



g88.100.
1-ont

SESSIONAL PAPERS

VOL. LXXVII.—PART III

SECOND SESSION

OF THE

TWENTY-FIRST LEGISLATURE

OF THE

PROVINCE OF ONTARIO

SESSION 1945

466028
17.9.47

TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1946

CONTENTS FOR PART III

REPORTS

UNIVERSITY OF TORONTO
BIRTHS, MARRIAGES AND DEATHS
DEPARTMENT OF HEALTH
HOSPITALS DIVISION
HOSPITALS AND SANITORIA
PRISONS AND REFORMATORIES
MINISTER OF PUBLIC WELFARE
LIQUOR CONTROL BOARD
MINISTER OF AGRICULTURE
STATISTICS BRANCH (AGRICULTURE)
TEMISKAMING AND NORTHERN ONTARIO RAILWAY

UNIVERSITY OF TORONTO
REPORT
OF THE
BOARD OF GOVERNORS
FOR THE
YEAR ENDED 30th JUNE
1944

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 12, 1945



T O R O N T O

Printed and Published by T. E. BOWMAN, Printer to the King's Most Excellent Majesty
1944

REPORT

OF THE

BOARD OF GOVERNORS

FOR THE YEAR ENDING 30TH JUNE, 1944

To His Honour the Lieutenant-Governor-in-Council:

The Governors of the University of Toronto have the honour to present their thirty-eighth annual report of the financial administration of the University, including an extensive research programme, together with the President's report on the academic work of the University and its Colleges for the Session 1943-44 and covering the activities of different departments.

Statements covering the funds and assets, including investments, etc., are shown as they stood at the close of business on 30th June, 1944, together with detailed receipts and expenditures of the Board, prepared by the Bursar, for the fiscal year which ended on that date, and the certificate of audit of the same by Mr. G. T. Clarkson of the firm of Clarkson, Gordon, Dilworth and Nash.

The Auditor's report states that he made an examination of the Balance Sheet as at 30th June, 1944, and that he examined or tested the accounting records; that the securities representing the investments of the University, the Endowment and Trust Funds, which are held for safekeeping by the Canadian Bank of Commerce, were produced for his examination on 3rd July, 1944, and found to be in agreement with the Bursar's records; and that this officer's records are well kept.

The general revenue for the year amounted to \$2,050,601., which together with the Special Legislative Grant of \$1,100,000 made a gross total of \$3,150,601. The expenditures under the appropriations made by the Board for salaries and maintenance totalled \$2,992,179 (exclusive of the Ontario College of Education which is maintained by a separate vote), to which was added \$65,043 representing interest written to certain scholarship and trust funds and including interest on bank accommodation, together with \$83,426 for Wartime Bonus paid to salaried employees, making a total expenditure of \$3,140,648., resulting in an excess of revenue over expenditure for the year of \$9,953., which when added to the balance on operations of \$3,235 for the preceding two years leaves a balance of \$13,188 at credit of the Revenue Account.

The accumulated debit balance at 30th June, 1941, stood at \$616,940., and this amount was reduced during the year 1942 and also the year 1943 by the receipt of Special Legislative Grants of \$100,000 in each year. The balance of \$416,940 was paid by Special Legislative Grant in January, 1944.

Additional funds to the amount of \$864,666 were administered by the office of the Bursar during this, the fifth year of the War, consisting chiefly of funds for 66 war research projects, the most extensive programme undertaken at the University of Toronto for the National Research Council, and for the training and accommodation of members of the Navy, Army and Air Force

taking special courses at the University at the request of the Dominion Government. In addition funds were also administered in connection with loans to students from the Federal Department of Labour, the Dominion-Provincial Student Aid Fund, the Kellogg Foundation, etc., for the accelerated courses in Medicine, Dentistry, Science and Engineering, together with the distribution of Province of Ontario Scholarship awards.

All controllable expenditures were reduced during the year and considerable saving in the original Estimates was effected.

All of which is respectfully submitted.

February 8, 1945.

W. E. PHILLIPS,
Chairman.

AUDITOR'S CERTIFICATE

Toronto, February 8, 1945.

To the Governors of the University of Toronto:

GENTLEMEN:

I have examined the balance sheet of the University of Toronto as at 30th June, 1944, and the related schedules 1 to 10. In connection therewith I examined or tested the accounting records of the University and obtained all the information and explanations I required from the Bursar and other employees, but I did not make a detailed audit of the transactions.

The securities representing the investments of the University, the Endowment and Trust Funds, are held in safekeeping by your bankers, The Canadian Bank of Commerce, and were produced for our examination on 3rd July, 1944. These were found to be in agreement with the records kept by the Bursar. The aggregate approximate market value of these investments as at 30th June, 1944, was greater than their book value by \$874,901.31. Certain non-trustee securities (including non-interest bearing securities) received as bequests are still held.

I have not examined the titles to the various properties.

I report that in my opinion, based upon my examination, the accompanying balance sheet and related schedules 1 to 10 have been properly drawn up so as to show the financial position of the University at 30th June, 1944, and the results of its operations for the year, according to the best of my information and the explanations given me, and as shown by the books. The Bursar's records are well kept.

Yours faithfully,

G. T. CLARKSON, F.C.A.,
Auditor.

FINANCIAL STATEMENT

Balance Sheet, 30th June, 1944

Assets	Funds and Liabilities
Site Lands, Buildings and Contents Sch'le 7	General Endowment....., Sch'le 1
Unproductive Lands..... " 8	Specific Endowments (Scholarships, Prizes, etc)..... " 2
Leased Properties..... " 9	Trust Funds..... " 3
Investments, Cash and Accounts Receivable..... " 10	Pension and Retirement Funds..... " 4
Royal Ontario Museum Investment.....	Annuity Debentures..... " 5
Ontario Government Annuities (16 George V, Cap.69).....	Contingent Funds, Ontario College of Education, Surplus, etc..... " 6
Ontario Government Annuities (18 George V, Cap.55).....	Royal College of Dental Surgeons.....
Superintendent's Stores.....Appendix IV	Revenue Account:
	Balance due by Government on approved Estimates as at 30th June, 1941..... \$616,940.54
	Special Legislative Grants since received:
	1942.....\$100,000.00
	1943..... 100,000.00
	1944..... 416,940.54
	\$616,940.54
	Net Surplus 30th June, 1943..... 3,235.55
	Add Surplus for Session 1943-44 9,952.83
	\$13,188.38
	\$27,491,138.70

NOTE: This statement does not include any assets or liabilities of the
Toronto Conservatory of Music.

CHARLES E. HIGGINBOTTOM,
Bursar and Secretary to the Board of Governors.

SCHEDULE 1

General Endowment

Additions for 1943-44:

Annuity Debentures:

Portion of 1943-44 instalments reducing principal:

Thirty-fifth instalment, issue of July, 1909	\$19,963.36
Thirty-third instalment, issue of January, 1911.....	4,801.00
Thirty-third instalment, issue of January, 1911.....	11,079.00
Twenty-ninth instalment, issue of April, 1915	3,523.22
Twentieth instalment, issue of July, 1924.....	9,523.80
Fifteenth instalment, issue of January, 1929	47,900.48
	\$ 96,790.86

Convocation Hall Advance:

Restoration from proceeds of wild land sales, thirty-sixth instalment.....	68.00
Land and Building, No. 5 Willcocks Street, purchased from Mrs. Annie Nicholls, at net cost (Schedule 7).....	13,500.00
Land, Lots 4 and 6, Concession "A", Township of Sherborne from Mrs. P. C. Band, at net cost (Schedule 7).....	1,200.00
Land and Building, Old Knox College, Spadina Crescent, from the Keystone Investments Limited, for Connaught Laboratories, at net cost (Schedule 7).....	100,000.00
Land and Building, No. 146 St. George Street, from Canada Permanent Mortgage Corporation, and William M. Davidson, Executors of the Will of the late Wilhelmina Davidson, at net cost (Schedule 7).....	9,000.00

Library proper:

Addition of Books for year less depreciation (Schedule 7).....	14,570.35	\$235,129.21
--	-----------	--------------

Contra

Reduction in valuation hitherto carried for—

Wycliffe College Site (Schedule 9).....	\$17,999.00	
Victoria College University Park Lot 67 (Schedule 9).....	5,200.00	
	23,199.00	
		\$ 211,930.21
Return of 30th June, 1943.....		13,993,497.22
Return of 30th June, 1944		\$14,205,427.43

SCHEDULE 2
Specific Endowments (Scholarships, Prizes, etc.)
30 June, 1944.

	Balance 30 June, 1943	Interest Appro- priation	Earnings	Gifts and other additions during year	Total	Expendi- tures and transfers	Balance 30 June, 1944
	\$	\$	\$	\$	\$	\$	\$
Academy of Dentistry	2,350.00	115.93		100.00	100.00	140.88	100.00
A.A.S. Scholarship (Physics)	1,626.84	2.54	67.50	24.95	2,490.88	75.00	2,350.00
Aggett, Harvey, Memorial (App. Sc.)	5,338.07	6.76	250.00		1,696.88	75.00	1,621.88
Aikins, (English Literature)	16,479.81	1.27	671.29		5,594.83	500.00	5,344.83
Alexander Lectureship (English Literature)	3,158.18	2.93	112.38		17,152.37	500.00	16,652.37
All Soul's Historical Essay Prize					3,273.49		3,273.49
Allen, Jule & Jay J. Award (Arts)				250.00	250.00		250.00
Allen-McKellar Memorial (French)	1,050.09		35.00		1,085.09	35.00	1,050.09
Alumnae Prize in English	20.00			10.00	30.00	10.00	20.00
American Society of Heating and Ventilating Engineers (Mech. Eng.)							
Antiqua Government Fund (Leeward Island Schp.)	171.74			25.00	25.00	25.00	
Architecture, School of, Special Awards				569.12	740.86	455.74	285.12
Armstrong, B.E. (U.T.S.)				50.00	50.00	50.00	
Association of Professional Engineers of Ontario				100.00	100.00		100.00
B.A.A.S., (Medals, etc.)	2,354.82	5.66	87.01	400.00	2,447.49	90.00	2,357.49
Balfour Lectureship (Surgery)	400.00				800.00	400.00	400.00
Balmer, Jean (Science)	4,659.26				2.09		2.09
Banks, (Political Science)	1,199.02	14.00	123.60		4,796.86		4,796.86
Baptie, Margaret W., (Medicine & Sc.)	1,432.96	4.18	37.40		1,240.60	50.00	1,190.60
Barrie Collegiate Institute (Medicine)	4,047.47	71.65	200.00		1,504.61	65.00	1,439.61
Bastedo, Alma Anderson, Memorial Prize (English)				750.00	4,247.47	200.00	4,047.47
Bickle Bursary, T. H.	588.65		25.00		750.00		750.00
Blake, (Matriculation)	1,093.67	1.25	30.00		613.65	25.00	588.65
Blake, (Science and Moderns)	31,374.22	1,200.00			1,124.92		1,124.92
B'nai B'rith	3,750.00	120.00			32,574.22	1,200.00	31,374.22
Boiler Inspection & Insurance Co., (Applied Science)	316.68				3,870.00	250.00	3,750.00
Booth (University Schools)	1,000.51	1.05	58.67	150.00	316.68	150.00	66.68
Box H. K. Medals (Dentistry)				1,065.00	1,065.00	59.72	1,000.51
Boxer, Reg. N., U.T.S. Junior School	1,000.00	1.50	33.71		1,035.21	65.00	1,000.00
Boxer, Reg. N., U.T.S. Senior School	1,000.00	1.50	33.71		1,035.21	35.21	1,000.00
Brickner, Rabbi (Social Science)	1,034.11	50.00			1,084.11	35.21	1,000.00
Brock, Margaret A., (Matriculation, English and History)	1,028.44		80.00		1,108.44	80.00	1,028.44
Brown, George Memorial (Medical Science)	11,490.27	24.97	325.60		11,840.84		11,840.84

	Balance 30 June, 1943	Interest Appro- priation	Earnings	Gifts and other additions during year	Total	Expendi- tures and transfers	Balance 30 June, 1944
Brown, George (Modern Languages)	\$ 1,128.34	60.00			1,188.34	60.00	\$ 1,128.34
Bruce, Robert (Arts and Medicine)	1,257.57	25.15		\$ 333.80	1,616.52	425.00	1,191.52
Chappell, Walter F., Prize (Medicine or Surgery)	485.11	49.98			535.09	33.32	501.77
C.I.L., Fellowship (Chemistry)				750.00	750.00	750.00	
Clarkson Prizes (Accounting)				200.00	200.00	200.00	
Cockburn, G. R. R., (Greek)	1,050.00	25.00			1,075.00	25.00	1,050.00
Cody Medals in Medicine	1,314.58		\$ 49.29	241.00	1,604.87	83.17	1,521.70
Cody, Florence (Matriculation)	2,514.05	2.64	86.02	50.00	2,652.71		2,652.71
Cody, Henry John (Matriculation)	2,518.05	1.53	86.00	50.00	2,655.58	125.00	2,530.58
Cody, Maurice, Memorial (Modern History)	3,319.17	7.12	103.27		3,429.56	150.00	3,279.56
Cody, Maurice, Memorial Prize (Modern History)	1,323.92	1.04	43.50		1,368.46	40.00	1,328.46
Cody, Maurice, Memorial (University Schools)	251.24	.88	7.00		259.12	20.00	239.12
Cohen, Arthur (English Languages and Literature)	5,159.52	3.05	153.29		5,315.86	150.00	5,165.86
Cohen M. M. Schp.				200.00	200.00	200.00	
Coleman Medal (Geology)	1,005.84	.41	32.90		1,039.15		1,039.15
Copp, John Memorial Fund (Medicine)	5,420.78	10.69	155.12		5,586.59	53.00	5,533.59
Crawford, Allen Ruydard (University Schools)	525.00		25.00		550.00	25.00	525.00
Crawford, Henry Job (University Schools)	1,049.61	1.04	50.81		1,101.46	51.85	1,049.61
Crealock, Archie B., Memorial Prize (Civil Engineering)	25.00			25.00	50.00	25.00	25.00
Daly R. O., Prize (French)	1,017.01	6.01	30.00	750.00	1,803.02	50.00	1,753.02
Darling & Pearson Prize (Architecture)	100.00				100.00	89.80	10.20
Deborah Assembly No. 5 Bursary	50.00			50.00	100.00	50.00	50.00
Delta Phi Epsilon Bursary	100.00			100.00	200.00		200.00
Delury, Alfred T., (Mathematics)	3,545.16	3.41	119.36		3,667.93	125.00	3,542.93
Dickenson, Marion E., (Household Sc.)	6,116.53	4.16	228.60		6,349.29		6,349.29
Dominion Board of Insurance Underwriters Prize—Pol. Econ				500.00	500.00		500.00
Dunlap, David, Memorial (Psychology)	1,458.36				1,458.36	883.33	575.03
Eaton, Sir, J. C. Memorial U.T.S.				120.00	120.00	120.00	
Eaton, Margaret, Schp. (P. & H. E.)	1,000.00			900.00	1,900.00	1,000.00	900.00
Empey, John M. Schp.	10,000.00	2.49	300.00		10,302.49		10,302.49
Engineering Institute of Canada				25.00	25.00	25.00	
Falconer, Sir Robt., Lectureship	17,973.18	8.96	530.04		18,512.18		18,512.18
Faulkner Medal (Psychiatry)				58.62	58.62	28.52	30.10
Findlay, J. A. (Mechanical Engineering)	3,534.20	1.55	128.27		3,664.02	120.00	3,544.02
Forestry Memorial Schp.	1,796.22	20.37	45.00	2,000.00	3,861.59	250.00	3,611.59
Forestry Scholarship No. 2				2,500.00	2,500.00		2,500.00
Foster, Chas. Schp. in Commerce and Finance				500.00	500.00		500.00
Fox, Harold G., Prizes (Law)	50.00			250.00	300.00	50.00	250.00
Fulton, Alexander T., (Mathematics & Sc.)	3,351.30				3,491.30	140.00	3,351.30
Gibbon, Dr. G. W. Bursary, (Medicine)	150.00	140.00			150.00		150.00

Gibson (Matriculation)	4,341.64	7.46	183.71	4,532.81	50.00	4,482.81
Gibson (Matriculation)	5,656.31	4.44	299.18	5,959.93	50.00	5,959.93
Gibson, Maude Charlton, U. C. (Household Economics)	1,653.85	3.51	49.88	1,707.24	50.00	1,657.24
Gilchrist, Arch. (Botany)	1,006.05		31.54	1,037.59	20.00	1,017.59
Gilchrist, Lachlan, Schips. (Geophysics) (Garnet W. McKee)	5,265.96	11.29	156.88	10,434.13	150.00	10,284.13
Glen Mawr Old Girls' Association (English and History)	2,304.64		80.50	2,385.14	80.00	2,305.14
Goldsmith, Perry (Oto-Laryngology)	3,571.45	13.82	120.00	3,705.27	500.00	3,705.27
Graduate Fellowships (Sundry)	167.00			1,167.00	30.00	667.00
Graduate Scholarship in Law				30.00	30.00	
Grasett Memorial (Classics)	6,134.11	5.33	315.47	6,454.91	250.00	6,204.91
Hagarty, R. & G. Schp. (App. Science and Eng.)			57.46	2,057.46		2,057.46
Hardie, William (Matriculation)	2,300.00	100.00		2,400.00	100.00	2,300.00
Harris, James (Matriculation) (University College)	26,334.62	17.36	1,017.16	27,369.14	895.84	26,473.30
Hastings (Public Health & Public Health Nursing)	13,028.93	10.08	618.71	13,657.72		13,657.72
Henderson, Joseph, Memorial (Matriculation)	2,228.02	3.00	77.90	2,308.92	80.00	2,228.92
Hendry, William John (Obstetrics)	2,945.72		93.03	3,038.75	62.00	2,976.75
Hernant, Percy (Matriculation)				250.00	250.00	
Hernant, Percy Schp. No. 2 (Matriculation)				300.00	300.00	300.00
Hollywood Theatre Prizes (French)	50.00			100.00	50.00	50.00
Hutton, Maurice (Classics)	6,049.53	17.32	299.00	6,365.85	250.00	6,115.85
Hutton, Maurice (Matriculation, Greek and Latin)	125.00			250.00	250.00	
International Accountants & Executives Corp. Bursary	3,460.96	3.80	90.00	3,554.76	25.00	3,554.76
International Mathematical Congress 1924 (Medals)				75.00	75.00	
I.O.D.E. Amelia F. Sims Chapter Bursary						
Irwin, Herbert W., Memorial (Modern Languages)	1,030.44		50.81	1,081.25		1,081.25
Isserman, Rabbi, Prize (Social Sc.)	977.21	39.08		1,016.29	100.00	916.29
Jenkins (Engineering)	200.00			300.00	200.00	300.00
Keanan, Mary, Award (Political Sc.)	87.90			200.00	200.00	
Kennedy, George (Philosophy)	4.90			83.07	83.00	170.97
Kennedy, Sarah (Household Economics)	3,958.24	4.34	108.03	4,070.61		4,070.61
Khaki University Memorial Schp.				87.97		4.97
Labour Research Institute (Law)	25.00			50.00	25.00	25.00
Laird, Annie Lewisa, (Household Economics)	2,049.25		98.50	2,147.75	98.50	2,049.25
Laird, Annie L., Schp., (Household Science)	6,196.91	3.83	180.00	7,380.74	196.91	7,183.83
Laird, Annie L., Prize (Household Sc.)				100.00	100.00	
Laurier, Sir Wilfrid, Memorial (French)				2,322.61	100.00	2,222.61
Lawler, Gertrude, Prize (English)	2,222.61	100.00		315.97	12.00	303.97
Lawler, Gertrude, Memorial (English and History)	303.97	12.00		3,517.76	125.00	3,392.76
Lawler, Gertrude, Fellowship and Scholarships (University College)	3,360.35	7.41	150.00			
Leonard, Reuben Wells, Fellowship and Scholarships (University College)	2,101.00			5,101.00	5,000.00	101.00
Lilly, Eli (Medicine)	404.44			404.44		404.44
Lister, Prize (Surgery)	5,349.29	9.30	250.00	5,608.59	250.00	5,358.59
Locke, Geo. H. Memorial (Library School)	3,269.63	2.82	103.50	3,373.95		3,373.95
Lucas, Lillian Schp. English				3,000.00		3,000.00
Lyle Medal (Orientals)	723.63	14.47		738.10		738.10

	Balance 30 June, 1943	Interest Appro- priation	Earnings	Gifts and additions during year	Total	Expendi- tures and transfers	Balance 30 June, 1944
	\$	\$	\$		\$	\$	\$
McCaull Medal (Classics)	552.90	1.24	18.70		572.84	31.07	541.77
McCaul Scholarship (Classics)	2,595.87		80.51		2,676.38	37.50	2,638.88
McCharles, Aeneas, Prize	26,297.73	8.34	1,145.44	5.00	27,456.51	1,000.48	26,456.03
McCrae, John (Matriculation)	11,950.92	18.00	648.23		12,617.15	137.50	12,479.65
McCrea, Dent (Law)	50.00			50.00	100.00	50.00	50.00
Macdonald, John (Philosophy)	2,680.00	100.00			2,780.00	50.00	2,730.00
Mackenzie, Alexander, Memorial (Political Science)	17,037.50	1,075.00			18,112.50	1,075.00	17,037.50
Mackenzie, J. J. Fellowship (Pathology)	5,900.34	18.00	225.00		6,143.34		6,143.34
McLean, J. S., (Matriculation University College)	8,750.00		800.00		9,550.00	600.00	8,950.00
McLennan, Sir John Cunningham, Prize (Mathematics and Physics)							
McLennan-MacLeod Memorial Prize (Applied Science)	320.52		9.66		330.18		330.18
MacMurchy, Angus Medal (Law)	487.50		25.00		512.50	25.00	487.50
MacMurchy, Alexander, Research Fellowship (Medicine)	1,125.55		45.00		1,170.55	28.10	1,142.45
McPhedran, H. A. Prize (Physics)	33,917.15	6.86	973.31	28.75	34,926.07		34,926.07
McTaggart, H. A. Prize (Physics)	1,500.00		45.00		1,545.00	45.00	1,500.00
Macara, John, Barrister of Goderich, Scholarship				401.01	401.01	401.01	
Marfleet, Pearson Kirkman, Lectureship	9,394.77	7.72	382.16		9,784.65		9,784.65
Masten, Prize (Law)	151.20			150.00	301.20	301.20	
Masten, C. A. Fellowship (Law)				401.20	403.95		403.95
Masten, C. A. Schps. (Law)	50.00				50.00	50.00	
Medical Alumni Schp.							
Mickle, Charles, Fellowship (Medicine)	28,857.26	10.35	1,319.35		30,186.96	200.00	28,986.96
Mickle, Ellen, Fellowship (Medicine)	28,953.91	37.72	1,319.33		30,310.96	1,255.63	29,055.33
Moss, (Classics)	2,000.00	120.00			2,120.00	120.00	2,000.00
Mueller, Max K. A. Bursary Soc., Science				50.00	50.00	50.00	
Mulock, Mary (Classics)	2,838.74	60.00			2,898.74	60.00	2,838.74
Mulock, William (Classics and Mathematics)	2,000.00	120.00			2,120.00	120.00	2,000.00
Mustard, (Classics)	3,478.70	9.75	75.00	3.75	3,567.20	100.00	3,467.20
Neelds Florence M., Prize (French)	558.90		18.30		577.20	20.00	557.20
Nesbitt, Wallace, Medals (University, Schools)	622.68	4.14	15.00		641.82	30.63	611.19
Nipissing Mining Research Fellowship							
Northway, John, (Psychological Research)	23,062.46	19.73	1,275.97		24,358.16		24,358.16
Ockley, Laura L. Schp. (Home Econ.) (O.C.E.)	500.00			1,000.00	1,000.00		1,000.00
Ontario Association of Architects				100.00	100.00	100.00	
Ontario Hockey Association War Memorial (Matriculation)	2,025.00	100.00			2,125.00	100.00	2,025.00
Ontario Medical Association Prize (Preventive Medicine)	33.34			25.00	58.34	58.34	
Oral Health Thesis Prize No. 1—(Dentistry)	33.34			100.00	133.34	66.67	66.67
Oral Health Thesis Prize No. 2—(Dentistry)	16.67			50.00	66.67	33.34	33.33
Pakenham Memorial Prize (O.C.E.)	1,022.63		33.05		1,055.68		1,055.68
Pan-Hellenic Association Prizes (University College)	150.00				150.00	150.00	

Peters, George A., (Surgery)	4,272.40	171.34			4,443.74		4,443.74
Porter, T. M., (University Schools)	6,017.08	4.65			6,301.24	284.16	6,017.08
Porter, T. M., Memorial Schp. (Corrigan) (University Schools)	1,000.00	.04			1,050.85	50.85	1,000.00
Postluns Bros., Schp				100.00	100.00		100.00
Price, H. W., Research F' ship (Electrical Engineering)	10,320.81	9.91		300.00	10,630.72	50.00	10,630.72
Prince of Wales (Matriculation)	1,000.00	50.00			1,050.00		1,000.00
Pro Liberis Prize (Dentistry)	50.00			50.00	50.00		50.00
Public Speaking Association Bursary	1,043.11			50.00	1,000.00	50.00	50.00
Putnam, Wm. Lowell, Prize (Mathematics)	1,000.00	50.00			1,043.11	48.56	994.55
Quebec Bonne Entente Prize (French)	1,173.82	58.69			1,050.00	50.00	1,000.00
Ramsay, William (Physics)	1,530.78	61.23			1,232.51	50.00	1,182.51
Ramsay, William (Political Economy)	5,157.47	3.76			1,592.01		1,592.01
Ransom, A. C., (Applied Science)	687.69	27.51		171.23	5,332.46	170.00	5,162.46
Reeve, Anna Howe, Prize (Household Science)	100.00				715.20	25.00	690.20
Rieve, R. A., Prize (Medicine)	10,000.00			50.00	150.00		150.00
Richardson, James H., Research Fellowship (Anatomy)	10,000.00	125.00			10,125.00	125.00	10,000.00
Ross, Romane K., Prize	30.00				30.00	20.00	10.00
Rossin, Julius (Modern Languages)	1,000.00	60.00			1,060.00	60.00	1,000.00
Rowell, Langford (Law)	1,012.06	5.00		45.00	1,062.06	50.00	1,012.06
Rowell, Langford (University Schools)	2,100.00	10.00		90.00	2,200.00	100.00	2,100.00
Rowell, Newton Wesley F' ship (Law)	500.00				1,000.00	500.00	500.00
Russell, T. A., Research F' ship (Applied Science and Engineering)					1,000.00		1,000.00
Saddington, Ronald S., Medal (Pathology)	11.14			10.00	21.14	10.15	10.99
Sadowski (Sociology & Social Science)	500.00				1,000.00	500.00	500.00
St. Lucia Government Schp. (Mathurin)				1,486.23	1,486.23	900.41	585.82
St. Margaret's College Alumnae Schp	1,700.93	2.22		52.94	1,756.21	59.50	1,696.71
Samuel, Sigmond, Scholarship (Chinese Studies)	4,080.00	160.00			4,240.00	160.00	4,080.00
School of Nursing Undergraduate Bursary	615.59	12.33			627.92	627.92	627.92
Secombe, Wallace, General Proficiency Prize (Dentistry)	50.00				200.00	100.00	100.00
Secombe, Wallace, Memorial Scholarship (Dentistry)	2,059.00	2.12		61.11	2,122.23	40.00	2,082.23
Shendroff, Rose Memorial (Prize in English—University College)					100.00		100.00
Simpson, Robert, Company, (Matriculation)	75.00				725.00	725.00	725.00
Simpson, Dr. Roy, (Schp.) (Paediatrics)	1,850.00			45.12	3,495.12	100.00	3,395.12
Siquah French Prose Prize	320.16	10.00			330.16		330.16
Starr Bequest (Medals)	8,176.55			120.00	8,296.55	55.37	8,241.18
Strang, Hugh Innis, Memorial (Classics)	3,185.60	3.48			3,302.97	125.00	3,177.97
Switzer, W. George, Memorial Award (Dentistry)	82.13	1.63		79.00	162.76	10.61	152.15
Toronto Brick Company Prizes					100.00	100.00	100.00
Toronto Daily Star Schp. (Public Welfare)					1,000.00	250.00	750.00
Toronto Stock Exchange Prize (Commerce and Finance)					100.00	100.00	100.00
Tracy, (Philosophy)	1,029.80			41.40	1,071.45	38.00	1,033.45
Ubukata Fund for Japanese students	13,143.17	14.06		514.40	13,671.63	100.00	13,671.63
University College Alumnae Scholarship					100.00		100.00

	Balance 30 June, 1943	Interest Appro- priation	Earnings	Gifts and other additions during year	Total	Expendi- tures and transfers	Balance 30 June, 1944
University College Alumni Scholarship (Matriculation)				\$ 375.00	\$ 375.00	\$ 375.00	
University College Alumni Prize (Commerce and Finance)				25.00	25.00	25.00	
U.T.S. Old Boys Association				150.00	150.00	150.00	
U.T.S. Parents' Association Schps.				150.00	150.00	150.00	
Vander Smissen (German)	\$ 2,824.53	\$ 6.51	\$ 87.50		2,918.54	100.00	\$ 2,818.54
Vise, Bernard Memorial Schp. (Social Science)				100.00	100.00	100.00	
Walker, Sir Edmund (Arts or Medicine)				450.00	450.00	450.00	
Waterhouse, Edwin Schp. (Commerce and Finance)				250.00	250.00	250.00	
Watters, R. E., Bursary (University College)				200.00	200.00	200.00	250.00
Webster, Albert E., Memorial Schp. Fund (Dentistry)	2,134.18	3.09	61.11		2,198.38	40.00	200.00
White, John T. Bequest (Medical Research) (Banting)				28.73	28.73	25.73	2,158.38
White Pine Bureau Schp., (Forestry)	200.00				200.00	100.00	3.00
Wickett, Emerson, Memorial (Applied Science)	100.00			100.00	200.00	100.00	100.00
Wickett, Morley (Matriculation, English and History)	2,193.15	3.91	67.90		2,264.96	70.00	100.00
Willmott, Jas. B. (Dentistry)	.01			250.00	250.01	225.01	2,194.96
Willson, Herbert (Biology and Medicine)	100.00			100.00	200.00	100.00	25.00
Wilson, Daniel (Natural Science)	2,000.00				2,000.00	60.00	100.00
Woods, James Wm. Fshp. (Business Administration)				1,000.00	1,000.00	1,000.00	1,940.00
Wright, Ramsay (Zoology)	18,416.51	9.18	721.38		19,233.92	600.00	1,000.00
Wrong, George M., (Modern History)	3,889.37	7.89	179.70	86.85	4,076.96	150.00	18,633.92
Young, Memorial (Philosophy)	6,596.46	230.88			6,827.34	300.00	3,926.96
Zonta Club Bursary (Social Work)				50.00	50.00	50.00	6,527.34
	\$ 637,689.28	\$ 5,215.36	\$ 20,112.61	\$ 43,369.52	\$ 706,386.77	\$ 34,147.82	\$ 672,238.95

SCHEDULE 3
Trust Funds
30 June, 1944.

	Balance 30 June, 1943	Interest Appro- priation	Earnings	Gifts and other additions during year	Total	Expendi- tures and transfers	Balance 30 June, 1944
Banting and Best Research Fund				\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 291.44
Banting, Sir Frederick, Memorial Fund	\$ 499.84	\$ 8.78			508.62	217.18	730,659.99
Banting Research Foundation	729,571.57	88.42	\$ 30,580.55	1,000.00	761,240.54	30,580.55	32,468.04
Banting Research Foundation (Reserve)	29,440.78	27.26	935.05	3,000.00	33,403.09	935.05	53.00
Bruce, E. Winnie, Picture Fund, U.C.	51.50		1.50		53.00		200.00
Canadian Association of Mayors and Municipalities	200.00				200.00	200.00	66.96
Canadian Red Cross Society Grant (Blood Substitutes Fund)	66.96				66.96		1,081.82
Carnegie Corporation Grant—							8,428.12
Anthropology (U. of T.—Yale Conference)	1,081.82			4,940.00	1,081.82	1,081.82	2,499.50
Carnegie Corporation, Educational Research	3,488.12				8,428.12	3,825.59	3,411.11
Carnegie Corporation, Fine Art Professorship	2,499.50				2,499.50		1,508.90
Carson, Minnie, Bequest	3,232.10	22.01	143.00	14.00	3,411.11		44,159.34
Colquhoun, Arthur H. U., Library of Canadian History Fund.	1,000.00	8.90		500.00	1,508.90	202,339.72	30.53
Connaught Laboratories Research	200,000.00	2,339.72	22,618.84	10,000.00	607,435.54	44,159.34	1,052.70
Connaught Laboratories Special Fund	574,816.70		43.80	545.70	1,083.23	30.53	1,259.72
Crocker, James W., Memorial Loan Fund	493.73			1,250.00	1,259.72	493.12	3,936.92
Daly, R. O., Men's Residence		9.72		2,700.00	4,430.04	120.00	30.00
Dental Research	1,750.04			150.00	1,500.00		5,524.04
Dental Students' Parliament Prize							55.81
Dominion Government Grants—	4,966.39			29,103.93	34,070.32	28,546.28	1,644.65
AM—1 Graham-Pagé	55.81				55.81		300.00
AM—2 Psychology	353.25			5,435.25	5,788.50	4,143.85	
AM—4 Cass-Beggs				900.00	900.00	600.00	
AM—5 Franks				500.00	500.00	500.00	
AM—17—19B Sullivan	170.49				170.49	170.49	693.67
AM—17-18 Allcutt	1,073.78			100.00	1,173.78	480.11	66.27
AM—17—20A Black	138.10			100.00	238.10	171.83	83.76
AM—27 Black	85.64			344.87	430.51	346.75	
AM—28 Kitching				395.16	2,620.40	2,620.40	232.50
AM—32 Physics—Burton—Smith	2,225.24			750.00	750.00	517.50	680.74
AM—40 Graham				2,980.37	3,246.82	2,566.08	184.00
BE—1 Duff	266.45				184.00		3,290.68
CW—503 Lucas	184.00						
CW—510 Young	596.36			2,850.00	3,446.36		155.68

	Balance 30 June, 1943	Interest Appropriation	Earnings	Gifts and other additions during year	Total	Expendi- tures and transfers	Balance 30 June, 1944
Dominion Government Grants (Cont'd)—							
CW—511 Solandt.....	\$ 2,099.77			\$ 500.00	\$ 500.00	\$ 337.64	\$ 162.36
CW—517 Gordon.....	169.39			4,025.11	6,124.88	4,134.25	1,990.63
CW—519 Physics—Burton.....	400.00			6,903.89	7,073.28	6,680.29	392.99
CW—530 Fisher.....	745.00			492.38	892.38	492.38	400.00
CW—548 Wynne.....	745.52			1,590.00	2,335.00	1,940.08	394.92
EE—1—9 Wright.....				37,000.00	37,745.52	31,531.60	6,213.92
XR—67 Fischer.....				920.00	920.00	650.00	270.00
EE—1—22 Wright.....				1,500.00	1,500.00	1,500.00	
FE—1934 Chemistry—Beamish.....				648.42	648.42	549.94	98.48
FE—6444 Physics—Burton—Pitt.....	4,561.72			41,000.00	45,561.72	43,374.65	2,187.07
G—1001—E Gilchrist.....	70.63			5,000.00	5,000.00	2,464.32	2,535.68
Medicine 9—2 Cleghorn.....	1,222.46			24,750.26	25,972.72	22,605.83	3,366.89
Medicine 20—Greay.....				250.00	250.00		250.00
Medicine 25—Solandt.....				1,060.00	1,060.00	264.00	796.00
Medicine 26—Solandt.....				500.00	500.00		500.00
Medicine 27—Fisher.....				1,500.00	1,500.00	885.61	614.39
Medicine 1—1—Grant.....	130.40			1,500.00	1,500.00	132.20	143.00
M—1—112—Allcutt.....	619.44			144.80	275.20		
MP—14 Haist.....	305.00			1,850.00	2,469.44	1,665.36	804.08
MP—15 Ham.....	55.53			1,500.00	1,805.00	1,754.43	50.57
MP—20 Lucas.....	5.71			850.00	905.53	564.07	341.46
MP—25 Taylor.....	1,000.00			3,016.91	3,022.62	2,072.51	950.11
MP—26 Taylor.....				800.00	1,800.00	1,800.00	
MP—31 Solandt.....				3,135.00	3,135.00	2,298.52	836.48
MP—36 Mendel.....				350.00	350.00	315.24	34.76
NM—5 Best.....	518.24			2,522.66	3,040.90	2,586.23	454.67
NM—12 Best.....	295.00			1,681.02	1,917.25	1,917.25	
NM—13 Best.....	880.00			2,420.00	2,715.00	2,065.00	650.00
NM—14 Solandt.....	353.71			1,000.00	1,353.71	380.00	500.00
NM—16 Solandt.....				1,000.00	1,000.00	601.11	752.60
NM—17 Grant.....				500.00	500.00	339.00	661.00
NM—18 Solandt.....				500.00	500.00		500.00
NM—19 Solandt.....	4,052.69			8,314.98	12,367.67	9,197.15	3,170.52
PE—5 Physics Grayson Smith.....	350.00			1,953.34	2,303.34	1,731.85	571.49
PE—8 Smith.....	290.65			1,826.28	1,826.28	744.05	1,082.23
Aircraft Research—Smith.....				600.00	600.00	412.47	187.53
Audiometric Research—Physics—Pitt (Studies in Rubber Plants) B.T. S. Duff.....							

