telephone System. <i>See</i> Windsor.
Exeter.....	Crediton Rural Telephone System. <i>See</i> Crediton.
“	*Hay Municipal Telephone System. <i>See</i> Hensall.
“	Blanshard Municipal Telephone System. <i>See</i> St. Mary's.
Exeter.....	Thames Road Telephone System. (W. R. Frayne.)
Crediton.....	
Everett.....	*Everett Telephone Co., Ltd.
Fenella.....	*Fenella Rural Telephone Co., Ltd.
Fenelon Falls.....	*Burnt River Telephone Co., Ltd.
Coboconk.....	
Fenelon Falls.....	*Dysart Municipal Telephone System And the following systems which connect through the Dysart Municipal Telephone System. *Minden Municipal Telephone System. *Stanhope Municipal Telephone System.
Fenelon Falls.....	Fenelon Rural Telephone Co., Ltd.
Fergus.....	*West Garafraxa Telephone Co-operative Assn., Ltd. <i>See</i> Belwood.
Finch.....	*A. E. Glasgow. <i>See</i> Crysler.
Flesherton.....	*Osprey Municipal Telephone System.
Fordwich.....	*Howick Municipal Telephone System.
Forest.....	*People's Telephone Co., of Forest, Ltd.
Fournier.....	*Prescott Rural Telephone Co., Ltd.
Frankford.....	*D. S. Austin. (Murray-Brighton Telephone System.)
Brighton.....	
Franktown.....	*Beckwith & Montague Rural Telephone Co., Ltd.
Gananoque.....	South Leeds & Pittsburg Rural Telephone Co., Ltd.
“	*Lansdowne Rural Telephone Co., Ltd.
Georgetown.....	Ashgrove Rural Telephone Co., Ltd.
Glencoe.....	*Caradoc-Ekfrid Telephone Co., Ltd. <i>See</i> Melbourne.
Goderich.....	*Goderich Rural Telephone Co., Ltd. <i>See</i> Dungannon.
“	*Colborne Township Municipal Telephone System.
“	Goderich Township Municipal Telephone System. <i>See</i> Clinton.
“	Salkeld Telephone System.
Corrie.....	*Wroxeter Rural Telephone Co., Ltd. <i>See</i> Wroxeter.
Grafton.....	*Haldimand Municipal Telephone System.
Colborne.....	
Grand Valley.....	*East Luther Telephone Co., Ltd.
Granton.....	*Blanshard Municipal Telephone System. <i>See</i> St. Mary's.
Gravenhurst.....	Doe Lake Telephone Co., Ltd.
“	Ryde Municipal Telephone System.
Hagersville.....	*Erie Telephone Co. Ltd. <i>See</i> Cayuga.
Haley Station.....	Haley Station Rural Telephone Co., Ltd.
Hanover.....	*Suroff Telephone System.
Durham.....	
Hanover.....	Carlsruhe Telephone Association.
“	Brant Telephone Co., Ltd.
Harrietsville.....	*Harrietsville Telephone Association, Ltd.
Harrison.....	Minto Telephone Co., Ltd.
Harrow.....	Gore Mutual Telephone Co., Ltd.
“	South Colchester Telephone Co., Ltd.

Point of Connection.	Name of System.
Harrowsmith.....	*Arden and Parham Telephone System.
Arden.....	
	And the following systems which connect through the Arden and Parham Telephone System:
	Conboy Telephone System (H. A. Conboy).
	Elmtree Telephone System.
	McLean Telephone System.
	Tichborne Rural Telephone Association.
	Clarendon Telephone System (Robt. Francis)
Hastings.....	*Percy Municipal Telephone System.
Campbellford.....	
Havelock.....	Belmont Municipal Telephone System.
Hawkesbury.....	Scottish Canadian Magnesite Co., Ltd.
Hensall.....	*Hay Municipal Telephone System.
Exeter.....	
Dashwood.....	
Hensall.....	Tuckersmith Municipal Telephone System. <i>See</i> Seaforth.
Hepworth.....	Amabel Telephone Association.
".....	Maple Grove Telephone Association.
".....	Mount Horeb Telephone Co., Ltd.
".....	Park Head Telephone Association.
".....	Spring Creek Telephone Association.
Hespeler.....	*Waterloo Municipal Telephone System. <i>See</i> Kitchener.
Huntsville.....	*W. E. Campsall. (Muskoka and Parry Sound Telephone System.) <i>See</i> Emsdale.
".....	*Huntsville & Lake of Bays Telephone Co., Ltd.
".....	*Huntsville & Portage Telephone System.
".....	Ravenscliffe Telephone Co., Ltd.
".....	Grunwald Telephone Line. (J. W. White.)
".....	Fairyport Telephone Line (E. J. Ecclestone).
Ingersoll.....	*Ingersoll Telephone Co., Ltd.
Innerkip.....	*Innerkip Rural Telephone Co., Ltd.
Plattsville.....	
Tavistock.....	
Woodstock.....	
Embro.....	
Inwood.....	*Brooke Municipal Telephone System. <i>See</i> Alvinston.
Iona.....	Southwold & Dunwich Telephone Assn., Ltd. <i>See</i> Shedden.
Iron Bridge.....	*Iron Bridge Telephone Co., Ltd.
Jarvis.....	*Erie Telephone Co., Ltd. <i>See</i> Cayuga.
Kaladar.....	*Bon Echo Long Distance Telephone Line. Kaladar and Northern Telephone Co. (connects through Bon Echo Long Distance Telephone Line).
Keene.....	*Otonabee Municipal Telephone System.
Peterboro.....	
Kincardine.....	Lake Shore Mutual Telephone Co., Ltd. (connects through Bruce Municipal Telephone System).
Kincardine.....	*Bruce Municipal Telephone System.
Port Elgin.....	
Paisley.....	
King.....	*Woodbridge & Vaughan Telephone Co., Ltd. <i>See</i> Woodbridge.
Aurora.....	
Richmond Hill.....	
Kingston.....	*Leeds & Frontenac Rural Telephone Co., Ltd. <i>See</i> Seeley's Bay.
Kingsville.....	New California Telephone Co., Ltd.
".....	Scratch & Palmer Telephone System.
".....	Section Telephone System. (Wendell J. Wigle and Howard Wigle.)
Kitchener.....	*Waterloo Municipal Telephone System.
Waterloo.....	
Preston.....	
Hespeler.....	
Lakefield.....	*Dummer Municipal Telephone System.
Lanark.....	*Hopetown Telephone Co., Ltd.
".....	*Lavant-Dalhousie Telephone Co., Ltd.
".....	*Mississippi Telephone Co., Ltd.
Leamington.....	Mersea Municipal Telephone System.
".....	*Peele Municipal Telephone System.
".....	White Telephone Co., Ltd.
Lefroy.....	*Innisfil Telephone Co., Ltd.
Cookstown.....	
Lindsay.....	Hogg & Lytle, Limited.

Point of Connection.	Name of System.
Linwood.....	*Wellesley Municipal Telephone System.
Wellesley.....	
Listowel.....	*Molesworth Independent Telephone Co., Ltd.
Little Britain.....	*Little Britain Telephone Co., Ltd.
Lobo.....	*London Township Municipal Telephone System. <i>See London.</i>
Lombardy.....	*Elmsley South Rural Telephone Co., Ltd.
London.....	*Belmont Telephone Co-operative Association, Ltd. <i>See St. Thomas.</i>
St. Thomas.....	
London.....	*Byron Telephone Co., Ltd.
London.....	*London Township Municipal Telephone System.
Lucan.....	
Strathroy.....	
Lobo.....	
Ailso Craig.....	*London Township Municipal Telephone System. <i>See London.</i>
Lucan.....	
Lucknow.....	*Goderich Rural Telephone Co., Ltd. <i>See Dungannon.</i>
".....	*Huron & Kinloss Municipal Telephone System. <i>See Ripley.</i>
".....	Lucknow & Kinloss Telephone Co., Ltd.
Lyndhurst.....	*Lyndhurst Rural Telephone Co., Ltd.
MacLennan.....	*Tarbutt Municipal Telephone System.
Madoc.....	Plane Settlement Telephone Co., Ltd.
Mallorytown.....	*Mallorytown Telephone Co., Ltd.
Brockville.....	
Markdale.....	East Grey Telephone Co., Ltd.
".....	A. A. Lyons. (Lyons Telephone System.)
".....	W. S. Walker. (Green Hill Telephone System.)