	Balance 30 June, 1943	Interest Appro- priation	Earnings	Gifts and other additions during year	Total	Expendi- tures and transfers	Balance 30 June, 1944
Institute of Child Study.....	\$ 1,279.70			\$ 23,126.15	\$ 24,405.85	\$ 21,798.15	\$ 2,607.70
Insulin Committee, Surplus.....	1,188,071.73	\$ 43,812.28		220,662.50	1,452,546.51	154,143.53	1,298,402.98
Jones, Martha Alice, Bequest—Women's Union.....	4.85				4.85	4.85	
Joy, Wing Commander D. C., Donation Aerial Navigation.....	300.00				300.00		300.00
Kellogg, W. K., Fndn., Dental Selcp. Fund.....	5,500.00				5,500.00		5,500.00
Kellogg, W. K., Fndn., Dental Loan Fund.....	9,268.25		\$ 15.33	299.54	9,583.12	300.00	9,283.12
Kellogg, W. K., Fndn., Medical Loan Fund.....	6,318.11		44.17	6,300.14	13,162.42	2,923.00	10,239.42
Kellogg, W. K., Fndn., School of Hygiene Loan Fund.....	2,200.00				2,200.00		2,200.00
Kellogg, W. K., Fndn., School of Hygiene Schp. Fund.....	5,290.00			475.00	5,290.00	1,090.00	4,200.00
Kellogg, W. K., Fndn., School of Nursing Fund.....	2,130.00				2,605.00	2,150.00	455.00
Laidlaw, Ann (Classical Archaeology).....	53.69				53.69		53.69
Laidlaw Donation—Fine Art.....	266.00				266.00		266.00
Langton, John, Memorial.....	30.00				30.00	247.57	53.69
Leonard, Reuben Wells, Bequest.....	30.00				30.00		18.43
Library Funds:	202,960.38	122.05	7,830.12	6,645.50	217,558.05		30.00
Abbott Dental.....	188.94			450.00	638.94	426.53	212.41
Graduates' Deposits.....	5,921.67			526.78	6,448.45		6,448.45
King Alfred Millenary.....	11,230.54	400.00			11,630.54	5.18	11,625.36
John Squair, (French) No. 1.....	1,000.00	40.00			1,040.00	40.00	1,000.00
John Squair, (French) No. 2.....	1,153.35	4.14	58.67	46.48	1,262.64		1,262.64
Phillips Stewart.....	1,728.71	60.00			1,788.71	2.48	1,786.23
Lilly, Eli, Med. Research Fund.....	44,000.00		1,150.03	22,000.00	67,150.03		67,150.03
Loan Fund Medical Students.....	583.69		16.09	291.78	891.56		891.56
Maple Leaf Fund Incorporated—Donation.....	2,526.89			1,241.32	1,241.32	1,241.32	215.67
John and Mary R. Markle Fndn. Fund.....	501.14				2,526.89	2,311.22	1,127.37
John and Mary R. Markle Fndn. (Sulfonamide drugs).....	331,112.51	70.47	11,941.09	2,808.66	3,309.80	2,182.43	343,182.49
Massey Foundation.....	29,650.81	543.41		58.42	33,910.13	4,643.59	29,266.54
Massey—Treble Bequest, Household Science.....	220,847.89	8,044.68		3,715.91	333,555.86	73,443.00	260,112.86
Medical Research, Banting.....	177,850.74	6,224.78		95,663.29	257,632.31	20,951.05	236,681.29
Medical Research, Best.....	199.15			73,556.82	2,715.15	2,272.61	442.54
Mendel, Bruno, Fund.....	1,055.00			2,516.00	1,135.00	200.00	935.00
Mount Sinai Masonic Lodge, Silver Jubilee Loan Fund.....	20,613.65		207.01	80.00	20,820.66		20,820.66
Mulock, Sir William, U.C. Men's Residence Fund.....	2,880.99	5.10	123.00		3,009.09	100.00	2,909.09
Macdonald, Caroline, Bursary Fund.....	49,110.92			35,565.94	84,676.86	16,336.77	68,340.09
McLennan Laboratory Research Fund (Scientific Research).....				50,000.00	50,000.00		50,000.00
McKee, Garnet W. Loan and Sel'p. Fund.....							
National Foundation for Infantile Paralysis Inc. of the United States.....	1,878.15		4,991.80		6,869.95	3,783.87	3,086.08
National Research Council—U.S.—Elliot.....	65.90		388.35		454.25	206.22	248.03
Nutrition Foundation Inc.—McHenry.....	1,650.00				1,650.00	1,576.71	73.29

Ontario Archaeology—Special Research	818.17	16.36			834.53
Ontario Mining Association Grant—(Silicosis)			4,000.00	4,000.00	4,000.00
Oppenheim, E. W., Donation, Russian Books			10.00	10.00	10.00
Organic Chemistry (Anonymous)	5,000.00		10,000.00	15,000.00	10,000.00
Parke Davis Donation, (Greay Research)	186.15		4,494.45	186.15	106.40
Pitt War Research.				4,494.45	12.14
Porter, T. M. Bequest	14,023.19	7.17	542.10	15,172.46	15,172.46
Reeve, R. A. Bequests (not allocated)	17,229.44	6.26	811.13	18,040.57	17,534.31
Registered Nurses of Ontario Donation				8,000.00	
Research Enterprises Limited Fund, Radio Courses, University Extension	Dr. 324.84			324.84	
Eliza J. Robertson Bequest (Arthritis)	23,388.47	14.88	684.00	24,087.35	24,087.35
Rockefeller Foundation:					
Bursary (A. H. James)	100.00			100.00	861,946.14
(Hygiene Endowment)	861,946.14			861,946.14	27,293.54
(Hygiene)	22,938.14	161.31	39,546.43	710.00	36,062.34
(Hygiene—Special Account No. 1)	416.18			5,919.18	5,776.86
(Hygiene—Special Account No. 2)	2,656.89			9,356.76	4,038.21
(Hygiene—Special Account No. 3)	117.27			2,942.68	7,975.44
(Hygiene—Special Account No. 4)	57.32			4,373.02	117.27
(Hygiene—Special Account No. 5)	98.48			3,000.00	2,871.92
(Medical Endowment)	1,043,912.50			4,471.50	128.08
(Medicine)		6.02	46,191.03	1,043,912.50	4,194.05
(Psychiatry Research)	6,611.75			46,191.03	46,191.03
(School of Nursing Endowment)	250,000.00			20,025.87	18,356.24
(School of Nursing)	2,098.18	6.54	7,613.04	250,000.00	250,000.00
(School of Nursing—Library Fund)				76,747.17	3,036.60
(School of Nursing—Special Account No. 1)	406.68			400.00	218.80
(Social Science—Innis)				2,984.26	484.26
R.C.N.V.R., Navy Show				406.68	67.47
Royal Institute of International Affairs—University Press				4,631.88	4,631.88
Rutherford, Dr. James P., (Medical Research)	6,879.71	8.92	225.51	217.44	217.44
School of Architecture Sample Room	79.09			7,114.14	6,964.14
Seldon, Lauretta M., Bequest	60.35	1.21		129.09	123.83
Shendroff Rose—Mem'l Loan Fund Med.				61.56	61.56
Simpson, Mary A., Bequest	114.05	2.28		500.00	500.00
Smith, Geo. R., Fund, (O.C.E.)	250.00			116.33	116.33
Social Science Fund	574.91			250.00	250.00
Standard Brands Research (Chemistry)	6.54			574.91	524.91
Stewart, John A., (Pernicious Anaemia)	2,952.55	103.34		6.54	6.54
University College Men's Residence Fund	5,194.67			3,055.89	3,055.89
University Expansion Fund				5,246.93	5,246.93
Walker, E. C., Bequest (Residences)	77,069.69	27.60	3,317.51	139,056.49	139,056.49
Walker, J. Harrington, Bequest (Residences)	41,947.70	17.40	1,729.08	80,414.80	80,414.80
Wallberg, E. A. Memorial	2,055,133.66	179.66	71,891.59	43,694.18	43,694.18
			6,026.30	2,133,231.21	38,162.72
					2,095,068.49

	Balance 30 June, 1943	Interest Appro- priation	Earnings	Gifts and other additions during year	Total	Expendi- tures and transfers	Balance 30 June, 1944
Wallberg, E. A. Memorial (Applied Science Survey).....	\$ 1,007.23				\$ 1,007.23	\$ 699.65	\$ 307.58
Wallberg, E. A. Memorial Loan Fund.....	16,802.89	\$ 348.78	\$ 167.47	\$ 1,112.75	18,431.84	67.10	18,364.74
Whitney, E. C. Bequest.....	222,958.26	83.86	15,547.13	120.90	238,710.15	23,700.00	215,010.15
Wintercorbyn, Bequest.....	11,104.58	17.95	505.96	1,024.57	12,653.06	200.00	12,453.06
	\$8,946,341.75	\$ 64,528.55	\$ 273,528.33	\$1,569,325.95	\$10,853,724.58	\$1,614,608.04	\$9,239,116.54
	4,228.84	60.43			4,289.27	4,289.27	
Deductions.....	\$8,942,112.91	\$ 64,468.12	\$ 273,528.33	\$1,569,325.95	\$10,849,435.31	\$1,610,318.77	\$9,239,116.54

SCHEDULE 4

Pension and Retirement Funds

1. Pension Fund (Academic):		
At credit of account on 30th June, 1943.....	\$ 652,389.19	
Contributions during year.....	41,357.53	
Interest credited.....	26,549.62	
	<u>\$ 720,296.34</u>	
Pension Payments and Withdrawals.....	30,444.07	\$ 689,852.27
2. Pension Fund (Employees):		
At credit of account on 30th June, 1943.....	\$ 998,882.71	
Contributions during year.....	76,166.90	
Interest credited.....	39,013.76	
	<u>\$1,114,063.37</u>	
Pension Payments and Withdrawals.....	27,286.66	\$1,086,776.71
3. Estimated accrued liability as per Actuary's report of 19th October, 1939....		133,000.00
Return of 30th June, 1944.....		<u>\$1,909,628.98</u>

SCHEDULE 5

Annuity Debentures

Issue of July, 1909, for construction and equipment of Thermodynamics Library Addition and Faculty of Education Building, \$500,000., repayable in forty equal annual amounts of \$25,260.00 each,		
Value as on 30th June, 1944, of the five outstanding instalments.....		\$ 112,452.54
Issue of January, 1911, under 1 George V. Cap. 60, for construction of Pathological building, \$130,000.00, repayable in forty equal annual amounts of \$6,568.00 each,		
Value as on 30th June, 1944, of the seven outstanding instalments.....		39,421.00
Accrued on 30th June, 1944, of thirty-fourth payment and charged to Revenue, 1943-44.....		3,284.00
Issue of January, 1911, under 1 George V. Cap. 60, as a grant towards construction of Toronto General Hospital, \$300,000.00, repayable in forty equal annual amounts of \$15,157.00 each,		
Value as on 30th June, 1944, of the seven outstanding instalments.....		90,970.00
Accrued on 30th June, 1944, of thirty-fourth payment and charged to Revenue, 1943-44.....		7,578.50
Issue of April, 1915, under R.S.O., 1914, Cap. 279, to provide for the payment of \$100,000.00 to the Hart A. Massey Estate towards the Gymnasium portion of Hart House, \$110,000.00, repayable in forty equal annual amounts of \$5,975.00 each,		
Value as on 30th June, 1944, of the eleven outstanding instalments.....		50,960.58
Accrued on 30th June, 1944, of thirtieth payment and charged to Revenue, 1943-44.....		1,244.80
Issue of January, 1929, under R.S.O., 1927, Cap. 337, for construction of a new building for Pathology and allied departments (Banting Institute) \$800,000.00, repayable in twenty equal annual amounts of \$64,193.00 each,		
Value as on 30th June, 1944, of the five outstanding instalments.....		277,949.83
Accrued on 30th June, 1944, of sixteenth payment and charged to Revenue, 1943-44.....		29,421.80
Return of 30th June, 1944.....		<u>\$ 613,283.05</u>

SCHEDULE 6

Contingent Funds, etc.

Contingent Fund (Investment Reserve).....		\$ 172,161.84
Deferred Maintenance.....		80,000.00
Organ Fund:		
Balance on 30th June, 1943.....	\$ 2,166.38	
Expenditure on upkeep of organ, less receipts.....	158.37	
		2,008.01
Special Government Grant for Sessions 1944-45 and 1945-46.....		400,000.00
University Press:		
At credit of accounts as per Appendix III.....		28,869.53
Men's Residence Rehabilitation Fund.....		50,000.00
Ontario College of Education:		
At credit of account (Appendix V).....		51,502.58
Legislative Grant for Administration Building.....		283.15
David Dunlap Observatory (Construction Account).....		17.23
		<u>\$784,842.34</u>
Sundry Ledger balances, items in suspense, etc:		
Residence and Key deposits.....	\$ 2,905.00	
Fire Loss Account.....	3,986.90	
Expansion Fund Appropriation for Expenses.....	3,987.10	
Sir Frederick Banting Records.....	222.96	
Alterations, 146 St. George Street.....	7,913.05	
Alterations, 5 Willcocks Street.....	5,226.59	
86 Queen's Park Rehabilitation.....	1,741.68	
	<u>\$25,983.28</u>	
Less:		
Workmen's Compensation Board deposit.....	\$ 109.56	
Fire Loss Accounts, outstanding.....	756.91	
Fire Insurance Premiums paid in advance.....	20,607.18	
Chemical Engineering Bldg. Construction.....	1,096.60	
	<u>22,570.25</u>	
		3,413.03
Return of 30th June, 1944.....		<u>\$788,255.37</u>

SCHEDULE 6a

Revenue, 1943-44

Receipts

	Estimate	Actual
Legislative Grant, University Act, 1906.....	\$ 500,000.00	\$ 500,000.00
Legislative Grant, 60 Vict., Cap. 59.....	7,000.00	7,000.00
Legislative Grant, 13-14 George V.....	10,000.00	10,000.00
Fees, University and College, as detailed in Appendix I.....	1,070,000.00	1,066,465.60
Infirmary Receipts, Dentistry and Health Service.....	33,000.00	47,324.82
Interest:		
On Dominion and Provincial Government Bonds.....		121,484.45
On Ontario Government Annuities.....		12,544.10
On Debentures.....		3,213.25
On Loans.....		133.34
Rentals:	171,000.00	
University Park ground leases.....		12,322.50
City of Toronto payment.....		6,000.00
Business properties.....		12,856.80
Sundry houses and land earnings.....		17,973.84
Men's Residences:		
(General, \$46,651.35; University College, \$3,011.40).....	40,000.00	49,662.75
Women's Residences:		
(Whitney Hall, \$52,966.52; St. George Street Group, \$25,772.50).....	70,000.00	78,739.02
University College Women's Union:		
(Membership fees, \$3,640.00; rooms and meals, \$9,888.75).....		13,528.75
Central Power Plant:		
Wycliffe, Victoria and Knox Colleges.....	\$34,007.94	
Royal Ontario Museum.....	16,601.76	
Sundry accounts.....	<u>24,857.13</u>	
	60,000.00	75,466.83

University Press.....	\$ 10,000.00	\$ 10,000.00
Photographic Service and Casual Revenue.....	5,000.00	5,885.09
	\$1,976,000.00	\$2,050,601.14
Special Legislative Grant.....	1,100,000.00	1,100,000.00*
Estimated Excess of Expenditures over Receipts.....	101,385.00	.....
	<u>\$3,177,385.00</u>	<u>\$3,150,601.14</u>

Expenditures

Under appropriations as per Appendix II.....	\$3,004,385.00	\$2,992,179.12
Interest written to Scholarship and other funds less Bank Interest (net).....	73,000.00	65,043.05
War-time Bonus paid to Salaried Employees (not including tradesmen or anyone paid on an hourly basis).....	100,000.00	83,426.14
	\$3,177,385.00	\$3,140,648.31
Receipts as above.....		3,150,601.14
Excess of Receipts over Expenditures carried to Balance Sheet.....		\$ 9,952.83

*In addition to the above receipts a Special Legislative Grant of \$416,940.54, the balance of accumulated Shortage to 30th June, 1941, was received (See Balance Sheet).

SCHEDULE 7

Site Lands, Buildings and Contents

Site Lands:		
2,557,843 sq. feet at forty cents per foot.....	\$1,023,137.20	
332,549 sq. feet at cost price.....	447,344.23	
18,000 sq. feet at estimate.....	40,000.00	
2,908,392 sq. feet.....		\$1,510,481.43
Buildings:		
Anatomical building.....	\$ 482,388.37	
Baldwin House.....	12,000.00	
Banting Institute.....	813,129.93	
Biological building.....	129,745.30	
Botanical building.....	516,998.35	
Chemical building.....	77,469.88	
Convocation Hall.....	214,866.22	
Dental building.....	350,000.00	
Economics building.....	76,350.00	
Electrical building.....	346,699.89	
Engineering building.....	50,000.00	
Forestry building.....	122,359.86	
Geodetic Observatory building.....	12,000.27	
Hart House (not appraised).....		
Household Science building.....	455,000.00	
Hygiene and Public Health building.....	852,682.40	
Library building.....	327,425.50	
McLennan Laboratory.....	363,945.85	
Mechanical building.....	119,017.21	
Medical building.....	200,000.00	
Men's Residences.....	217,670.04	
Military Studies building and Drill Hall.....	67,071.27	
Mining building.....	384,736.89	
Mill building.....	229,972.52	
Ontario College of Education.....	703,390.67	
Press building.....	1.00	
Psychology buildings.....	22,333.26	
Simcoe Hall.....	399,055.10	
University College building.....	450,000.00	
University College Women's Union.....	70,059.19	
Women's Residences:		
Whitney Hall.....	487,988.37	
Hutton House.....	47,223.77	

No. 184 College Street.....	\$	8,239.47	
No. 78 Queen's Park.....		161,775.00	
No. 86 Queen's Park.....		38,767.62	
St. George Street properties:			
Numbers 43.....		30,054.25	
45.....		39,079.67	
47.....		10,172.95	
49.....		25,007.51	
96.....		22,692.60	
98.....		16,708.84	
100.....		17,776.93	
104.....		22,498.27	
106.....		10,034.15	
			\$10,514,869.80
Library.....	\$	781,083.87	
Organ.....		24,000.00	
Sundry Departmental Equipment.....		375,153.99	
Furniture and Furnishings, various buildings.....		42,307.41	
Arena.....		223,070.40	
Athletic Field Stadium and equipment.....		11,817.88	
Aura Lee Grounds and equipment (Ontario College of Education).....		17,276.27	
Gymnasium equipment.....		7,620.19	
Forestry School Practice Camp.....		4,478.50	
Surveying Practice Camp, Lutterworth Township, (land, \$1,215.00, buildings, etc., \$10,000).....		11,215.00	
David Dunlap Observatory (land, \$41,750., buildings, \$163,700., telescope, dome, etc., \$225,000.00).....		430,450.00	
Connaught Laboratories (Farm, Buildings and equipment).....		81,500.00	
Connaught Laboratories, (Hygiene building plant).....		1.00	
Connaught Laboratories (Spadina Division).....		100,000.00	
Central Power Plant.....		1.00	
Printing Plant.....		1.00	
General Museum Specimens.....		1.00	
Dining Hall equipment.....		1.00	
Total valuation.....			\$12,624,848.31
Return of 30th June, 1943.....	\$12,487,007.66		
Additions thereto:			
Forestry School Practice Camp:			
Purchase of additional property.....		1,200.00	
Women's Residences:			
Purchase of 5 Willcocks St.....	\$13,500.00		
Purchase of 146 St. George St.....	9,000.00		
			\$ 22,500.00
Connaught Laboratories, (Spadina Division):			
Purchase of "Old Knox College".....		100,000.00	
Library proper:			
Value of addition of Books for 1943-44 reported by the Librarian.....	\$38,727.27		
Less depreciation at 3% on \$805,240.79.....	24,156.92		
			14,570.35
			\$12,625,278.01
Contra.			
Women's Residence Furniture written down by application of credit from Sale of Wild Lands set apart for Women's Residences.....			429.70
Return of 30th June, 1944.....			\$12,624,848.31

SCHEDULE 8

Unproductive Lands

U.C.C. Block on King Street.....	\$	50,425.40	
Vacant land in Port Hope.....		8,045.00	
Endowment lands unsold in various townships.....		152.00	
(no transactions during year)			
Return of 30th June, 1944.....	\$	58,622.40	

SCHEDULE 9

Leased Properties

Land Leased to City of Toronto.....	\$	120,000.00	
Park Lots leased (including Federated Colleges Sites).....		312,793.20	
Toronto business properties.....		183,000.00	
Spadina Avenue Houses (Nos. 719-721).....		8,023.51	
Caradoc Farm.....		600.00	
		<hr/>	\$ 624,416.71
Rentals and City of Toronto Payment Accrued.....			4,940.00
			<hr/>
Return of 30th June, 1944.....	\$		629,356.71
			<hr/>
Return of 30th June, 1943.....	\$	653,235.71	
Reduction in figure hitherto carried for—			
Victoria College—Park Lot 67.....	\$	5,200.00	
Wycliffe College site.....		17,999.00	
		<hr/>	23,199.00
	\$	630,036.71	
Decrease in rentals past due.....		680.00	
		<hr/>	
Return of 30th June, 1944.....	\$		629,356.71
			<hr/>

SCHEDULE 10

Investments, Cash and Accounts Receivable

Dominion of Canada Bonds and guaranteed issues.....	\$	5,641,553.09	
Interest Accrued.....		10,260.63	
		<hr/>	\$ 5,651,813.72
Province of Ontario Bonds and guaranteed issues.....	\$	3,817,653.57	
Interest Accrued.....		18,826.13	
		<hr/>	3,836,479.70
Other Government Bonds.....	\$	502,624.92	
Interest Accrued.....		1,059.73	
		<hr/>	503,684.65
Municipal debentures.....	\$	471,925.90	
Interest Accrued.....		1,303.58	
		<hr/>	473,229.48
University of Toronto debentures (Guaranteed).....			277,949.83
Toronto Conservatory of Music debentures.....			193,136.95
Corporation debentures.....			36,887.00
Sundry stocks.....			108,541.62
Mortgage.....			2,200.00
Investments in trust for Banting Research Foundation.....	\$	758,928.45	
Interest Accrued.....		125.34	
		<hr/>	759,053.79
Investments in trust for Connaught Laboratories.....			563,276.20
Connaught Laboratories Advance.....			100,000.00
Toronto Conservatory of Music Advance, Organ.....			4,370.40
Accounts Receivable:			
Photographic Service.....	\$	130.57	
Health Service.....		40.25	
Labour and Material.....		19,718.51	
Telephones.....		37.45	
Central Power Plant.....		34,007.94	
Printing.....		678.82	
		<hr/>	
Less Royal Ontario Museum balances.....	\$	54,613.54	
		23,300.77	
		<hr/>	31,312.77
Canadian Bank of Commerce, on deposit.....			1,170,377.58
(Includes amounts relating to the year ended 30th June, 1944, but received and deposited at a later date.)			
			<hr/>
			<u>\$13,712,313.69</u>

Transactions 1943-44

Inwards

Dominion, Provincial and other Government Bonds.....	\$ 299,098.34	
Municipal Debentures.....	26,304.45	
University of Toronto debentures.....	47,900.48	
Payment on Loan to Athletic Association.....	10,000.00	
Payment on Loan to Toronto Conservatory of Music.....	546.30	
Banting Research Foundation Investments.....	28,567.26	
Connaught Laboratories Investments.....	11,540.50	
Decrease on accounts outstanding.....	6,445.95	
Withdrawals from Canadian Bank of Commerce.....	6,424,491.31	
		\$ 6,854,894.59

Outwards

Dominion and Provincial Government Bonds.....	\$ 1,157,873.65	
Municipal debentures.....	1,382.59	
Corporation debenture and Sundry Stocks.....	202.00	
Toronto Conservatory of Music debentures.....	300.50	
Banting Research Foundation Investments.....	32,251.86	
Advance to Connaught Laboratories.....	100,000.00	
Deposits in Canadian Bank of Commerce.....	6,951,570.52	
Increase in accrued revenue.....	355.34	
		\$ 8,243,936.46
		\$ 1,389,041.87
Return of 30th June, 1943.....		12,323,271.82
Return of 30th June, 1944.....		\$13,712,313.69

APPENDIX I.

Fees 1943-44

Total of fees collected 1943-44.....		\$ 1,314,212.44
Distribution thereof:		
Sundry refunds during year.....		\$ 53,977.07
Share of fees paid to the following:		
Hart House.....		38,079.50
Students' Administrative Council.....		16,760.50
University Athletic Fee.....		16,152.50
Medical Society.....		2,656.00
Medical Women's Undergraduate Association.....		142.00
Faculty of Applied Science Athletic Fee.....		2,180.00
Engineering Society.....		3,318.00
Dental Students' Parliament.....		2,200.00
Foresters' Club.....		111.00
Graduate Students' Union.....		326.00
University College Literary and Athletic Society.....		1,912.00
University College Women's Undergraduate Association.....		1,870.50
Occupational Therapy Undergraduate Association.....		82.00
Physiotherapy Undergraduate Association.....		91.00
Teachers' Course Association.....		403.50
Royal College of Dental Surgeons.....		2,770.00
St. Michael's College (Household Science).....		20.00
Toronto Conservatory of Music.....		320.00
Hospitals (Accelerated Course):		
Toronto General Hospital.....	\$ 9,575.00	
Toronto General Hospital (Burnside).....	1,008.00	
		\$ 10,583.00
St. Michael's Hospital.....		1,665.00
Hospital for Sick Children.....		1,220.00
Toronto Western Hospital.....		990.00
		14,458.00
Credited to Sundry Accounts:		
Ontario College of Education.....		51,998.82
University College Women's Union.....		2,595.00
School of Nursing.....		28,407.00
Institute of Child Study.....		6,916.45
Balance to Revenue Account (Schedule 6a).....		1,066,465.60
		\$ 1,314,212.44

DETAILS OF FEES RECEIVED (GROSS)

Composite Academic and University Incidental Fees:

Arts—Tuition (University College \$139,120.34) Library and Laboratory Supply; Examination; Degree; Health Service; Physical Training; Laboratory Deposit; and miscellaneous.....	\$ 227,553.10
Commerce and Finance—University tuition (University College \$4,686.00) Library and Laboratory Supply; Examination; Degree; Health Service; Physical Training; Laboratory Deposit; and miscellaneous.....	23,122.00
Medicine—Tuition; Library and Laboratory Supply; Examination; Degree; Health Service; Physical Training; Laboratory Deposit; and miscellaneous.....	256,129.75
Applied Science—Tuition; Library and Laboratory Supply; Examination; Degree; Health Service; Physical Training; Laboratory Deposit; and miscellaneous.....	308,559.09
Dentistry—Tuition; Library and Laboratory Supply; Examination; Degree; Health Service; Physical Training; Caution and Laboratory Deposit; and miscellaneous.....	109,021.38
Education—Registration; Tuition; Examination; Degree; Health Service; and University Schools.....	54,265.64
Forestry—Tuition; Library and Laboratory Supply; Examination; Degree; Health Service; Physical Training; Laboratory Deposit; and miscellaneous.....	8,121.30
Music—Registration; Tuition; Examination; Degree; and miscellaneous.....	1,151.14
Household Science—Tuition; Library and Laboratory Supply; Examination; Degree; Health Service; Physical Training; Laboratory Deposit; and miscellaneous.....	3,159.00
Graduate Studies—Registration; Tuition; Library Examination; and Degree..	28,085.29
University Extension—Teachers' Courses; Occupational Therapy; Certificate Course in Business; Tutorial; Short Courses; Library and Laboratory Supply; Examination; Degree; Health Service; and miscellaneous.....	85,940.34
Social Work—Tuition; Library and Laboratory Supply; Examination; Diploma; and Health Service.....	9,794.50
Law—Examination; Degree; and miscellaneous.....	297.00
Physical and Health Education—Tuition; Library and Laboratory Supply; Examination; Degree; Health Service; Physical Training; Laboratory Deposit; and miscellaneous.....	18,038.35
Pharmacy—Registration; Tuition; Examination; Degree; and miscellaneous..	16,161.00
Veterinary Science—Examination; and Degree.....	428.00
Agriculture—Examination; and Degree.....	1,460.00
School of Nursing—Tuition; Library; Examination; Diploma; and Health Service.....	32,354.50
Institute of Child Study—Tuition; Library; Examination; Health Service; and Diploma.....	7,216.45
School of Chinese Studies—Tuition; Library; Examination; and Diploma.....	941.00
No. 1 Army Course.....	8,151.11
No. 2 Army Course.....	24,657.50
Applied Science Athletic.....	2,204.00
University Athletic.....	16,286.00
Dental Students' Parliament.....	2,208.00
Engineering Society.....	3,354.00
Foresters' Club.....	111.00
Graduate Students' Union.....	326.00
Hart House.....	38,409.50
Medical Society.....	2,656.00
Medical Women's Undergraduate Association.....	142.00
Occupational Therapy Undergraduate Association.....	82.00
Physiotherapy Undergraduate Association.....	91.00
Students' Administrative Council.....	16,896.50
Teachers' Course Association.....	405.00
University College Literary and Athletic Society.....	1,930.00
University College Women's Undergraduate Association.....	1,887.00
University College Women's Union.....	2,617.00
	<u>\$ 1,314,212.44</u>

CLASSIFICATION OF SERVICES

	Gross Receipts	Refunds	Other Deductions	Net
Arts.....	\$ 227,553.10	\$ 16,283.88	\$.....	\$ 211,269.22
Commerce and Finance.....	23,122.00	518.00		22,604.00
Medicine.....	256,129.75	7,994.84	14,458.00	233,676.91
Applied Science.....	308,559.09	17,206.54		291,352.55
Dentistry.....	109,021.38	5,605.03	2,770.00	100,646.35
Education \$25,376.14; University Schools \$28,889.50.....	54,265.64	898.00	51,998.82	1,368.82
Forestry.....	8,121.30	690.54		7,430.76
Music.....	1,151.14	35.00	320.00	796.14
Household Science.....	3,159.00	209.63	20.00	2,929.37
Graduate Studies.....	28,085.29	264.30		27,820.99
University Extension.....	85,940.34	1,507.71		84,432.63
Social Work.....	9,794.50	128.00		9,666.50
Law.....	297.00			297.00
Physical and Health Education.....	18,038.35	1,063.45		16,974.90
Pharmacy.....	16,161.00	723.65		15,437.35
Veterinary Science.....	428.00			428.00
Agriculture.....	1,460.00	10.00		1,450.00
School of Nursing.....	32,354.50	113.00	28,407.00	3,834.50
Institute of Child Study.....	7,216.45		6,916.45	300.00
School of Chinese Studies.....	941.00			941.00
No. 1 Army Course.....	8,151.11			8,151.11
No. 2 Army Course.....	24,657.50			24,657.50
Applied Science Athletic.....	2,204.00	24.00	2,180.00	
University Athletic.....	16,286.00	133.50	16,152.50	
Dental Students' Parliament.....	2,208.00	8.00	2,200.00	
Engineering Society.....	3,354.00	36.00	3,318.00	
Foresters' Club.....	111.00		111.00	
Graduate Students' Union.....	326.00		326.00	
Hart House.....	38,409.50	330.00	38,079.50	
Medical Society.....	2,656.00		2,656.00	
Medical Women's Undergraduate Assoc.....	142.00		142.00	
Occupational Therapy Undergraduate Assoc.....	82.00		82.00	
Physiotherapy Undergraduate Assoc.....	91.00		91.00	
Students' Administrative Council.....	16,896.50	136.00	16,760.50	
Teachers' Course Association.....	405.00	1.50	403.50	
University College Literary and Athletic Association.....	1,930.00	18.00	1,912.00	
University College Women's Undergradu- ate Association.....	1,887.00	16.50	1,870.50	
University College Women's Union.....	2,617.00	22.00	2,595.00	
	<u>\$1,314,212.44</u>	<u>\$53,977.07</u>	<u>\$ 193,769.77</u>	<u>\$1,066,465.60</u>

APPENDIX II.
Revenue Expenditures 1943-44

	Appropriation	Supplementary	Unused	Total
1. Administration:				
Salaries.....	\$ 124,733.00	\$	\$ 2,794.53	\$ 121,938.47
Pensions and Retiring Allowances.....	111,827.00	.....	2,624.21	109,202.79
President's Office.....	1,000.00	.....	.54	999.46
Bursar's Office.....	7,500.00	.....	681.71	6,818.29
Booklet: "The University of Toronto: Its Work and Needs".....	.....	70.97	.....	70.97
Auditor's Fees.....	3,000.00	.....	.....	3,000.00
Insurance.....	23,000.00	2,343.31	.....	25,343.31
Law Costs.....	1,000.00	26.13	.....	1,026.13
Taxes.....	7,500.00	.....	.....	7,500.00
Unemployment Insurance.....	6,000.00	.....	1,216.01	4,783.99
Registrar's Office.....	5,880.00	.....	1,024.57	4,855.43
Convocation Expenses.....	600.00	.....	75.53	524.47
Examinations.....	23,100.00	.....	2,056.39	21,043.61
Superintendent's Office.....	2,800.00	.....	436.38	2,363.62
Central Stores.....	4,750.00	.....	.....	4,750.00
Grounds.....	21,500.00	.....	3,026.57	18,473.43
Protective Service.....	19,550.00	.....	2,711.55	16,838.45
Telephones.....	15,250.00	.....	1,301.40	13,948.60
Convocation and Simcoe Halls.....	13,680.00	.....	605.13	13,074.87
184 College Street.....	1,640.00	121.27	.....	1,761.27
	<u>\$ 394,310.00</u>	<u>\$ 2,561.68</u>	<u>\$ 18,554.52</u>	<u>\$ 378,317.16</u>
II. Library:				
Salaries.....	\$ 58,773.00	\$	\$ 601.70	\$ 58,171.30
Maintenance.....	47,300.00	237.77	.....	47,537.77
Building.....	5,600.00	200.42	.....	5,800.42
	<u>\$ 111,673.00</u>	<u>\$ 438.19</u>	<u>\$ 601.70</u>	<u>\$ 111,509.49</u>
III. Athletics, Physical Training, etc.:				
Salaries.....	\$ 49,640.00	\$ 491.20	.....	\$ 50,131.20
Athletics and Physical Training—Men.....	860.00	.....	\$ 41.48	\$ 818.52
Athletics and Physical Training— Women.....	650.00	.....	119.60	530.40
Health Service.....	5,150.00	.....	378.00	4,772.00
Hart House (share of maintenance).....	7,300.00	81.59	.....	7,381.59
Women's Building (44 Hoskin Avenue).....	1,215.00	101.80	.....	1,316.80
	<u>\$ 64,815.00</u>	<u>\$ 674.59</u>	<u>\$ 539.08</u>	<u>\$ 64,950.51</u>
IV. Royal Ontario Museum.....	<u>\$ 81,000.00</u>	.....	.....	<u>\$ 81,000.00</u>

Revenue Expenditures, 1943-44—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
V. Faculty of Arts:					
Salaries.....	\$ 749,235.00		\$ 4,537.06		\$ 744,697.94
Anthropology.....	25.00		15.46		9.54
Applied Mathematics.....	750.00		573.42		176.58
Archaeology.....	100.00		18.80		81.20
Astronomy.....	1,600.00		1,358.04		241.96
Botany.....	5,400.00		37.18		5,362.82
Chemistry.....	14,540.00		808.52		13,731.48
Chinese Studies.....	100.00	220.19			320.19
Fine Art.....	1,000.00		289.03		710.97
Geography.....	400.00		59.72		340.28
Geology.....	1,100.00		448.58		651.42
History.....	230.00		58.17		171.83
Italian and Spanish.....	225.00		4.52		220.48
Law, School of.....	200.00		18.76		181.24
Mathematics.....	600.00		156.27		443.73
Military Studies.....	60.00		33.16		26.84
Mineralogy.....	1,300.00		438.59		861.41
Philosophy.....	150.00		57.58		92.42
Physics.....	7,650.00		785.39		6,864.61
Political Economy.....	600.00		2.05		597.95
Psychology.....	1,850.00		824.58		1,025.42
Zoology.....	6,050.00		675.94		5,374.06
University College Depts.....	500.00		217.77		282.23
University College General Expenses.....	1,650.00		477.14		1,172.86
Baldwin House (History).....	3,415.00	328.74			3,743.74
Biological Building.....	6,625.00		1,036.04		5,588.96
Botany Building.....	6,475.00		1,206.87		5,268.13
Chemical Building.....	5,950.00		766.35		5,183.65
David Dunlap Observatory.....	4,200.00		242.18		3,957.82
Economics Building.....	11,725.00		730.66		10,994.34
McLennan Laboratory (Physics).....	7,625.00		1,456.62		6,168.38
Military Studies Building.....	3,000.00	179.44			3,179.44
Psychology Buildings.....	5,275.00		390.83		4,884.17
University College Building, No. 43 St. George Street.....	12,975.00		1,439.78		11,535.22
No. 45 St. George Street, (Law).....	1,345.00	59.18			1,404.18
No. 47 St. George Street, (Applied Mathematics).....	1,695.00		420.97		1,274.03
No. 49 St. George Street.....	1,325.00		62.53		1,262.47
	2,200.00		55.23		2,144.77
	\$ 869,145.00	\$ 787.55	\$ 19,703.79		\$ 850,228.76
VI. Faculty of Medicine:					
Salaries.....	\$ 273,325.00		\$ 3,478.80	\$ 58,636.11	\$ 328,482.31
Anatomy.....	5,400.00		1,909.55		3,490.45
Art Service.....	200.00		8.17		191.83
Bio-Chemistry (including Zymology).....	4,600.00		86.55		4,513.45
Hygiene and Preventive Medicine.....	3,190.00		507.10		2,682.90
Medical Jurisprudence.....				1,688.11	1,688.11
Medicine.....					
Obstetrics and Gynaecology.....	400.00		235.57		164.43
Ophthalmology.....	450.00		329.39		120.61
Oto-Laryngology.....	300.00		278.40		21.60
Paediatrics.....				1,419.71	1,419.71
Pathological Chemistry.....	2,025.00		140.81		1,884.19
Pathology and Bacteriology.....	6,800.00		1,981.24		4,818.76

Revenue Expenditures, 1943-44—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
Pharmacy and Pharmacology.....	\$ 2,070.00		\$ 625.81		\$ 1,444.19
Physiology.....	3,200.00	\$ 1,332.02			4,532.02
Psychiatry.....	50.00		50.00		
Radiology.....	650.00				650.00
Surgery.....	2,650.00		1,626.67		1,023.33
Therapeutics.....	300.00		52.40		247.60
General Expenses.....	3,900.00		619.72		3,280.28
Anatomical Building.....	6,275.00		244.53		6,030.47
Banting Institute.....	24,000.00		403.71		23,596.29
Hygiene Building.....	12,500.00		3,103.67		9,396.33
Medical Building.....	8,750.00		154.38		8,595.62
	<u>\$ 361,035.00</u>	<u>\$ 1,332.02</u>	<u>\$ 15,836.47</u>	<u>\$ 61,743.93</u>	<u>\$ 408,274.48</u>
VII. School of Hygiene:					
Salaries.....				\$ 32,260.80	\$ 32,260.80
Maintenance.....				3,801.54	3,801.54
				<u>\$ 36,062.34</u>	<u>\$ 36,062.34</u>
VIII. Faculty of Applied Science:					
Salaries.....	\$ 314,388.00	\$ 1,230.61			\$ 315,618.61
Applied Physics.....	1,500.00	133.67			1,633.67
Architecture, School of.....	855.00		\$ 78.57		776.43
Chemical Engineering and Applied Chemistry.....	10,000.00		149.65		9,850.35
Civil Engineering: Municipal and Structural.....	1,500.00		241.94		1,258.06
Civil Engineering: Surveying and Geodesy.....	1,855.00		201.20		1,653.80
Electrical Engineering.....	3,000.00		1,207.16		1,792.84
Engineering Drawing.....	1,100.00		379.77		720.23
Mechanical Engineering.....	3,800.00		322.58		3,477.42
Metallurgical Engineering.....	1,690.00		194.06	\$ 10,000.00	11,495.94
Mining Engineering.....	2,950.00		1,246.73		1,703.27
General Expenses.....	3,600.00		866.30		2,733.70
Photographic Service.....	9,300.00		1,216.28		8,083.72
Electrical Building (including Mechanical Bldg., and Wind Tunnel).....	8,100.00		1,809.14		6,290.86
Engineering Building.....	6,730.00		733.14		5,996.86
Geodetic Observatory Bldg.....	520.00		14.89		505.11
Mining Building (including Mill Building).....	12,425.00		1,154.40		11,270.60
	<u>\$ 383,313.00</u>				
Less Wallberg Fund.....	20,000.00				
	<u>\$ 363,313.00</u>	<u>\$ 1,364.28</u>	<u>\$ 9,815.81</u>	<u>\$ 30,000.00</u>	<u>\$ 384,861.47</u>
IX. Faculty of Dentistry:					
Salaries.....	\$ 91,352.00	\$ 6,675.06			\$ 98,027.06
Laboratory and Infirmary Supplies, etc.....	24,000.00	2,939.89			26,939.89
General Expenses.....	2,250.00		\$ 107.36		2,142.64
Dental Building.....	14,750.00		1,350.08		13,399.92
	<u>\$ 132,352.00</u>	<u>\$ 9,614.95</u>	<u>\$ 1,457.44</u>		<u>\$ 140,509.51</u>