".....	Euphrasia Municipal Telephone System.
".....	Glene!g Municipal Telephone System.
Markham.....	*The Home Telephone Co., Ltd.
Pickering.....	
Brooklin.....	
Uxbridge.....	
Unionville.....	
Marmora.....	Lily Creek Telephone Co., Ltd.
".....	Northern Mutual Telephone Association.
".....	Marmora Municipal Telephone System.
Martintown.....	*Martintown Rural Telephone Co., Ltd.
Massey.....	La Cloche Rural Telephone Co., Ltd.
".....	Victoria Rural Telephone Co., Ltd.
".....	West Lake Telephone Co., Ltd.
Maxville.....	*Roxborough Municipal Telephone System. <i>See Moose Creek.</i>
Meaford.....	Blind Line Telephone Co., Ltd.
".....	St. Vincent Municipal Telephone System.
Melbourne.....	*Caradoc-Ekfrid Telephone Co., Ltd.
Mt. Brydges.....	
Strathroy.....	
Glencoe.....	
Merlin.....	Tilbury East Municipal Telephone System. <i>See Tilbury.</i>
Metcalf.....	*Metcalf Rural Telephone Co., Ltd.
Midland.....	Mountain Telephone System.
".....	West Tay Municipal Telephone System.
Mildmay.....	*South Bruce Rural Telephone Co., Ltd.
Teeswater.....	
Millbrook.....	*Millbrook Rural Telephone Co., Ltd.
	And the following systems which connect through the Millbrook Rural Telephone Co., Ltd.:
	Cavan Rural Telephone Co., Ltd.
	Fallis Line Telephone Co., Ltd.
	North Cavan Rural Telephone Co., Ltd.
Milton.....	Halton Telephone Co., Ltd.
Milverton.....	*Morningson Municipal Telephone System.
Minesing.....	*Minesing Telephone System (A. Ronald).
".....	Minesing Telephone Co., Ltd. (connects through Minesing Tel. System).
Mitchell.....	*McKillop, Logan & Hibbert Telephone Co., Ltd. <i>See Dublin.</i>
".....	*Blanshard Municipal Telephone System. <i>See St. Mary's.</i>
Moose Creek.....	*Roxborough Municipal Telephone System.
Maxville.....	
Morewood.....	*A. E. Glasgow. <i>See Crysler.</i>

Point of Connection.	Name of System.
Moscow.....	*Van Luven Telephone System. And the following systems which connect through the Van Luven Telephone System: Bellrock Shimo Telephone Co., Ltd. Desmond Rural Telephone Co., Ltd. Addington Telephone Co., Ltd. Verona & Bellrock Telephone Co., Ltd. Portland Rural Telephone Co. (Joseph Foster). Moscow Mutual Telephone Co., Ltd.
Mount Albert.....	*Mount Albert Telephone Co., Ltd.
Newmarket.....	
Mount Brydges.....	*Caradoc-Ekfrid Telephone Co., Ltd., <i>See Melbourne.</i>
Mount Forest.....	*Conn Telephone Co., Ltd.
".....	Mount Forest, Wellington & Grey Telephone Co., Ltd.
Mount Julian.....	*Apsley Telephone Co., Ltd.
Nairn Centre.....	Lorne Power Company, Ltd.
Napanee.....	Fretts & Briscoe Telephone Association.
".....	Hawley Telephone Co., Ltd.
".....	T. H. Herrington.
".....	Lennox Telephone Co., Ltd.
".....	Palace Road Telephone Co., Ltd.
".....	F. A. Perry. Perry Telephone System. <i>See Adolphustown.</i>
".....	Pleasant Valley Telephone Co., Ltd.
".....	Riverdale Rural Telephone Association.
Navan.....	*Russell Rural Telephone Co., Ltd.
Neustadt.....	*Green Telephone System. <i>See Clifford.</i>
Newburgh.....	*Perry Telephone System.
New Dundee.....	New Dundee Rural Telephone Co., Ltd.
New Hamburg.....	*North Easthope Municipal Telephone System. <i>See Shakespeare.</i>
New Hamburg.....	*Wilmot Municipal Telephone System.
Baden.....	
Newmarket.....	Doane Telephone Association.