Revenue Expenditures, 1942-43—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
X. Faculty of Household Science :					
Salaries.....	\$ 28,381.00		\$ 500.92		\$ 27,880.08
Household Science.....	3,275.00		302.42		2,972.58
Food Chemistry.....	2,100.00		221.77		1,878.23
General Expenses.....	2,000.00		100.33		1,899.67
Household Science Bldg.....	5,825.00		402.04		5,422.96
	<u>\$ 41,581.00</u>		<u>\$ 1,527.48</u>		<u>\$ 40,053.52</u>
XI. Faculty of Forestry:					
Salaries.....	\$ 21,050.00		\$ 60.00		\$ 20,990.00
Maintenance.....	2,000.00		166.86		1,833.14
Forestry Building.....	2,580.00		391.18		2,188.82
	<u>\$ 25,630.00</u>		<u>\$ 618.04</u>		<u>\$ 25,011.96</u>
XII. Faculty of Music:					
Salaries.....	\$ 4,450.00				\$ 4,450.00
Maintenance.....	300.00		\$ 201.16		98.84
Special—Grant to Toronto Conservatory of Music.....	11,500.00		3,000.00		8,500.00
	<u>\$ 16,250.00</u>		<u>\$ 3,201.16</u>		<u>\$ 13,048.84</u>
XIII. School of Graduate Studies:					
Salaries.....	\$ 4,100.00				\$ 4,100.00
Maintenance.....	625.00		\$ 216.01		408.99
	<u>\$ 4,725.00</u>		<u>\$ 216.01</u>		<u>\$ 4,508.99</u>
XIV. School of Nursing:					
Salaries.....	\$ 28,064.00				
Special Teaching.....	7,000.00				
School Maintenance.....	2,588.00				
Residence Maintenance.....	20,100.00			\$ 64,210.57	\$ 73,710.57
Contingencies.....	404.00				
Building, No. 7 Queen's Park.....	5,700.00				
	<u>\$ 63,856.00</u>				
Less Rockefeller Grant etc.....	54,356.00				
	<u>\$ 9,500.00</u>			<u>\$ 64,210.57</u>	<u>\$ 73,710.57</u>
XV. School of Social Work:					
Salaries.....	\$ 14,775.00		\$ 447.35		\$ 14,327.65
Maintenance.....	1,025.00		82.83		942.17
	<u>\$ 15,800.00</u>		<u>\$ 530.18</u>		<u>\$ 15,269.82</u>

Revenue Expenditures, 1943-44—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
XVI. School of Physical and Health Education:					
Salaries.....	\$ 13,950.00		\$ 605.92		\$ 13,344.08
Maintenance.....	3,200.00		1,135.04		2,064.96
	<u>\$ 17,150.00</u>		<u>\$ 1,740.96</u>		<u>\$ 15,409.04</u>
XVII. University Extension and Publicity:					
Salaries.....	\$ 16,988.00		\$ 3,317.16		\$ 13,670.84
Extension and Publicity Departments.....	32,800.00	\$ 29,375.68			62,175.68
	<u>\$ 49,788.00</u>	<u>\$ 29,375.68</u>	<u>\$ 3,317.16</u>		<u>\$ 75,846.52</u>
XVIII. Men's Residences:					
Maintenance of Buildings.....	\$ 16,615.00		\$ 1,005.94		\$ 15,609.06
XIX. Women's Residences and Union:					
Maintenance of Buildings.....	\$ 13,350.00	\$ 2,738.13			\$ 16,088.13
Housekeeping Account.....	64,050.00	4,756.88			68,806.88
	<u>\$ 77,400.00</u>	<u>\$ 7,495.01</u>			<u>\$ 84,895.01</u>
XX. Central Power Plant.....	\$ 180,200.00		\$ 7,296.26		\$ 172,903.74
XXI. Miscellaneous and General:					
Alterations—146 St. George Street.....		\$ 14,000.00			\$ 14,000.00
Alterations—5 Willcocks St. Sir Frederick Banting Records.....		7,000.00			7,000.00
Bursaries.....	\$ 8,500.00	800.00	\$ 1,110.00		7,390.00
Contingencies.....	10,000.00		8,398.71		1,601.29
Publications and Societies.....	3,900.00		21.14		3,878.86
86 Queen's Park Rehabilitation.....		5,500.00			5,500.00
Receptions to Societies and University Visitors.....	2,000.00		1,563.65		436.35
Senate Elections.....					
Travelling Expenses.....	1,700.00		34.06		1,665.94
University Expansion Fund.....		5,000.00			5,000.00
	<u>\$ 26,100.00</u>	<u>\$ 32,300.00</u>	<u>\$ 11,127.56</u>		<u>\$ 47,272.44</u>
XXII. Capital Account Charges..	\$ 119,153.00				\$ 119,153.00
XXIII. Special Research:					
Departmental appropriations.....	\$ 16,850.00		\$ 1,060.27		\$ 15,789.73
Banting and Best.....	10,000.00				10,000.00
	<u>\$ 26,850.00</u>		<u>\$ 1,060.27</u>		<u>\$ 25,789.73</u>

RECAPITULATION

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
I. Administration.....	\$ 394,310.00	\$ 2,561.68	\$ 18,554.52		\$ 378,317.16
II. Library.....	111,673.00	438.19	601.70		111,509.49
III. Athletics, Physical Training, etc.....	64,815.00	674.59	539.08		64,950.51
IV. Royal Ontario Museum.....	81,000.00				81,000.00
V. Faculty of Arts.....	869,145.00	787.55	19,703.79		850,228.76
VI. Faculty of Medicine.....	361,035.00	1,332.02	15,836.47	\$ 61,743.93	408,274.48
VII. School of Hygiene.....				36,062.34	36,062.34
VIII. Faculty of Applied Science.....	363,313.00	1,364.28	9,815.81	30,000.00	384,861.47
IX. Faculty of Dentistry.....	132,352.00	9,614.95	1,457.44		140,509.51
X. Faculty of Household Science.....	41,581.00		1,527.48		40,053.52
XI. Faculty of Forestry.....	25,630.00		618.04		25,011.96
XII. Faculty of Music.....	16,250.00		3,201.16		13,048.84
XIII. School of Graduate Studies.....	4,725.00		216.01		4,508.99
XIV. School of Nursing.....	9,500.00			64,210.57	73,710.57
XV. School of Social Work.....	15,800.00		530.18		15,269.82
XVI. School of Physical and Health Education.....	17,150.00		1,740.96		15,409.04
XVII. University Extension and Publicity.....	49,788.00	29,375.68	3,317.16		75,846.52
XVIII. Men's Residences.....	16,615.00		1,005.94		15,609.06
XIX. Women's Residences and Union.....	77,400.00	7,495.01			84,895.01
XX. Central Power Plant.....	180,200.00		7,296.26		172,903.74
XXI. Miscellaneous and General.....	26,100.00	32,300.00	11,127.56		47,272.44
XXII. Capital Account Charges.....	119,153.00				119,153.00
XXIII. Special Research.....	26,850.00		1,060.27		25,789.73
	\$3,004,385.00	\$85,943.95	\$98,149.83	\$192,016.84	\$3,184,195.96
Unused.....	12,205.88		85,943.95		192,016.84
Charged to Revenue.....	\$2,992,179.12		\$12,205.88		\$2,992,179.12

I. ADMINISTRATION

Salaries

(All salaries, except where otherwise stated, are for 12 months to June 30th, 1944)

President's Office

The Hon. H. J. Cody, C.M.G., LL.D., President:

Salary.....	\$ 12,300.00	
Expenses.....	1,500.00	
		\$ 13,800.00

Miss A. MacGillivray, Secretary to the President (paid also \$300.00 as Secretary to the Faculty of Music).....

2,100.00

Leonard Smith, Attendant and Messenger; also Bedel.....

1,400.00

\$ 17,300.00

Bursar's Office

C. E. Higginbottom, Bursar and Secretary to the Board of Governors... \$ 5,500.00

Accounts Branch:

Accountants:

J. A. Gair, General Funds, at \$2,400; on War Service; Honorarium for Special Assistance \$50; contribution to Pension Fund \$72.....

122.00

G. L. Court, Trust Funds, at \$2,300; on War Service; contribution to Pension Fund.....

69.00

H. E. McBride, Acting Accountant.....

2,300.00

Miss E. Crookshanks, Assistant Accountant.....

1,450.00

Bookkeepers:

W. U. Macfarlane.....

1,400.00

D. E. Caton, 1 month, 2 days, at \$1,200.....

109.68

H. J. Cuming.....

1,000.00

Miss M. R. Howitt, at \$1,000; resigned 31 August.....

166.66

On War Service:

J. R. Prince, at \$1,100; contribution to Pension Fund.....

27.50

M. Holditch, at \$1,100; contribution to Pension Fund.....

27.50

Temporary Bookkeepers:

John Seath.....

1,200.00

F. S. Jamieson, at \$1,200; resigned 30 November.....

500.00

Miss E. Long, Appropriations Ledger Clerk.....

1,800.00

Miss V. Whitehead, Assistant Appropriations Ledger Clerk.....

1,200.00

Clerks:

Miss F. M. Quinlivan.....

1,100.00

Miss S. Barnum.....

1,000.00

Miss P. R. Nimmo.....

1,000.00

Mrs. G. J. Tassé, at \$1,050; on War Service from 14 July.....

196.87

Miss C. E. Blunt, at \$1,000; resigned 13 November; reinstated 1 December; resigned 31 January.....

536.12

Mrs. B. E. Berry, at \$1,000; resigned 15 October.....

291.67

Clerks at \$900:

Miss M. Parsons.....

900.00

Miss M. F. Smith.....

900.00

Miss A. Warwick, from 10 August.....

807.34

Miss V. E. Woodward, from 25 October.....

619.92

Miss E. Geary, from 17 November.....

562.25

Miss J. Hurst, from 22 November.....

550.72

Fees Branch:

Miss E. B. Goodwin, Chief Clerk.....

2,350.00

G. M. Grant, Cashier.....

1,900.00

Record Clerks:

Mrs. Isobel McCormick.....

1,150.00

Miss A. de Wynter.....

1,050.00

Miss H. James.....

900.00

Secretarial Branch:

Miss M. Burns, Secretary to the Bursar.....	\$ 2,200.00
Miss M. Donovan, Assistant.....	1,200.00
Miss M. Austin, Appointments and Pensions.....	1,900.00
Miss M. L. Lillie, Assistant.....	1,150.00

Clerks:

Mrs. Joy L. Stuckey, at \$1,100; resigned 15 December.....	542.97
Miss M. V. Ruddle.....	1,050.00
Miss E. Baillie.....	900.00
Miss O. Charles.....	900.00

Miss I. Gourlay, Clerical Assistant, at \$900 from 29 March.....	233.55
--	--------

Temporary Clerical Assistants:

Mrs. Helen M. Lilley, 24 weeks at \$22 per week.....	528.00
Miss J. M. Davis, at \$1,000 per annum and \$3 per half-day.....	418.30
Miss M. S. Morrow, 6 months at \$25 per week and \$3 per half-day.....	252.67

At \$900 per annum:

Mrs. Audrey M. Read, 8½ weeks.....	144.14
Miss B. Goodyear } each 5 weeks, 5 days.....	100.92
Miss D. Parnum }.....	100.92
Miss R. Sumner }.....	100.92

\$ 44,409.62

Registrar's Office

A. B. Fennell, Registrar.....	\$ 5,300.00
A. T. Laidlaw, Assistant Registrar.....	4,300.00

Assistants:

Miss I. E. Fraser.....	1,600.00
Miss J. L. Stephens.....	1,200.00
Miss J. E. Booth, at \$900; on War Service from 1 February.....	675.00
Miss F. I. Fulton, 22 weeks, 5 days, at \$20 per week.....	456.67
V. Fennell, 9 weeks at \$25.....	225.00

Graduates' Register:

Clerks:

Miss M. F. Thompson.....	1,550.00
Miss B. G. Van Allen.....	1,550.00
Mrs. Ruth D. Hanley.....	1,050.00
Miss G. Lawrenson.....	900.00
Miss B. J. Teagle, at \$900; on War Service from 1 September..	300.00
Miss E. E. Mark, at \$18 per week from 25 October.....	645.00

Miss E. M. Sharpe, Secretary to the Registrar.....	1,700.00
--	----------

Stenographers:

Miss H. E. Bonter.....	1,200.00
Miss D. A. Woods, at \$1,050; on War Service; contribution to Pension Fund.....	34.10

Clerks:

Miss A. S. Meen.....	1,700.00
Miss J. E. Woods.....	1,000.00
Miss E. F. Clerk.....	942.00
Mrs. Dorothy Dungan.....	963.34
Miss E. Niemeier, 2 weeks at \$12; 501¼ hours at 50c.....	274.62

Temporary Clerical Assistants:

Miss M. I. McKeown, 13 weeks at \$18 and \$20.....	262.00
R. Cairns, 6 weeks, 5 days at \$20 per week.....	136.67
Miss A. I. Firth, 7 weeks at \$18.....	126.00
Mrs. R. K. Cameron, 310½ hours at 50c.....	155.25
Mrs. M. K. Gibson, 149 hours at 50c.....	74.50
A. W. Gowans, 72 hours at 50c.....	36.00

Filing Clerks:

J. D. Fetherston, at \$650; on War Service.....	
G. Duffy.....	622.00

\$ 28,978.15

Superintendent's Office

A. D. LePan, Superintendent of Buildings and Grounds.....	\$ 6,500.00	
W. H. Bonus, Assistant Superintendent, at \$4,500; on War Service; contribution to Pension Fund	160.00	
Assistants:		
G. D. Maxwell (salary \$3,800; additional allowance \$600).....	4,400.00	
On War Service:		
E. G. Moogk, at \$2,800; contribution to Pension Fund	77.00	
J. Shortreed, at \$2,800; contribution to Pension Fund	84.00	
W. L. D. Carnie, Chief Clerk.....	2,550.00	
Mrs. Roberta M. Lang (nee Rankin), Stenographer	1,350.00	
Clerks:		
Miss A. K. Wynn.....	1,500.00	
Miss E. Nicklin, at \$1,500; resigned 31 March.....	1,125.00	
Mrs. Myrtle R. Wilson (nee Le Grow).....	1,100.00	
Miss B. Hart	1,100.00	
Miss E. J. Henry	950.00	
Miss M. Cook, at \$832; on War Service; contribution to Pension Fund from 1 March.....	7.60	
Temporary Assistants:		
W. Robson.....	2,702.50	
A. J. Butlin.....	2,485.84	
R. L. Derbyshire	2,355.00	
Clerical Assistants:		
Miss L. Hartley, at \$17 per week.....	853.67	
Miss M. Thompson, at \$17 per week	807.51	
Occasional Clerical Assistants, at \$13.50 to \$17 per week:		
Miss B. Poad	228.67	
Mrs. M. Nicholson.....	143.64	
Miss G. Corbett	141.50	
Mrs. E. Nixon	90.67	
Mrs. J. Moody	90.00	
Miss E. Martus.....	70.00	
Miss H. Mossbaugh	60.00	
Miss J. Hill	38.50	
Miss A. Johnston.....	38.50	
Mrs. Margaret Donahue	31.92	
Mrs. S. McMurray.....	23.33	
Miss E. Burnell.....	3.51	
Mrs. A. M. Bertram	2.34	
		\$ 31,070.70

Miscellaneous

J. B. Bickersteth, Warden, Hart House, at \$4,500; on War Service; contribution to Pension Fund.....	\$ 180.00	
		180.00
		\$ 121,938.47

Pensions and Retiring Allowances

University's contribution to Pension Funds for the year ended June 30, 1944:		
Remitted to Teachers' Insurance and Annuity Association, New York, for credit of retiring allowances funded there (original contributory plan).....	\$ 40,491.86	
Less paid by:		
Toronto Conservatory of Music.....	\$ 100.00	
Jacob Finkelman	13.33	
M. J. C. Lazier.....	11.04	
		124.37
Credited to Academic Pension Fund (formerly non-contributory plan)		40,367.49
Credited to Employees' Pension Fund (Administrative and Clerical Employees)		32,000.00
		28,063.73

Sundry Annual Allowances (voted separately) Portion of total pension provided from special funds detailed below:

Sir Robert Falconer, at \$7,600 (portion of \$10,000); ob. December 4..... \$ 4,145.93

Less payable from:

Carnegie Allowance..... \$ 297.02
Academic Pension Fund..... 600.53

897.55

\$ 3,248.38

Lady Falconer, at \$3,800 from December 5 (portion of \$4,850)..... \$ 2,777.00

Less payable from:

Carnegie Allowance..... \$ 200.40
Academic Pension Fund..... 400.80

601.20

2,175.80

Lady Falconer, Special Allowance for 1943-44..... 704.00

Dr. F. A. Mouré..... \$ 3,600.00

Less payable from:

Carnegie Allowances..... \$ 1,305.00
Academic Pension Fund..... 1,743.27

3,048.27

551.73

H. H. Langton..... \$ 2,380.00

Less payable from Carnegie Allowance..... 1,980.00

400.00

7,079.91

Special Allowances:

D. J. Clark, at \$250 to October 31; at \$500 from November 1..... 416.66

Widows' Allowances:

Mrs. M. Hope Gillespie..... 900.00
Mrs. Christian Lynn..... 375.00

1,691.66

President's Office

\$ 109,202.79

Office Supplies, postage, printing and incidentals:

Lion Duplicator Co. of Canada Ltd., paper..... \$ 14.55
Postage..... 58.00
University Press, printing, stationery..... 864.91
Accounts under \$10.00 (3)..... 9.00

Sundry disbursements:

Telegrams, \$14.81; car tickets, \$3.00; postage, \$1.51; sundries \$5.68..... 25.00
Special services, typing, sundry persons (7)..... 28.00

999.46

Bursar's Office

Office Supplies, postage, printing, and incidentals (\$5,194.66):

Burroughs Adding Machine Co., paper, ribbons, services, etc..... \$ 257.48
Bernard Cairns Ltd., rubber stamps, etc..... 27.11
Canadian Bank of Commerce, paper for cheques..... 33.74
Eastern Association of College and University Business Officers, membership dues..... 10.00
Grand and Toy, guides, cards, tray, etc..... 237.95
Lion Duplicator Co. of Canada, paper, ink, stencils..... 41.30
Might Directories Ltd., postal directories, .20; city directory \$43.20 less \$10.00 allowance on 1943 directory..... 33.40
Office Specialty Mfg. Co., folders, filing cases, chair, desk..... 518.95
Postage..... 972.00
Remington Rand Ltd., line-o-times..... 58.00
Robbins and Townsend, paper, ribbons, typewriter service..... 71.20
Toronto Hydro-Electric Shop, fan..... 50.60
Underwood Elliott Fisher Ltd., paper, service covers..... 187.50

University Press, printing and stationery.....	\$	1,805.32	
Accounts under \$10.00 (4).....		7.74	
The Bursar, sundry disbursements: meals for staff for overtime in connection with closing of books, etc., \$429.00; allowance for use of car, banking, \$100.00; carfares \$39.10; sundries, \$27.69; exchange on cheques and postal notes \$13.11; less credit on exchange, \$63.38.....		545.52	
The Bursar, travelling expenses to New York to attend the annual and executive meetings of the Eastern Association of College and University Business Officers, \$278.28; travelling expenses to Montreal to attend the Conference of Business Officers of Canadian Universities, \$43.44.....		321.72	
Superintendent's Dept., labour, \$12.22; material, \$2.91.....		15.13	
Stamp taxes on cheques (\$1,500.93):			
Bank service charges.....		150.93	
Receiver General of Canada, inland revenue stamps.....		1,350.00	
Prepayment of Fees (\$122.70):			
Cashiers, etc.:			
12 students for 3 days at \$3.00 per day.....		108.00	
Superintendent's Dept., labour.....		14.70	
	\$		6,818.29
Booklet—"The University of Toronto, Its Work and Needs":			
Accounted for in 1942-1943 session (\$1,864.84).			
Expenses 1943-1944 University Press, printing.....	\$	75.60	
Less refund made by Post Office relative to 1942-1943.....		4.63	
			70.97
Auditors' Fees:			
Clarkson, Gordon, Dilworth and Nash, annual remuneration.....			3,000.00
Insurance:			
Balance of premiums on General Schedule as renewed at 1 January, 1943, and other three year miscellaneous policies brought forward from 1942-1943.....	\$	41,214.36	
Carried forward to 1944-45.....		20,607.18	
Charged to Revenue, 1943-44.....			20,607.18
Miscellaneous:			
Commercial Union Assurance Co. (Connaught Laboratories Farm).....	\$	1,428.45	
London Guarantee and Accident Co., (bonding of employees).....		954.00	
Insurance Company of North America (Sprinkler Leakage coverage, Old Knox College—Connaught Laboratories, Spadina Division).....		250.00	
London and Lancashire Insurance Company, (Old Knox College—Connaught Laboratories, Spadina Division).....		49.66	
Boiler Inspection and Insurance Co.....		213.33	
Etna Insurance Company, (Surveying Camp, Gull Lake).....		123.03	
Home Insurance Company, (Surveying Camp, Gull Lake).....		123.02	
Canadian Bank of Commerce, (charge for guarantee re safe-keeping of securities).....		150.00	
Hydro-Electric Power Commission of Ontario (permit fee).....		50.00	
Automobiles:			
Dominion of Canada General Insurance Company, University-owned cars, \$230.47; non-ownership coverage, \$160.00.....		390.47	
Accounts under \$25.00 (7).....		67.87	
			3,799.83
	\$		24,407.01
Reimbursement for premiums paid upon purchase of the following properties:			
No. 5 Willcocks St.....	\$	43.97	
No. 146 St. George St.....		27.63	
Old Knox College, (Connaught Laboratories, Spadina Division).....		486.66	
			558.26
Adjustment of expenditures on Fire Losses.....			795.00
	\$		25,760.27
Less: Rebates on cancelled policies.....			416.96
	\$		25,343.31

Law Costs:

Hamilton Cassels, K.C., taxed costs as Solicitor to the University	\$ 1,026.13
--	-------------

Taxes:

City Treasurer, second of five annual payments (continued for a second term of five years) in lieu of taxes on the following properties:

Scott and Front Sts., 188 Yonge St., King St., Adelaide St., 151 Bloor St. West	7,500.00
---	----------

Unemployment Insurance:

Canadian Postage Meter Machine, meter rental	\$ 120.00
Receiver General of Canada, unemployment insurance	4,663.99
	<u>4,783.99</u>

Registrar's Office

Stationery, Office Supplies and Postage (\$2,505.87):

Addressograph Multigraph, ribbons, etc	\$ 47.82
P. E. Hyde, subscription of daily papers	27.00
Might Directories, city directory	43.20
Mimeograph Co., stencil paper, ink	78.15
Office Specialty Mfg. Co., cabinet, cards	108.75
Photographic Service, slides, etc	10.80
Postage	1,545.40
Robbins and Townsend, typewriter service, ribbons	31.40
E. G. Taylor, inspections	12.90
Underwood Elliott Fisher, typewriter rentals	64.00
University Press, printing, stationery	466.49
Accounts under \$10.00 (9)	35.95
Sundry disbursements by Registrar: cables, telegrams, etc., \$18.85; express, \$5.05; miscellaneous, \$3.38	27.28
Superintendent's Dept., telephone, \$2.47; labour, \$3.68; material, .58	6.73

Roll of Service (\$505.84):

Mrs. R. K. Cameron, 23 hours at 50c per hour	11.50
J. P. Coulson, 113 hours at 60½c per hour	68.37
Miss M. K. Halliday, 13 weeks at \$12.00 for 1½ weeks and \$15.00 for 11½ weeks	190.50
Miss E. E. Mark, 2 weeks at \$18.00 per week	36.00
Miss Sylvia Niemeir, 110½ hours at 50c per hour	58.57
Mrs. L. G. Ostrom, 7 5/6 weeks at \$18.00 per week	141.00

Printing, including Arts Calendar, Curricula and cost of Students' Directory (\$2,720.78):

University Press:

Calendars, curricula, etc	1,700.18
Students' Directory	1,020.60

\$ 5,732.59

Less credits: Proceeds from sale of Students' Directory \$ 548.82

Sale of:

Waste paper	\$ 25.00
Stationery, printing etc	28.30
Examination books	99.00
Used City Directory	20.00
	<u>\$ 172.30</u>

Minister of Education, Province of Ontario, to cover cost of matriculation examinations, incidental expenses	156.04
--	--------

877.16

4,855.43

Convocation Expenses:

E. Awde, engrossing degrees	\$ 19.25
Harcourts Ltd., repairs to hoods, mortar boards, etc	104.74
University Press, copies of programmes	400.48

524.47

Examinations:

	Remuner- ation to Examiner	Presiding Officer	Attend- ance	Totals
Adams, Mrs. Gladys.....		\$ 3.00		\$ 3.00
Adamson, A. P. C.....	\$ 5.50	12.00		17.50
Adelman, M.....			\$ 6.00	6.00
Aimone, F. M.....			12.00	12.00
Ainslie, D. S.....		28.00		28.00
Allcut, E. A.....	22.00			22.00
Allin, Miss E. J.....	5.00			5.00
Anderson, P. G.....	21.50			21.50
Anglin, Adrian.....	45.00			45.00
Angus, R. W.....	28.50			28.50
Ante, I. H.....	18.00			18.00
Anthes, R. G.....	2.75			2.75
Armour, R. G.....	90.00			90.00
Armstrong, H. G.....	81.75			81.75
Arnold, Mrs. M. B.....	9.50			9.50
Arthur, E. R.....	5.25	15.00		20.25
Baillie, W. H. T.....	5.25	30.00		35.25
Bain, J. W.....	14.25			14.25
Balthazard, Miss I. G.....	7.50			7.50
Bannan, M. W.....	5.50			5.50
Banting, E. W.....	5.25			5.25
Barclay, T. B.....	7.09			7.09
Barker, A. E.....	2.50			2.50
Baughurst W. A.....			60.00	60.00
Baxter, Miss W.....		58.50		58.50
Beamish, F. E.....	6.75			6.75
Beatty, S.....	11.00			11.00
Bell, H. G.....	10.62			10.62
Bernhardt, K. S.....	39.50	9.00		48.50
Billier, I. W.....			6.00	6.00
Blacklock, Miss H.....			55.00	55.00
Blackwood, W. C.....	18.50			18.50
Bladen, V. W.....	10.50			10.50
Boeschenstein, H.....	11.25			11.25
Bondy, Rev. L. J.....	5.25			5.25
Boswell, M. C.....	14.25			14.25
Bournes, Fraser.....			7.50	7.50
Box, H. K.....	8.25			8.25
Boyd, Wm.....	5.50			5.50
Bradley, Miss E. M.....			9.00	9.00
Brady, A.....	6.00			6.00
Brant, A. A.....	13.25			13.25
Brauer, R.....	16.75	35.00		51.75
Breckenridge, J. G.....	11.75	12.00		23.75
Brett, G. S.....	5.75			5.75
Brezik, V. B.....		35.00		35.00
Brieger, P. H.....	13.13			13.13
Brooks, E. F.....	90.00			90.00
Brown, Alan.....	74.25			74.25
Brown, G. W.....	8.25			8.25
Brown, R. J.....	11.00	18.00		29.00
Brown, V. R.....	9.50			9.50
Bryant, L. R.....	17.75			17.75
Buckley, E. F.....			6.00	6.00
Bumby, Miss I. A.....			15.00	15.00
Burnham, H. H.....	90.00			90.00
Burt-Gerrans, J. T.....	5.50			5.50
Burton, E. F.....	6.25			6.25
Byrne, Paul M.....			60.00	60.00
Cairns, G.....	20.25			20.25
Cameron, G. C.....	47.50			47.50
Campbell, A. A.....	90.00			90.00
Campbell, W. R.....	50.00			50.00
Cano, J.....	2.92			2.92
Carscadden, W. G.....	45.00			45.00
Carson, Mrs. F. J.....	21.00			21.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Carswell, W. E.....		\$ 27.00		\$ 27.00
Cass-Beggs, D. N.....	\$ 21.75	18.00		39.75
Cates, H. A.....	7.75	33.00		40.75
Chapman, R. K.....	11.00	45.00		56.00
Clark, C. C.....	32.75			32.75
Clark, S. D.....	5.75			5.75
Clarkson, F. A.....	16.75			16.75
Clawson, W. H.....				32.40
Cleaver, E. E.....		32.40		45.00
Coburn, Miss K. H.....	45.00			45.00
Cockburn, J. R.....	5.75	31.50		37.25
Cole, C. E. C.....	12.00			12.00
Cole, F. L.....	90.00			90.00
Conboy, F. J.....	14.25			14.25
Coneybeare, J. T.....	45.50			45.50
Cook, Miss A. L.....			\$ 16.50	16.50
Cook, T. W.....	10.50			10.50
Coper, R.....		6.00		6.00
Corrigan, C. A.....	11.25			11.25
Cosbie, W. G.....	43.50			43.50
Cosens, G. G.....	82.12			82.12
Couch, J. H.....	5.25			5.25
Courtice, H. A.....	45.00			45.00
Coventry, A. F.....			42.00	42.00
Cowling, T.....	11.75			11.75
Cox, M. A.....	6.00			6.00
Coxeter, H. S. M.....	27.00			27.00
Craigie, E. H.....	10.50	31.50		42.00
Crawford, M. F.....	6.00	38.50		44.50
Crerar, S. R.....	5.25			5.25
Crosby, W. R.....	11.25	6.00		17.25
Crouch, S. S.....	10.50			10.50
Culbert, M. R.....	20.50			20.50
Cumming, Ross.....	10.25			10.25
Danis, J. T.....			14.00	14.00
Davey, A.....	34.50			34.50
Davidson, G. Bell.....	20.25			20.25
Dawson, R. M.....			13.50	13.50
Deloume, F. E.....	5.50			5.50
DeLury, D. B.....			9.00	9.00
Demarco, F. A.....	26.00			26.00
Detweiler, H. K.....			6.00	6.00
Disney, R. G.....	171.25			171.25
Dodington, E. L.....			1.50	1.50
Dominica, Sister M.....		6.00		6.00
Dore, Rev. J. W.....	2.50			2.50
Drover, C. E.....	5.25			5.25
DuBois, Miss M. L.....			6.00	6.00
Duff, Miss M. E.....		28.00		28.00
Duff, T. A. J.....			46.00	46.00
Dunbar, W. B.....	90.00			90.00
Dwight, T. W.....	12.25	27.00		39.25
Dymond, J. R.....		21.00		21.00
Easterbrook, W. T.....	3.00			3.00
Edison, G.....	6.75			6.75
Edwards, G. R.....	5.00	35.00		40.00
Endicott, N. J.....			3.00	3.00
Etkin, B.....	18.00			18.00
Evans, E. V.....		3.00		3.00
Evans, K. C.....	8.37			8.37
Falconer, J. G.....	2.63			2.63
Farquharson, R. F.....	98.25			98.25
Farrar, C. B.....	166.25			166.25
Farrar, S. G.....	52.38			52.38
Ferguson, F. L.....			7.50	7.50
Fidlar, E.....	5.75			5.75
Finch, R.....	6.25			6.25
Finley, Mrs. Rebecca.....	11.50			11.50
Fitzgerald, G. W.....	11.50			11.50
			3.00	3.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Flenley, R.....	\$ 10.50			\$ 10.50
Forward, Miss D. F.....	.75			.75
Fowler, W. J. R.....	9.75			9.75
Frankel, Miss E.....			\$ 49.00	49.00
Franks, Dr. R. M.....	5.25			5.25
Frumkin, A.....		\$ 24.00		24.00
Fulmer, H. L.....	10.00			10.00
Funnell, W. S.....	6.75			6.75
Gaby, R. E.....	90.00			90.00
Gainsworthy, L. S.....			13.50	13.50
Gardiner, W. J.....	11.50			11.50
George, R. K.....	6.75			6.75
Glover, J. S.....	19.50			19.50
Glynn, W. S.....			12.00	12.00
Godfrey, R. J.....	5.25	45.00		50.25
Goggio, E.....	3.17			3.17
Goodwin-Wilson, R.....	6.25	45.00		51.25
Gopal-Ayengar, A. R.....			64.00	64.00
Goudge, T. A.....	10.75			10.75
Graham, R. R.....	90.00			90.00
Gray, Dr. Alice.....		3.00		3.00
Gray, J. E.....		9.00		9.00
Gray, Jessie.....	45.00			45.00
Gray, Miss M. G.....			3.00	3.00
Graydon, W. F.....			6.00	6.00
Guess, G. A.....	22.75			22.75
Gunvaldsen, K. M.....	21.25			21.25
Haist, R. E.....		3.00		3.00
Ham, A. W.....	10.25			10.25
Ham, J. M.....			4.50	4.50
Hamilton, F. C.....	90.00			90.00
Hamilton, F. W.....	6.00			6.00
Hamilton, Jean.....			10.00	10.50
Hampson, Mrs. H.....			10.50	10.50
Harkness, W. J. K.....	2.50			2.50
Harris, C. W.....	45.00			45.00
Hart, C. W. M.....	6.75			6.75
Helleiner, K. F. M.....	9.25			9.25
Helwig, C. E.....	22.00			22.00
Henderson, R. C.....			18.00	18.00
Henderson, V. L.....	10.75			10.75
Henderson, V. E.....	16.75			16.75
Hepburn, J.....	168.75			168.75
Hicks, R. K.....	6.25			6.25
Hill, D. C.....	8.38			8.38
Hodges, W. E.....			19.50	19.50
Holman, W. L.....	5.50			5.50
Hosie, R. C.....		27.00		27.00
Houpert, J. A.....	5.25			5.25
Howitt, J. E.....	14.75			14.75
Howland, G. W.....	90.00			90.00
Huggins, M. W.....	14.50			14.50
Hughes, F. N.....	53.25		6.00	59.25
Humber, C. M.....			9.00	9.00
Humeniuk, P.....			4.50	4.50
Humphreys, H. L.....	5.25			5.25
Hunter, A.....	7.00			7.00
Hunter, J. E.....			14.00	14.00
Hurst, R. O.....	95.50			95.50
Hyland, H. H.....	45.00			45.00
Ireton, H. J. C.....		3.00		3.00
Irvine, O. R.....	6.00			6.00
Irwin, R. I.....			42.00	42.00
Jackson, W. J. S.....	21.75			21.75
Janes, R. M.....	90.00			90.00
Johnson, J. H.....	5.25	9.00		14.25
Johnston, J. F. A.....	45.00			45.00
Jones, H. C.....			3.00	3.00
Jones, L. E.....	11.00			11.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Jones, T. H.....	\$ 2.88			\$ 2.88
Keegan, R.....	8.13			8.13
Kendall, E. W.....	5.75			5.75
Kenrick, F. B.....	11.50			11.50
Kidd, Mrs. Jessie.....	5.25			5.25
Kirkwood, Mrs. M. M.....	2.50			2.50
Klein, L. G.....	6.25			6.25
Krieger, Miss C. C.....	38.75			38.75
Krueger, L. F.....	20.50			20.50
Kubath, F.....			\$ 6.00	6.00
Laidlaw, Mrs. A. T.....		\$ 33.00		33.00
Laidlaw, Mrs. Margaret K.....		106.50		106.50
Laidlaw, R. E.....	5.25			5.25
Laing, Miss J. C.....		12.00		12.00
Langford, R. R.....	6.50			6.50
Laskin, B.....	10.75			10.75
Ledoux, Mme. J.....		65.50		65.50
Lee, Miss K.....			1.50	1.50
Leggett, Miss J. D.....		3.00		3.00
Legget, R. F.....	16.75	12.00		28.75
Lehmann, A. J. V.....	11.25			11.25
Le Mesurier, A. B.....	90.00			90.00
Leslie, C. W.....		28.10		28.10
Le Vesconte, Miss L.....	5.25			5.25
Lewis, C.....		38.50		38.50
Lewis, E. P.....	52.37			52.37
Lewis, F. I.....	45.00			45.00
Lick, Mrs. Mary F.....		15.50		15.50
Lord, G. R.....	6.50	18.00		24.50
Lorriman, F. R.....	10.25			10.25
Loudon, Miss I. M.....	5.25			5.25
Loudon, J. D.....	45.00			45.00
Low, D. M.....	85.37			85.37
Lucas, G. H. W.....	2.75			2.75
Luke, R. F. W.....	45.00			45.00
McAree, Miss G.....		9.00		9.00
MacCallum, H. R.....	3.75			3.75
McCullough, W. S.....	18.00	108.00		126.00
McCurdy, W. J.....	10.75	38.50		49.25
MacDonald, A. E.....	45.00			45.00
Macdonald, J. B.....	27.00			27.00
Macdonald, J. F.....	2.50			2.50
McDonald, J. L.....	45.00			45.00
MacDonald, Miss M. D.....		31.50		31.50
Macdonald, W. C.....		6.00		6.00
McDougall, D. J.....	18.50			18.50
MacElhinney, W. G.....			6.00	6.00
McGilvray, C. D.....	19.50			19.50
MacGregor, D. C.....	11.25			11.25
McIlwraith, T. F.....	6.50			6.50
McIntosh, R. A.....	9.75			9.75
McIntosh, W. G.....	17.00			17.00
MacKay, A.....	45.00			45.00
MacLachlan, J. D.....	9.00			9.00
McLaughlin, R. R.....	10.00			10.00
McLean, E. C.....	11.50			11.50
MacLean, K.....	2.50			2.50
MacMillan, Sir Ernest.....	18.17			18.17
McMordie, R. C.....	10.50			10.50
McMurrich, Miss K. I.....	16.13			16.13
McNally, A. G.....	5.50			5.50
McPhedran, J. H.....	90.00			90.00
McPhedran, W. F.....	90.00			90.00
McPhee, F. A.....			6.00	6.00
McRostie, G. P.....	10.75			10.75
Magner, Wm.....	7.44			7.44
Maltby, E. J.....	52.50			52.50
Marshall, T. R.....	8.25			8.25
Martin, W. H.....	6.25			6.25

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Meek, T. J.	\$ 11.00			\$ 11.00
Melson, J. W.	5.25	\$ 6.00		11.25
Milligan, G. L.	11.75		\$ 69.00	80.75
Mjolsness, V.			10.00	10.00
Moffatt, R. C.	30.25			30.25
Molinaro, J. A. R.			9.00	9.00
Montgomery, A. E.	45.75			45.75
Montgomery, R. J.		30.00		30.00
Moore, E. S.	1.00			1.00
Morgan, J. F.			6.00	6.00
Morley, Miss S. G.		31.50		31.50
Morrison, C. F.	15.25	18.00		33.25
Morwick, F. F.	10.63			10.63
Moss, A.			6.00	6.00
Munzer, Dr. E.	5.00			5.00
Murray, D. W. G.	90.00			90.00
Murray, J. A.			3.00	3.00
Neal, G. M.		38.50		38.50
Newcombe, Ervin E.			8.00	8.00
Newcombe, J. A.	15.25	6.00		21.25
Norquay, Miss Isabel		12.00	4.50	16.50
Northcott, Miss R. J.	5.75			5.75
Northway, Miss M. L.	2.50	6.00		8.50
Norwood, Mrs. Frances	2.75			2.75
Nylin, M. E.			12.00	12.00
Occomore, H. E.			15.00	15.00
O'Donnell, Rev. J.	2.50			2.50
Oille, John	7.50			7.50
Ostic, Rea C.			30.00	30.00
Owen, T.	95.00			95.00
Panabaker, D. D.		30.00		30.00
Pancer, L.			16.50	16.50
Parke-Taylor, G. H.			46.00	46.00
Parrish, D. J.			12.00	12.00
Parsons, A. L.	10.50			10.50
Paul, E. W.	20.50			20.50
Peckham, J. W.	5.75	42.00		47.75
Phoenix, W. L.			13.50	13.50
Physics, Department of	5.25			5.25
Porter, A. M.		3.00		3.00
Postoloff, Dr. A. V.	21.75			21.75
Potashin, Reva			4.00	4.00
Potter, C.			4.50	4.50
Pounder, I. R.	5.25			5.25
Pratt, D. W.	45.00			45.00
Pratt, E. J.	31.50			31.50
Pratt, Mrs. E. J.		24.00		24.00
Prendergast, D. J.	45.00			45.00
Price, H. W.	5.25			5.25
Price, Dr. R. M.		28.00		28.00
Putnam, D. F.	1.67			1.67
Radforth, N. W.	8.50	42.00		50.50
Rae, J. J.	13.25			13.25
Rae, Miss M.			7.50	7.50
Raithby, G. E.	15.75			15.75
Reaman, G. E.	11.50			11.50
Reid, J. E.	37.25	12.00		49.25
Reid, Spence	90.00			90.00
Rickard, P. A.			13.50	13.50
Riddle, Miss W. C.		63.00		63.00
Riley, C. W.	12.50			12.50
Risdon, F. E.	8.25			8.25
Robert, J. X.	90.00			90.00
Robins, J. D.	7.50			7.50
Robinson, D. A. F.	13.00			13.00
Robinson, T. A.	90.00			90.00
Robinson, W. L.	3.25			3.25
Rolph, F. W.	90.00			90.00
Ross, Mrs. H.			3.00	3.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Rowe, T. L.....			\$ 7.50	\$ 7.50
Rubin, L. J.....	\$ 13.75		42.00	55.75
Runions, A. D.....	6.00	\$ 45.00		51.00
Rushbrooke, Miss A. E.....			6.00	6.00
Ryerson, E. S.....	124.50			124.50
Rykert, H. E.....	50.00			50.00
St. Ivan, Sister M.....	2.50			2.50
St. John, Sister M.....	2.75			2.75
Satterly, J.....	7.25			7.25
Saunders, R. M.....	5.00			5.00
Savage, Miss R. L.....	5.25			5.25
Savan, David.....		31.50		31.50
Schofield, F. W.....	30.00			30.00
Scott, D. P.....			12.00	12.00
Scott, T. N.....	30.50			30.50
Scott, Wm. A.....	131.88			131.88
Secord, Mrs. Doris A.....	48.75			48.75
Selby, D. L.....	14.30			14.30
Shanks, G.....	7.44			7.44
Shapiro, S.....			1.50	1.50
Shaw, J. E.....	1.25			1.25
Shenstone, N. S.....	90.00			90.00
Shepherd, A. L.....		33.00		33.00
Shook, Rev. L. K.....		38.50		38.50
Shutt, D. B.....	6.00			6.00
Sinclair, L. S.....	16.25			16.25
Sissons, C. B.....	5.25			5.25
Smallfield, H. A.....	6.00			6.00
Smith, Bryson M.....			16.00	16.00
Smith, E. A.....	20.25			20.25
Smith, Miss F. A.....	6.25			6.25
Smith, H. G.....	6.25			6.25
Smith, I. W.....	16.25	27.00		43.25
Smith, Leo.....	78.44			78.44
Smith, V. G.....	19.50	24.00		43.50
Snyder, E. S.....	18.50			18.50
Spence, J. J.....		45.00		45.00
Sproule, W. H.....	6.00			6.00
Stanley, G. R.....			54.00	54.00
Staples, M. W.....	9.50			9.50
Staples, W. E.....	5.25			5.25
Stevenson, A. F. C.....	11.00			11.00
Stewart, W. A.....			7.50	7.50
Sullivan, Rev. B. F.....	7.75			7.75
Surerus, J. A.....		38.50		38.50
Tait, M. D. C.....		33.00		33.00
Tansley, Donald E.....			20.00	20.00
Tatham, G.....	4.17			4.17
Taylor, N. H.....	18.34		10.50	28.84
Taylor, Griffith.....	10.42			10.42
Taylor, W. R.....	11.50			11.50
Thompson, Mrs. D.....	2.63			2.63
Thompson, Dr. M.....		69.00		69.00
Thompson, R. W.....	7.00			7.00
Thomson, C. L.....	2.87			2.87
Thordarson, Miss L.....		21.00		21.00
Thornbury, Mrs. Edna.....			36.00	36.00
Thorniloe, W. B.....			1.50	1.50
Tolton, W. D.....	6.00			6.00
Tom, Dr. Mary.....		45.00		45.00
Tomlinson, A. H.....	5.75			5.75
Toomer, J. E.....		36.00		36.00
Tosoni, A. L.....			39.00	39.00
Treadgold, W. M.....	10.75			10.75
Trethewey, W. H.....		31.50		31.50
VanWyck, H. B.....	35.38			35.38
Waddell, Miss M. E. G.....	32.00	28.00		60.00
Waines, R. T.....			18.00	18.00
Walker, Dr. Norma Ford.....	11.25			11.25

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Ward, Norman	\$ 5.25			\$ 5.25
Wardell, A		\$ 27.00		27.00
Wasteneys, H	12.00			12.00
Watson, M. B	21.25			21.25
Watt, J. C	12.75			12.75
Webber, W. J	5.75			5.75
Weir, J. R	14.37	45.00		59.37
Welsh, H. L	5.25			5.25
Wetmore, F. E. W	21.75			21.75
Wey, J. C	11.00	48.00		59.00
White, J. H	5.25			5.25
White, Miss M. E	5.50	35.00		40.50
Wilkinson, F. R	45.00			45.00
Willan, Healey	46.44			46.44
Williams, C. G	5.25			5.25
Williams, C. H. M	34.00			34.00
Williams, E. T			\$ 33.00	33.00
Williams, R. J	5.50			5.50
Wilson, G. E	124.00			124.00
Winnett, F. V	2.63	77.00		79.63
Wiren, R. C	11.25	18.00		29.25
Wishart, D. E. S	90.00			90.00
Wishart, F. O	5.25			5.25
Wolfe, S. E		18.00		18.00
Wolff, F. E	9.50			9.50
Woodcock, Mrs. F. E	5.25			5.25
Woodhouse, A. S. P	2.50			2.50
Woodside, M. St. A	17.50	38.50		56.00
Wookey, H. W	90.00			90.00
Wright, W. J. T	6.75			6.75
Wright, W. W	90.00			90.00
Wrong, Dennis			20.00	20.00
Young, C. R	5.25			5.25
Zimmer, A. R	30.25	6.00		36.25
	\$ 7,792.16	\$ 2,588.00	\$ 1,330.50	\$ 11,710.66

Apportionment

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Arts	\$ 695.05	\$ 1,165.50	\$ 608.50	\$ 2,469.05
Medicine	4,705.93	207.00	104.00	5,016.93
Music	143.05	36.00		179.05
Forestry	42.75	57.00		99.75
Pharmacy	210.00	42.00	15.00	267.00
Veterinary Science	108.75	33.00		141.75
School of Nursing		83.00	5.50	88.50
Applied Science	725.25	519.00	519.00	1,763.25
Household Science	5.25			5.25
Physical and Health Education		88.50	2.00	90.50
School of Social Work	11.00	24.00		35.00
Agriculture	412.25	183.00		595.25
Dentistry	639.75	150.00	76.50	866.25
University Extension	93.13			93.13
	\$ 7,792.16	\$ 2,588.00	\$ 1,330.50	\$ 11,710.66

Remuneration to examiners (as detailed above) \$ 7,792.16
 Presiding and attendance (as detailed above) 3,918.50

Examination supplies and sundries:

Engrossing diplomas, etc., S. Harrod \$ 537.15
 Salvaging examination papers, etc., R. W. Bell, \$21.85, I. W. Biller, \$20.20, J. Coneybeare, \$15.15 57.20

D. H. Wrong, clerical assistance.....	\$	13.13	
Grand & Toy, Ltd., seals.....		25.00	
Office Specialty Mfg. Co.....		99.00	
University Press, diplomas, examination books, etc.....		1,941.30	
Accounts under \$10.00 (5).....		11.08	
Superintendent's Dept: labour, \$405.44, material, \$1.04.....		406.48	
			\$ 3,090.54
Printing examination papers and class lists:			
University Press.....	\$	6,296.34	
Photographic Service, prints.....		11.95	
			6,308.29
			\$ 21,109.49
Less credit for sale of waste paper, etc.....			65.88
			\$ 21,043.61

Superintendent's Office

Office Supplies, postage, printing and incidentals (\$1,993.37):			
Brown Bros., sheets ruled.....	\$	41.85	
H. S. Crabtree, paper.....		16.10	
R. G. Dalton, blueprints, paper.....		97.58	
Harpham Bros., casings, tubes.....		25.90	
McMullin Publishing Co., weekly tariff service.....		25.00	
C. W. Mack, stamps, dies, repairs, etc.....		30.86	
Postage.....		361.00	
Provincial Treasurer of Ontario, car license, gasoline book.....		11.00	
Remington Rand, typewriter service.....		23.50	
Robbins and Townsend, typewriter service, ribbons, etc.....		77.60	
Salem's Garage, repairs, gasoline, etc., on office car.....		201.57	
Thompson Ahern and Co., customs forms.....		10.66	
University Press, printing, binding, stationery.....		757.95	
Accounts under \$10.00 (13).....		54.57	
The Superintendent, sundry disbursements: meals for staff for nightwork, \$7.65; excise stamps, \$12.00; telephone, \$17.92; sundries, \$3.20.....		40.77	
The Superintendent, travelling expenses to Montreal to attend the Conference of Business Officers of Canadian Universities.....		42.95	
Superintendent's Dept., freight, \$2.44; labour, \$110.74; material, \$61.33.....		174.51	
Drafting Assistance:			
J. A. Murray.....		370.25	
			2,363.62
Central Stores:			
Storekeeper:			
C. A. Johnson, 12 months.....	\$	2,150.00	
Assistant Storekeeper:			
Robert Montgomerie, 12 months.....		1,350.00	
Clerk:			
Mrs. Jean I. Archibald, 12 months.....		1,250.00	
			4,750.00
Grounds: (Including upkeep of No. 78 Queen's Park):			
Foreman Gardener, R. R. Corbett, 12 months.....	\$	2,100.00	
Lighting Account.....		435.22	
Labour, gravel, roadways, granolithic walks, flowers, shrubs, and general expenses (\$16,484.51):			
P. Burns and Co., coal.....		43.50	
City Treasurer, repairs, water, etc.....		428.58	
Colling Tire Shop, repairs.....		11.00	
Dominion Wheel and Foundries, frames and gates.....		47.52	
General Motors Products of Canada Ltd., used dump truck.....		1,949.00	
Halliday Bros. Ltd., fuel.....		367.95	
Joe Hampson, sand.....		90.00	
Harpham Bros., tires and repairs for truck.....		86.20	
Hertz Drivurself Stations, truck rental.....		650.16	
John McClaren, sharpening tools, etc.....		14.15	
Metallic Roofing Co. Ltd., supplying and erecting garage.....		130.00	
Provincial Treasurer of Ontario, truck licenses, gasoline books.....		49.50	

Risebrough and Jackson, horse feed.....	\$	150.66
John Rydall, repairs to truck		35.00
Salem's Garage, condenser, repairs to trucks, valves, etc...		340.48
Accounts under \$10.00 (9).....		43.23
Superintendent's Dept., labour, \$10,911.24; material, \$1,136.34.		12,047.58

\$ 19,019.73

Less: Light charged to Central Power Plant.....	\$	435.22
Credit, Minister of Education, Province of Ontario for use of buildings, etc.....		111.08

546.30

\$ 18,473.43

Protective Service:

Pay of Constables and Nightwatchmen (\$16,624.72):

Constables:

R. J. D'Arcy, 12 months.....	\$	1,950.00
C. M. Scruby, 12 months.....		1,700.00

Nightwatchmen:

P. Pinfold, 12 months.....	1,436.76
W. Illingsworth, 12 months.....	1,386.84
J. Kirkwood, 12 months.....	1,380.00
M. Robb, 12 months.....	1,350.00
H. McGee, 12 months.....	1,320.00
L. Saltman, 49 weeks (paid also in Ontario College of Educa- tion and Connaught Laboratories).....	1,306.83
G. Poutney, 37 weeks, 5 nights, (paid also in Ontario College of Education and Connaught Laboratories).....	1,005.84
Wm. Hedley, 36 weeks, 2 nights.....	967.74
E. Rossney, 32 weeks.....	853.44
F. W. Bettridge, 12 months (paid also in Ontario College of Education and Connaught Laboratories).....	845.39
G. Gaul, 14 weeks, 3 nights.....	384.81
D. White, 4 weeks, 4 nights.....	121.92
J. J. O'Connor, 4 weeks, 1 night.....	110.52
H. Cross, 3 weeks, 6 nights.....	102.87
M. J. Campbell, 3 weeks, 1 night.....	83.82
G. M. Tannahill, 2 weeks, 5 nights.....	72.39
J. A. Anderson at \$1,200.00 on war service, contribution to pension fund.....	36.00
Sundry persons (7).....	209.55

Uniforms, clocks, dials, etc. (\$213.73):

Harding Bros. of Canada, repairs to clocks.....	112.20
University Press, stationery.....	32.94
Superintendent's Dept., labour \$22.53; material, \$46.06	68.59

16,838.45

Telephones:

Bell Telephone Co., service to 30 June.....	\$	15,621.45
Less receipts from sub-service.....	\$	5,565.85
Students in residence.....		558.00
Slot machines.....		327.21
		6,451.06
	\$	9,170.39

Switchboard Operators (\$3,060.38):

Mrs. Jessie Hoddinott, 12 months.....	1,100.00
Mrs. A. Mitchell, 50 weeks, 5 days.....	950.57
Miss C. Roberts, 43 weeks, 3 days.....	843.15
Miss Jean Hedge, 2 months.....	166.66

Relief (\$1,717.83):

Mrs. J. Duggan, 27 weeks, 2 days.....	530.16
Miss K. Winton, 24 weeks, 1 day.....	451.92
Mrs. E. Grant, 19 weeks, 2 days.....	384.45
Mrs. M. Chowen, 9 weeks, 4 days.....	174.96
Mrs. M. Findlay, 3 weeks, 3 days.....	64.59
Sundry persons (10).....	111.75

13,948.60

Convocation Hall and Simcoe Hall

Heat and Light	\$ 5,307.89	
Gas, \$48.60; water, \$97.90.....	146.50	
Caretaker's Supplies (\$711.76):		
University Press, ink, paper directory.....	16.46	
Superintendent's Dept., material.....	695.30	
Cleaning (\$6,457.58):		
Allen Manufacturing Co., laundry.....	24.11	
Co-Operative Window Cleaning Service.....	20.00	
Mrs. A. Yates, overtime services.....	10.50	
Superintendent's Dept., labour.....	6,402.97	
Repairs and Renewals (\$2,173.08):		
Wm. Bartlett & Son, window shades.....	6.02	
Bernard Cairns Co., stamps.....	10.78	
Brooks Marble and Tile Co., resetting tread.....	5.14	
Canadian Johns Manville Co., Fibracoustic.....	65.00	
Dustbane Products, cleaning compound.....	7.67	
Johnson Temperature Regulating Co., repairs.....	24.93	
Planet Bicycle Co., messengers' bicycle repairs.....	19.40	
Provincial Treasurer, public hall license.....	10.00	
A. Saywell Co., repairing messenger bags.....	9.50	
Robt. Simpson Co. Ltd., cutlery and dishes.....	33.79	
Superintendent's Dept., labour \$1,453.29; material, \$527.56.....	1,980.85	
Acting Postmaster and Chief Messenger:		
H. R. Cheney at \$1,500.00, on war service; contribution to Pension Fund.....	48.75	
Messenger and Post Office Service (\$3,914.50):		
B. Brown, 34 weeks.....	461.95	
Miss M. Bryant, 13½ weeks.....	191.95	
Miss A. Cameron, 1½ weeks.....	29.70	
D. Dennison, 109½ hours.....	38.33	
R. Dennison, 126½ hours.....	44.28	
Mrs. H. Guthrie, 17 weeks.....	333.30	
R. Guthrie, 3 days, 5 hours.....	7.98	
T. Hannigan, 6 weeks.....	79.70	
J. Hawkshaw, 8½ weeks.....	130.90	
Mrs. R. Lloyd-Jones, 48½ weeks.....	1,140.66	
Mrs. L. Holloway, 23½ weeks.....	335.02	
A. Manon, 9 weeks.....	128.70	
D. Maxwell, 282 hours.....	98.27	
R. McIntosh, 34 days.....	86.63	
Miss H. Peel, 27¼ weeks.....	544.50	
Miss M. Remby, 5 weeks.....	99.00	
Miss M. Thompson, 5½ weeks.....	103.63	
Carfares.....	60.00	
	\$ 18,760.06	
Less Heat and light charged to Central Power Plant	\$ 5,307.89	
Credit for cleaning, etc.....	377.30	
	5,685.19	
	\$ 13,074.87	

86 Queen's Park Rehabilitation

(President's House)

(See Miscellaneous and General)

184 College Street

Light.....	\$ 146.34
Fuel (\$703.53):	
P. Burns and Co.....	78.12
Great Lakes Coal Co.....	58.56
Halliday Bros.....	563.67
Superintendent's Dept., labour, \$2.18; material, \$1.00.....	3.18
Gas, \$21.91; water, \$59.52.....	81.43

Caretaker's Supplies:

Superintendent's Dept., material.....	\$	103.62
---------------------------------------	----	--------

Cleaning (\$410.41):

Allen Manufacturing Co., laundry.....	3.30
Co-Operative Window Cleaning Service.....	8.00
Superintendent's Dept., labour.....	399.11

Repairs and Renewals (\$471.28):

Wm. Bartlett and Son, window blinds.....	4.85
Superintendent's Dept., labour, \$341.28; material, \$125.15.....	466.43

	\$	1,916.61
--	----	----------

Less: light charged to Central Power plant.....	\$	146.34
Sundry credits, cleaning.....	9.00	

	155.34
--	--------

\$	1,761.27
----	----------

<u>\$378,317.16</u>

II. LIBRARY

Salaries

W. S. Wallace, Librarian (paid also \$350. in Ontario College of Education, and \$150. from Special Funds).....	\$	5,500.00
Miss H. G. B. Woolryche, Assistant Librarian (paid also \$75. in Ontario College of Education).....	2,500.00	

Heads of Departments:

Miss M. L. Newton, Circulation, (paid also \$25. in Ontario College of Education).....	2,250.00
Miss E. V. Bethune, Cataloguing.....	2,150.00
Miss A. M. Cordingley, Periodicals.....	1,850.00

Assistants:

Miss E. Creighton.....	1,700.00
Miss E. Aldridge.....	1,700.00
Miss J. Jarvis.....	1,650.00
Miss M. H. Skinner.....	1,600.00
Miss J. Rathbun.....	1,600.00
Miss I. Trowern.....	1,500.00
Miss A. Leonard.....	1,500.00
Miss D. Dignum.....	1,450.00
Mrs. Mary L. Van Gorder.....	1,450.00
Miss E. L. Alexander.....	1,450.00
Miss Dorothea Tod.....	1,450.00
Miss K. Ball, at \$1,400.00; on War Service; contribution to Pension Fund.....	42.00
Miss V. A. Taylor.....	1,400.00
Miss K. Wales.....	1,400.00
Miss Edith Cook.....	1,350.00
Miss G. Williams.....	1,350.00
Mrs. Ruth Mulholland.....	1,300.00
Miss M. Robinson.....	1,300.00
Miss F. E. Bertram, at \$1,250.00; on War Service; contribution to Pension Fund.....	37.50
Miss E. Heighington, at \$1,250.00; on War Service; contribution to Pension Fund.....	34.40
Miss J. MacBeth.....	1,250.00
Miss M. Rose, at \$1,250.00; on War Service; contribution to Pension Fund.....	34.40
Miss J. Arnold.....	1,200.00
Miss M. Carson, at \$1,200.00; resigned 31 October.....	400.00
Mrs. Esther Jacobsen.....	1,200.00
Miss V. I. Keys.....	1,200.00
Miss C. Nisbet.....	1,200.00
Miss E. Pepall, at \$1,200.00; on War Service; contribution to Pension Fund.....	33.00
Miss M. R. Read.....	1,200.00

Miss B. Saunders.....	\$ 1,200.00	
Miss H. C. Wrightman.....	1,200.00	
Miss M. Slater, at \$1,200.00; from 8 October.....	877.40	
Mrs. Mary McCallam, at \$1,200.00; resigned 7 October.....	322.60	
Miss M. G. Harrison, at \$1,200.00; resigned 31 July.....	100.00	
Miss A. Moulton, at \$1,200.00; from 1 August.....	1,100.00	
Miss A. Curry.....	1,200.00	
Miss M. Boyd.....	1,200.00	
Mrs. Jean Beharriell, at \$1,200.00; from November 1 (paid also as Occasional Assistant).....	800.00	
Miss M. H. Buchan, at \$550.00; retired 16 January.....	298.65	
Miss R. M. Schawlow, at \$550.00; from 17 January.....	251.35	
J. A. Patterson, Attendant (with rooms, heat and light valued at \$420.00, as Caretaker of Building).....	1,200.00	
H. S. Cheney, Stackman.....	840.00	
Messengers—(part-time):		
Mrs. Rita Peace, 9 months.....	315.00	
Mrs. Agnes Jackson, 1 month (paid also \$621.12 as Occasional Assistant).....	35.00	
		\$ 58,171.30

Library Maintenance

General Library Appropriation (Current Account):

Books and Periodicals (\$37,232.89):

Edward G. Allen and Son.....	\$ 2,988.05
Thomas Allen Ltd.....	52.77
American Chemical Society.....	59.55
American Dental Association.....	71.58
American Geneological Index.....	44.68
American Institute of Mining and Metallurgical Engineers.....	34.02
American Library Association.....	86.16
American Mathematical Society.....	21.41
American Medical Association.....	139.72
American Psychological Association.....	44.13
American Society of Biological Chemists.....	27.75
American Society for Testing Materials.....	25.07
Architectural Book Publishing Co.....	139.06
Argosy Book Stores Inc.....	68.62
Association of Research Libraries.....	28.03
Avon Books Inc.....	75.60
Baker and Taylor.....	2,468.63
Baker Voorkis and Co.....	27.00
F. N. Bassett.....	32.51
Piere Beres.....	93.02
Biological Abstracts.....	27.89
B. H. Blackwell and Co.....	64.74
P. and H. Bliss.....	176.50
Albert Bonnier Publishing Co.....	35.32
R. R. Bowker Co.....	72.20
A. Britnell Book Shop.....	46.17
Burroughs and Co (Eastern) Ltd.....	38.25
Butterworth and Co. Canada.....	63.01
Cambridge University Press.....	65.51
Canada Law Book Co. Ltd.....	125.80
Carswell and Co. Ltd.....	2,370.24
Chronica Botanica.....	37.05
Citizen's Research Institute of Canada.....	25.00
Arthur H. Clarke Co.....	449.24
Clarke, Irwin and Co.....	319.88
College Art Association of America.....	43.47
Wm. Collins Sons and Co.....	51.33
Copp Clark Co.....	100.09
Wm. Dawson Subscription Service.....	293.87
Richard de Boo Ltd.....	117.00
John Dent and Sons (Canada) Ltd.....	32.87
Fred J. Dimler.....	72.15
Dover Publications.....	59.72

G. Ducharme.....	\$	231.23
Durand Reprinting Committee.....		33.58
Edward Bros. Inc.....		889.84
F. W. Faxon.....		1,482.09
Franz G. Feger.....		913.50
French & European Publications Inc.....		39.96
W. J. Gage and Co.....		146.01
General Publishing Co. Ltd.....		386.03
Globe Printing Co.....		27.00
Goodspeed's Book Shop Inc.....		372.73
Harvard University.....		43.67
Harvard University Press.....		27.55
John Hopkins Press.....		34.38
James C. Howgate.....		80.30
Henry E. Huntington Library and Art Gallery.....		140.35
International Labour Organization.....		30.00
Jarrell-Ash Co.....		48.46
Journal of Land and Public Utility Economics.....		39.41
Journal Press.....		55.78
Leon Kramer.....		34.53
H. K. Kraus.....		101.84
Friedrick Krause.....		28.07
L. Krupp.....		33.94
Language Service Centre.....		75.56
Library Association.....		34.75
Life Underwriters Association of Canada.....		25.20
Linguistic Atlas of U.S.A. and Canada.....		56.96
J. B. Lippincott.....		116.36
B. Login and Son Inc.....		38.47
Helman Lohse.....		553.65
Longmans Green and Co.....		210.32
Luzac and Co.....		35.42
MacMillan Co. of Canada.....		895.41
McAinsh and Co.....		403.19
McClelland and Stewart Ltd.....		125.72
McGraw Hill Book Co.....		453.32
George J. McLeod.....		123.14
Medical Library Association.....		33.58
Minerva Book Sellers.....		172.51
Moody's Investors Service.....		67.42
C. V. Mosby Co.....		30.51
Musson Book Co.....		223.68
Thos. Nelson and Sons Ltd.....		160.52
New York Times Index.....		286.14
Nordeman Publishing Co. Inc.....		29.61
A. H. O'Brien.....		80.00
Old Vienna Book Shop.....		39.85
Peabody Museum.....		47.02
Philosophical Library.....		31.82
Prentice-Hall Inc.....		36.88
Arthur Probsthain.....		88.90
Receiver General of Canada.....		181.77
Ryerson Press.....		400.37
Sankhya Indian Journal of Statistics.....		32.18
S. J. R. Saunders.....		123.39
Peter Scherk.....		45.00
Schoenhof Book Co.....		265.98
Scholars Facsimile & Reprints.....		29.65
Seven Book Hunters.....		53.35
Simpkin Marshall Ltd.....		523.76
Smithers and Bonelli.....		67.24
Society of Chemical Industry.....		47.69
G. E. Stechert and Co.....		1,535.25
Stevens and Sons Ltd.....		26.78
Superintendent of Documents, Washington.....		222.56
University Associates of Canada Ltd.....		49.50
University of Chicago Press.....		98.29
University Society Inc.....		100.18
Verner Ottawa Bureau.....		50.00
Samuel Ward.....		146.35
Sigmund Weiss.....		455.10

E. Wembre	33.43
James T. White and Co.....	29.56
John Wiley and Sons Inc.....	447.87
Williams and Wilkins Co.....	165.94
H. W. Wilson Co.....	589.92
Wistar Institute of Anatomy and Biology.....	154.72
Wittentown and Co.....	108.79
Zietlin and Ver Brugge Booksellers.....	127.13
University Press.....	7,915.75
Accounts under \$25.00 (370).....	2,304.57

General Expenses (\$3,512.97):

Electrolux Canada Ltd., rentals, repairs	29.80
Library of Congress, cards	188.65
Lowe Martin Co. Ltd., cards.....	747.58
Microfilm Inc., films, etc.....	31.37
Office Specialty Mfg. Co., cabinets	70.70
Postage.....	629.85
Robbins and Townsend, typewriter service.....	117.00
Accounts under \$25.00 (5).....	51.09
Superintendent's Dept., freight, \$1,546.98; labour, \$48.73; material, \$51.22	\$ 1,646.93

\$ 40,745.86

Less: Chemistry Dept. Sale of books.....	\$ 494.44
Replacement of books lost by departments, etc.....	56.95

551.39

\$ 40,194.47

Of which charged to sundry funds as follows:

Dental, Harry R. Abbott Fund.....	\$ 426.53
King Alfred Millenary Fund.....	5.18
Phillips Stewart Bequest.....	2.48
Rockefeller School of Nursing Fund.....	181.20
William Lowell Putnam Prize Fund	48.56

663.95

\$ 39,530.52

Transactions by Librarian:

Credited from fines.....	\$ 735.80
replacements.....	102.87
miscellaneous	18.27
graduates' deposits.....	1,107.20
	\$ 1,964.14

Deposits refunded.....	587.48
------------------------	--------

\$ 1,376.66

Transferred to Trust Funds (Schedule 3) balance of graduates deposits	526.78
--	--------

Credited to this account.....	849.88
-------------------------------	--------

\$ 38,680.64

Assistants:

Miss F. English, 12 months	\$ 1,080.00
Miss Margaret Hall, 12 months.....	960.00

Occasional Assistants at \$50.00 to \$80.00 per month:

Miss Ruth Waddington, 9 months, 19 days.....	768.34
Mrs. Helen Speer, 8 months, 18 days.....	684.04
Miss Margaret Hiltz, 8 months, 16 days.....	678.71
Mrs. Agnes Jackson, 8 months, 28½ days.....	621.12
Mrs. Eleanor Jane Statten, 6 months, 5 days.....	487.76
Mrs. Edith Ross McCausland, 6 months, 1 day.....	478.71
Mrs. Dorothy Watson, 5 months, 15 days.....	434.92
Mrs. Greta Helleiner, 4 months, 20 days.....	305.80
Miss Nancy Henderson, 1 month, 28 days.....	154.66
Mrs. Eleanor Kerr, 1 month, 24 days.....	143.99
Miss Margaret Wallace, 1 month, 24 days.....	141.94
Mrs. Mary Carver, 1 month, 20 days.....	132.39

Mrs. Ruth Cameron, 1 month, 7 days.....	\$	97.55	
Mrs. Jean Beharriell, 1 month, 2 days (transferred to salaries).....		85.33	
Robert Fletcher, 1 month.....		50.00	
Miss Marion Walker, 11 days.....		28.56	
Miss Margaret Slater, 9 days (transferred to salaries).....		23.40	
Occasional Assistants at 50c to 60c per hour:			
R. C. Perry, 396 hours.....		198.00	
Kurt Levy, 322 hours.....		172.70	
J. D. Jack, 196 hours.....		117.60	
J. C. Robson, 208 hours.....		106.40	
K. A. Buckley, 140 hours.....		70.00	
D. K. Sinclair, 108 hours.....		54.00	
Miss M. Donnelly, 56 hours.....		28.00	
F. Parke-Taylor, 48 hours.....		24.00	
Miss M. Moffatt, 25 hours.....		12.50	
Miss M. Morley, 21 hours.....		10.50	
T. A. M. Barnett, 16 hours.....		9.80	
Mrs. M. Hood, 12 hours.....		5.16	
	\$	8,165.88	
Less credit.....		80.00	
	\$	8,085.88	
The foregoing \$8,085.88 charged as follows:			
Occasional assistance including opening Lib- rary in evenings.....	\$	6,885.88	
Special grant for re-classification.....		1,200.00	
			\$ 8,085.88
Alterations and fixtures:			
T. Eaton Co., linoleum.....		18.56	
Superintendent's Dept., labour, \$479.28; material, \$273.41.....		752.69	
			771.25
			\$ 47,537.77
Library Building			
Heat and light.....	\$	3,957.06	
Gas, \$50.58; water, \$70.91.....		121.49	
Fuel:			
P. Burns and Co.....		43.50	
Caretaker's Supplies:			
Superintendent's Dept., material.....		541.24	
Cleaning (\$2,596.45):			
Allen Manufacturing Co., laundry.....		13.80	
High Park Window Cleaners.....		60.00	
Superintendent's Dept., labour.....		2,522.65	
Repairs and Renewals (\$2,521.85):			
Wm. Bartlett and Son, shades.....		33.70	
City Treasurer, elevator license.....		5.00	
Johnson Temperature Regulating Co. of Canada, valve thermo- stats.....		32.93	
Vulcan Asphalt and Supply Co., repairs.....		244.94	
Superintendent's Dept., labour, \$1,700.02; material, \$505.26.....		2,205.28	
Caretaker, with living quarters valued at \$420.00 (paid from Salaries as Library Attendant) J. A. Patterson.....			
	\$	9,781.59	
Less: Heat and light charged to Central Power Plant.....	\$	3,957.06	
Sundry credits.....		24.11	
		3,981.17	
			5,800.42
			<u>\$111,500.49</u>

III. ATHLETICS, PHYSICAL TRAINING, ETC.

Athletics and Physical Training—Men

(a) Salaries:

T. A. Reed, Secretary, Athletic Directorate.....	\$ 5,900.00
W. A. Stevens, Director of Athletics and Physical Training for Men (paid by Athletic Association; paid also at \$500.00 in School of Physical and Health Education) on War Service from November.....	
M. G. Griffiths, Assistant Director (also in School of Physical and Health Education, without salary).....	3,600.00

Gymnasium Instructors:

W. H. Martin, 10 months, also Supervisor of Compulsory Physical Training (paid also \$50.00 in School of Physical and Health Education).....	2,700.00
J. E. McCutcheon, 10 months, also Supervisor of Intramural Athletics (paid also \$300.00 in School of Physical and Health Education).....	2,600.00
C. Zwygard, 8 months, (paid also \$800.00 in School of Physical and Health Education).....	1,100.00
H. Phillips, (part-time; 5 months).....	500.00
W. W. Winterburn, Instructor in Swimming, 10 months.....	2,600.00

Part-time Instructors (Sessional):

M. Glionna.....	250.00
G. Daly.....	100.00
Volunteer (8).....	299.25
W. Rimmer, Chief Locker and Attendance Clerk.....	2,100.00

Locker Attendants:

L. Green, at \$30 per week.....	1,570.00
J. Record, 30 weeks at \$25.....	750.00
P. Robb, 30 weeks at \$25.....	750.00
R. Wilson, 8 weeks at \$20.....	160.00
D. Finlay, 3 weeks at \$20.....	60.00
Miss K. Boyd, Clerical Assistant, 10 months.....	900.00

\$ 25,939.25

Less: Secretary's Salary, paid by Athletic Association.....	\$ 5,900.00
Locker Attendants paid from Special Funds.....	550.00

6,450.00

\$ 19,489.25

(b) Maintenance:

Attendance Records, card system (\$106.99):

D. Gestetner (Can.) Ltd., stencils, ink, etc.....	\$ 26.75
University Press, cards, directories, printing.....	72.43
Accounts under \$10.00 (3).....	7.81

Gymnastic appliances and repairs to equipment (\$711.53):

Boake Manufacturing Co., lumber.....	11.04
A. A. Gross, diving board.....	22.00
Harry B. Kennedy Ltd., softballs.....	63.00
Office Specialty Mfg. Co., desk.....	26.60
John Smith, upholstering.....	21.50
Jack Watson Sporting Co., nets, gloves, balls.....	92.10
Harold A. Wilson Co., javelins, discus, megaphone, mats, bladder, punching bag swivels, vaulting and jumping standard, recovering rings and new webbing.....	346.86
York Knitting Mills Ltd., gymnasium shirts.....	15.58
Charles Zwygard, bar-bell.....	20.00
Accounts under \$10.00 (3).....	21.01
Superintendent's Dept., labour, \$53.14; material \$18.70.....	71.84

818.52

Athletics and Physical Training—Women

(a) Salaries:

Miss J. M. Forster, Assistant Director of Physical Education for Women (paid also \$700 in School of Physical and Health Education).....	\$ 1,200.00
--	-------------

Miss W. Baxter, Instructor in Swimming (Sessional).....	\$ 1,200.00
Instructors in Physical Education (Sessional):	
Miss D. N. R. Jackson (paid also \$900 in School of Physical and Health Education).....	1,000.00
Mrs. S. E. McCatty (paid also \$300 in School of Physical and Health Education).....	1,000.00
Mrs. Margaret Graham, Clerical Assistant and Pianist (paid also \$400 in School of Physical and Health Education).....	800.00
Miss A. E. M. Parkes, Secretary-Treasurer, Women's Athletic Directorate (paid also by Students' Administrative Council).....	350.00
	<hr/>
	\$ 5,550.00

(b) Maintenance:

Sundry Expenses (\$294.99):	
Allen Manufacturing Co., laundry.....	\$ 65.01
Archery Craft, strings.....	30.54
B. A. Luxon, piano tuning and repairs.....	17.00
Queen City Glass Co.....	25.79
Robert Simpson Co., furniture, etc.....	21.60
University Press, directories, printing.....	24.44
Harold A. Wilson Co., tennis balls, volley balls, records.....	22.75
Accounts under \$10.00 (6).....	27.86
Superintendent's Dept., labour, \$37.21; material, \$22.79.....	60.00
Instructors (Temporary) (\$153.00):	
Miss M. E. Allen.....	25.00
Miss E. M. P. Cumberland.....	18.00
Charles Walters.....	110.00
Pianists (\$44.41):	
Mrs. A. H. Butler.....	32.05
Mrs. Russell Johnson.....	12.36
Janitor service at night classes:	
A. J. Maycock.....	38.00
	<hr/>
	530.40

Health Service

(a) Salaries:

R. W. I. Urquhart, Director (paid also \$750 in Pathological Chemistry and \$27 as Occasional Examiner).....	\$ 5,200.00
Dr. Gwen Mulock, Assistant Director in charge of Women (paid also \$31 as Occasional Examiner).....	3,000.00
Assistants (Sessional):	
Dr. Jessie A. McGeachy (paid also \$24 as Occasional Examiner and \$100 for Extension Work).....	1,400.00
H. A. Burnett (paid also \$44 as Occasional Examiner).....	1,300.00
Staff Physicians (Sessional):	
K. E. Ferrie (paid also \$24 as Occasional Examiner).....	1,000.00
E. S. Jeffrey (paid also \$13 as Occasional Examiner).....	1,000.00
S. M. Campbell (paid also \$21 as Occasional Examiner; \$115 for Athletic Injury Cases and \$150 in Therapeutics).....	1,000.00
R. H. Thomas, Consultant Surgeon (paid also \$250 in Surgery, Faculty of Medicine).....	200.00
Occasional Staff for Examinations:	
Men:	
W. R. Caven.....	448.00
D. L. Selby (paid also \$1,000 in Pathological Chemistry, Faculty of Medicine).....	408.00
A. R. Wilkins (paid also \$150 in Therapeutics, Faculty of Medicine).....	264.00
R. G. McKenzie (paid also \$1,100 in Faculty of Medicine).....	184.00
C. B. Graham.....	180.00
F. Van V. Snell.....	168.00
L. A. Walker.....	128.00
R. F. Gerred.....	76.00
J. L. McCollum.....	64.00
J. M. Oswald.....	56.00
H. A. Burnett (paid also as Assistant).....	44.00

R. W. I. Urquhart (paid also as Director).....	\$	27.00
K. E. Ferrie		24.00
S. M. Campbell	} paid also as Staff Physicians.....	21.00
E. S. Jeffrey		13.00
H. E. Rykert, Consultant (paid also \$1,000 in Faculty of Medicine).....		10.00

Women:

Dr. Mary Sanderson.....	463.00
Dr. Elizabeth Weizman.....	397.00
Dr. Evelyn Bateman.....	219.00
Dr. Elizabeth Stockdale.....	187.00
Dr. Holly McKinnon.....	156.00
Dr. Elizabeth L. Young.....	140.00
Dr. Agnes Bellman.....	105.00
Dr. Barbara Perry.....	66.00
Dr. Margaret McEachern.....	65.00
Dr. Gwen Mulock (paid also as Assistant Director).....	31.00
Dr. Jessie A. McGeachy.....	24.00
Dr. Marjorie McIntyre.....	3.00
Miss Mary L. Northway (paid also \$1,600 in Psychology, Faculty of Arts).....	100.00
Miss R. Tobias.....	9.00
Miss R. Potashin.....	3.00

Nurses (Sessional):

Miss D. Milne.....	1,125.00
Miss R. Ramsden.....	1,100.00
Mrs. Margaret W. Wherry.....	40.50
Miss L. McKinnon.....	5.00
W. Robertson, Male Orderly (Sessional).....	600.00
J. M. Thomas, First-Aid Attendant, 10 months.....	1,500.00
Miss M. B. Jackes, Office Assistant, salary \$1,200; honorarium \$600; resigned 30 June.....	1,800.00
Miss K. E. Barber, Secretary to the Director from 12 October (paid also \$504.30 from Special Funds).....	360.20
Mrs. Barbara Reyce, Temporary Clerical Assistant.....	78.25
C. E. Downs, Laboratory Technician (paid also \$1,650 in Pathological Chemistry, Faculty of Medicine).....	300.00

 \$ 25,091.95

(b) Maintenance:

Supplies and Equipment (\$970.87):

Allen Mfg. Co., laundry.....	\$	63.04
T. Eaton Co. Ltd., furniture and drugs.....		89.16
Ingram and Bell, medical supplies.....		371.17
Lake Simcoe, Ice and Fuel, ice.....		19.02
Office Specialty Mfg. Co., filing cabinet.....		75.80
Postage.....		20.00
Sani-tread Co., sani-tread slippers.....		87.50
University Press, printing and stationery.....		193.15
Accounts under \$10.00 (6).....		20.59
Superintendent's Dept., labour, \$5.66; material \$23.94; telephone, \$1.84.....		31.44

Infirmiry rentals and subsistence (\$2,185.73):

Comptroller, Hart House, infirmiry rental \$1,000.00; meals, etc., supplied to patients, \$580.04.....	1,580.04
Miss R. Ramsden, sundry disbursements for patients' meals.....	5.69
University College Women's Union, infirmiry rental, \$500.00; cost of maintenance of non-resident students, \$100.00.....	600.00

Rebates to Colleges (\$309.40):

Trinity College	} allowance for student accommodation....{	104.00
Victoria College		205.40

Athletic Injury Cases (\$731.50):

Medical and hospital service:

Professional services:

Dr. Stanley M. Campbell.....	70.00
Dr. Reeve Crawford.....	40.00

Faculty of Dentistry.....	\$	5.00
Dr. Samuel O. Freedhoff.....		25.00
Dr. Frederick L. Lewis.....		15.00
Dr. Howard McCard.....		86.25
Dr. Angus M. McLeod.....		5.00
Drs. F. E. Richards, A. C. Singleton and M. R. Hall, X-Rays.....		207.25
Dr. R. Marshall Wansbrough.....		150.00

Hospitals:

Toronto General Hospital.....		23.00
-------------------------------	--	-------

Reimbursement to students of portion of medical expenses:

A. Bagos.....		8.00
F. L. Clement.....		2.00
S. Cooper.....		8.00
Henry Kuryluck.....		30.00
Robert Morrish.....		8.00
W. Nichols.....		6.00
Carmala Solomon.....		3.50
T. C. Turner.....		32.00
Fred Wienberg.....		7.50

X-Ray Survey for Tuberculosis:

Provincial Department of Health, students' X-Rays.....		574.50
--	--	--------

\$ 4,772.00

Hart House (Share of Maintenance)

Heat and light.....	\$	19,572.42
---------------------	----	-----------

Repairs and Renewals (\$5,958.92):

Brooks Marble and Tile Co. Ltd., repairs.....		7.25
City Treasurer, elevator licenses.....		15.00
E. J. Hall, washing rooms.....		28.00
Arthur S. Leitch Co. Ltd., gravel.....		160.00
Nichols Chemical Co. Ltd., chemicals.....		55.07
Wallace and Tiernan Ltd., hypochlorinator comparator.....		369.65
Superintendent's Dept., labour \$4,030.37; material, \$1,293.58.....		5,323.95

Cleaning, etc., of gymnasium wing (\$5,422.67):

Comptroller, Hart House.....		5,151.30
Superintendent's Dept., labour, \$147.20; material, \$124.17.....		271.37

\$ 30,954.01

Less: Heat and light charged to Central Power Plant \$ 19,572.42

Hart House share of maintenance deducted

from fees collected 4,000.00

23,572.42

\$ 7,381.59

Women's Building—44 Hoskin Ave.