".....	*Mount Albert Telephone Co., Ltd. <i>See Mount Albert.</i>
North Bay.....	Widdifield Municipal Telephone System.
".....	*Temiskaming & Northern Ontario Railway Commission. And the following systems which connect through the T. & N. O. Railway Commission: *Cochrane Municipal Telephone System. *Porcupine Power and Telephone Company, Ltd. *Temiskaming Telephone Co., Ltd. Government Telephone Line. (Ville Marie to New Liskeard.) *Kerns Municipal Telephone System. *Hilliard Municipal Telephone System. Ansonville Telephone Co., Ltd. *Northcote Farmers' Telephone Co., Ltd. *Hazeldean Rural Telephone Co., Ltd. <i>See Ottawa.</i> *North Norwich Municipal Telephone System. <i>See Woodstock.</i> *Oakwood Telephone Co., Ltd. *Ernestown Rural Telephone Co., Ltd. *Dawn Municipal Telephone System. <i>See Rutherford.</i> *Omeme Telephone Co., Ltd. Emily Municipal Telephone System.
Northcote.....	
North Gower.....	
Norwich.....	
Oakwood.....	
Odessa.....	
Oil Springs.....	
Omeme.....	
".....	
Orangeville.....	*The Robert Henry Edgar Telephone Co., Ltd.
Shelburne.....	
Orangeville.....	*Caledon Municipal Telephone System. <i>See Caledon.</i>
".....	*Mono Mills Independent Telephone Co., Ltd.
Orillia.....	Ardrea Telephone Co., Ltd.
".....	Champlain Point Telephone Co., Ltd.
".....	Coulson Jarratt Telephone Co., Ltd.
".....	O'Connell-Rathburn Telephone Co., Ltd.
".....	Forest Home Telephone Co., Ltd.
".....	Mutual Telephone Co., Ltd.
".....	*Oro Telephone Co., Ltd. <i>See Barrie.</i>
".....	Pinegrove Telephone Association, Ltd.
".....	*Sebright Telephone Co., Ltd.
".....	Uhthoff Telephone Co., Ltd.
".....	Uptergrove Telephone Co., Ltd.
".....	Atherley Telephone Co., Ltd.
".....	Hampshire Telephone Co., Ltd.
".....	Rama Mara Telephone Co., Ltd.

Point of Connection.	Name of System.
Ottawa.....	*Hazeldean Rural Telephone Co., Ltd.
North Gower.....	
Otterville.....	*Norfolk County Telephone Co., Ltd. <i>See</i> Simcoe.
Owen Sound.....	Balaclava Telephone Co., Ltd.
".....	Ben Allen Telephone Co., Ltd.
".....	Bognor Telephone Co., Ltd.
".....	Centre Road Telephone Co., Ltd.
".....	Derby Telephone Co., Ltd.
".....	Fifth Line Telephone Co., Ltd.
".....	Glen Eden Telephone Co., Ltd.
".....	Hoath Head & Grey Telephone Co., Ltd.
".....	Jackson Telephone Co., Ltd.
".....	Kemble-Sarawak Telephone Co., Ltd.
".....	Leith & Annan Telephone Co., Ltd.
".....	Maple Leaf Telephone Co., Ltd.
".....	Pleasant View Telephone Co., Ltd.
".....	Silcote Telephone Co., Ltd.
".....	South Diagonal Telephone Co., Ltd.
".....	Sydenham Union Telephone Co., Ltd.
".....	Woodford Telephone Co., Ltd.
Paisley.....	*Bruce Municipal Telephone System. <i>See</i> Kincardine.
Palmerston.....	Hawthorne Hill Rural Telephone Co., Ltd.
Parkhill.....	*Parkhill Arkona Telephones, Ltd.
Arkona.....	
Parkhill.....	*West Williams Rural Telephone Association, Ltd.
Strathroy.....	
Parry Sound.....	*Canadian Explosives, Limited.
".....	Valley Farm Telephone System (Mark Taylor).
".....	*McKellar Municipal Telephone System.
Pefferlaw.....	Pefferlaw Telephone System Ltd.
Pembroke.....	Alice Telephone Co., Ltd.
".....	Petawawa Rural Telephone Co., Ltd.
".....	Tenth Concession Alice & Fraser Telephone Co., Ltd.
".....	Indian River Telephone Association.