Fuel (\$358.50):

Great Lakes Coal Co.....	\$	65.88
Halliday Bros.....		292.62

Gas, \$15.65; electric current, \$71.06; water, \$8.00..... 94.71

Caretaker's Supplies:

Superintendent's Dept., material.....		36.07
---------------------------------------	--	-------

Cleaning and Furnacemen (\$619.50):

Allen Manufacturing Co., laundry.....		.90
Co-Operative Window Cleaning Service.....		12.00
Superintendent's Dept., labour.....		606.60

Repairs and Renewals (\$208.02):

Consumers Gas Co., pipe.....		28.00
Superintendent's Dept., labour, \$146.36; material, \$33.66.....		180.02

\$ 1,316.80

\$ 64,950.51

IV. ROYAL ONTARIO MUSEUM

University's share of maintenance advanced to the Trustees of the Royal Ontario Museum under R.S.O. 1937, cap. 343.....

\$ 81,000.00

V. FACULTY OF ARTS

Salaries

(1) Departments in University of Toronto (\$605,614.66)

Dean's Office

S. Beatty, Dean (paid also \$5,500 as Professor of Mathematics and \$200 for Extension Work).....	\$ 1,000.00	\$ 1,000.00
---	-------------	-------------

Anthropology

T. F. McIlwraith, Professor (paid also \$500 in Royal Ontario Museum)	\$ 4,500.00	
J. F. Embree, Assistant Professor, at \$2,600; on Leave of Absence.....	2,000.00	
R. F. Fortune, Lecturer (Sessional).....	200.00	
C. W. M. Hart, Special Lecturer (Sessional; paid also \$3,200 in Political Economy).....	250.00	
Mrs. L. W. Bryce, Class Assistant (Sessional).....		\$ 6,950.00

Archaeology

C. T. Currelly, Professor (paid also \$4,000 in Royal Ontario Museum)..	\$ 2,000.00	
H. A. Thompson, Associate Professor, Classical Archaeology, at \$4,000; on War Service; contribution to Teachers' Insurance and Annuity Association.....	200.04	
Special Lecturers (Sessional):		
Mrs. Dorothy Burr Thompson, Classical Archaeology.....	1,900.00	
Rt. Rev. W. C. White, Chinese Archaeology (paid \$2,000 in Chinese Studies and \$2,000 in Royal Ontario Museum).....		
Peter Brieger (paid also \$2,800 in Fine Art and \$300 in Applied Science).....	300.00	\$ 4,400.04

Astronomy

R. K. Young, Professor, also Director of David Dunlap Observatory.....	\$ 4,500.00	
F. S. Hogg, Associate Professor (paid also \$125 for Extension Work).....	3,450.00	
Lecturers (Sessional; on War Service):		
P. M. Millman, at \$2,400; contribution to Teachers' Insurance and Annuity Association.....	120.00	
J. F. Heard, at \$2,150; contribution to Teachers' Insurance and Annuity Association.....	107.52	
Mrs. Helen S. Hogg, Lecturer and Research Associate (Sessional).....	1,200.00	
Miss R. J. Northcott, Computer (paid also \$75 for Extension Work).....	1,600.00	
G. F. Longworth, Observer, at \$1,600 ; On War Service from November.....	822.00	
Summer Assistants:		
D. K. Norris.....	425.00	
W. S. Armstrong.....	300.00	
Mrs. V. Krotkov, Assistant in the Measurement and Reduction of Spectra (Easter Term).....	100.00	
Miss E. M. Fuller, Secretary-Librarian, 9 months at \$1,450; part time for 3 months at \$725; additional allowance for extra services \$100..	1,368.75	\$ 13,993.27

Botany

Professors:		
H. S. Jackson, also Head of Department.....	\$ 5,400.00	
G. H. Duff.....	4,500.00	
H. B. Sifton.....	4,500.00	
D. L. Bailey (part-time).....	3,700.00	
L. C. Coleman (part-time).....	2,500.00	
Assistant Professors:		
Dr. J. Gertrude Wright.....	3,000.00	
T. M. C. Taylor, at \$3,000; on War Service; contribution to Teachers' Insurance and Annuity Association.....	150.00	

Lecturers (Sessional):

A. J. V. Lehmann.....	\$ 2,100.00
M. W. Bannan.....	1,800.00
D. H. Hamly.....	1,800.00
N. W. Radforth (paid also \$420 for Extension Work).....	1,800.00
Miss D. F. Forward.....	1,700.00
A. R. Gopal-Ayengar, Senior Demonstrator and Class Assistant (Sessional; paid also \$150 for Extension Work).....	1,440.00

Class Assistants (Sessional):

Miss C. Dill (paid also \$720 in Special Research).....	720.00
R. G. Atkinson.....	560.00
Miss V. Facey (paid also \$70 in Special Research).....	560.00
J. J. Miller (paid also \$175 in Special Research).....	560.00
H. M. Good.....	520.00
A. R. A. Taylor.....	520.00
R. F. Cain, Curator and Demonstrator.....	1,800.00

Technical Assistants:

Miss C. B. Ross.....	1,800.00
Miss M. B. Givens, at \$1,800; Ob. October 28.....	600.00
Mrs. Elinor L. MacGillivray, 7 months at \$70 per month.....	490.00
Dr. Kathleen L. Hull, Librarian and Teaching Assistant (paid also \$100 from Botanic Gardens).....	1,400.00

Research Assistants (Temporary):

W. Bruck.....	180.00
Miss S. J. Kennedy (paid also \$11 in Special Research).....	180.00
L. Van Cleemput, Horticulturist, at \$2,200 and additional allowance \$200.....	2,400.00
R. Lynn, Stock-Keeper and Technician, at \$1,300; on War Service; contribution to Pension Fund.....	32.50
D. S. Hull, Stock-Keeper and Senior Laboratory Attendant, at \$960 and \$200 additional allowance.....	1,160.00

Clerical Assistants:

Miss L. Alward.....	1,400.00
Miss R. Hobberlin.....	1,300.00

Laboratory Attendants:

S. G. Smith at \$1,000; on War Service; contribution to Pension Fund.....	37.50
Miss A. Vance.....	960.00
Mrs. Norah J. Nolan, at \$960; resigned May 31.....	880.00
Miss P. Malone, 1 month.....	80.00

\$ 52,530.00

Chemistry

Professors:

F. B. Kenrick, also Head of Department; retired June 30.....	\$ 5,700.00
A. R. Gordon.....	5,000.00
G. F. Wright.....	5,000.00
J. T. Burt-Gerrans, Electro-Chemistry.....	4,500.00
L. J. Rogers, Analytical Chemistry (paid also \$10 for Extension Work).....	4,500.00
W. H. Martin, Ob. February 22; balance of salary paid to Widow..	4,300.00

Associate Professors:

J. B. Ferguson.....	4,400.00
W. S. Funnell.....	4,200.00
F. R. Lorriman.....	3,600.00
F. E. Beamish.....	3,600.00
F. E. W. Wetmore, Assistant Professor.....	2,700.00

Lecturers (Sessional):

J. J. Rae.....	2,500.00
Mrs. Phyllis M. Marrian, Micro-Analysis, from October 5 to March 31.....	812.15

Assistants (Sessional):

Miss E. V. Eastcott.....	1,800.00
F. H. Krenz.....	814.91

R. C. Langille.....	\$ 781.57	
P. E. Braid.....	724.00	
K. G. Herring.....	724.00	
C. W. MacKinnon.....	724.00	
D. L. Vincent.....	724.00	
H. F. V. Wall.....	724.00	
A. L. Rosenberg.....	707.57	
Miss R. E. Bryan.....	675.00	
G. Allen.....	650.00	
C. Apt.....	650.00	
K. K. Carroll.....	650.00	
G. E. Dunn.....	650.00	
Miss A. M. Johnson.....	650.00	
J. C. MacKenzie.....	650.00	
H. G. McLeod.....	650.00	
J. R. Mills.....	650.00	
M. K. Phibbs.....	650.00	
E. J. Pritchard.....	650.00	
G. A. Ingham (4 months).....	325.00	
Miss E. M. S. Arthur (1 month).....	90.91	
Part-time:		
E. Aristoff.....	399.00	
G. C. Benson.....	399.00	
I. Cameron.....	399.00	
J. E. C. Currah.....	399.00	
P. M. Laughton (1 month).....	50.00	
R. Fortescue, Laboratory Assistant (with rooms, heat and light valued at \$420 as Careraker).....	1,250.00	
W. Banton, Laboratory and Lecture Assistant.....	1,700.00	
Miss A. E. Stewart, Secretary-Assistant and Librarian, at \$1,200 from September 1.....	1,000.00	
Laboratory Attendants:		
E. Chadwick, 52 weeks, 1 day, at \$18 and \$19.....	977.83	
E. Cachia, 41 weeks, 4 days, at \$14 and \$15.....	619.16	
Mrs. Muriel Porter, 38 weeks, 4 days, at \$14 and \$15.....	577.16	
L. Bussen, 9 weeks, 3 days at \$14.....	133.00	
H. Keedwell, 9 weeks, 3 days at \$13.....	123.50	
F. H. Twigg.....	86.37	
	<hr/>	\$ 74,240.13
Organic Chemistry Research:		
H. O. L. Fischer, Professor (paid \$5,000 from Special Fund).....		
Erich Baer, Assistant Professor.....	3,000.00	
J. M. Grosheintz, Research Associate.....	2,040.00	
Technicians:		
D. Edson, at \$780 on War Service.....		
B. Weinberg, at \$840; resigned June 15.....	895.00	
Miss N. Gleaston, 1 month.....	70.00	
Mrs. C. MacCallum (paid also \$350 in Medicine).....	243.60	
	<hr/>	\$ 80,398.73
Chinese Studies		
Rt. Rev. W. C. White, Professor and Head of Department (paid also in Royal Ontario Museum).....	\$ 2,000.00	
Instructors (Sessional):		
Mrs. Ruth Watts (paid for Easter Term only).....	450.00	
F. Y. S. Tseng (paid for Easter Term only; paid also \$300 in Psychology).....	210.00	
Research Assistants (Sessional; without salary):		
E. H. Johnson.....		
G. C. C. Scovil.....		
Miss B. Kingston, Secretary and Librarian (paid in Royal Ontario Museum).....		
	<hr/>	\$ 2,660.00

Fine Art

John Alford, Professor	\$ 5,000.00
Peter Brieger, Associate Professor (paid also \$300 in Archaeology, \$300 in Applied Science and \$300 for Extension Work).....	2,800.00
C. F. Comfort, Assistant Professor, without salary; on Leave of Absence .....	.....
Instructors (Sessional; part-time):	
P. Haworth	700.00
Mrs. B. C. Haworth	100.00
Special, without salary:	
M. Baldwin .....	.....
Miss R. Home (paid in Royal Ontario Museum).....	.....
C. Atkins.....	.....
Mrs. Isabelle Whitley, Reader (Sessional; part-time).....	150.00
Miss H. E. C. Leigh-Mallory, Lantern Operator, with honorarium to be applied on Fees.....	150.00
Miss N. McMurray, Secretary-Librarian (Sessional).....	600.00
	<hr/>
	\$ 9,500.00

Geography

Griffith Taylor, Professor; also Head of Department (paid also \$2,500 in Ontario College of Education and \$410 for Extension Work).....	\$ 4,000.00
Assistant Professors:	
G. Tatham (paid also \$355 for Extension Work).....	2,500.00
D. F. Putnam (paid also \$205 for Extension Work).....	2,400.00
Miss M. Brookstone, Instructor (paid also \$380 for Extension Work)....	1,400.00
Assistants (Sessional; part-time):	
Miss M. Lustig.....	145.00
D. W. Kirk.....	115.00
R. I. Ruggles.....	115.00
	<hr/>
	\$ 10,675.00

Geology

Professors:	
E. S. Moore, also Head of Department (paid also \$100 for Sum- mer Field Work).....	\$ 5,500.00
G. B. Langford, Mining Geology (paid also \$10 for Extension Work).....	4,900.00
A. MacLean	4,300.00
Assistant Professors:	
L. S. Russell, at \$2,800; on War Service; contribution to Teachers' Insurance and Annuity Association.....	140.04
V. J. Okulitch (paid also \$250 for Extension Work; resigned June 30).....	2,300.00
Dr. Madeleine A. Fritz (part-time; paid also in Royal Ontario Museum)	900.00
W. W. Moorhouse, Lecturer, Sessional, at \$1,800; on War Service; contribution to Teachers' Insurance and Annuity Association.....	90.00
Demonstrators (Sessional):	
J. Claveau.....	500.00
S. A. Ferguson.....	500.00
Miss J. Maxwell, Stenographer r-Librarian, at \$1,000 from November 8, of which one-half paid in Mineralogy.....	323.61
W. F. Castle, Laboratory Attendant, 9 months.....	700.00
	<hr/>
	\$ 20,153.65

History

Professors:	
Chester Martin, also Head of Department	\$ 5,500.00
R. Flenley.....	4,700.00
F. H. Underhill.....	4,700.00
G. W. Brown (paid also \$234 for Extension Work and \$400 from University Press).....	4,500.00
B. Wilkinson, Mediaeval History (paid also \$100 for Extension Work).....	4,500.00

Associate Professors:

G. de T. Glazebrook, at \$2,850; on War Service; contribution to Teachers' Insurance and Annuity Association.....	\$ 192.60
D. G. Creighton, at \$3,200 and additional allowance \$200 (paid also \$360 for Extension Work and \$200 from University Press)	3,400.00
Edgar McInnis, at \$3,200 and additional allowance \$200.....	3,400.00
D. J. McDougall, at \$3,000 and additional allowance \$200 (paid also \$305 for Extension Work).....	3,200.00
R. M. Saunders, Assistant Professor (paid also \$384 for Extension Work).....	3,000.00
Special Lecturers (Sessional):	
G. G. Coulton (paid also \$100 for Extension Work).....	1,500.00
C. R. Sanderson (paid also \$220 in School of Physical and Health Education)	300.00
Rev. H. B. L. Hughes, Lecturer and Tutor (Sessional).....	500.00
Readers (Sessional):	
Mrs. W. J. Eastaugh	250.00
Mrs. Elaine G. Mitchell.....	250.00
Miss F. C. Hahn, Secretarial Assistant, 9 months.....	900.00
	<hr/>
	\$ 40,792.60

Italian and Spanish

Professors:

M. A. Buchanan.....	\$ 6,000.00
J. E. Shaw.....	6,000.00
Emilio Goggio (paid also \$180 for Extension Work).....	4,500.00
Associate Professors:	
G. C. Patterson.....	3,800.00
Juan Cano (paid also \$400 for Extension Work).....	3,800.00
E. C. de la Casa, Assistant Professor (Sessional; paid also \$180 for Extension Work).....	2,500.00
Instructors (Sessional):	
N. H. Tayler (paid also \$10 for Extension Work).....	1,500.00
J. A. Molinaro, Michaelmas Term.....	150.00
Miss M. I. Sirdevan, Easter Term.....	150.00
	<hr/>
	\$ 28,400.00

Law

Professors:

W. P. M. Kennedy, Constitutional Law; also Dean of the School of Law (paid also \$600 from University Press).....	\$ 6,000.00
F. C. Auld, Jurisprudence.....	4,700.00
J. Finkelman, Associate Professor, Administrative and Industrial Law, at \$3,200; on leave of Absence (paid \$15 for Extension Work).....	
Assistant Professors:	
J. E. M. Hancock, at \$2,100 and additional allowance \$200.....	2,300.00
B. Laskin, at \$2,100 and additional allowance \$400.....	2,500.00
Lecturers (Sessional):	
G. D. Kennedy, Law.....	1,500.00
H. G. Fox, Law of Industrial Property, without salary.....	
K. G. Gray, Criminal Law and Criminology, without salary.....	
	<hr/>
	\$ 17,000.00

Mathematics

Professors:

S. Beatty (paid also \$1,000 as Dean).....	\$ 5,500.00
I. R. Pounder (paid also \$22 for Extension Work).....	4,600.00
Associate Professors:	
W. J. Webber.....	4,200.00
N. E. Sheppard.....	4,000.00
A. F. C. Stevenson.....	4,000.00
D. A. F. Robinson.....	3,500.00
J. D. Burk.....	3,100.00
R. Brauer.....	3,100.00

H. S. M. Coxeter (paid also \$200 for Extension Work).....	\$ 3,100.00	
Leopold Infeld.....	3,100.00	
G. de B. Robinson, at \$2,800; on War Service; contribution to Teachers' Insurance and Annuity Association.....	140.04	
Assistant Professors:		
A. Weinstein.....	2,600.00	
Miss C. Krieger (paid also \$10 for Extension Work and \$9.88 from University Press).....	2,200.00	
D. B. de Lury (paid also \$300 for Extension Work).....	2,200.00	
Lecturers (Sessional):		
B. A. Griffith, at \$2,250; on Leave of Absence.....		
Miss M. E. G. Waddell.....	2,000.00	
D. C. Baillie, at \$1,550; on War Service; contribution to Teachers' Insurance and Annuity Association.....	77.52	
Fellows (Sessional):		
W. J. R. Crosby.....	800.00	
B. Noonan.....	800.00	
L. S. Sinclair.....	650.00	
A. Schild.....	600.00	
		\$ 50,267.56

Military Studies

Major M. Barry Watson, Director and Assistant Professor, at \$2,600, part-time, \$1,600; Honorarium as Special Lecturer \$600.....	\$ 2,200.00	
W. A. Baughurst, Assistant, 10 months.....	1,100.00	
		\$ 3,300.00

Mineralogy

Professors:		
A. L. Parsons, also Head of Department, at \$5,000; retired December 31.....	\$ 2,500.00	
J. Ellis Thomson, at \$4,500 to December 31; also Head of Department at \$5,100 from January 1 (paid also \$100 for Extension Work).....	4,800.00	
M. A. Peacock, at \$4,400 to December 31; at \$5,000 from January 1.....	4,700.00	
Lecturers (Sessional):		
V. B. Meen (part-time; paid also in Royal Ontario Museum).....	1,500.00	
E. W. Nuffield.....	1,300.00	
Miss J. Maxwell, Stenographer-Librarian, at \$1,000 from November 8, of which one-half paid in Geology.....	323.61	
W. Wightman, Laboratory Attendant, 9 months (paid for 3 months in Royal Ontario Museum and \$50 for Extension Work).....	1,000.00	
		\$ 16,123.61

Philosophy

Professors:		
G. S. Brett (paid also \$1,000 in Ethics and \$1,000 in School of Graduate Studies).....	\$ 5,000.00	
F. H. Anderson.....	4,700.00	
H. R. MacCallum (paid also \$210 for Extension Work).....	4,400.00	
W. Jarvis McCurdy, Associate Professor (paid also \$210 for Extension Work).....	3,100.00	
T. A. Goudge, Assistant Professor, at \$2,700; on War Service from August 1.....	776.25	
Lecturers (Sessional):		
G. Edison, at \$2,500 of which \$833.34 paid by Trinity College (paid also \$14 for Extension Work).....	1,666.66	
D. Savan (paid also \$1,000 in Ethics).....	1,000.00	
Miss E. G. Ramsden, Assistant (Sessional).....	400.00	
		\$ 21,042.91

Physics

Professors:

E. F. Burton; also Director of Physical Laboratory (paid also \$30 for Extension Work).....	\$ 6,000.00
J. Satterly.....	5,300.00
L. Gilchrist.....	4,500.00
H. J. C. Ireton.....	4,000.00
J. Patterson, Honorary Professor of Meteorology.....	

Associate Professors:

H. Grayson Smith.....	3,800.00
D. S. Ainslie (paid also \$340 for Extension Work).....	3,800.00
M. F. Crawford.....	3,800.00
A. Pitt.....	3,200.00

On War Service:

C. Barnes, at \$3,600; contribution to Teachers' Insurance and Annuity Association.....	180.00
J. O. Wilhelm, at \$3,600; contribution to Teachers' Insurance and Annuity Association.....	180.00

Assistant Professors:

Miss E. J. Allin.....	2,500.00
J. M. Anderson.....	2,500.00
R. Richmond.....	2,400.00
H. L. Welsh, at \$2,400; on War Service from January 31.....	1,640.00
Miss K. M. Crossley.....	2,200.00
Miss F. M. Quinlan (paid also \$120 for Extension Work).....	2,200.00
A. A. Brant (paid also \$900 from Special Funds).....	1,200.00
A. D. Misener, Lecturer and Demonstrator, at \$1,800; on War Service; 35 hours at \$1.25 per hour, \$43.75; contribution to Teachers' Insurance and Annuity Association, \$90. (paid also \$100 for Extension Work).....	133.75

Demonstrators (Sessional):

A. Smith, at \$2,100 less 1 month.....	1,837.50
S. G. Ellis.....	2,000.00
Mrs. Dorothy Elson.....	2,000.00
R. W. McKay (paid also \$150 for Extension Work).....	1,200.00
G. A. Wrenshall, 10 months; part-time; (paid also \$1,500 from Medical Research Best Fund).....	1,000.00

Assistant Demonstrators (Sessional):

Mrs. Alice I. Thomson.....	800.00
Mrs. L. Morrison.....	600.00
Mrs. C. Morrison.....	600.00
Mrs. M. Rotenberg.....	500.00
Part-time at \$1.25 per hour:	
R. W. Jackson.....	206.25
E. J. Northwood.....	206.25
T. E. Hull.....	176.25
Miss M. G. Harris.....	130.00
Miss M. Leask.....	130.00
J. Berman.....	121.25
D. S. Johnson.....	121.25
W. B. Arnold.....	115.00
J. H. Burwell.....	115.00
Eric Brannen.....	93.75
P. N. Haurlan.....	93.75
Miss M. M. Callan.....	90.00
P. J. Denison.....	90.00
V. A. W. Graham.....	90.00
J. H. Kerfoot.....	90.00
J. M. McCrea.....	90.00
S. V. Soanes.....	90.00
H. A. Harvey.....	86.25
T. E. Munford.....	86.25
W. J. Weir.....	86.25
Miss A. T. Reed, Class Assistant and Secretary.....	2,000.00
Miss N. K. Reed, Librarian and Clerical Assistant.....	1,300.00
R. H. Chappell, Glass-blower.....	3,000.00
B. Clark, Mechanician.....	2,500.00

Assistant Mechanicians:

J. Ward.....	\$ 2,100.00
G. T. Woodward.....	2,100.00
F. M. Shepherd.....	2,000.00
A. Owen.....	1,800.00
P. Blackman, Laboratory and Lecture Assistant.....	1,800.00
J. A. Reid, Assistant Laboratory and Lecture Assistant, at \$800; on War Service; contribution to Pension Fund.....	22.00
	<u>\$ 81,000.75</u>

Less chargeable to:

Special Funds.....	\$ 7,678.75
University Extension.....	300.00
	<u>7,978.75</u>

\$ 73,022.00

Political Economy

Professors:

H. A. Innis, also Head of Department (paid also \$10 for Extension Work).....	\$ 5,200.00
H. R. Kemp, Commerce, at \$4,100; on War Service; contribution to Teachers' Insurance and Annuity Association.....	200.04
V. W. Bladen (paid also \$220 for Extension Work and \$400 from University Press).....	4,200.00
A. Brady (paid also \$10 for Extension Work and \$100 from University Press).....	4,000.00
R. M. Dawson, at \$4,000; on half-time in Michaelmas Term.....	3,000.00
H. A. Logan (paid also \$326 for Extension Work).....	3,900.00
H. R. Coates, Visiting Professor of Statistics (Sessional).....	1,500.00
L. T. Morgan, Associate Professor.....	3,700.00

Assistant Professors:

A. F. W. Plumtre, at \$2,900; on War Service; contribution to Teachers' Insurance and Annuity Association.....	145.08
D. C. MacGregor, at \$2,800; on Leave of Absence; Honorarium.....	1,000.00
J. F. Parkinson, at \$2,800; on War Service; contribution to Teachers' Insurance and Annuity Association.....	140.04
V. F. Coe, at \$2,700; on War Service; contribution to Teachers' Insurance and Annuity Association.....	135.00

Lecturers (Sessional):

C. B. Macpherson, at \$2,100; on Leave of Absence.....	2,000.00
K. Helleiner (paid also \$306 for Extension Work).....	2,000.00
E. Munzer.....	1,800.00
J. E. Hodgetts.....	1,800.00
J. R. Mallory (paid also \$436 for Extension Work).....	1,800.00
L. Skeoch.....	1,800.00
R. E. V. Anderson.....	1,700.00
Miss L. Savage.....	1,700.00
A. Nash, Honorary Lecturer (Sessional).....	

Special Lecturers (Temporary):

W. H. Nicholls.....	84.13
Lloyd Reynolds.....	76.65
Norman S. Buchanan.....	52.68
D. A. MacGibbon.....	50.00
E. J. Hamilton.....	47.90
E. F. Beach.....	30.90
Comptroller, Hart House, for Expenses on account of Lectures..	4.40

Instructors (Sessional):

J. G. Perold.....	1,500.00
S. G. Murray (paid also \$150 for Extension Work).....	1,500.00

Assistants (Sessional):

A. T. Calder.....	250.00
W. R. Dymond.....	250.00
E. A. Maynier.....	250.00
H. C. Murray (paid also \$6.00 for Extension Work).....	250.00
Z. Sametz.....	250.00
E. Gross, 7 months.....	218.75
M. Bitz, 1 month.....	31.25
Mrs. K. Klawe, Temporary.....	105.00

Secretarial Assistants (Sessional):		
Miss C. W. McNeill.....	\$	1,100.00
Mrs. Joyce F. Wry, 15 September to 31 December, resigned.....		291.68
Miss R. M. Mulligan, 1 January to 15 June.....		447.70
Accounting:		
Professors:		
W. S. Ferguson, part-time.....		2,550.00
C. A. Ashley; also Supervisor of Studies in Political Economy.....		4,000.00
F. R. Crocombe, Associate Professor (paid also \$340 for Extension Work).....		3,500.00
Sociology:		
C. W. M. Hart, Assistant Professor and Supervisor of Studies in Sociology (paid also \$200 in Anthropology).....		3,200.00
S. D. Clark, Lecturer (Sessional), at \$2,100; on Leave of Absence: honorarium.....		300.00
Instructors (Sessional):		
Miss E. R. Younge.....		1,800.00
Miss A. D. Ross.....		1,500.00
		\$ 63,561.20
Psychology		
Professors:		
E. A. Bott; also Director of Laboratory; at \$5,000; on War Service paid by British Government; contribution to Teachers' Insurance and Annuity Association.....	\$	200.04
W. E. Blatz (paid also \$1,100 in Institute of Child Study).....		4,500.00
S. N. F. Chant, at \$4,300; on War Service; contribution to Teachers' Insurance and Annuity Association.....		200.04
Associate Professors:		
William Line, at \$3,900; on War Service; contribution to Teachers' Insurance and Annuity Association.....		195.00
T. W. Cook (Sessional; paid also \$200 for Extension Work).....		3,600.00
K. S. Bernhardt (paid also \$800 in Institute of Child Study; \$1,186 for Extension Work and \$195 in School of Nursing).....		3,500.00
J. D. Ketchum, at \$3,200; on War Service; contribution to Teachers' Insurance and Annuity Association.....		160.08
Assistant Professors:		
G. P. Cosgrave.....		3,000.00
C. R. Myers, at \$2,300; on War Service paid by British Government; contribution to Teachers' Insurance and Annuity Association.....		115.08
Lecturers (Sessional):		
Dr. Mary L. Northway, at \$500 and additional allowance \$1,100; (paid also \$900 in Institute of Child Study and \$210 for Extension Work).....		1,600.00
Mrs. Magda B. Arnold (paid also \$980 for Extension Work).....		1,500.00
Special Lecturers (Sessional):		
Mrs. Lila F. Maltby.....		600.00
R. W. B. Jackson (paid also \$2,900 in Ontario College of Education).....		200.00
K. H. Rogers (paid also \$100 for Extension Work).....		200.00
G. W. Anderson (paid also \$150 in Medicine).....		100.00
R. J. R. Bell, Instructor (Sessional).....		700.00
Class Assistants (Sessional):		
Mrs. Reva Gerstein.....		500.00
Mrs. Harmona Ross.....		350.00
W. H. Bexton.....		300.00
T. D. Cowper.....		300.00
Miss E. B. Frankel.....		300.00
G. W. Fitzgerald.....		300.00
Mrs. Dorothy McVicar (paid also \$100 in Institute of Child Study).....		300.00
Mrs. E. K. Palter.....		300.00
Miss R. Potashin.....		300.00
F. Y. S. Tseng (paid also \$210 in Chinese Studies).....		300.00
G. C. Cooper, Technician.....		2,300.00

Laboratory Attendants:

Miss D. D. Hearn.....	\$ 1,150.00
Miss G. Evans (paid also \$350 in Institute of Child Study).....	400.00

Clerical Assistants:

Mrs. Winifred Mussen, at \$1,100; on Leave of Absence.....	.....
Miss G. M. Bransby.....	1,100.00

\$ 28,570.24

Less paid by School of Nursing.....	300.00
-------------------------------------	--------

\$ 28,270.24

Zoology

Professors:

E. M. Walker, Invertebrate Zoology; also Head of Department.....	\$ 5,500.00
W. H. Pierson, at \$5,100, of which \$2,550 paid in Medicine (also in Dentistry, without salary) retired June 30.....	2,550.00
J. R. Dymond, Systematic Zoology.....	4,400.00
A. F. Coventry (paid also \$200 in Medicine).....	4,100.00
A. G. Huntsman, Marine Biology, without salary.....	.....

Associate Professors:

W. H. T. Baillie.....	4,100.00
J. W. McArthur.....	4,100.00
E. H. Craigie.....	4,000.00
W. J. K. Harkness, at \$3,550 and additional allowance \$200.....	3,750.00
Dr. Norma Ford Walker (paid also \$300 in School of Nursing)...	3,300.00

Assistant Professors:

K. C. Fisher, at \$2,850 and additional allowance \$100; on War Service from February.....	2,248.14
F. P. Ide, at \$2,400; on War Service; contribution to Teachers' Insurance and Annuity Association.....	120.00
R. R. Langford (paid also \$1,250 in Special Research).....	1,550.00
F. E. J. Fry, Lecturer at \$2,150 of which \$1,250 paid from Special Research; on War Service; contribution to Teachers' Insurance and Annuity Association.....	107.52

Dr. Jeanne M. Fisher, Special Lecturer, 4 months (paid also \$1,100 in Medicine).....