".....	Petawawa Military Camp Telephone System.
".....	Town Line Telephone Association of Stafford & Pembroke, Ltd.
".....	Pembroke & Mud Lake Telephone Co., Ltd.
Pembroke.....	*North Renfrew Telephone Co., Ltd.
Cobden.....	
	Westmeath Seventh Line Telephone Co., Ltd. (connects through North Renfrew Telephone Co., Ltd.).
Pembroke.....	*Rankin Telephone Co. <i>See</i> Eganville.
Penetang.....	*Tiny Municipal Telephone System.
Perth.....	*Balderson Telephone Association.
".....	Drummond Centre Telephone Co., Ltd.
".....	Drummond & Elmsley Telephone Association.
".....	Fourth Line of Bathurst Telephone Co., Ltd.
".....	Ferry Road Telephone Co., Ltd.
".....	*Perth & Christie's Lake Telephone Co., Ltd.
".....	Scotch Line & Stanleyville Telephone Co., Ltd.
".....	Second Line Drummond Telephone Co., Ltd.
".....	Black Lake Telephone Co., Ltd.
".....	Maberly Telephone Co., Ltd.
Peterboro.....	*Otonabee Municipal Telephone System. <i>See</i> Keene.
".....	*Douro Municipal Telephone System.
".....	*Harvey Municipal Telephone System.
Pickering.....	*Home Telephone Co., Ltd. <i>See</i> Markham.
Picton.....	Gore "G" Telephone Co., Ltd.
".....	*Marysburg Telephone Company.
".....	*People's Mutual Telephone Co., Ltd.
Plattsville.....	*Innerkip Rural Telephone Co., Ltd. <i>See</i> Innerkip.
".....	*Princeton & Drumbo Telephone Co., Ltd. <i>See</i> Princeton.
Port Burwell.....	*South Malahide Telephone Co., Ltd. <i>See</i> Aylmer.
".....	*Houghton & Bayham Telephone Co., Ltd. (connects through South Malahide Telephone Co.'s Port Burwell Exchange.)
Port Dover.....	*Norfolk County Telephone Co., Ltd. <i>See</i> Simcoe.
Port Elgin.....	*Bruce Municipal Telephone System. <i>See</i> Kincardine.
Port Hope.....	*A. C. Beatty.
Port Hope.....	
Clarke.....	
Bowmanville.....	*Port Hope Telephone Co., Ltd.
Port Hope.....	*A. L. Russell, M.D.

Point of Connection.	Name of System.
Powassan.....	Chisholm Municipal Telephone System.
“.....	J. B. Moore and M. Cheaney. (Nipissing Telephone Line.)
“.....	Nipissing Municipal Telephone System.
Prescott.....	*Leeds & Grenville Independent Telephone Co., Ltd. <i>See</i> Brockville.
Preston.....	*Waterloo Municipal Telephone System. <i>See</i> Kitchener.
Princeton.....	*Princeton & Drumbo Telephone Co., Ltd.
Plattsville.....	
Burford.....	
Renfrew.....	Admaston Rural Telephone Association, Ltd.
“.....	Balsam Hill Telephone Co., Ltd.
“.....	*Calabogie & Renfrew Telephone Association. (M. J. O'Brien.)
Renfrew.....	*Horton & McNab Telephone Co., Ltd.
Arnprior.....	
Renfrew.....	*Madawaska Telephone Association, Ltd.
“.....	North Bonnechere Telephone Association, Ltd.
“.....	North Horton Telephone Co., Ltd.
“.....	Renfrew & Shamrock Telephone Association, Ltd.
“.....	South McNaughton Telephone Co., Ltd.
Riceville.....	*South Plantagenet Rural Telephone Co., Ltd.
Richards Landing.....	St. Joseph's Island Telephone Co., Ltd., connecting with: Richards Landing Municipal Telephone Club. Jocelyn Municipal Telephone System. Gawas & Shore Road Telephone Co. Hilton Beach Telephone Line.
Richmond Hill.....	*Bethesda & Stouffville Telephone Co., Ltd. <i>See</i> Stouffville.
“.....	*Woodbridge & Vaughan Telephone Co., Ltd. <i>See</i> King and Wood- bridge.
Ridgeway.....	*Welland County Telephone Co., Ltd. <i>See</i> Bridgeburg.