432.00

Demonstrators (Sessional):

G. M. Neal (paid also \$150 in Special Research).....	1,200.00
Miss V. E. Engelbert (paid also \$265 as Assistant, \$170 in Special Research and \$200 in School of Physical and Health Education).....	1,100.00
J. G. Aldous.....	800.00
Mrs. R. D. C. Marvel, at \$1,100; on leave of Absence from March 1.....	687.50

Temporary Demonstrators:

Miss M. Wilson (paid also \$25 as Temporary Technical Assistant).....	250.00
Mrs. Barbara Cunningham.....	100.00
S. N. Tibbo (paid also \$500 in Special Research).....	17.00

Assistants (Sessional):

P. Parizeau.....	600.00
Miss C. Sullivan.....	600.00
Miss L. Wallis.....	395.00
Miss W. Noonan.....	350.00
Miss M. McDowell (paid also \$975 as Technical Assistant).....	300.00
Dr. V. E. Engelbert (paid also as Demonstrator).....	265.00
Dr. Helen S. Robinson.....	225.00
J. G. Oughton (paid also in Royal Ontario Museum).....	210.00
K. Graham (paid also \$500 in Special Research).....	150.00
Mrs. Virginia S. Black (paid also \$436 in Special Research).....	120.00
Y. Jean.....	70.00
Miss S. Kennedy.....	70.00
L. P. Chiasson (paid also \$285 in Special Research and \$600 from Special Funds).....	50.00
Roland Brett (paid also \$200 in Special Research).....	35.00
Miss G. Carson.....	35.00

Research Assistants for May and June:

Miss D. McLean.....	\$	150.00
J. C. Hall (paid also \$530.14 in Special Research).....		119.86

Technical Assistants:

A. Quantrill, at \$1,500 and additional allowance \$125.....	1,625.00
Miss M. McDowell (paid also \$300 as Assistant).....	975.00
Mrs. Audrey H. Shortt, 10 months, at \$800 and additional allowance \$50.....	850.00
Miss F. H. Armstrong, from February 1 at \$110 per month.....	550.00
Miss R. Thomas, at \$975; resigned August 31.....	162.50
D. B. Waddell, May and June (paid also \$500 in Special Research).....	160.00

On War Service, each at \$1,000:

S. Clare, contribution to Pension Fund.....	27.50
T. Stovell, contribution to Pension Fund.....	27.50

Temporary:

E. Gilbert (paid also \$210.48 in Special Research).....	72.13
Miss M. Wilson (paid also \$250 as Temporary Demonstrator).....	25.00
R. Popham.....	20.00
Miss M. Walker.....	7.70
W. J. LeRay, Curator of Vivarium.....	1,750.00
D. G. LeRay, Assistant in Vivarium, at \$900; on War Service to September 27.....	691.18
Mrs. Ethel B. Taylor, Assistant in Vivarium at \$18 per week to September 27; First Laboratory Assistant at \$17 per week from 28 September and additional allowance \$75.....	977.15
A. Prince, Chief Laboratory Assistant, at \$900; on War Service; contribution to Pension Fund.....	24.75
R. Hannah, Chief Laboratory Assistant to September 27; Laboratory Attendant to May 13; at \$15 per week.....	678.75
W. Smith, Laboratory Attendant and Stores Assistant, at \$1,000 and \$450 additional allowance.....	1,450.00
E. C. Cross, Secretary, at \$1,800; on War Service (also in Royal Ontario Museum) contribution to Pension Fund.....	58.50
Miss R. Jenkins, Acting Secretary, at \$1,200 and additional allowance \$300.....	1,500.00
Librarian and Stenographer:	
Miss E. Caesar, at \$1,100; resigned September 15.....	229.17
Mrs. O. M. Proctor, at \$1,000 from September 15.....	835.00
Mrs. Ruth McGill, Secretarial Assistant in the West Wing, 9 months.....	720.00

\$ 61,573.85

(2) Departments in University College (\$139,083.28)

Classics

Gilbert Norwood, Professor and Director of Classical Studies.....	\$	6,250.00
(a) Greek:		
E. T. Owen, Professor.....		4,700.00
Associate Professors:		
D. E. Hamilton.....		4,200.00
M. D. C. Tait (paid also \$354 for Extension Work).....		3,700.00
(b) Latin:		
E. A. Dale, Professor, at \$4,700 of which \$2,250 paid by Trinity College.....		2,450.00
(c) Greek and Roman History:		
C. N. Cochrane, Professor (also Dean of Residence, with free House, Heat and Light valued at \$300).....		4,500.00
Miss Mary C. Needler, Assistant Professor, at \$2,700; on War Service; contribution to Teachers' Insurance and Annuity Association.....		135.00
Mrs. Frances Norwood, Lecturer (Sessional).....		2,000.00

\$ 27,935.00

English

Professors:

M. W. Wallace (paid also \$1,500 as Principal, University College); retired June 30.....	\$ 6,000.00
R. S. Knox.....	5,000.00
J. F. Macdonald.....	4,500.00
A. S. P. Woodhouse (paid also \$100 from University Press).....	4,400.00
W. H. Clawson, Associate Professor.....	4,000.00

Assistant Professors:

N. J. Endicott (paid also \$720 for Extension Work).....	3,150.00
J. R. MacGillivray (paid also \$130 for Extension Work and \$40 from University Press).....	3,100.00
A. E. Birney, at \$2,500; on War Service; contribution to Teachers' Insurance and Annuity Association.....	125.04
C. T. Bissell, Lecturer, (Sessional) at \$2,000; on War Service; con- tribution to Teachers' Insurance and Annuity Association.....	100.08
Miss R. I. Jenking, Assistant (Sessional; part-time).....	600.00
J. D. Grant, Fellow (Sessional; paid also \$520 for Extension Work).....	500.00

 \$ 31,475.12

French

Professors:

F. C. A. Jeanneret.....	\$ 5,500.00
J. S. Will.....	5,000.00
St. E. de Champ (paid also \$200 for Extension Work).....	4,500.00

Associate Professors:

R. D. C. Finch.....	3,800.00
W. J. McAndrew (paid also \$1,000 as Registrar, University College and \$300 for Extension Work).....	3,700.00
H. L. Humphreys.....	3,700.00
J. G. Andison (paid also \$300 for Extension Work).....	3,500.00
C. D. Rouillard, Assistant Professor, at \$3,200; on War Service; contribution to Teachers' Insurance and Annuity Association.....	160.08

Lecturers (Sessional):

G. L. Assié, at \$2,000; on War Service; contribution to Teachers' Insurance and Annuity Association.....	100.08
J. A. Houpert, at \$2,100; resigned August 31.....	350.00
Miss I. G. Balthazard (paid also \$284 for Extension Work).....	1,800.00
Miss M. D. MacDonald (paid also \$200 for Extension Work).....	1,800.00
P. E. Marquis.....	1,800.00

 \$ 35,710.16

German

Barker Fairley, Professor and Head of Department (paid also \$200 for Extension Work).....	\$ 6,000.00
Thure Hedman, Associate Professor (paid also \$100 for Extension Work).....	4,000.00

Assistant Professors:

G. E. Holt.....	3,450.00
H. Boeschenstein, at \$3,000; on War Service (paid \$325 for Ex- tension Work) contribution to Teachers' Insurance and Annuity Association.....	150.00
Martin Joos, Lecturer, Sessional at \$2,100; on War Service; con- tribution to Teachers' Insurance and Annuity Association.....	105.00
R. Coper, Instructor (Sessional).....	1,500.00
Miss M. Sinden, Fellow (Sessional, at \$500 and \$75 allowance for Fees)	575.00

 \$ 15,780.00

Semitics

Professors:

W. R. Taylor.....	\$ 5,500.00
T. J. Meek.....	5,500.00

Assistant Professors:

F. V. Winnett.....	3,200.00
W. S. McCullough.....	3,000.00
G. H. Parke-Taylor, Reader (Easter Term).....	83.00

 \$ 17,283.00

Ethics

G. S. Brett (paid also as Professor of Philosophy and Dean of School of Graduate Studies).....	\$ 1,000.00	
D. Savan, Lecturer (Sessional; paid also in Philosophy)	1,000.00	
		\$ 2,000.00

University College General

M. W. Wallace, Principal (paid also as Professor of English) retired June 30.....	\$ 1,500.00	
Miss Marion B. Ferguson, Dean of Women (with living allowance valued at \$400).....	2,500.00	
W. J. McAndrew, Registrar (paid also as Associate Professor of French).....	1,000.00	
Miss E. H. McAndrew, Assistant to the Registrar.....	1,100.00	
Miss M. Blackburn, Secretary in the Registrar's Office.....	1,400.00	
Miss C. Tocque, Stenographer in University College.....	1,400.00	
		\$ 8,900.00
		\$744,697.94

MAINTENANCE OF DEPARTMENTS

Anthropology

Supplies:		
Photographic Service, lantern service.....	\$ 8.00	
Royal Ontario Museum, multigraphing.....	1.54	
		\$ 9.54

Applied Mathematics

Clerical Assistance and Supplies:		
Postage.....	\$ 15.00	
J. R. Pounder, clerical assistance, 1 month.....	150.00	
Accounts under \$10.00 (3).....	11.17	
Superintendent's Dept., freight.....	.41	
		\$ 176.58

Archaeology

Supplies:		
Photographic Service, slides.....	\$ 74.25	
Ryerson Film Service, slides.....	6.95	
		\$ 81.20

Astronomy

At University:		
Supplies (\$31.18):		
Bausch and Lomb Optical Co., bulb.....	\$ 4.00	
Central Scientific Co., filter.....	17.87	
Superintendent's Dept., freight, \$6.72; material, \$2.59.....	9.31	
At Observatory:		
Supplies and Apparatus (\$224.88):		
Eastman Kodak Co., plates, carbonate.....	72.93	
Postage.....	24.00	
University Extension, maps.....	16.00	
University Press, stationery.....	33.20	
Accounts under \$10.00 (3).....	32.68	
Sundry Disbursements by department: stationery, \$2.43; hardware, \$1.01; supplies, \$7.95; sundries, \$4.61.....	16.00	
Superintendent's Dept., telephone, \$3.86; freight, \$3.60; labour, \$2.50; material, \$20.11.....	30.07	
Library including binding, mending and publications (\$170.67):		
Canadian National Telegraphs, telegram.....	.57	
Royal Astronomical Society, communications.....	25.00	
University Press, binding books, bulletins, etc.....	145.10	
	\$ 426.73	
Less credits: Sale of material.....	184.77	
		\$ 241.96

Botany

Laboratory and Office Supplies (\$2,836.79):	
Allen Manufacturing Co., laundry.....	\$ 50.12
W. E. Booth Co., lantern plates, slides.....	25.76
Mrs. E. Bradley, washing cloths.....	17.81
British Drug Houses Ltd., drugs, chemicals.....	170.88
Brown Brothers Ltd., folders.....	15.12
Canadian Pad and Paper Co., paper.....	28.08
Central Scientific Co., glassware, chemicals, etc.....	406.30
Consolidated Plate Glass Co., plates.....	51.56
Corbett-Cowley Ltd., laboratory coats.....	31.46
Eastman Photographic Stores, films, chemicals, filter, etc.....	98.78
T. Eaton Co., machine parts, thermos jugs.....	35.14
Fisher Scientific Co., clamps, rubber tubing, etc.....	75.65
General Biological Supply House, specimens.....	19.70
Genetics Laboratory Supplies, specimens.....	21.28
J. F. Hartz Co., nipples, etc.....	11.75
Hotel and Hospital Supply Co., hand towels.....	18.00
R. Laidlaw Lumber Co., lumber.....	28.68
Mallinckrodt Chemical Works, chemicals.....	71.10
Mimeograph Co., covers, paper.....	22.26
Postage.....	92.24
Robbins and Townsend, typewriter service, ribbons.....	13.80
Sheppard and Gill Lumber Co., lumber.....	44.70
Robt. Simpson Co., lamps.....	26.85
Stephens Sales Ltd., stencils.....	18.36
George Tamblin Ltd., cotton.....	17.25
Toronto Envelope Co. Ltd., envelopes.....	22.58
Triarch Botanical Products, slides.....	18.01
Edward Weck and Co., sectioning blades.....	22.48
Fred Wood, cases.....	20.00
University Press, printing, stationery, etc.....	635.60
Accounts under \$10.00 (18).....	82.84
Sundry disbursements by department: stationery and drugs, \$38.66; hardware, \$13.00; transportation, \$33.97; supplies, \$72.35; sundries, \$47.21; express and postage, \$38.78.....	243.97
Superintendent's Dept., freight, \$106.22; labour, \$53.57; mater- ial, \$218.89.....	378.68
Herbaria, Bear Island Laboratory, cases, labour, supplies, etc. (\$249.15):	
Mrs. E. Bradley, washing.....	10.90
J. Lanoie, repairs.....	17.00
R. C. Russell, plant specimens.....	12.63
Telfer Paper Box Co., filing cases.....	64.15
University Press, printing, stationery.....	13.77
Accounts under \$10.00 (5).....	21.96
Sundry disbursements by department: supplies, \$5.07; transporta- tion, \$54.74; postage, \$1.65.....	61.46
Superintendent's Dept., material.....	47.28
Botanic Gardens and Greenhouses, supplies and labour (\$2,389.17):	
Medicine Hat Potteries, flower pots.....	21.38
Ocean Chemicals Ltd., fumigating.....	11.00
Superior Bulb Co., bulbs.....	34.00
Tomsett Contractors, loam.....	12.00
Edward Webb and Sons, labels, moss, seed, etc.....	81.98
Accounts under \$10.00 (7).....	29.68
Superintendent's Dept., labour \$150.15; material, \$28.98.....	179.13
Greenhouse Assistants:	
P. Alexeiff, 12 months.....	960.00
S. A. Bond, 12 months.....	960.00
Dr. Kathleen L. Hull, honorarium.....	100.00
Apparatus and Equipment (\$446.36):	
Art Metropole, cover glass, test plate, etc.....	27.10
Canadian Laboratory Supplies, Ltd., gas lighter tips.....	14.70
Central Scientific Co., jars, bulbs, grating.....	25.94
R. H. Chappell, flasks, glass tubes.....	80.50
Corning Glass Works, beakers.....	10.29
Eastman Photographic Stores, films, chemicals.....	36.06

Frigidaire Products of Canada, repairs.....	\$	29.96	
Kelvinator of Canada Ltd., repairs.....		10.50	
McCutcheon's Camera Shop, screen.....		19.95	
Office Specialty Mfg. Co., cabinet.....		15.30	
Triarch Botanical Products, slides.....		26.81	
Fred Wood, making supports.....		122.00	
Accounts under \$10.00 (2).....		10.50	
Superintendent's Dept., labour.....		16.75	
			\$ 5,921.47
Less credits: Laboratory deposits.....	\$	556.15	
Sundry credits.....		2.50	
			558.65
			\$ 5,362.82

Chemistry

Maintenance:

Chemistry:

Chemicals, glassware, apparatus, etc. (\$10,859.72):

Baker Platinum of Canada, silver block, stirring rod.....	\$	35.65	
Bay Salvage Co., oak table.....		35.00	
Belle Ewart Ice and Fuel Co., ice.....		95.04	
British Drug Houses, chemicals.....		321.39	
Canadian Laboratory Supplies, cylinders, burettes, chemicals, etc.....		2,024.23	
Canadian Liquid Air Co., oxygen, nitrogen.....		39.61	
Carbide and Carbon Chemicals Corporation, chemicals.....		11.81	
Central Scientific Co., filter paper, tubing, thermometers, etc.....		3,226.60	
R. H. Chappell, glassblowing.....		12.75	
Dominion Glass Co., glass.....		11.14	
Eastern Salvage Co., motors, generators.....		41.53	
Eastman Kodak Co., chemicals.....		103.57	
Fisher Scientific Co., splints, clamps.....		66.12	
R. Fortescue, overtime.....		15.00	
Gutta Percha and Rubber Ltd., tubing.....		48.94	
G. A. Hardie and Co. Ltd., towels.....		270.19	
Arthur S. Lapine and Co., thermometers.....		37.68	
Mallinckrodt Chemical Works, chemicals.....		137.26	
Merck and Co., chemicals.....		338.51	
Mimeograph Co., paper, ink.....		272.45	
Nicholls Chemical Co., chemicals.....		246.67	
Ontario Cork Co., corks.....		142.92	
Oxopure Drinking Water, distilled water.....		168.75	
Postage.....		63.00	
Reilly Tar and Chemical Corporation, chemicals.....		10.45	
Safety Supply Co., goggles.....		13.50	
G. W. Stein, mercury.....		12.80	
E. M. Tozier, copper, gold.....		21.00	
Viking Distributing Co., chemicals.....		14.51	
Wall Chemical Canadian Corporation, oxygen, repairs, etc.....		113.01	
University Press, printing, stationery.....		909.17	
Accounts under \$10.00 (30).....		121.75	
Sundry disbursements by department: stationery and drugs, \$13.57; supplies, \$35.49; hardware, \$19.26; sundries, \$13.62; postage, \$17.34;.....		99.28	
Superintendent's Dept., telephone, \$14.77; freight, \$80.49; labour \$304.78; material, \$1,378.40.....		1,778.44	

Repairs and Renewals:

Superintendent's Dept., labour, \$433.92; material, \$138.80.....		572.72	
			\$ 11,432.44
Less credits: Laboratory deposits.....	\$	3,290.75	
Sale of material.....		173.61	
			3,464.36
			\$ 7,968.08

Electro-Chemistry:

Supplies and Apparatus:

American Instrument Co., liners, etc.....	\$	579.43	
Bakelite Plastics, disks.....		11.70	

Canada Wire and Cable Co., wire.....	\$	17.84	
Canadian Laboratory Supplies Ltd., repairs, funnel, beakers, etc.....		123.23	
Canadian Liquid Air Co., oxygen, nitrogen.....		10.76	
Canadian National Carbon Co., rods.....		14.33	
Central Scientific Co., flasks, tubing.....		121.59	
Coulter Copper and Brass Co., copper screen, etc.....		14.86	
Electric Products Co. of Canada, magnet coils.....		10.80	
G. A. Hardie and Co. Ltd., cheesecloth.....		34.75	
Photographic Service, slides, photostats, blueprints.....		30.86	
Radio Trade Supply Co., transformer, condensers, tubes, etc.....		158.77	
Richardson Bond and Wright, charts.....		119.18	
Wall Chemicals Canadian Corporation, oxygen.....		21.96	
W. M. Welch Manufacturing Co., micrometers.....		150.91	
University Press, stationery, printing.....		35.50	
Accounts under \$10.00 (9).....		65.13	
Sundry disbursements by department: stationery and drugs, \$2.15; hardware, \$14.84; supplies, \$11.86; sundries, \$14.40; postage and carfare, \$8.88.....		52.13	
Superintendent's Dept., freight, \$86.20; labour, \$306.86; ma- terial, \$300.39.....		693.45	
			\$ 2,267.18

Organic Chemistry Research:

Supplies, Apparatus and Equipment:

American Society of Biological Chemists, chemicals, reprints.....	\$	14.28	
British Drug Houses, drugs, chemicals, etc.....		576.58	
Canada Colours and Chemicals Ltd., chemicals.....		10.12	
Canadian Laboratory Supplies, tubes, crucibles, clamps, repairs, etc.....		65.51	
Central Scientific Co., tubing glassware, chemicals, funnels, etc.....		393.80	
Fisher Scientific Co., tubes, motor, etc.....		150.42	
A. S. Hunt, funnel, flasks, repairs.....		69.00	
Ingram and Bell Ltd., chemicals.....		50.85	
O. H. Johns Glass Co., glassware.....		26.42	
Johnson Matthey and Co., chemicals.....		41.75	
Liquid Carbonic Canadian Corporation, ice.....		30.06	
Mrs. Ena Mason, analyses, chemicals.....		814.00	
National Research Council, analyses.....		29.40	
Office Specialty Mfg. Co., file.....		48.00	
Parkdale Laundry, laundry.....		24.47	
Receiver General of Canada, reprints.....		15.00	
Bernard Weinberg, photographic work.....		15.00	
S. S. White Co. of Canada, hydrogen, oxygen, nitrogen.....		55.00	
University Press, printing and stationery.....		41.85	
Accounts under \$10.00 (4).....		16.07	
Sundry disbursements by department: stationery and drugs, \$4.94; hardware, \$2.89; supplies, \$6.12; sundries, \$20.82; ex- press and postage, \$5.23.....		40.00	
Superintendent's Dept., freight, \$4.41; labour, \$10.82; material, \$303.22.....		318.45	
			2,846.03

Physical Chemistry:

Supplies, Chemicals, etc.:

Aikenhead Hardware Ltd., hardware.....	\$	63.26	
Baker Platinum of Canada, evaporating dishes, platinum.....		131.94	
Bay Salvage Co. Ltd., cabinet.....		20.00	
Belle Ewart Ice and Fuel, ice.....		15.84	
Canadian Laboratory Supplies, chemicals, glassware, etc.....		257.11	
Central Scientific Co., chemicals, etc.....		31.05	
R. H. Chappell, glassblowing.....		16.80	
J. J. Rae, rings, tubes.....		43.85	
Superior Electric Ltd., hot plates.....		54.48	
Accounts under \$10.00 (3).....		15.26	
Superintendent's Dept., freight.....		.60	
			650.19
			\$ 13,731.48

Chinese Studies

Supplies:

D. Gestetner Ltd. (Canada), paper, mimeographing.....	\$	21.76	
Harvard University Press, books.....		36.23	
Arthur Probsthain, books.....		37.88	
Stanford University Press, books.....		25.89	
H. W. Wilson Co., index.....		12.03	
University Press, printing, stationery.....		125.07	
Accounts under \$10.00 (11).....		43.47	
Sundry disbursements by department: stamps, \$8.65; book, \$1.35..		10.00	
Superintendent's Dept., freight.....		7.86	
			\$ 320.19

Fine Art

Supplies and Equipment:

Art Metropole, paper, pencils, canvastex.....	\$	182.96	
Artists' Supply Co., papers, erasers.....		51.57	
Mellors Fine Art, repairs to prints.....		12.50	
Museum of Modern Art, membership.....		11.28	
Photographic Service, lantern and operator slides.....		163.40	
Postage.....		12.00	
United Church Publishing House, slides.....		20.10	
University Press, printing and stationery.....		10.67	
Accounts under \$10.00 (8).....		19.63	
Sundry disbursements by departments: supplies, \$21.71; sundries, \$13.04; model fees, \$80.25.....		115.00	
Superintendent's Dept., telephone, \$2.53; freight, \$4.93; labour \$72.53; material, \$31.87.....		111.86	
			\$ 710.97

Geography

Maintenance (\$123.09):

Postage.....	\$	11.00	
University Press, stationery.....		58.96	
Accounts under \$10.00 (2).....		10.28	
Sundry disbursements by department: stationery, \$2.38; hardware, \$1.85; supplies, \$11.42; postage, \$3.90.....		19.55	
Superintendent's Dept., freight, .99; labour, \$21.58; material, .73..		23.30	

Apparatus and Furniture (\$217.19):

Denver—Geppert Co., maps.....		10.17	
T. Eaton Co., drawers, chests.....		18.76	
Rainbow Lantern Slide Co., prints, slides.....		89.90	
J. Frank Raw, lettering set.....		58.00	
Accounts under \$10.00 (8).....		34.88	
Superintendent's Dept., freight .28; labour, \$4.10; material, \$1.10.		5.48	
			\$ 340.28

Geology

Maintenance and Equipment, including mechanical assistance in preparing specimens (\$497.24):

Eastman Photographic Stores, plates, etc.....	\$	13.74	
Johnson Matthey and Co., wire.....		40.48	
Office Specialty Mfg. Co., cabinet.....		15.30	
Photographic Service, slides, negatives.....		23.21	
Postage.....		13.50	
Robbins and Townsend, typewriter service, rebuilding typewriter, ribbons.....		100.50	
University Press, printing, stationery.....		141.92	
Accounts under \$10.00 (8).....		30.92	
Superintendent's Dept., freight, .50; labour, \$77.21; material, \$39.96.....		117.67	

Summer Field Work, travelling expenses, etc. (\$154.18):

Prof. E. S. Moore, honorarium, \$100.00; travelling expenses, \$4.18.....		104.18	
V. J. Okulitch, honorarium.....		50.00	
			\$ 651.42

History

Supplies (\$156.53):

Mimeograph Co., feed roller, paper.....	\$	13.17	
Postage.....		22.00	
University Press, printing, stationery.....		97.37	
Accounts under \$10.00 (6).....		19.08	
Superintendent's Dept., telephone, \$1.96; freight, \$1.45; labour, \$1.50.....		4.91	

Research Expenses:

W. R. Graham, travelling expenses.....		15.30	
			\$ 171.83

Italian and Spanish

Supplies and Clerical Assistance:

Robbins and Townsend, typewriter service.....	\$	.60	
John Smith, upholsterer.....		2.00	
University Extension, mimeograph supplies.....		3.39	
University Press, stationery.....		18.01	
Miss Evelyn Rugg, clerical assistance.....		196.48	
			\$ 220.48

Law

Office and Classroom Supplies:

Postage.....	\$	115.00	
University Press, printing, stationery.....		66.24	
			\$ 181.24

Mathematics

Clerical Assistance and Supplies:

American Mathematical Society, dues.....	\$	86.46	
Miss M. E. Legate, clerical assistance.....		184.00	
Roneo Co. of Canada, ink, paper.....		54.72	
Miss E. Sims, clerical assistance.....		50.00	
University Press, printing, stationery.....		55.28	
Accounts under \$10.00 (5).....		10.96	
Superintendent's Dept., freight.....		2.31	
			\$ 443.73

Military Studies

Office and General Expenses:

Robbins and Townsend, typewriter service, ribbons.....	\$	6.00	
University Press, stationery.....		20.84	
			\$ 26.84

Mineralogy

Maintenance and Equipment:

Baird Association, platinum suspension.....	\$	13.50	
Canadian Carborundum Co., chemical powders.....		12.89	
Canadian Laboratory Supplies, chemicals, metal sticks, etc.....		12.76	
Canadian Research Institute, battery, repairs.....		20.60	
Walter A. Carveth, repairs.....		130.00	
T. Eaton Co., filing cabinet.....		35.95	
Grand and Toy Ltd., desk, chair.....		80.39	
Mineralogical Society of America, reprints.....		26.95	
Photographic Service, prints, negatives.....		36.70	
Postage.....		24.62	
Techni-Products Co., bottles.....		140.17	
University Extension, ink, paper.....		23.90	
University Press, printing, stationery.....		132.59	
Accounts under \$10.00 (12).....		61.38	
Superintendent's Dept., freight, \$17.24; labour, \$143.84; material, \$90.60.....		251.68	
			\$ 1,004.08

Less: Sundry credits.....	\$	5.00	
Laboratory deposits.....		4.25	
Sale of material.....		133.42	

		142.67	
			\$ 861.41

Philosophy

Supplies, Clerical Assistance, etc.:

Miss H. DesBrisay, stenographic assistance.....	\$	68.75	
Photographic Service, lantern and operator.....		1.00	
University Press, printing, stationery.....		22.67	
			\$ 92.42

Physics

Laboratory and Workshop Supplies (\$17,517.95):

A. and A. Radio Co. Ltd., soldering iron.....	\$	25.83	
Adams Furniture Co. Ltd., couch.....		12.90	
A. Aiken, engraving, letterheads.....		10.50	
Aikenhead Hardware Co., hardware.....		430.47	
Allegheny Ludlum Steel Corporation, steel, wire rods.....		20.88	
Allen Mfg. Co., laundry.....		25.24	
Alpha Aracon Radio Co., sockets, resistors, tubes, condensers.....		37.26	
American Journal of Science, reprints.....		20.55	
Dr. J. M. Anderson, services.....		10.00	
Bark and Mortimer Ltd., equipment insurance.....		183.75	
Bausch and Lomb Optical Co., slides, lenses, cover glasses.....		29.91	
Miss Doris Birkett, copying manuscript.....		12.98	
W. E. Booth Co., plates, film.....		27.38	
Dr. A. A. Brant, travelling expenses.....		103.05	
British Drug Houses, chemicals, drugs.....		38.34	
Burke Electric and X-Ray Co. Ltd., tubes, etc.....	1,608.00		
Burlec Ltd., plug and cord, etc.....		14.96	
Canada Metal Co., castings, etc.....		93.84	
Canada Wire and Cable, wire.....		55.25	
Canadian Carborundum Co., abrasives.....		18.70	
Canadian General Electric Co., bulbs, wire, transformer.....		134.50	
Canadian Industries Ltd., X-Ray film, developer.....		13.30	
Canadian Laboratory Supplies, glassware, chemicals, slides, etc.....		130.84	
Canadian Liquid Air Co., valves.....		81.20	
Canadian Nameplate and Mfg. Co., gauges.....		21.77	
Canadian Pacific Railway Co., telegrams.....		10.45	
Canadian Research Institute, resistor.....		29.04	
Canadian Wool Board Ltd., scoured wool.....		27.50	
Central Scientific Co., chemicals, glassware, etc.....		886.65	
Clough Brengle Co., transformers.....		22.41	
Coulter Copper and Brass Co., flasks.....		84.24	
Professor M. F. Crawford, extra services.....		20.00	
Henry Disston and Sons, saws.....		17.16	
Distillation Products Inc., pump.....		246.91	
Dominion of Canada General Insurance Co., insurance on Geophysics Apparatus.....		19.54	
Dominion Oxygen Co., oxygen, nitrogen.....		66.09	
Dominion Government Grant Radio Technicians' Course No. 3, work done in department.....		303.20	
James T. Donnelly Co. Ltd., files.....		20.50	
Eastman Photographic Stores, films, etc.....		17.01	
T. Eaton Co., hypo, motor.....		51.28	
Ellis and Howard Ltd., batteries, unicells.....		25.15	
Empire Engineering Co., loupes, knurler.....		31.00	
Exide Batteries of Canada, batteries.....		117.22	
Thomas Firth and John Brown Ltd., steel.....		50.16	
A. Foster and Sons, acetate.....		17.40	
General Radio Co., repairs.....		248.92	
Griffin and Tatlock, thermometers, etc.....		28.93	
Gutta Percha and Rubber Co., rubber, tubing.....		18.73	
Haloid Co., record paper.....		63.77	
Harpham Bros., tubes.....		20.40	
Herback and Rademan Co., tubes.....		40.98	
Adam Hilger Ltd., rods.....		163.33	
Imperial Oil Ltd., oil.....		40.95	
International Resistance Co., rheostats, resistors.....		41.74	
Lake Simcoe Ice and Fuel, ice.....		42.42	
Leeds and Northrup Co., meters, etc.....	3,786.77		
J. E. Leworthy, engineering services.....		300.00	
Lockharts Camera Exchange, films, chemicals.....		97.50	
W. R. McKee, repairs.....		58.05	

McMaster University, spectrometer tube.....	\$	10.50
Monarch Belting Co., belting.....		30.02
Moyer School Supplies, chalk, hyloplate.....		43.50
Nichols Chemical Co., soda.....		22.00
Northern Electric Co., tubes, cable.....		36.50
Norwalk Co. Inc., compressor, springs.....		24.71
Photographic Service, photostats, blueprints, slides.....		54.60
Physics Dept., work done in department for McLennan Laboratory Research.....		2,127.11
Professor Arnold Pitt, supervision and repairing valves.....		840.00
Postage.....		38.50
Provincial Treasurer of Ontario, car license.....		12.00
Radio Trade Supply Co., parts, filter choke.....		10.60
Railway and Engineering Specialties Ltd., gauges.....		159.91
Robbins and Townsend, typewriter service, ribbons.....		12.00
Roneo Co. of Canada Ltd., stencils, ink.....		50.20
Ryerson Film Service, screen.....		15.00
Sensitive Research Instrument Co., thermocouple.....		14.61
Shure Brothers, crystal microphone.....		17.20
Stupakoff Ceramic Mfg. Co., filaments.....		28.25
Tippet-Richardson Ltd., cartage.....		199.43
Tordoff Electric Co., overhauling.....		85.00
Toronto Hydro-Electric System, service.....		254.66
University of Chicago Press, reprints.....		12.76
University of Rochester, phosphorus.....		33.58
Professor H. L. Welsh, supervision of instruction in physics department.....		233.00
Wholesale Radio Co. Ltd., tubes, resistors, coils.....		194.80
A. R. Williams Machinery Co., rotary table model.....		255.00
Williams and Wilson, vise, drills, shears.....		331.54
Grantley Woodward, services, repairs.....		20.00
University Press, printing, stationery.....		292.33
Accounts under \$10.00 (36).....		172.46
Sundry disbursements by department: stationery and drugs, \$4.42; hardware, \$7.81; supplies, \$13.13; sundries, \$11.05; postage, \$3.59.....		40.00
Superintendent's Dept., telephone, \$7.71; freight, \$504.13; labour, \$606.11; material, \$551.43.....		1,669.38
Apparatus (\$828.45):		
Central Scientific Co., pump, tubes, etc.....		201.37
T. Eaton Co. Ltd., board.....		31.86
General Radio Co., wave filter, condenser.....		72.29
Griffin and Tatlock, stop clocks.....		27.93
Railway and Welding Supply Co., drawing table.....		96.05
Sperry Gyroscope Co. Inc., models.....		281.39
Sutton Horseley Co., galvanometer.....		62.00
A. R. Williams Machinery Co., switch.....		14.50
Williams and Wilson Ltd., micrometer.....		12.96
Superintendent's Dept., freight.....		28.10
Experimental tables, cases, books, charts, fittings, etc (\$369.10):		
Engineering Ltd., subscription.....		13.30
MacMillan Co. of Canada, subscription.....		24.40
McGraw-Hill Publishing Co., subscription.....		16.78
Receiver General of Canada, excise stamps.....		27.00
University Press, printing, stationery.....		49.41
Accounts under \$10.00 (9).....		35.35
Superintendent's Dept., freight, .53; labour, \$159.77; material, \$42.56.....		202.86
Laboratory and Workshop Assistance (including technical assistance) (\$6,548.99):		
R. L. Beale, 38 2/6 weeks.....		1,451.41
Eric Whyte, 36 4/6 weeks.....		993.16
James S. Ferrie, 12 months.....		874.58
William Stacey, 47 5/6 weeks.....		795.83
Douglas W. Fisher, 36 5/6 weeks.....		552.50
James Ward, 597 hours.....		537.90
Albert Owen, 353 hours.....		350.50
Douglas Welch, 14 3/6 weeks.....		239.25
Robt. M. Bennett, 1 month.....		162.50

Frank Wank, 3 5/6 weeks.....	\$	124.43	
Miss C. MacDonald, 5 5/6 weeks.....		105.00	
L. T. Newman, 3 months.....		75.00	
George Ullrich, 3 months.....		75.00	
N. Blackwell, 1 month.....		68.00	
G. J. McCarrell, 3 weeks.....		45.00	
A. W. Walker, 1 week.....		42.93	
F. Senftle, 1 month.....		40.00	
Charles Barnes, 32 hours.....		16.00	
Special Laboratory Alterations and Replacements:			
Superintendent's Dept., labour, \$111.42; material, \$74.71.....			186.13
Research Associates and Assistance (\$5,048.50):			
N. B. Keevil, 12 months.....		3,500.00	
A. A. Brant, 12 months.....		966.00	
J. H. L. Watson, 2 months.....		320.00	
S. G. Ellis, 1½ months.....		262.50	
			\$ 30,499.12
Less credits: Laboratory deposits.....	\$	678.60	
Sale of material.....		120.25	
Remuneration for mechanical assistance given to Dominion Government Grants—A.M. 32 and P. E. 5.....		268.60	
			1,067.45
			\$ 29,431.67
Charged to:			
McLennan Laboratory Research Fund.....	\$	16,336.77	
Geophysics Fund.....		6,230.29	
			22,567.06
			\$ 6,864.61

Political Economy

Office and Classroom Supplies and Equipment:			
International Labour Office, subscription.....	\$	11.00	
Letter Shop Supply Co., stencils.....		15.25	
Joseph McDowell and Co., repairs to calculator.....		42.00	
Postage.....		206.26	
Robbins and Townsend, typewriter service, ribbons.....		27.40	
Roneo Co. of Canada, ink, paper, tubes, etc.....		50.95	
University Press, stationery, printing.....		160.48	
Accounts under \$10.00 (20).....		61.22	
Sundry disbursements by department: telegrams, \$7.26; express, \$1.02; stamps, \$6.72.....		15.00	
Superintendent's Dept., telephone, \$4.45; freight, .25; labour, \$1.76; material, \$1.93.....		8.39	
			\$ 597.95

Psychology

Supplies (\$996.82):			
Department of Educational Research, Ontario College of Education, I.Q. test forms.....	\$	24.93	
D. Gestetner, stencils, ink.....		133.32	
Houghton Mifflin, printed cards.....		18.11	
McCutcheon's Camera Shop, film.....		11.20	
Postage.....		29.00	
Psychological Corporation, books.....		17.58	
Robbins and Townsend, typewriter service, ribbons.....		13.20	
Ryerson Press, projector, adhesive cloth, guide cards.....		98.11	
John B. Smith and Sons, lumber.....		22.98	
Toronto Hydro-Electric System, electric power.....		11.11	
Vocational Guidance Centre, clerical tests.....		63.29	
University Press, printing, stationery, etc.....		439.12	
Accounts under \$10.00 (10).....		45.79	
Sundry disbursements by department: stationery, \$3.10; hardware, \$8.60; supplies, \$5.40; postage and sundries, \$6.90.....		24.00	

Superintendent's Dept., telephone \$8.33; freight, \$6.39; labour, \$12.20; material, \$18.16.....	\$	45.08
Laboratory Cleaning:		
Superintendent's Dept., labour.....		28.60
		\$ 1,025.42

Zooology

Laboratory and Lecture Room Supplies (\$5,015.22):

Aikenhead Hardware Ltd., hardware.....	\$	35.81
Albany Pump Co., pump.....		30.00
Allen Mfg. Co., laundry.....		46.54
Barber-Ellis of Canada, book, paper, etc.....		94.72
William Bartlett and Son, repairs.....		16.14
Biological Abstracts, subscriptions.....		27.89
Biological Supply Co., specimens.....		160.08
W. E. Booth and Co., plates.....		11.18
F. J. Burns and Co., frogs.....		88.03
Canadian Laboratory Supplies, glassware, chemicals.....		36.08
Walter A. Carveth Co., magnifier, binoculars repaired.....		71.50
Central Scientific Co., glassware, tubing, cylinders, etc.....		615.36
R. H. Chappell, glassblowing.....		43.55
M. J. Daley, containers.....		31.50
Dominion Glass Co. Ltd., jugs.....		23.01
Eastman Photographic Stores, Ltd., lamps, plates, film, etc.....		33.06
T. Eaton Co., absorbent cotton, films, motor, etc.....		169.28
C. Emmett, animals.....		327.50
Faurot Protective Identification System, printing paper.....		60.22
Fisher Scientific Co., chemicals.....		11.50
A. E. Galigher Inc., specimens.....		12.11
General Biological Supply House, specimens.....		229.02
D. Gestetner Ltd., ink, stencils, etc.....		51.60
Gutta Percha and Rubber Co., cement.....		26.95
J. F. Hartz Co., chemicals, rubber gloves, slides, etc.....		96.98
C. E. Hope, mounting.....		15.00
Ingram and Bell, drug supplies.....		33.12
Insulin Committee, animals.....		25.50
Lever Bros., glycerine.....		41.86
Lowe-Martin Co., cases.....		48.00
Maple Leaf Milling Co., flour.....		30.75
Marine Biological Laboratory, frogs, etc.....		222.72
Murphy's Drug Store, films.....		15.20
Ontario Agricultural College, eggs.....		18.70
Postage.....		10.00
Royal Ontario Museum, books, specimens.....		11.00
J. H. Ryan, book-binding, repairs.....		85.65
Stainton and Evis, magnifiers.....		23.40
Taylor Instrument Co., thermometers.....		55.80
Arthur H. Thomas Co., tubes, etc.....		50.26
Troyer Natural Science Service, animals and specimens.....		477.30
D. B. Waddell, developing.....		42.96
Ward's Natural Science Establishment, books, model.....		43.60
Waverly Press Inc., books.....		13.50
Wholesale Radio, tubes, plates.....		32.90
University Press, printing, stationery.....		350.90
Accounts under \$10.00 (25).....		124.42
Sundry disbursements by department: stationery and drugs, \$12.39; hardware, \$8.35; supplies, \$80.67; sundries, \$23.59; W. J. LeRay, marine collecting, \$50.58.....		175.58
Superintendent's Dept., freight and tax, \$279.28; labour, \$17.25; material, \$420.96.....		717.49

Furnishings, fittings, alterations, and new equipment (\$860.14):

William Bartlett and Son, shades.....		32.00
Bay Salvage Co., bookcase, cabinet.....		137.80
The Hatchery, cement.....		12.00
Johnson Matthey and Co., platinum crucibles.....		81.35
Office Specialty Mfg. Co., desk trays, cases, etc.....		102.05
Accounts under \$10.00 (4).....		18.28
Superintendent's Dept., labour, \$310.21; material, \$166.45.....		476.66

Incidentals (\$421.38):

Aikenhead Hardware Ltd., hardware.....	\$	11.67
Bark and Mortimer, insurance.....		10.00
Dominion of Canada General Insurance Co., insurance.....		10.00
D. Gestetner Ltd., paper, correcting fluid.....		11.40
Ivano Inc., phanerol.....		16.83
Postage.....		94.00
Robbins and Townsend, typewriter service, ribbons, rubber key tops.....		18.20
Stainton and Evis, inkstand, pads, tape.....		33.33
University Press, printing, stationery.....		195.66
Accounts under \$10.00 (6).....		18.77
Superintendent's Dept., telephone.....		1.52

\$ 6,296.74

Less credits: Laboratory deposits.....	\$	905.18
Sale of material.....		15.00
Sundry credits.....		2.50

922.68

\$ 5,374.06

University College Departments

Classroom Supplies:

Classics (\$28.03):

University of Chicago Press, reprints.....	\$	6.09
University Press, stationery, books.....		21.94

English:

University Press, stationery.....		18.36
-----------------------------------	--	-------

French (\$122.31):

Miss M. MacDonald, rental of film.....		15.00
Promenade Music Centre, album.....		16.04
University Press, books, stationery.....		71.32
Superintendent's Dept., freight, \$4.00; labour, \$15.95.....		19.95

German (\$68.23):

Professor Barker Fairley, books.....		50.00
Robbins and Townsend, typewriter ribbon.....		.60
University Press, stationery.....		17.63

Semitics:

University Press, printing, stationery.....		45.30
---	--	-------

\$ 282.23

University College General Expenses

Office Supplies, Stationery, Printing and Incidentals (\$792.86):

D. Gestetner, ink, \$113.05; Gestetner machine, \$430.00 less \$160.00 allowance on old machine.....	\$	383.05
Munson Supply Co. Ltd., keys.....		18.00
Postage.....		117.00
Reliance Engravers Ltd., copper photos.....		53.24
Robbins and Townsend, typewriter service, ribbons.....		42.40
University College Women's Union, Reception.....		20.00
University Press, printing, stationery.....		134.81
Accounts under \$10.00 (3).....		13.31
Superintendent's Dept., telephone, .46; labour, \$9.19; material, \$1.40.....		11.05

Messenger Service (\$332.50):

Norman Dent, 2 weeks.....		10.00
Miss Marion Langman, 71¼ half days.....		71.25
Miss Doreen Martin, 123 half days.....		123.00
Miss Catherine Palmer, 128¼ half days.....		128.25

Sundry Expenses of the Principal (\$47.50):

Dunlop's Ltd., spray.....		5.00
Robt. Simpson Co., catering.....		38.50
Superintendent's Dept., labour.....		4.00

\$ 1,172.86

Baldwin House (Department of History)

Light.....	\$	175.92	
Fuel (\$886.41):			
P. Burns and Co.....		72.50	
Halliday Bros.....		813.91	
Gas, \$19.45; water, \$17.08.....		36.53	
Caretaker's Supplies:			
Superintendent's Dept., material.....		68.37	
Cleaning and Furnaceman (\$549.56):			
Allen Mfg. Co., laundry.....		1.80	
Co-Operative Window Cleaning Service.....		10.00	
Superintendent's Dept., labour.....		537.76	
Repairs and Renewals (\$829.72):			
T. Eaton Co., mirror.....		1.93	
John Inglis Co., steel tubes.....		232.88	
W. H. Tulley, overtime.....		6.00	
Superintendent's Dept., labour \$458.17; material, \$130.74.....		588.91	
Caretaker, W. H. Tulley, 12 months (overtime \$6.00).....		1,400.00	
			\$ 3,946.51
Less: Light charged to Central Power Plant.....	\$	175.92	
Credit for cleaning.....		26.85	
			202.77
			\$ 3,743.74

Biological Building (Department of Zoology)

Heat and Light.....	\$	3,157.56	
Gas, \$74.14; water, \$342.29.....		416.43	
Caretaker's Supplies:			
Superintendent's Dept., material.....		260.49	
Cleaning (\$1,930.36):			
Allen Mfg. Co., laundry.....		10.10	
New York Window Cleaning Co.....		35.00	
A. J. Wright, overtime.....		5.00	
Superintendent's Dept., labour.....		1,880.26	
Repairs and Renewals (\$1,801.18):			
Wm. Bartlett and Son, shades.....		52.64	
Superintendent's Dept., labour, \$1,428.42; material, \$320.12.....		1,748.54	
Caretaker (with rooms, heat and light valued at \$300.00):			
A. J. Wright, 12 months (overtime \$5.00).....		1,250.00	
			\$ 8,816.02
Less: Heat and Light charged to Central Power			
Plant.....	\$	3,157.56	
Credit for cleaning.....		69.50	
			3,227.06
			\$ 5,588.96

Botany Building

Heat and Light.....	\$	4,562.19	
Gas, \$84.88; water, \$3,301.65.....		3,386.53	
Caretaker's Supplies:			
Superintendent's Dept., material.....		222.08	
Cleaning (\$2,382.65):			
Allen Mfg. Co., laundry.....		9.85	
Queen City Window Cleaning Co.....		127.00	
W. V. Walker, overtime.....		36.00	
Superintendent's Dept., labour.....		2,209.80	

Repairs and Renewals (\$1,210.87):

City Treasurer, elevator license.....	\$	5.00
Superintendent's Dept., labour, \$854.47; material, \$351.40.....		1,205.87
Caretaker, W. V. Walker, 12 months (overtime \$36.00).....		1,450.00

\$ 13,214.32

Less: Heat and light charged to Central Power

Plant.....	\$	4,562.19
Credit for cleaning, share of gas, water, etc.....		3,384.00

7,946.19

\$ 5,268.13

Chemical Building

Heat and Light.....	\$	4,478.25
Gas, \$531.38; water, \$803.64.....		1,335.02

Caretaker's Supplies:

Superintendent's Dept., material.....		240.68
---------------------------------------	--	--------

Cleaning (\$2,277.58):

Allen Mfg. Co., laundry.....		17.63
F. Fortescue, overtime.....		16.00
Superintendent's Dept, labour.....		2,243.95

Repairs and Renewals:

Superintendent's Dept., labour \$1,240.19; material, \$507.18.....		1,747.37
Caretaker, F. Fortescue (paid as laboratory assistant with rooms, heat, and light valued at \$420.00, chargeable against building and included above) (overtime \$16.00).....		