Ripley.....	*Huron & Kinloss Municipal Telephone System.
Lucknow.....	
Rockland.....	Clarence Telephone Co., Ltd.
Rockwood.....	Rockwood & Oustic Telephone Co., Ltd.
Rodney.....	Aldborough Farmers' Telephone Association, Ltd.
West Lorne.....	
Rodney.....	
West Lorne.....	New Glasgow Telephone Co., Ltd.
Rosenearth.....	*Alnwick Rural Telephone Co., Ltd.
Rosseau.....	*Humphrey Municipal Telephone System. And the following systems which connect through the Humphrey Municipal Telephone System: *Christie Municipal Telephone System. *Spence Monteith Telephone Co., Ltd. *A. E. Glasgow. <i>See</i> Chrysler.
Russell.....	*Dawn Municipal Telephone System.
Rutherford.....	
Oil Springs.....	*Rutherglen Telephone Co., Ltd.
Rutherglen.....	*Algoma Central & Hudson Bay Railway.
Sault Ste. Marie.....	Jas. Elliott, Jr.
“.....	Goulais Bay Telephone Co., Ltd.
“.....	Greenwood Telephone Association, Ltd.
“.....	Korah Central Telephone Co., Ltd.
“.....	Mount Granite Telephone Co., Ltd.
“.....	G. H. Farmer.
“.....	Superior Telephone Club.
“.....	Tarentorus Telephone Co., Ltd.
“.....	Korah Base Line Telephone Co., Ltd.
“.....	Melrose Telephone Co., Ltd.
Schomberg.....	*Schomberg Telephone Co., Ltd.
Tottenham.....	
Scotland.....	*Norfolk County Telephone Co., Ltd. <i>See</i> Simcoe.
Seaforth.....	*McKillop, Logan & Hibbert Telephone Co., Ltd. <i>See</i> Dublin.
“.....	*Brussels, Morris & Grey Municipal Telephone System. <i>See</i> Brussels.
Seaforth.....	McKillop Municipal Telephone System.
Clinton.....	
Seaforth.....	
Clinton.....	Tuckersmith Municipal Telephone System.
Hensall.....	
Seeley's Bay.....	*Leeds and Frontenac Rural Telephone Co., Ltd.
Kingston.....	Sparrow Lake Private Telephone Line.
Severn Bridge.....	

Point of Connection.	Name of System.
Shakespeare.....	*North Easthope Municipal Telephone System.
Stratford.....	
Tavistock.....	
New Hamburg.....	
Shedden.....	*Southwold & Dunwich Telephone Assn., Ltd.
Iona.....	
Dutton.....	
Shelburne.....	Back Line Telephone Co., Ltd.
".....	*Edgar Telephone System. <i>See</i> Orangeville.
".....	Maple Grove Telephone Co., Ltd.
".....	Violet Hill Rural Telephone Co., Ltd.
".....	Rocktown Telephone Association.
".....	Melancthon Telephone Co., Ltd.
Simcoe.....	*Norfolk County Telephone Co., Ltd.
Otterville.....	
Waterford.....	
Delhi.....	
Port Dover.....	
Scotland.....	
Simcoe.....	South Norfolk Telephone Co. Ltd. (And the following systems which connect through the South Norfolk Telephone Co. Ltd. at Port Rowan): Houghton & South Walsingham Telephone Co. Ltd. Unger Telephone System.
Smith's Falls.....	Brockville Road Rural Telephone Co., Ltd.
".....	Glenview Rural Telephone Co., Ltd.
".....	*Rural Telephone Co. of Kitley, Ltd.
".....	*Wolford Rural Telephone Co., Ltd.
".....	Roseville Rural Telephone Co., Ltd.
Smith's Falls.....	Montague Centre Rural Telephone Co., Ltd.
Sombra.....	*Lambton Telephone Co., Ltd.
Southampton.....	Chippawa Hill Telephone Co., Ltd.
".....	Saugeen Rural Telephone Co., Ltd.
Spanish.....	Massey Station Telephone Co., Ltd.
Sparta.....	*Sparta Rural Telephone Co., Ltd.
Stayner.....	*Noisy River Telephone Co., Ltd. <i>See</i> Creemore.
Stevensville.....	*Welland County Telephone Co., Ltd. <i>See</i> Bridgeburg.