\$ 10,078.90

Less: Heat and light charged to Central Power

Plant.....	\$	4,478.25
Credit for cleaning.....		3.00
Receipts for use of building; Dominion Government.....		414.00

4,895.25

\$ 5,183.65

David Dunlap Observatory

Fuel (\$739.07):

Halliday Bros.....	\$	679.07
Jones Coal Co.....		60.00
Electric Current.....		755.73

Caretaker's Supplies:

Superintendent's Dept., material.....		34.58
---------------------------------------	--	-------

Repairs and Renewals:

Superintendent's Dept., labour, \$254.24; material, \$135.67.....		389.91
---	--	--------

Sundries (\$1,160.53):

Bell Telephone Co., telephone.....		54.15
C. E. Bousum, travelling expenses.....		11.10
Salem's Garage, locks, etc.....		37.55
Edward Webb and Co., gear.....		12.96
Superintendent's Dept., labour, \$861.83; material, \$182.94.....		1,044.77

Caretaker (with living accommodation valued at \$15.00 per month):

Thomas McKenzie, 12 months.....		950.00
---------------------------------	--	--------

\$ 4,029.82

Less credits: Light, water, heat, etc.....

72.00

\$ 3,957.82

Economics Building

Light.....	\$	6.00
------------	----	------

Fuel:

Canada Coal Co.....		2,156.01
Gas, \$97.40; electric current, \$1,051.24; water, \$86.69.....		1,235.33

Caretaker's Supplies:			
Superintendent's Dept., material.....	\$	314.37	
Cleaning and Fireman (\$4,153.31):			
Allen Mfg. Co., laundry.....		13.90	
White Window Cleaning Co.....		50.00	
Superintendent's Dept., labour.....		4,089.41	
Repairs and Renewals (\$1,829.79):			
John Smith, upholstering.....		15.00	
Accounts under \$10.00 (4).....		21.87	
Superintendent's Dept., labour, \$1,362.99; material, \$429.93.....		1,792.92	
Caretaker, James McCormack, 12 months.....		1,450.00	
			\$ 11,144.81
Less: Light charged to Central Power Plant.....	\$	6.00	
Credits for cleaning, repairs and renewals, etc.....		144.47	
			150.47
			\$ 10,994.34

McLennan Laboratory (Physics)

Heat and Light.....	\$	4,592.94	
Gas, \$167.45; water, \$447.98.....		615.43	
Caretaker's Supplies:			
Superintendent's Dept., material.....		307.48	
Cleaning (\$3,079.58):			
Allen Mfg. Co., laundry.....		25.58	
Queen City Window Cleaning Co.....		48.00	
Superintendent's Dept., labour.....		3,006.00	
Repairs and Renewals (\$4,738.41):			
Acme Floor Sanders, sanding and finishing floor.....		20.00	
Wm. Bartlett and Son, shades.....		10.62	
Bavington Bros., plywood.....		584.00	
City Treasurer, elevator license.....		5.00	
Johnson Temperature Regulating Co., repairing thermostat.....		22.77	
Window Shades and Fittings Reg'd., shades.....		105.94	
Gilbert C. Storey Machinery Co., motor.....		114.00	
Superintendent's Dept., labour \$2,476.74; material, \$1,399.34.....		3,876.08	
Caretaker, H. Hill, 12 months.....		1,600.00	
			\$ 14,933.84
Less: Heat and light charged to Central Power Plant.....	\$	4,592.94	
Credits for cleaning.....		33.00	
Charged to:			
Dominion Government Grant, Canadian Army Course No. 2.....		3,809.52	
Dominion Government Grant, Physics for Medical Radiologists.....		60.00	
Dominion Government Grant, Naval Officers' Course.....		270.00	
			8,765.46
			\$ 6,168.38

Military Studies Building (119 St. George St.)

Fuel, Gas, City Current, Water, Caretaker's Supplies, Cleaning, Repairs and Renewals, etc.:		
Allen Mfg. Co., laundry.....	\$	7.80
P. Burns and Co., fuel.....		101.50
Canada Coal Co., fuel.....		660.86
City Treasurer, water.....		36.26
Co-Operative Window Cleaning Service.....		38.00
Frigidaire Products of Canada, Service.....		23.74
Halliday Bros., fuel.....		62.39
Neil Morrison, repairs to vacuum cleaner.....		11.00

Toronto Hydro-Electric System, electric power.....	\$ 313.08	
Superintendent's Dept., labour, \$1,757.23; material, \$194.58.....	1,951.81	
	\$ 3,206.44	
Credit for cleaning, gas, etc.....	27.00	\$ 3,179.44

Psychology Buildings

Light.....	\$ 57.06	
Fuel (\$1,428.72):		
P. Burns and Co.....	29.00	
Halliday Bros.....	1,399.24	
Superintendent's Dept., labour.....	.48	
Gas, \$19.70; electric current, \$115.90; water, \$35.17.....	170.77	
Caretaker's Supplies:		
Superintendent's Dept., material.....	70.04	
Cleaning and Furnaceman (\$1,759.59):		
Allen Mfg. Co., laundry.....	3.90	
Co-operative Window Cleaning Service.....	30.00	
Superintendent's Dept., labour.....	1,725.69	
Repairs and Renewals (\$1,455.05):		
Wm. Bartlett and Son, shades, recovering.....	17.40	
T. Eaton Co., linoleum.....	26.13	
Superintendent's Dept., labour, \$879.08; material, \$532.44.....	1,411.52	
	\$ 4,941.23	
Less: Light charged to Central Power Plant.....	57.06	\$ 4,884.17

University College Building

Heat and Light.....	\$ 6,443.67	
Gas, \$111.46; water, \$118.54.....	230.00	
Caretaker's Supplies:		
Superintendent's Dept., material.....	721.17	
Cleaning (\$6,733.10):		
Allen Mfg. Co., laundry.....	22.80	
A. G. Keel, overtime services.....	26.50	
Superintendent's Dept., labour.....	6,683.80	
Repairs and Renewals (\$5,909.63):		
Wm. Bartlett and Son, shades, repairs.....	69.49	
Brooks Marble and Tile Co., repairing tile floor.....	7.35	
Brown's Upholstery, repairs to furniture.....	23.50	
B. E. Cole and Son, erection of screen work.....	145.00	
T. Eaton Co. Ltd., tapestry.....	30.37	
Fitzgerald-McAvoy, wire screens, etc.....	170.67	
Robt. McCausland Ltd., repairs.....	178.00	
W. A. Richardson, waterproofing wall.....	298.60	
John Smith, repairs to chairs.....	10.00	
Vulcan Asphalt and Supply Co. Ltd., flooring.....	110.00	
Superintendent's Dept., labour, \$3,358.48; material, \$1,508.17.....	4,866.65	
Caretaker, W. J. Scott, 2 months (Ob.).....	266.66	
	\$ 20,304.23	
Less Heat and light charged to Central Power Plant.....	\$ 6,443.67	
Sundry credits, cleaning, \$428.45; caretaker's supplies, \$71.15; repairs and renewals, \$803.82; light, \$33.00.....	1,336.42	
Receipts for use of building, Provincial Government.....	988.02	
	\$ 8,769.01	\$ 11,535.22

43 St. George Street

Light.....	\$	50.11	
Fuel (\$357.02):			
P. Burns and Co.....		29.00	
Canada Coal Co. Ltd.....		21.00	
Halliday Bros.....		307.02	
Gas, \$13.56; water, \$21.41.....		34.97	
Caretaker's Supplies:			
Superintendent's Dept., material.....		66.74	
Cleaning and Furnaceman (\$662.12):			
Allen Mfg. Co., laundry.....		4.60	
Co-Operative Window Cleaning Service.....		10.00	
Superintendent's Dept., labour.....		647.52	
Repairs and Renewals (\$283.33):			
Wm. Bartlett and Son, shade recovered.....		3.23	
Superintendent's Dept., labour, \$113.22; material, \$166.88.....		280.10	
	\$	1,454.29	
Less Light charged to Central Power Plant.....		50.11	
			\$ 1,404.18

45 St. George Street (Law)

Light.....	\$	51.94	
Fuel (\$409.68):			
P. Burns and Co.....		58.00	
Halliday Bros.....		351.58	
Superintendent's Dept., material.....		.10	
Gas, \$25.88; water, \$8.00.....		33.88	
Caretaker's Supplies:			
Superintendent's Dept., material.....		48.23	
Cleaning (\$535.44):			
Co-Operative Window Cleaning Service.....		10.00	
Superintendent's Dept., labour.....		525.44	
Repairs and Renewals (\$267.77):			
Wm. Bartlett and Son, shades.....		7.84	
T. Eaton Co., linoleum.....		4.00	
Superintendent's Dept., labour, \$149.64; material, \$106.29.....		255.93	
	\$	1,346.97	
Less: Light charged to Central Power Plant.....	\$	51.94	
Credits for cleaning.....		21.00	
		72.94	
			\$ 1,274.03

47 St. George Street (Applied Mathematics)

Fuel (\$400.00):			
Canada Coal Co. Ltd.....	\$	19.01	
Halliday Bros.....		380.37	
Superintendent's Dept., labour.....		.62	
Gas, \$59.55; water, \$8.48.....		68.03	
Caretaker's Supplies:			
Superintendent's Dept., material.....		31.38	
Cleaning and Furnaceman (\$518.08):			
Allen Mfg. Co., laundry.....		.60	
Co-Operative Window Cleaning Service.....		6.00	
Superintendent's Dept., labour.....		511.48	
Repairs and Renewals (\$244.98):			
Wm. Bartlett and Son, shades recovered, etc.....		13.06	
Superintendent's Dept., labour, \$180.22; material, \$51.70.....		231.92	
			\$ 1,262.47

49 St. George Street

Fuel, Gas, City Current, Water, Cleaning, Repairs and Renewals,
etc.:

Allen Mfg. Co., laundry.....	\$	.10
P. Burns and Co., fuel.....		77.58
City Treasurer, water.....		47.71
Consumers Gas Co.....		13.37
Co-Operative Window Cleaning Service.....		7.00
Halliday Bros., fuel.....		401.57
Toronto Hydro-Electric System, electric power.....		156.46
Superintendent's Dept., labour, \$1,270.97; material, \$170.01.....		1,440.98
		<hr/>
	\$	2,144.77
		<hr/>
		<u>\$850,228.76</u>

VI. FACULTY OF MEDICINE

Salaries

Administration

W. E. Gallie, Dean (paid also \$10,000, as Professor of Surgery).....	\$	1,000.00
E. S. Ryerson, Assistant Dean and Secretary of Faculty (paid also \$500 as Director of School of Physical and Health Education, \$300 as Assistant Professor of Surgery, \$75 from Special Funds and \$200 for Extension Work).....		5,200.00
Miss T. W. MacLaren, Secretary to the Dean (without salary; paid \$1,500 in Surgery and \$200 from Special Funds).....		.....
Miss M. W. Jones, Assistant to the Secretary (paid also \$200 from Special Funds).....		1,900.00
Miss O. Russell, Assistant (paid also \$200 from Special Funds).....		1,850.00
Miss A. Perry, Clerk (paid also \$200 from Special Funds).....		1,600.00
Messengers:		
George Hillis, at \$15 per week; resigned February 12.....		487.50
George Duff, 12 weeks at \$12.50 per week.....		150.00
Hospital Theatre, Toronto General Hospital:		
Charles Hart, Attendant, Lecture Theatre (paid also \$200 from Special Funds, and \$3.00 overtime).....		1,550.00
J. Martin, Cloak Room Attendant, at \$16.60 per week.....		669.54
		<hr/>
	\$	14,407.04

Anatomy

Professors:

J. C. B. Grant.....	\$	7,000.00
W. H. Pierson, at \$5,100 of which half charged to Zoology.....		2,550.00
J. C. Watt, at \$5,000 and \$200 additional allowance paid by School of Nursing.....		5,200.00

Associate Professors:

H. A. Cates (paid also \$800 in School of Physical and Health Education).....		4,050.00
A. W. Ham (paid also \$250 in School of Physical and Health Education).....		4,000.00

Assistant Professors:

R. K. George (paid also \$250 in School of Physical and Health Education and \$250 for Extension Work).....		3,100.00
C. G. Smith, at \$2,700; on War Service; contribution to Teachers' Insurance and Annuity Association.....		135.00

Demonstrators (Sessional):

Miss K. I. McMurrich (paid also \$775 for Extension Work).....		950.00
Dr. Margaret R. Abel (paid also \$650 for Extension Work).....		850.00
R. P. McCaffrey (paid also \$400 in Physiology).....		700.00
R. G. MacKenzie (paid also \$500 in Surgery).....		600.00
A. E. Montgomery, Dental Anatomy.....		400.00
M. J. Wilson, Radiological Anatomy (paid also \$400 from Medical Research Best Funds).....		400.00
Miss M. I. Norquay (4 months).....		360.00

Miss K. W. Baldwin, Fellow (Sessional).....	\$ 1,200.00	
H. D. Ball, Assistant in Histology (Sessional; paid also \$250 in School of Physical and Health Education).....	500.00	
Mrs. Dorothy I. Chubb, Assistant in charge of Museum (Sessional; part-time).....	1,235.00	
H. E. LeMasurier, Senior Technical Assistant, at \$1,900; on War Service; contribution to Pension Fund.....	52.25	
Technical Assistants:		
H. F. Whittaker, at \$1,200 plus \$75 additional allowance (paid also \$150 in Dentistry).....	1,275.00	
G. A. L. Ross.....	1,150.00	
Mrs. Clodagh Dowling, 6 months.....	480.00	
C. Storton, Prosecutor and Museum Technician, at \$1,500; on War Service; contribution to Pension Fund.....	41.25	
Laboratory Assistants:		
H. McCormick.....	1,900.00	
R. Wilcox, at \$750; on War Service.....		
Temporary:		
William Hughes, 7 weeks at \$26 per week.....	182.00	
W. G. Y. Grant, 72 hours at 50c per hour.....	36.00	
Walter Wright, 72 hours at 50c per hour.....	36.00	
M. J. Shepherd, Occasional Assistant (paid also as Caretaker).....	142.00	
J. Clarke, Laboratory Attendant.....	1,250.00	
Miss G. Dowsley, Clerical Assistant.....	1,300.00	
	\$ 41,074.50	
Less paid by School of Nursing.....	200.00	
		\$ 40,874.50

Art Service

Miss M. T. Wishart, Director.....	\$ 2,750.00	
Miss M. Drummond, Assistant.....	1,200.00	
Artists (Temporary):		
Mrs. E. I. Ross, 33 days at \$6.00 per day.....	198.00	
Miss E. Blackstock, 25 days at \$4.00 per day.....	100.00	
Stenographers (Temporary, at \$5.00 per day):		
Miss Freda Laidlaw, 5 days, 6 hours.....	29.50	
Mrs. Dorothy Robertson, 4½ days.....	22.50	
		\$ 4,300.00

Bio-Chemistry

Professors:		
H. Wasteneys (paid also \$200 as Special Lecturer).....	\$ 6,000.00	
A. M. Wynne.....	4,500.00	
Leslie Young, Associate Professor.....	3,900.00	
B. F. Crocker, Lecturer, at \$2,400; on War Service; contribution to Teachers' Insurance and Annuity Association.....	120.00	
Dr. Jeanne M. Fisher, Demonstrator (Sessional; paid also \$432 in Faculty of Arts and \$275 from Special Funds).....	1,100.00	
Fellows (Sessional):		
J. A. McCarter (paid also \$237.50 from Special Funds).....	950.00	
Miss M. A. Emmett (paid also \$225 from Special Funds).....	900.00	
W. D. Graham (paid also \$212.50 from Special Funds).....	850.00	
S. H. Zbarsky (paid also \$212.50 from Special Funds).....	850.00	
D. H. Laughland (6 months).....	675.00	
S. J. Patrick (2 months at \$100 per month; paid also \$200 from Special Funds).....	200.00	
L. Sloan, Senior Technician.....	1,850.00	
Technicians:		
J. W. Fletcher.....	1,700.00	
Michael Edson.....	1,500.00	
J. H. McClary.....	1,250.00	
Laboratory Assistants:		
W. Clough.....	1,150.00	
Mrs. Lucy Lumbard.....	1,050.00	

Laboratory Attendants:

Mrs. Ethel Wilkie.....	\$ 950.00	
Temporary:		
F. Skilling, 1 5/6 weeks at \$20 per week.....	36.67	
Austin Kostis, 14 weeks at \$14 per week, 6 weeks at \$13.75 per week.....	257.50	
Tom Hannigan, 6 weeks at \$12.50 per week.....	75.00	
Miss M. Delamere, Secretarial Assistant.....	1,350.00	
		\$ 31,214.17

Hygiene and Preventive Medicine

D. T. Fraser, Professor.....	\$ 4,500.00	
Associate Professors:		
M. H. Brown, at \$1,100; on War Service; contribution to Teachers' Insurance and Annuity Association.....	55.08	
Dr. Frieda H. Fraser (part-time; paid also in Connaught Laboratories).....	1,100.00	
F. O. Wishart, Assistant Professor.....	3,450.00	
Lecturers (Sessional):		
A. M. Goulding.....	1,044.00	
Miss H. C. Plummer (paid also in Connaught Laboratories).....	500.00	
A. M. Fallis.....	400.00	
R. Hare, Demonstrator (Sessional; paid also in Connaught Laboratories; also in School of Hygiene without salary).....	400.00	
Miss G. Mickle, Class Assistant (paid also \$250 from Special Funds).....	1,000.00	
A. J. Bishop, Technician (paid also \$200 in School of Hygiene and \$200 from Special Funds; also in Connaught Laboratories).....	1,100.00	
Mrs. Florence E. Blake, Laboratory Assistant (paid also \$150 from Special Funds).....	800.00	
Secretarial Assistants at \$1,200.00:		
Miss E. Barr, on War Service; contribution to Pension Fund.....	33.00	
Mrs. Olive Munro.....	1,200.00	
		\$ 15,582.08

Medical Jurisprudence

Lecturers (Sessional):		
W. L. Robinson (paid also \$2,200 in Pathology and Bacteriology).....	\$ 180.00	
S. A. Lawson.....	120.00	
F. C. Auld (paid also in Faculty of Arts).....	40.00	
Cecil Snyder.....	10.00	
		\$ 350.00

Medicine and Clinical Medicine

Duncan Graham, Professor.....	\$ 10,000.00	
Assistant Professors:		
W. R. Campbell.....	2,000.00	
Half-time:		
R. F. Farquharson (paid also \$1,000 in Therapeutics).....	1,000.00	
W. F. McPhedran (paid also \$125 from Special Funds).....	500.00	
Part-time:		
H. K. Detweiler (paid also \$75 from Special Funds).....	300.00	
J. D. Loudon (paid also \$75 from Special Funds).....	300.00	
E. J. Trow, in charge of Dermatology (paid also \$75 from Special Funds).....	300.00	
G. W. Howland (paid also \$120 for Extension Work).....	300.00	
John A. Oille.....	300.00	
Associates:		
R. G. Armour (paid also \$65 from Special Funds and \$50 for Extension Work).....	250.00	
E. E. Cleaver (paid also \$65 from Special Funds).....	250.00	
H. A. Dixon (paid also \$65 from Special Funds and \$15 in School of Nursing).....	250.00	
Beverly Hannah (paid also \$15 in School of Nursing, and \$50 for Extension Work; also in Connaught Laboratories).....	250.00	

J. Hepburn (paid also \$65 from Special Funds).....	\$ 250.00
J. H. McPhedran	250.00
F. W. Rolph.....	250.00
A. A. Fletcher, on Leave of Absence.....	.....
Half-time:	
Trevor Owen (paid also \$125 from Special Funds).....	500.00
W. P. Warner, on War Service.....	.....
J. A. Dauphinee, Senior Demonstrator in Clinical Microscopy, without salary; on War Service (also Junior Demonstrator).....	.....
Senior Demonstrators:	
H. H. Hyland (paid also \$30 for Extension Work).....	1,000.00
G. W. Loughheed (paid also \$125 from Special Funds).....	500.00
Sessional, part-time (each paid also \$60 from Special Funds):	
Gordon Bates (paid also \$10 in School of Nursing).....	200.00
G. F. Boyer.....	200.00
E. A. Broughton.....	200.00
J. G. Falconer (paid also \$200 in School of Nursing).....	200.00
E. J. Maltby (paid also \$30 for Extension Work).....	200.00
W. E. Ogden (paid also \$30 for Extension Work).....	200.00
H. M. Gray, Junior Demonstrator in Clinical Microscopy (paid also \$40 from Special Funds).....	250.00
Junior Demonstrators:	
Full-time:	
H. E. Rykert (paid also \$40 for Extension Work).....	1,000.00
On War Service:	
R. A. Cleghorn, at \$3,000.....	.....
R. B. Kerr, at \$2,400.....	.....
J. A. Dauphinee, at \$2,000 (also Senior Demonstrator in Clinical Microscopy).....	.....
J. Wallace Graham, at \$1,000.....	.....
Sessional; part-time:	
A. F. W. Anglin (paid also \$40 from Special Funds, and \$10 in School of Nursing).....	150.00
E. F. Brooks (paid also \$40 from Special Funds, and \$15 in School of Nursing).....	150.00
F. C. Hamilton (paid also \$40 from Special Funds).....	150.00
Angus MacKay (ob. 4 March, 1944).....	150.00
L. M. Murray (paid also \$40 from Special Funds).....	150.00
D. J. Prendergast.....	150.00
C. R. Burton, Temporary; (paid also \$40 from Special Funds).....	150.00
T. A. Crowther, Temporary; (paid also \$40 from Special Funds).....	150.00
On War Service:	
Ian Macdonald, half-time at \$500.....	.....
Part-time at \$150:	
W. H. Brown.....	.....
A. R. Hagerman.....	.....
A. E. Parks.....	.....
N. M. Wrong.....	.....
A. J. Longmore, Fellow.....	1,000.00
Research Assistants, at \$1,440:	
Miss M. I. Hanna.....	1,440.00
N. W. Simmons, on War Service.....	.....
Miss K. Lee, Technical Assistant.....	1,140.00
R. H. Wilson, Laboratory Attendant, at \$780; on War Service.....	.....
Miss S. H. Clutton, Secretary (paid also \$517.50 from Special Funds).....	1,560.00
	\$ 27,540.00

Obstetrics and Gynaecology

William A. Scott, Professor.....	\$ 5,000.00
Assistant Professors (each paid also \$75 from Special Funds):	
W. G. Cosbie (paid also \$30 in School of Nursing).....	300.00
N. D. Frawley.....	300.00
H. B. VanWyck (paid also \$100 in School of Nursing).....	300.00
R. W. Wesley.....	300.00

Associates (each paid also \$65 from Special Funds):	
W. A. Dafoe.....	\$ 250.00
D. M. Low (paid also \$30 in School of Nursing).....	250.00
S. J. N. Magwood.....	250.00
Senior Demonstrators (Sessional; each paid also \$60 from Special Funds):	
D. N. Henderson (paid also \$500 as Fellow, part-time).....	200.00
H. W. Johnston.....	200.00
K. Manning.....	200.00
Junior Demonstrators (Sessional; each paid also \$40 from Special Funds):	
W. E. Apted.....	150.00
L. T. A. Armstrong.....	150.00
D. E. Cannell.....	150.00
J. C. Goodwin.....	150.00
J. C. Mann.....	150.00
W. Murby.....	150.00
F. J. O'Leary.....	150.00
A. Purdy.....	150.00
G. L. Watt.....	150.00
On War Service:	
R. B. Meiklejohn.....	.....
W. T. Noonan.....	.....
M. C. Watson.....	.....
Dr. Lorna Whish, Fellow (Sessional).....	1,000.00
D. N. Henderson, Fellow, part-time (paid also \$200 as Senior Demonstrator).....	500.00
Miss M. Bonham, Laboratory Technician; resigned 30 June.....	1,100.00
Secretary, at \$900:	
Miss H. Carson, on War Service; contribution to Pension Fund.....	27.00
Miss E. Marshall.....	900.00
	<hr/>
	\$ 12,427.00

Ophthalmology

W. W. Wright, Professor, also Head of Department.....	\$ 700.00
Associates (each paid also \$60 from Special Funds):	
C. E. Hill (paid also \$10 in School of Nursing).....	200.00
W. R. F. Luke.....	200.00
A. E. Macdonald (paid also \$365 from Medical Research Banting Fund).....	200.00
H. M. Macrae, Associate at \$200; on War Service.....	.....
Senior Demonstrators (Sessional; each paid also \$60 from Special Funds):	
J. F. A. Johnson.....	200.00
A. L. Morgan.....	200.00
T. H. Hodgson, Junior Demonstrator (Sessional; paid also \$85 from Special Funds).....	700.00
E. I. Glenister, Associate Resident Fellow.....	600.00
Miss M. E. Gray, Technical Assistant, at \$1,000 of which half charged to Oto-Laryngology.....	500.00
Secretarial Assistant, part-time, at \$150:	
Miss G. Penfold, resigned January 31.....	87.50
Miss F. Richardson, from February 1.....	62.50
	<hr/>
	\$ 3,650.00

Oto-Laryngology

A. A. Campbell, Professor, also Head of Department.....	\$ 700.00
Senior Demonstrators (Sessional; each paid also \$60 from Special Funds):	
H. H. Burnham.....	200.00
J. X. Robert.....	200.00
A. H. Veitch.....	200.00
D. E. S. Wishart (paid also \$15 in School of Nursing).....	200.00
C. A. Rae, Senior Demonstrator (Sessional) at \$200; on War Service.....	.....

Junior Demonstrators (Sessional; each paid also \$40 from Special Funds):		
G. A. Fee.....	\$	150.00
H. W. D. McCart.....		150.00
G. W. McGregor.....		150.00
A. M. McLeod.....		150.00
G. C. Snell.....		150.00
J. Grant Strachan.....		150.00
J. Sullivan.....		150.00
P. E. Ireland, Junior Demonstrator at \$500; on War Service.....		
R. F. Eager, Special Junior Demonstrator, 8 months at \$25 per month.....		200.00
Miss M. E. Gray, Technician, at \$1,000 of which half paid in Ophthalmology.....		500.00
		<hr/>
	\$	3,250.00

Paediatrics

Alan Brown, Professor.....	\$	700.00
Assistant Professors:		
F. F. Tisdall, also Director of Research Laboratories.....		2,000.00
E. A. Morgan (paid also \$100 from Special Funds).....		400.00
A. W. Canfield (paid also \$65 from Special Funds).....		250.00
T. G. H. Drake, Associate.....		2,000.00
Senior Demonstrators (Sessional):		
Dr. Gladys L. Boyd (paid also \$125 from Special Funds).....		500.00
A. P. Hart (paid also \$60 from Special Funds).....		200.00
G. E. Smith (paid also \$60 from Special Funds).....		200.00
W. W. Barraclough, at \$150 less \$50 overpaid in 1942-43 (paid also \$40 from Special Funds).....		100.00
Junior Demonstrators (Sessional):		
N. Silverthorne (paid also \$75 from Special Funds and \$30 in School of Nursing; also Research Assistant, without salary).....		300.00
C. E. Snelling (paid also \$75 from Special Funds and \$20 in School of Nursing).....		300.00
J. H. Ebbs, (paid also \$60 from Special Funds and \$10 in School of Nursing).....		200.00
Dr. Elizabeth Chant Robertson (paid also \$60 from Special Funds).....		200.00
H. E. Edwards, without salary.....		
On War Service:		
A. L. Chute at \$300.....		
J. R. Ross at \$200.....		
W. A. Hawke at \$200.....		
J. D. Keith, without salary.....		
Research Assistants (Sessional):		
S. H. Jackson, Chemistry.....		900.00
N. Silverthorne, Bacteriology, without salary.....		
Technicians in Research Laboratories (Sessional):		
Mrs. Edna Balsdon.....		661.10
Miss W. M. Johnstone, without salary.....		
Miss M. L. Cassidy, Secretarial Assistant.....		500.00
		<hr/>
	\$	9,411.10

Pathological Chemistry

Andrew Hunter, Professor.....	\$	7,000.00
T. F. Nicholson, Associate Professor.....		3,750.00
Lecturers (Sessional):		
D. L. Selby.....		1,000.00
R. W. I. Urquhart (paid also \$5,200 as Director of Health Service).....		750.00
Fellows (Sessional):		
A. G. Gornall, at \$1,200; on War Service.....		
C. S. McArthur (paid also \$1,200 from Medical Research Banting Fund and \$200 from Special Funds).....		1,000.00

Demonstrators (Sessional):

D. H. Boddington.....	\$ 500.00
J. S. Wilson.....	250.00
G. McNaughton, Assistant (Sessional).....	250.00
C. E. Downs, Technician (paid also \$300 in Health Service).....	1,650.00
C. H. Downs, Laboratory Assistant.....	1,200.00

Laboratory Attendants:

Mrs. J. Faulds.....	750.00
Mrs. C. McCallum (paid also \$243.60 in Faculty of Arts).....	350.00
Miss C. A. Shannon, Secretary.....	1,200.00

 \$ 19,650.00

Pathology and Bacteriology

Professors:

William Boyd.....	\$ 8,000.00
W. L. Holman.....	5,000.00
W. L. Robinson, Bacteriology; also Associate Director of Applied Bacteriology (paid also \$180 in Medical Jurisprudence).....	2,200.00

Assistant Professors:

I. H. Erb.....	300.00
W. Magner.....	300.00
G. Shanks.....	300.00

D. N. Henderson, Associate Gynaecological Pathology, without salary (paid \$700 in Obstetrics and Gynaecology).....

Lecturers (Sessional):

Dr. R. Margarite Price, Bacteriology and Serology.....	3,000.00
P. H. Greey, Bacteriology.....	1,800.00
D. E. O. Magner, at \$1,700; on War Service; contribution to the Teachers' Insurance and Annuity Association.....	85.08

Senior Fellows in Pathology:

A. V. Postoloff, resigned May 31.....	1,200.00
R. G. D. McNeely, 1 month.....	100.00
D. E. Stader, Fellow in Pathology at \$850; resigned May 31.....	779.16
Dr. Alice E. Gray, Fellow in Bacteriology.....	1,000.00
Dr. Dorothea M. Macdougall, Fellow in Museum at \$850 from February 1.....	354.17

Demonstrators in Pathology (Sessional):

F. L. Lawson, 5 months at \$30 per month.....	150.00
Dr. Margaret S. Thompson.....	100.00
Dr. Mary I. Tom (paid also \$2,000 in Neuropathology).....	80.00
Dr. Ethel Morgan.....	70.00
Miss V. Laughlen.....	60.00

E. J. Clifford, Demonstrator in Bacteriology (Sessional; without salary).....

Assistants in Laboratory:

Miss N. W. Simpson, Pathology.....	1,500.00
Miss H. M. Boyd, Bacteriology.....	1,100.00

Special Technicians:

Miss A. Alvey, at \$1,200; on War Service; contribution to Pension Fund.....	42.00
Miss M. W. Kirk, at \$960; resigned September 18.....	208.00
Mrs. Vera Young, at \$70 per month from September 20 and \$80 per month from March 1 (paid also as Junior Attendant in Museum).....	695.67
Miss J. C. Burk, Technician in Pathology.....	1,020.00

Attendants for preparing Media:

Miss E. A. Gordon, Senior Technician, Pathology.....	1,200.00
Miss D. Nunn, at \$840; on War Service.....	340.00
Mrs. Annie Jackson, at \$816; resigned November 30.....	340.00
Miss Helen Train, 2 months at \$60; 5 months at \$70 (paid also \$60.32 as Junior Attendant in Museum).....	470.00
Frank Giles, at \$64 per month from January 17.....	350.97
Kenneth Tulley, 1 month, 14 days at \$50 per month.....	72.58
Miss Clare Hickey, 77½ hours at 40c per hour.....	31.00
J. F. Payne, Preparator.....	1,800.00

Autopsy Recorders:

Miss M. Wightman, at \$960; resigned August 31.....	\$ 160.00
Miss J. M. Thomas; 4 months, 20 days at \$70 per month.....	325.00
Miss Ann MacGregor; 2 months at \$70 per month, 2 months at \$75 per month.....	290.00
Mrs. Margaret Shannon; 1 month, 11 days at \$80 per month.....	108.39
Miss E. Lowrey, Autopsy Technician.....	960.00

Junior Attendants in Museum at \$55 per month:

Miss Wanda Currell, from December 20.....	351.29
Mrs. Vera Young; 2 months, 20 days (paid also \$695.67 as Special Technician).....	144.83
Miss Helen Train, 1 month 3 days (paid also \$470 as Attendant)....	60.32
Miss L. Widerick, 27 days.....	47.90
Miss G. K. R. Boyd, Secretary.....	1,260.00
Miss H. J. Williamson, Librarian and Assistant Secretary.....	1,020.00
Miss V. L. McKinnon, Museum Secretary.....	1,260.00

Clerical Assistants (Temporary):

Miss J. M. Thomas, 2 months (paid also \$325 as Autopsy Recorder).....	140.00
Mrs. Isabel Lewis, 1 month, 10 days at \$75 per month.....	96.84

\$ 39,933.20

Division of Neuropathology:

E. A. Linell, Professor.....	4,500.00
Dr. Mary I. Tom, Lecturer (Sessional; paid also \$80 as Demonstrator in Pathology).....	2,000.00

Technicians:

Miss M. G. Hein.....	1,140.00
Mrs. Honor P. Gray, at \$1,020; resigned February 19.....	650.69
Miss M. L. Howard, 2 months at \$70 per month, 3 months at \$75 per month.....	365.00
Miss C. A. Bell, Secretary.....	1,200.00

\$ 49,788.89

Pharmacy and Pharmacology

V. E. Henderson, Professor.....	\$ 6,000.00
---------------------------------	-------------

Associate Professors:

G. H. W. Lucas.....	4,000.00
J. K. W. Ferguson, at \$3,600; on War Service; contribution to Teachers' Insurance and Annuity Association.....	180.00

Fellows (Sessional at \$1,500.):

Mrs. M. M. O. Sweeten, resigned May 15.....	1,375.00
Dr. M. Hilda D. Gunther, resigned May 15.....	1,375.00

Allan Brock, Technical Assistant.....	2,200.00
---------------------------------------	----------

A. C. Morrison, Technician, at \$1,100; on War Service; contribution to Pension Fund.....	30.25
---	-------

Mrs. Elsie Long, Laboratory Attendant, 3 months at \$900, 9 months at \$1,000.....	975.00
--	--------

Cleaners, at \$900:

Arthur Duffy; 18 weeks.....	311.40
Walter Benson; resigned October 31.....	300.00
William Smith; 12½ weeks.....	216.25
E. Heatherington; 3½ days.....	10.09
Miss D. Caldecott, Clerical Assistant.....	550.00

\$ 17,522.99

Physiology

Professors:

C. H. Best (also at \$5,000 as Director and Professor, Banting and Best Department of Medical Research).....	\$ 6,000.00
N. B. Taylor.....	4,800.00

Associate Professors:

D. Y. Solandt, at \$3,700 of which \$1,420 refunded on account of Naval Stipend (paid also \$300 from Medical Research Best Fund and \$2,000 from Special Funds).....	2,280.00
E. T. Waters, at \$3,300; on War Service; contribution to Teachers' Insurance and Annuity Association.....	165.00

Assistant Professors:	
R. E. Haist (paid also \$1,400 in School of Physical and Health Education, \$400 in School of Hygiene, and \$100 from Medical Research Best Fund).....	\$ 1,700.00
J. Campbell, at \$2,500 of which \$1,000 paid from Medical Research Best Fund; on War Service; contribution to Teachers' Insurance and Annuity Association.....	125.04
E. H. Botterell, Lecturer (Sessional, at \$1,500; also in Surgery) on War Service; contribution to Teachers' Insurance and Annuity Association.....	75.00
E. Fidler, Lecturer and Research Associate (paid also \$300 from Medical Research Best Fund, and \$450 for Extension Work).....	2,200.00
Research Associates:	
W. G. E. Eggleton, at \$2,500; resigned July 15.....	104.17
A. L. Chute, at \$1,500; on War Service (also in Paediatrics).....	.....
Mrs. Jean P. Fletcher (part-time) at \$70 per month from September 7.....	683.67
Research Assistants:	
Mrs. Margaret T. C. Mitford, at \$2,100 to March 31; part-time from April 1 at \$800; resigned May 15.....	1,675.00
Miss H. J. Bell.....	1,500.00
L. B. Jaques (paid also \$1,050 from Special Funds).....	1,750.00
Miss A. G. Macdonald, from November 1.....	640.00
S. B. Raska, 2 months (paid also \$403 from Medical Research Best Fund).....	292.00
Fellows (Sessional; part-time):	
M. A. Ashworth.....	500.00
R. P. McCaffery (paid also \$400 in Anatomy).....	400.00
J. D. Brown, Technical Assistant in Bio-Physics (paid also \$220 from Special Funds).....	1,500.00
F. L. Robinson, Technical Assistant and Glass-Blower (paid also \$500 from Medical Research Best Fund).....	2,000.00
Temporary Technical Assistants:	
A. Hartop, at \$23 per week from February 2.....	494.51
Mrs. Florence Porter; 20 weeks, 2 days at \$15 per week.....	305.00
D. Ralph, 14 weeks at \$16 per week.....	225.34
J. D. Illingworth; 4 weeks, 4 days at \$22 per week.....	102.67
Mrs. Ethel Hoare; 5 weeks, 5 days at \$15 per week.....	87.50
G. Marinig; 1 week, 5 days at \$18 per week.....	33.00
Mrs. Elizabeth Adsit; 1 week, 5 days at \$14.19 per week.....	26.02
B. Kertzer; 1 week, 2 days at \$16 per week.....	22.68
Mrs. Bessie Winterton; 1 week, 5 days at \$9.60 per week.....	17.60
G. Scattergood, Laboratory Assistant to Teaching Laboratories, at \$1,250; on War Service; contribution to Pension Fund.....	34.40
A. Elliott, Mechanician.....	1,850.00
Animal Caretakers:	
G. L. Robinson, at \$1,350; on War Service; contribution to Pension Fund.....	33.75
S. McCracken, at \$1,040; on War Service.....	.....
T. W. Kober (Temporary) at \$950; resigned September 15.....	197.93
A. D. Crouch, Assistant Animal Caretaker, at \$1,100; on War Service; contribution to Pension Fund.....	30.25
Miss Mabel Cory, Departmental Librarian.....	1,300.00
Miss D. Secord, Secretarial Assistant (paid also \$150 from Medical Research Best Fund).....	1,300.00
	\$ 34,450.53
Psychiatry	
C. B. Farrar, Professor.....	\$ 5,000.00
E. P. Lewis, Assistant Professor (paid also \$135 from Special Funds).....	500.00
Dr. Mary V. Jackson, Associate (paid also \$100 for Extension Work, and \$60 from Special Funds).....	250.00
Demonstrators (Sessional):	
G. W. Anderson (paid also \$100 in Faculty of Arts).....	150.00
Dr. Ruth M. Franks (paid also \$200 for Extension Work).....	150.00

B. T. McGhie (paid also \$100 in School of Hygiene).....	\$ 150.00
L. D. Proctor (paid also \$2,500 in Psychiatric Research, and \$30 from Special Funds).....	150.00
G. H. Lugsdin, at \$150; on War Service.....	
Miss A. F. Abbott, Secretarial Assistant (Sessional; without salary).....	
	\$ 6,350.00

Radiology

G. E. Richards, Professor.....	\$ 700.00
A. C. Singleton, Assistant Professor.....	250.00
Senior Demonstrators (Sessional):	
M. R. Hall.....	200.00
A. H. Rolph.....	200.00
C. L. Ash, Assistant (part-time).....	500.00
H. M. Worth, Research Assistant (Sessional).....	750.00
	\$ 2,600.00

Special Lectures

Special Lecturers (Sessional):

Dentistry:

A. D. A. Mason (paid also \$5,000 in Faculty of Dentistry).....	\$ 100.00
D. M. Tanner, at \$100 (also in Faculty of Dentistry) on War Service.....	