Stouffville.....	*Bethesda & Stouffville Telephone Co., Ltd.
Aurora.....	
Richmond Hill.....	
Thornhill.....	
Stratford.....	*North Easthope Municipal Telephone System. <i>See</i> Shakespeare.
".....	*Sebringville Telephone Co., Ltd.
Strathroy.....	*Adelaide Telephone Co., Ltd.
".....	*Alex. G. McKenzie. (Coldstream Telephone System.)
".....	*Caradoc-Ekfrid Telephone Co., Ltd. <i>See</i> Melbourne.
".....	*London Township Municipal Telephone System. <i>See</i> London.
".....	*West Williams Rural Telephone Association. <i>See</i> Parkhill.
Sudbury.....	*Algoma Eastern Railway Co.
".....	Manitoulin and North Shore Telephone & Telegraph Co. Ltd. (connects through the Algoma Eastern Railway Co.)
Sudbury.....	*Anglo-Canadian Mining & Refining Co., Ltd.
Sudbury.....	*R. V. Tremblay. (Chelmsford Telephone Line.)
".....	Wahnapiatae Power Co., Ltd.
Sunderland.....	*Sunderland Telephone Co., Ltd.
Sundridge.....	Strong Municipal Telephone System.
Sutton West.....	Sutton & North Gwillimbury Telephone Co., Ltd.
Sydenham.....	Roman Catholic Episcopal Corporation of the Diocese of Kingston.
".....	Rosedale Rural Telephone Co., Ltd.
St. Mary's.....	*East Middlesex Telephone Co., Ltd. <i>See</i> Thorndale.
St. Mary's.....	*Blanshard Municipal Telephone System.
Exeter.....	
Mitchell.....	
Granton.....	
St. Thomas.....	*Belmont Telephone Co-operative Association, Ltd. <i>See</i> London.
".....	*Fingal Telephone Co., Ltd.
St. Thomas.....	*Yarmouth Rural Telephone Co., Ltd.
Tamworth.....	*Redden Telephone Co., Ltd.
Tara.....	Arran, No. 1, Telephone Association.
".....	Tara-Keady Telephone Co., Ltd.
".....	Grimston Telephone Co., Ltd.

Point of Connection.	Name of System.
Tavistock.....	*Innerkip Rural Telephone Co., Ltd. <i>See</i> Innerkip.
".....	*North Easthope Municipal Telephone System. <i>See</i> Shakespeare.
Teeswater.....	*South Bruce Rural Telephone Co., Ltd. <i>See</i> Mildmay.
Thamesville.....	*Thamesville Telephone Co., Ltd.
Thedford.....	*Thedford, Arkona & East Lambton Telephone Co., Ltd.
Thessalon.....	Thessalon Municipal Telephone System.
".....	Livingstone Rural Telephone Co., Ltd.
Thornbury.....	Beaver Valley Municipal Telephone System.
".....	Camperdown Telephone Co., Ltd.
".....	C. W. Hartman.
Thornedale.....	*East Middlesex Telephone Co., Ltd.
St. Marys.....	
Thornhill.....	*Bethesda & Stouffville Telephone Co., Ltd. <i>See</i> Stouffville.
".....	*Woodbridge & Vaughan Telephone Co., Ltd. <i>See</i> Woodbridge.
Tilbury.....	Tilbury East Municipal Telephone System.
Merlin.....	
Tilbury.....	*Tilbury West Municipal Telephone System. <i>See</i> Comber.
Tillsonburg.....	*Houghton, Bayham & Tillsonburg Telephone Co., Ltd.
".....	*Malahide & Bayham Telephone Association, Ltd.
".....	*Norfolk & Tillsonburg Telephone Co., Ltd.
Tottenham.....	Beeton Telephone Co., Ltd. <i>See</i> Beeton.
Tottenham.....	*Schomberg Co., Ltd. <i>See</i> Schomberg.
Trenton.....	Crews Telephone Co., Ltd.
".....	MacDonald Telephone Association.
".....	*J. Grant Sprague. <i>See</i> Belleville.
Tweed.....	Hungerford Municipal Telephone System.
Unionville.....	*Home Telephone Co., Ltd. <i>See</i> Markham.
Utterson.....	Watt Municipal Telephone System.
Uxbridge.....	*Home Telephone Co., Ltd. <i>See</i> Markham.
Vankleek Hill.....	*Glengarry Telephone Co., Ltd. <i>See</i> Alexandria.
Verner.....	*Verner Telephone System.
Verona.....	*Verona & Frontenac Telephone Co., Ltd.
Victoria Harbor.....	*Tay Municipal Telephone System.
Walkerton.....	Durham Road Telephone Co., Ltd.
Cargill.....	
Walkerton.....	South Brant Telephone Co., Ltd.
Cargill.....	
Wallacetown.....	*Wallacetown Lake Shore Telephone Association, Ltd.
Dutton.....	
West Lorne.....	
Warren.....	*Dunnett Municipal Telephone System.
Warsaw.....	*Dummer Municipal Telephone System.
Waterford.....	*Norfolk County Telephone Co., Ltd. <i>See</i> Simcoe.
Waterloo.....	*Waterloo Municipal Telephone System. <i>See</i> Kitchener.
Watford.....	*Brooke Municipal Telephone System. <i>See</i> Alvinston.
Webbwood.....	Shakespeare Telephone Co., Ltd.
".....	Birch Lake Telephone Co., Ltd.
".....	Lee Valley Rural Telephone Co., Ltd.
Wellesley.....	*Wellesley Municipal Telephone System. <i>See</i> Linwood.
Wellington.....	*J. Grant Sprague. <i>See</i> Belleville.
West Lorne.....	Aldborough Farmers' Telephone Association, Ltd. <i>See</i> Rodney.
".....	New Glasgow Telephone Co., Ltd. <i>See</i> Rodney.
".....	*Wallacetown & Lake Shore Telephone Association, Ltd. <i>See</i> Wallace-town.
Westport.....	*Westport Rural Telephone Co., Ltd.
Wheatley.....	Romney Telephone System.
".....	Wheatley Telephone Co., Ltd.
Wiaraton.....	Clavering Telephone Co., Ltd.
".....	*William Gillies. (Gillies Telephone System.)
".....	Silver Creek Telephone Co., Ltd.
Wiaraton.....	Cecil Swale Telephone Association.
".....	Lake Charles Telephone Co., Ltd.
".....	Boat Lake Telephone Co., Ltd.
".....	Zion & Wolsley Telephone Co., Ltd.
".....	Keppell Rural Telephone Co., Ltd.
Windsor.....	*Sandwich South Municipal Telephone System.
Essex.....	

Point of Connection.	Name of System.
Woodbridge.....	*Woodbridge & Vaughan Telephone Co., Ltd.
Richmond Hill.....	
Thornhill.....	
King.....	
Aurora.....	
Woodslee.....	*Rochester Municipal Telephone System.
Belle River.....	
Woodstock.....	Dingwall Telephone Co., Ltd.
".....	Excelsior Telephone Co., Ltd.
".....	Fairview Telephone Co., Ltd.
".....	Fraser Telephone Co., Ltd.
".....	Ingleside Telephone Co., Ltd.
".....	Innerkip Rural Telephone Co., Ltd. <i>See</i> Innerkip.
".....	Mapleshade Telephone Co., Ltd.
".....	Peerless Telephone Co., Ltd.
".....	Penhurst Telephone Co., Ltd.
".....	Pioneer Telephone Co., Ltd.
".....	Riverside Telephone Co., Ltd.
".....	Spring Creek Telephone Co., Ltd.
Woodstock.....	*North Norwich Municipal Telephone System.
Norwich.....	
Woodville.....	*Cambray Telephone Co., Ltd. <i>See</i> Cambray.
".....	East Woodville Telephone Co., Ltd.
".....	Eldon Union Telephone Co., Ltd.
Woodville.....	*Manilla Union Telephone Co., Ltd.
Cannington.....	
Woodville.....	Manse Grove Telephone Co., Ltd.
".....	Woodville-Glen Telephone Association.
Wroxeter.....	*Wroxeter Rural Telephone Co., Ltd.
Corrie.....	
Yarker.....	*Yarker Telephone Co. (Manley Foster.) And the following systems which connect through the Yarker Telephone Co.: B. D. & H. Telephone Line. Yarker Mutual Telephone Association. Yarker Rural Telephone Co., Ltd.

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