History of Science and Civilization:

A. F. Coventry (paid also \$4,100 in Faculty of Arts).....	200.00
H. Wasteneys (paid also \$6,000 in Bio-Chemistry).....	200.00
S. K. Jaffary, Social Medicine (paid also \$4,200 in School of Social Work).....	120.00
G. S. Young, Medical Ethics and Economics, without salary (paid \$15 in School of Nursing).....	
	\$ 620.00

Surgery and Clinical Surgery

W. E. Gallie, Professor (paid also \$1,000 as Dean).....	\$ 10,000.00
--	--------------

Assistant Professors (each paid also \$75 from Special Funds):

T. A. J. Duff.....	300.00
R. R. Graham.....	300.00
R. I. Harris.....	300.00
K. G. McKenzie.....	300.00
Robin Pearse.....	300.00
E. S. Ryerson (paid also as Assistant Dean and Secretary, and in School of Physical and Health Education).....	300.00
N. S. Shenstone.....	300.00
G. E. Wilson.....	300.00
H. W. Wookey (paid also \$15 in School of Nursing).....	300.00
D. E. Robertson, Ob. February 19, one-half paid to Widow.....	300.00

Associates (each paid also \$65 from Special Funds):

G. S. Foulds.....	250.00
R. E. Gaby.....	250.00
R. M. Janes.....	250.00
A. B. LeMesurier.....	250.00
R. J. A. McComb.....	250.00
C. B. Parker.....	250.00
T. A. Robinson.....	250.00
R. H. Thomas (paid also \$200 in Health Service).....	250.00

J. W. Ross, Associate, at \$250; on War Service.....

Senior Demonstrators (Sessional; each paid also \$60 from Special Funds):

H. G. Armstrong.....	200.00
J. H. Couch.....	200.00
C. R. B. Crompton.....	200.00
C. W. Harris.....	200.00
J. C. McClelland.....	200.00
J. L. McDonald.....	200.00

D. W. G. Murray.....	\$ 200.00
J. Spence Reid.....	200.00
N. W. Roome.....	200.00
J. A. MacFarlane, Senior Demonstrator, at \$200; on War Service.....	.....
Junior Demonstrators (Sessional; each paid also \$40 from Special Funds):	
W. G. Carscadden.....	150.00
J. T. Danis.....	150.00
F. I. Lewis.....	150.00
D. W. Pratt.....	150.00
E. E. Shouldice.....	150.00
R. M. Wansbrough (paid also \$70 for Extension Work).....	150.00
A. W. M. White, at \$150; on War Service to January 31.....	100.00
Junior Demonstrators (Sessional at \$150; on War Service):	
J. W. Brennan.....	.....
A. W. Farmer.....	.....
S. D. Gordon.....	.....
W. S. Keith.....	.....
R. C. Laird.....	.....
D. R. Mitchell.....	.....
T. R. Sargeant.....	.....
S. A. Thomson.....	.....
C. H. Watson.....	.....
W. K. Welsh.....	.....
Special Demonstrators (Sessional; each paid also \$40 from Special Funds):	
M. H. V. Cameron.....	150.00
G. W. Carrow.....	150.00
Wallace A. Scott.....	150.00
R. V. B. Shier.....	150.00
W. O. Stoddart.....	150.00
H. F. Robertson, Special Demonstrator (Sessional).....	150.00
C. Aberhart, Fellow; returned from War Service from February 1 at \$100 per month.....	500.00
Fellows (Sessional; part-time):	
Dr. Jessie C. Gray (paid also \$360 in Faculty of Dentistry).....	1,500.00
Dr. Marjorie I. Davis (paid also \$10 in School of Nursing).....	1,500.00
F. R. Wilkinson.....	1,500.00
R. G. MacKenzie (paid also \$600 in Anatomy).....	500.00
On War Service:	
E. H. Botterell, at \$1,500 (also in Physiology) contribution to Teachers' Insurance and Annuity Association.....	75.00
F. G. Kergin, at \$1,500.....	.....
J. R. F. Mills, at \$1,500.....	.....
H. R. C. Norman, at \$600.....	.....
Resident Fellows (on loan from the R.C.A.M.C.):	
Michaelmas Term:	
F. P. Dewar.....	583.33
J. E. Bateman.....	200.00
G. E. Cooper.....	200.00
Easter Term:	
E. B. Tovee.....	333.34
G. A. Lane.....	233.34
E. G. Meyer.....	200.00
Assistant Resident Fellows:	
Sessional:	
D. R. Bohnen.....	300.00
J. W. Long.....	300.00
Michaelmas Term:	
G. Fahrni.....	150.00
T. S. Perrett.....	150.00

J. R. Francis	} On loan from the R.C.A.M.C.....	\$ 150.00	
W. D. Stevenson		150.00	
F. B. Thomson		150.00	
Assistant Resident Fellows, at \$300; on War Service:			
J. E. Bateman.....			
G. E. Cooper.....			
N. C. Delarue.....			
F. P. Dewar.....			
J. R. Francis.....			
G. A. Lane.....			
P. F. McGoey.....			
E. G. Meyer.....			
W. T. Mustard.....			
W. D. Stevenson.....			
F. B. Thomson.....			
E. B. Tovee.....			
G. E. P. Wilson.....			
A. T. Jousse, Assistant (Temporary) from October 1 at \$50 per month (paid also \$50 in Therapeutics).....		450.00	
Miss T. W. MacLaren, Secretary (also Secretary to the Dean) (paid also \$200 from Special Funds).....		1,500.00	
			\$ 29,325.01
Therapeutics			
R. F. Farquharson, Assistant Professor (part time); also Head of Department (paid also \$1,000 in Department of Medicine).....		\$ 1,000.00	
Associates:			
H. J. Shields, in charge of Anaesthesia (paid also \$65 from Special Funds).....		250.00	
W. J. Gardiner, in charge of Physical Therapy (paid also \$500 for Extension Work and \$100 from Special Funds).....		400.00	
C. E. Cooper Cole, Senior Demonstrator (Sessional; paid also \$60 from Special Funds).....		200.00	
Junior Demonstrators in Anaesthesia (Sessional; each paid also \$40 from Special Funds):			
G. R. Balfour.....		150.00	
W. E. Brown (paid also \$10 in School of Nursing).....		150.00	
C. G. Bryan.....		150.00	
S. M. Campbell (paid also \$1,000 in Health Service).....		150.00	
J. Chassels.....		150.00	
N. S. Clark.....		150.00	
S. J. Evelyn.....		150.00	
H. R. Hargrave.....		150.00	
K. M. Heard.....		150.00	
C. H. Robson.....		150.00	
A. R. Wilkins.....		150.00	
K. E. Hollis, Junior Demonstrator in Anaesthesia at \$150 (Sessional) on War Service.....			
Assistants (Sessional):			
A. J. Longmore (paid also \$40 from Special Funds).....		125.00	
A. T. Jousse (paid also \$450 in Surgery).....		50.00	
R. L. Stirrett (paid also \$40 from Special Funds).....		75.00	
H. E. Pugsley, Research Fellow (Sessional).....		800.00	
Temporary Assistants in Physical Therapy:			
Miss Robin Wearne, 2 months, 14 days at \$20 per month (paid also \$450 for Extension Work).....		49.00	
Miss L. Pollard, from January 1 at \$300 per annum (paid also \$1,800 for Extension Work, and \$75 from Special Funds).....		150.00	
Mrs. Jean L. Reid, Secretarial Assistant (part-time).....		420.00	
			\$ 5,169.00
			\$328,482.31
Less charged to:			
Rockefeller Fund.....	\$ 46,185.01		
Eaton Endowment.....	12,451.10		
		\$ 58,636.11	
			\$269,846.20

Maintenance of Departments

Anatomy

Anatomical Material (\$1,582.58):

E. E. Bolton, subjects.....	\$	450.00
Canadian Industrial Alcohol Co., alcohol.....		46.70
C. Hunt, brains.....		44.00
Imperial Oil Co., oil.....		17.06
Marshall-Hall Co., plaster cord.....		10.00
F. W. Matthews Co., subjects, reports.....		964.82
Harry R. Ranks Co., subject.....		30.00
Mrs. R. R. Saunders, skull.....		20.00

General Supplies, Equipment and Incidentals (\$1,915.87):

Allen Mfg Co., laundry.....		122.68
American Medical Association, subscription.....		15.72
British Drug Houses Ltd., chemicals.....		51.59
Canadian Industrial Alcohol Co., alcohol.....		69.40
Central Scientific Co., pipettes, flasks.....		172.45
Miss D. I. Chubb, drawings.....		75.00
Corbett-Cowley Ltd., laboratory coats.....		51.36
Eastman Photographic Stores, plates, films, bulbs.....		46.29
T. Eaton Co. Ltd., shades, etc.....		32.83
Dr. J. C. B. Grant, advance for models.....		60.00
J. F. Hardy Co., cod liver oil stoppers.....		10.00
E. B. Hendrik, mounting specimens.....		30.00
Imperial Oil Co. Ltd., parowax.....		11.88
N. Jay, illustrations.....		98.50
Kelley Feed and Seed Co., feed.....		12.00
Mallinckrodt Chemical Works, chemicals.....		87.66
H. McCormick, desks.....		45.83
William Parkinson, fittings.....		10.00
Postage.....		16.00
Ralston Purina Co. Ltd., feed.....		213.55
Remington Rand Ltd., typewriter.....		143.78
Robbins and Townsend, typewriter service.....		12.60
Henry Whittaker, photographs.....		46.50
University Press, printing and stationery.....		217.59
Accounts under \$10.00 (7).....		26.00
Sundry disbursements by department: stationery, \$20.54; hardware, \$23.95; supplies, \$41.50; feed, \$21.61; postage, \$1.23; sundries, \$6.17.....		115.00
Superintendent's Dept., freight, \$5.00; labour, \$41.59; material, \$75.07.....		121.66
	\$	3,498.45
Less: Sundry credits.....		8.00
		\$ 3,490.45

Art Service

Supplies:

E. Harris Co. of Toronto, sheets, masking tape.....	\$	15.79
J. F. Hartz Co., beeswax, tray.....		13.60
Ingram and Bell, beeswax.....		10.16
Office Specialty Co., guides.....		10.45
University Press, stationery, etc.....		84.97
Accounts under \$10.00 (3).....		11.86
Sundry disbursements by department: stationery, \$8.96; hard- ware, \$1.75; supplies, \$7.75; sundries, \$5.25; postage, \$2.69; laundry, \$18.60.....		45.00
	\$	191.83

Bio-Chemistry (including Zymology)

Supplies and Apparatus (\$4,959.67):

Aikenhead Hardware Ltd., hardware.....	\$	12.46
Allen Mfg. Co., laundry.....		49.15
American Society of Biological Chemists Inc., reprints.....		56.73
British Drug Houses Ltd., chemicals.....		158.89
Canada Packers Ltd., provisions, blood.....		26.08
Canadian Fairbanks Morse Co., castors.....		19.45
Canadian Laboratory Supplies, thermometers, pipettes, bottles, batteries, tubing.....		969.05

Canadian Liquid Air Co., nitrogen, hydrogen, oxygen	\$ 54.43	
Canadian Research Institute, repairs.....	25.85	
Central Scientific Co., pipettes, tubing, flasks, alcohol.....	444.64	
Connaught Laboratories, chemicals.....	14.85	
Corbett-Cowley Ltd., laboratory coats	79.91	
Coulter Copper and Brass Co., repairs, electro tin plate.....	24.41	
Eastman Kodak Co., chemicals	46.66	
T. Eaton Co. Ltd., cups, cloth.....	20.26	
C. Emmett, rabbits.....	71.75	
J. F. Hartz and Co., syringes, pipettes, sutures.....	48.84	
Holliday Flint Glass Works, test tubes.....	42.00	
Insulin Committee, rabbits.....	22.00	
F. Jennings, sawdust	14.00	
Kelvinator Co. of Canada, Ltd., repairs.....	24.54	
E. Machlett and Son.....	11.70	
Merck and Co., chemicals.....	89.92	
Mimeograph Co. of Canada, paper	13.68	
Photographic Service, slides.....	14.75	
Postage	24.00	
Toronto Elevators Ltd., feed	18.30	
University Press.....	173.72	
Accounts under \$10.00 (19).....	86.92	
Sundry disbursements by department: stationery, \$5.04; hardware, \$7.21; supplies, \$17.74; sundries, \$10.73; postage, \$4.28	45.00	
Superintendent's Dept., freight, \$34.33; labour, \$967.92; material, \$1,253.48.....	2,255.73	
	\$ 4,959.67	
Less credits: Laboratory deposits.....	446.22	
		\$ 4,513.45

Hygiene and Preventive Medicine

Supplies and Apparatus (\$2,156.62):

American Public Health Association, book	\$ 62.46	
Canadian Laboratory Supplies, pipettes, agar.....	215.46	
Canadian Medical Association, advertising	15.30	
Canadian Public Health Association, books	30.00	
Central Scientific Co., tubes, clamps, stoppers	228.61	
Connaught Laboratories, cotton, vaccine, towels.....	453.52	
Difco Laboratories, chemicals	26.55	
General Biological Supply House, specimens.....	11.09	
Gray Coach Lines, students' transportation to Connaught Laboratories farm	86.00	
J. F. Hartz Co., pipettes, bottles	16.75	
Ingram and Bell, corks.....	17.53	
Mimeograph Co., paper, ink.....	113.11	
Postage.....	22.00	
University Press, printing and stationery	474.53	
Accounts under \$10.00 (12)	55.06	
Sundry disbursements by departments: stationery, \$5.53; hardware, \$2.57; supplies, \$2.33; sundries, \$1.79; postage, \$2.78..	15.00	
Superintendent's Dept., freight, \$14.26; labour \$82.58; material \$39.25; telephone, \$177.56	313.65	
Cleaner: Mrs. Ada Hall, 288 days.....	757.78	
	\$ 2,914.40	
Less credits: Sale of Material.....	231.50	
		\$ 2,682.90

Medical Jurisprudence

(Nothing Spent)

Medicine

Supplies and Chemicals (\$464.69):

Allen Manufacturing Co., laundry	\$ 11.96
American Journal of Digestive Diseases, books.....	23.25
Canadian Medical Association, reprints	16.50
Grand and Toy Ltd., stationery.....	10.81
Ingram and Bell, supplies.....	116.65

McAinsh and Co. Ltd., subscription.....	\$	16.20	
Postage.....		61.12	
Receiver General of Canada, reprints.....		14.00	
University Press, printing and stationery.....		111.21	
Accounts under \$10.00 (8).....		36.72	
Sundry disbursements by department: stationery, \$3.50; hardware, \$7.78; supplies, \$6.09; sundries, \$1.99; postage, .64.....		20.00	
Superintendent's Dept., freight, \$5.30; material, \$20.97.....		26.27	
Apparatus (\$251.82):			
Canadian Laboratory Supplies Ltd., test tubes, pipettes.....		33.97	
Central Scientific Co., paper, magnets, glassware.....		164.65	
Office Specialty Mfg. Co., guides.....		14.38	
Accounts under \$10.00 (4).....		15.21	
Superintendent's Dept., labour, \$23.24; material, .37.....		23.61	
Books and Periodicals (\$641.90):			
McAinsh and Co., books.....		33.45	
Thos. Nelson and Son, books.....		15.00	
University Press, binding, stationery.....		583.62	
Accounts under \$10.00 (4).....		9.83	
Laboratory Cleaning:			
Miss E. Bailey, 52 weeks.....		329.70	
(Charged to Eaton Endowment).....	\$	1,688.11	
Obstetrics and Gynaecology			
Supplies and Apparatus:			
Hall Manufacturing Co., coats.....	\$	19.44	
Photographic Service, slides, plates.....		12.00	
St. Michael's Hospital, students' laundry.....		25.00	
University Press, printing, stationery.....		71.01	
Accounts under \$10.00 (6).....		26.98	
Sundry disbursements by department: food supplies, \$3.53; telegrams, \$3.05; sundries, \$3.42.....		10.00	
			\$ 164.43
Ophthalmology			
Supplies and Apparatus:			
Baird A. Tatlock Ltd., bottles, stoppers.....	\$	72.81	
Harper and Bros. Ltd., book.....		17.76	
McAinsh and Co., books.....		11.50	
Accounts under \$10.00 (3).....		13.76	
Superintendent's Dept., freight.....		4.78	
			\$ 120.61
Oto-Laryngology			
Supplies and Apparatus:			
University Press, printing and stationery.....	\$	15.00	
Accounts under \$10.00 (2).....		6.60	
			\$ 21.60
Paediatrics			
Supplies and Chemicals (\$957.00):			
Acme Farmers Dairy Ltd., provisions.....	\$	123.84	
British Drug Houses, chemicals.....		48.26	
Canadian Laboratory Supplies, filter paper, chemicals.....		310.96	
Ditto of Canada, Ltd., carbon.....		15.75	
Matheson and Co., chemicals.....		33.23	
Merck and Co. Ltd., chemicals.....		39.17	
Postage.....		47.00	
Quinte Milk Products, casein.....		67.50	
University Press, printing, stationery.....		57.32	
Accounts under \$10.00 (5).....		19.35	
Sundry disbursements by department: stationery, \$4.40; hardware, \$4.85; sundries, \$1.90; express, \$2.42.....		13.57	
Superintendent's Dept., freight, \$18.72; material, \$162.33.....		181.05	

Apparatus (\$462.71):

Canadian Laboratory Supplies, glassware, etc.....	\$	129.72
Central Scientific Co., glassware, forceps, etc.....		276.01
Electrical Housekeeping, bulbs.....		13.50
Pfaltz and Bauer, Inc., chemicals.....		15.99
Rubicon Co., test tubes.....		24.39
Accounts under \$10.00 (3).....		3.10
(Charged to Eaton Endowment).....	\$	1,419.71

Pathological Chemistry

Supplies and Apparatus:

British Drug Houses, chemicals.....	\$	134.20
Canadian Laboratory Supplies, reducing valve, chemicals, etc.....		56.36
Central Scientific Co., generator, bottles, litmus paper, glassware, etc.....		1,288.65
Corbett-Cowley Ltd., laboratory coats.....		18.35
T. Eaton Co. Ltd., paper, film.....		11.38
Ford Radio Appliance Co., kettle.....		14.50
Frigidaire Products of Canada, service, repairs.....		20.32
Grand and Toy Ltd., tags, label holders, etc.....		13.35
Parkdale Laundry.....		89.09
Postage.....		30.00
Roneo Co. of Canada, stencils, binding.....		126.33
University Press, printing, stationery.....		70.69
Accounts under \$10.00 (14).....		54.05
Sundry disbursements by department: stationery and drugs, \$3.50; hardware, .65; supplies, \$3.64; sundries \$4.40; postage, \$2.81.....		15.00
Superintendent's Dept., freight, .42; labour, \$35.57; material, \$75.93.....		111.92
	\$	2,054.19
Less credits: Laboratory deposits.....		170.00

\$ 1,884.19

Pathology and Bacteriology

Supplies and Apparatus (\$3,702.09):

Allen Manufacturing Co., laundry.....	\$	68.23
American Medical Association, reprints, subscription.....		35.31
Bauer and Black Ltd., cotton.....		36.63
Walter Carveth and Co., projector, repairs, bulbs.....		42.50
Central Scientific Co., brushes, chemicals.....		167.57
Corbett-Cowley Ltd., guinea pigs, laboratory coats.....		58.59
Diamond Cleaner and Soap Ltd., soap.....		60.00
Eastman Photographic Stores, films, chemicals.....		209.25
T. Eaton Co. Ltd., framings, pots, pencils.....		12.09
C. Emmett, animals.....		90.00
Frigidaire Products of Canada Ltd., repairs.....		144.07
Gold Medal Meat Market, meat.....		99.01
J. F. Hartz Co., hospital supplies.....		84.43
Ingram and Bell, brushes, plates, boxes, chemicals.....		196.28
MacCallum Scale Service, testing, cleaning.....		12.50
Mimeograph Co., ink, paper.....		29.04
Ocean Chemicals Ltd., fumigating.....		66.50
Parkdale Laundry.....		263.36
Postage.....		62.00
Robbins and Townsend, typewriter service, feed rolls, ribbons.....		36.25
Max Schurle, knives, repairs.....		23.00
The Technicon Co., autotechnicon baskets, turning equipment.....		934.63
University Press, printing, stationery.....		178.13
Accounts under \$10.00 (6).....		35.05
Sundry disbursements by department: stationery, \$11.34; hardware, \$24.14; supplies, \$26.65; sundries, \$8.76; postage, .69.....		71.58
Superintendent's Dept., freight, \$100.02; labour, \$226.72; material, \$359.35.....		686.09

Museum Supplies (\$880.78):

Brown Bros. Ltd., bexoid envelopes.....		31.88
Burke Electric and X-Ray Co. Ltd., kodaload.....		15.60

J. F. Hartz Co., chemicals	\$	71.14
Ingram and Bell, watch glasses, chemicals		160.67
Queen City Glass Co., plates		264.13
Accounts under \$10.00 (6)		33.61
Superintendent's Dept., labour, \$150.27; material, \$153.48		303.75

Neuropathology:

Supplies and Apparatus (\$410.36):

Walter A. Carveth, repairs		11.00
Corbett-Cowley Ltd., coats		36.70
Dictaphone Corporation Ltd., inspections		35.55
J. F. Hartz Co., knives, chemicals		115.21
Liquid Carbonic Canadian Corporation, carbonic gas		16.80
Parkdale Laundry		44.65
Postage		16.00
University Press, printing, stationery		22.80
Accounts under \$10.00 (4)		16.99
Superintendent's Dept., material		94.66

\$ 4,993.23

Less credits: Laboratory deposits	\$	115.10
Sale of material		59.37

174.47

\$ 4,818.76

Pharmacy and Pharmacology

Supplies and Apparatus:

Aikenhead Hardware Ltd., hardware	\$	45.19
Allen Manufacturing Co., laundry		29.83
Biological Associates Registered, frogs		88.00
British Drug Houses (Canada), chemicals		74.98
Canadian Laboratory Supplies, alcohol, glassware		44.78
Central Scientific Co., glassware		163.33
R. H. Chappell, apparatus		17.00
Cullen and Sons, animals		44.00
Drug Trading Co. Ltd., cotton, chemicals		95.17
J. F. Hartz and Co., ink, adrenalin		15.70
Harvard Apparatus Co., kymograph		51.58
Ingram and Bell, plaster of paris, etc.		24.49
John McGillian, carrots, etc.		33.50
Ontario Rubber Co., stoppers		27.88
Photographic Service, slides, photostats		59.70
Ralson Purina Co., feed		57.01
Richards Glass Co., ovals, etc.		33.30
Risebrough and Jackson, feed		19.24
Rubicon Co., test tubes		18.75
Sawdust Products Ltd., pinedust		14.00
Stephens Sales Ltd., ink, stencils		166.98
Underwood Elliott Fisher, repairs		28.34
University Press, printing and stationery		50.79
Accounts under \$10.00 (10)		55.57
Sundry disbursements by department: stationery and drugs, \$1.80; hardware, \$1.48; supplies, \$4.19; sundries, \$3.60; postage, .14		11.21
Superintendent's Dept., freight, \$11.67; labour, \$42.25; material, \$154.95		208.87

\$ 1,469.19

Less credits: Sale of material		25.00
--------------------------------	--	-------

\$ 1,444.19

Physiology

Supplies and Apparatus:

Acme Farmers Dairy, provisions	\$	51.48
Alpha Aracon Radio Co. Ltd., cabinet, controls		20.32
Bikoe Manufacturing Co., insectide		84.00
Biological Associates Reg'd., frogs		79.08
F. J. Burns and Co., turtles		92.75
Cambridge University Press, reprints		12.81
Canada Packers, blood, beef		11.06
Canadian Electrical Supply, batteries, soldering iron, switches, etc		37.44

Canadian Fairbanks-Morse, hardware.....	\$	39.00	
Canadian General Electric Co., bulbs, cord, etc.....		63.16	
Canadian Laboratory Supplies, glassware.....		79.84	
Canadian Liquid Air Co., oxygen, nitrogen.....		48.60	
Canadian Medical Association, reprints.....		43.50	
Canadian National Telegraphs.....		43.13	
Central Scientific Co., glassware, chemicals.....		313.66	
Christie, Brown and Co., biscuits.....		83.78	
Collett-Sproule Limited, boxes.....		48.60	
Connaught Laboratories, animals.....		107.50	
Cullen and Sons, animals.....		328.72	
Eastman Kodak Co., chemicals.....		30.40	
Eastman Photographic Stores, lamps, films.....		74.14	
T. Eaton Co. Ltd., thermometers, boots, lamps, etc.....		199.70	
Grand and Toy Ltd., desk.....		47.00	
Charles Gurd and Co., biscuits.....		10.80	
Ingram and Bell, syringes, pipettes, chemicals.....		369.28	
Frank Jennings, sawdust.....		10.00	
Kelley Feed and Seed Co., feed.....		227.55	
Lake Simcoe Ice and Fuel, ice.....		12.15	
Liquid Carbonic Canadian Corp'n., ice.....		14.70	
Mallinckrodt Chemical Works, chemicals.....		33.57	
Marine Biological Laboratory, turtles, frogs.....		21.22	
Mine Safety Appliances of Canada, cannisters.....		42.87	
Ocean Chemicals Ltd., roach powder, etc.....		63.25	
Ontario Laundry Co.....		209.29	
Postage.....		73.00	
Rainbow Lantern Slide Co., slides.....		31.95	
Robbins and Townsend, typewriter service, rentals, ribbons.....		64.60	
J. A. Simmers, duster.....		27.15	
Stephens Sales Ltd., file, ink.....		33.41	
Swift Canadian Co., dog and cat food.....		27.75	
University of Toronto Engineering Society, coats, pencils.....		20.10	
Vail and Sheppard, cartage.....		16.20	
Wholesale Radio Co., radio supplies.....		100.13	
John Wyeth Co., casein.....		30.63	
University Press, printing, stationery.....		416.59	
Accounts under \$10.00 (27).....		116.20	
Sundry disbursements by department: stationery and drugs \$8.73; hardware, \$19.03; supplies, \$25.91; sundries, \$24.55; carfare, \$11.50; postage, \$10.28.....		100.00	
Superintendent's Dept., telephone, \$107.48; freight, \$186.95; labour, \$37.41; material, \$402.62.....		734.46	
	\$	4,746.52	
Less credits: Laboratory deposits.....		214.50	
			\$ 4,532.02

Psychiatry
(Nothing spent)

Radiology

Supplies and Apparatus:

Toronto General Hospital, X-ray films, plates, etc.....	\$	650.00	
			\$ 650.00

Surgery

Supplies and Apparatus:

Academy of Medicine, postcards.....	\$	13.05	
Associated Screen News Ltd., rental of projector.....		10.00	
Canadian Medical Association, reprints.....		11.25	
Corbett-Cowley Ltd., laboratory coats.....		157.39	
General Film Ltd., cans.....		10.35	
J. F. Hartz Co., instruments.....		22.00	
Hospital for Sick Children, reprints, alcohol.....		30.95	
International Books Ltd., digest binder.....		20.00	
R. M. James, slides, prints.....		18.55	
Journal of Bone and Joint Surgery, books.....		100.96	
C. V. Mosley, subscription.....		11.84	

Office Specialty Manufacturing Co., cabinet.....	\$	48.00	
Photographic Service, slides, prints.....		43.39	
Postage.....		76.70	
Rainbow Lantern Slide Co., slide.....		25.90	
Robbins and Townsend, typewriter service, ribbons.....		14.60	
Rumford Press, reprints.....		23.29	
Stephens Sales Ltd., ink, stencils, paper.....		130.25	
St. Michael's Hospital, students' supplies.....		50.00	
Toronto General Hospital, students supplies.....		95.67	
University Press, printing, stationery.....		46.11	
Accounts under \$10.00 (4).....		20.41	
Sundry disbursements by department: stationery and drugs, \$8.30; sundries, \$6.88; postage, \$4.82.....		20.00	
Superintendent's Dept., telephone, \$11.50; freight, \$11.17.....		22.67	
			\$ 1,023.33

Therapeutics

Supplies and Apparatus:

Ayerst, McKenna and Harrison, capsules, etc.....	\$	19.32	
British Drug Houses, chemicals.....		19.60	
S. G. Ellis, serum.....		17.80	
A. Kelley, lantern slides.....		45.00	
Office Specialty Mfg. Co., cabinet.....		48.00	
Postage.....		31.25	
Rainbow Lantern Slide Co., slides.....		17.90	
University Press, stationery, etc.....		21.46	
Accounts under \$10.00 (5).....		17.27	
Sundry disbursements by department: postage, \$2.21; station- ery, etc. \$5.56; telegrams, \$1.63; hardware, .60.....		10.00	
			\$ 247.60

General Expenses

Sundry expenses of the Dean:

Lunches, teas, dinners, travelling expenses in connection with visiting lecturers, etc.....	\$	173.01
--	----	--------

Office Supplies, stationery and incidentals (\$1,998.04):

Miss Marie Burton, clerical assistance 14 2/6 weeks.....	341.66
Canadian Pacific Railway Co., telegrams.....	14.76
Elliott Addressing Machine Co., stencils, repairs.....	28.24
General Film Limited, screen.....	50.50
Globe Printing Co., advertising.....	18.00
Might Directories, guides, directory.....	39.90
R. H. Morris, daily papers.....	13.02
Photographic Service, slides, prints.....	95.09
Postage.....	297.80
Presiding Officers, aptitude tests.....	12.00
Robbins and Townsend, typewriter service.....	40.10
Students' Administrative Council, advertising.....	16.00
University Press, printing, stationery.....	928.17
Accounts under \$10.00 (10).....	58.04
Sundry disbursements by department: stationery, \$3.30; hard- ware, \$1.25; sundries, \$13.95; comptometer operator, \$10.60; postage, \$1.29.....	30.39
Superintendent's Dept., freight, .43; labour, \$5.55; material, \$8.39.....	14.37

Publications, etc. (\$896.24):

Mrs. F. P. Lloyd, addressing envelopes.....	3.90
Postage.....	108.80
University Press, printing, stationery, booklets.....	783.54

Maintenance and Equipment of Lecture Theatre, Lantern, etc. (\$36.18):

Eastman Photographic Stores, repairs.....	8.65
Superintendent's Dept., labour, \$15.65; material, \$11.88.....	27.53
Association of American Medical Colleges, membership fee.....	166.81
Association of Canadian Medical Colleges, membership fee.....	10.00

\$ 3,280.28

Anatomical Building

Heat and Light	\$ 3,220.81	
Gas, \$25.68; water, \$26.37		52.05
Caretaker's Supplies:		
Superintendent's Dept., material		236.07
Cleaning (\$3,003.58):		
Allen Manufacturing Co., laundry		13.90
Accounts under \$10.00 (3)		7.50
Superintendent's Dept., labour		2,982.18
Repairs and Renewals (\$1,193.77):		
Wm. Bartlett and Son, shades		14.90
City Treasurer, elevator licenses		10.00
Johnson Temperature Regulating Co., repairs		22.46
Superintendent's Dept., labour, \$918.41; material, \$228.00		1,146.41
Caretaker: M. J. Shepherd, 12 months		1,550.00
	\$ 9,256.28	
Less: Heat and light charged to Central Power Plant	\$ 3,220.81	
Sundry credits, cleaning		5.00
		<u>3,225.81</u>
		\$ 6,030.47

Banting Institute (including Lecture Room, Toronto General Hospital)

Heat:		
Dept. of Public Works, Province of Ontario	\$ 6,000.00	
Gas, \$546.11; electric current, \$3,373.36; water, \$924.54		4,844.01
Caretaker's Supplies:		
Superintendent's Dept., material		533.78
Cleaning (\$7,385.15):		
Allen Manufacturing Co., laundry		17.90
Comptroller, Hart House, accommodation for consultants in connection with animal quarters		14.55
Georgia Chemical Co., fumigating		295.00
City Window Cleaning Co.		134.42
White Window Cleaning Co		5.00
Superintendent's Dept., telephone, \$1.95; labour, \$6,916.33		6,918.28
Repairs and Renewals (\$3,268.55):		
Wm. Bartlett and Son, shades		10.81
Canadian Allis Chalmers Ltd., belt		1.82
Canadian Powers Regulating Co., repairs		26.65
City Treasurer, elevator licenses		15.00
W. E. Dillon Co., grilles		12.75
Vulcan Asphalt and Supply Co., repairing and relaying floors.		106.45
Window Shades and Fittings Regd., shades		26.31
Superintendent's Dept., labour, \$2,448.59; material, \$620.17		3,068.76
Caretaker: H. L. Vickery, 12 months		1,650.00
	\$ 23,681.49	
Less credits: cleaning, light, water, etc.		85.20
		<u>\$ 23,596.29</u>

Hygiene Building

Heat and Light	\$ 20,471.10
Gas, \$1,409.24; water, \$5,724.19	7,133.43
Caretaker's Supplies (\$1,593.50):	
T. Eaton Co. Ltd., supplies .....	.45
Superintendent's Dept., material	1,593.05
Cleaning (\$11,387.55):	
Allen Manufacturing Co., laundry	31.10
High Park Window Cleaners	100.00
Queen City Window Cleaning Co	260.00
Superintendent's Dept., labour	10,996.45

Repairs and Renewals (\$3,256.06):

Wm. Bartlett and Son, shades.....	\$	163.21	
City Treasurer, elevator license.....		25.00	
Johnson Temperature Regulating Co., repairs.....		47.27	
Robert Simpson Co., linoleum.....		13.25	
Vulcan Asphalt Co., repairs.....		70.43	
Superintendent's Dept., labour, \$2,196.56; material, \$740.34.....		2,936.90	
Caretaker: James Irwin, 12 months.....		1,600.00	
			\$ 45,441.64
Less: Heat and light charged to Central Power Plant.....	\$	20,471.10	
Credits for share of gas, water, etc.....		15,574.21	
			\$ 36,045.31
			\$ 9,396.33

Medical Building

Heat and Light.....	\$	5,639.13	
Gas, City current and occasional fuel (\$452.32):			
Gas.....		304.02	
Halliday Bros., fuel.....		138.77	
Superintendent's Dept., labour.....		9.53	
Water.....		809.08	
Caretaker's Supplies:			
Superintendent's Dept., material.....		186.20	
Cleaning (\$2,969.70):			
Allen Manufacturing Co., laundry.....		12.10	
Georgia Chemical Co., fumigating.....		355.00	
F. Mottram, overtime.....		53.50	
Superintendent's Dept., labour.....		2,549.10	
Repairs and Renewals (\$2,980.66):			
Wm. Bartlett and Son, shades.....		27.42	
City Treasurer, elevator license.....		5.00	
T. Eaton Co. Ltd., slip covers, etc.....		112.36	
Superintendent's Dept., labour, \$2,207.83; material, \$628.05.....		2,835.88	
Caretaker:			
F. P. Mottram (including attendance at council meetings) 12 months (overtime \$53.50).....		1,550.00	
			\$ 14,587.09
Less: Heat and light charged to Central Power Plant.....	\$	5,639.13	
Credits, cleaning, water, Caretaker's supplies, etc.....		352.34	
			5,991.47
			\$ 8,595.62
			<u><u>\$ 346,530.55</u></u>

VII. SCHOOL OF HYGIENE

Salaries

(1) Administration:

R. D. Defries, Director; also Professor of Hygiene and Epidemiology (paid also as Director of Connaught Laboratories).....	\$	5,000.00
D. T. Fraser, Associate Director, without salary (paid in Department of Hygiene and Preventive Medicine and in Connaught Laboratories).....		
J. Craigie, Secretary (paid also as Associate Professor of Virus Studies and in Connaught Laboratories).....		750.00
Office Assistants (part-time):		
K. M. Kerns, at \$625; on War Service; (also at \$625 as Secretary, Department of Epidemiology and Biometrics) contribution to Pension Fund.....		34.40
Miss B. M. Calvin (paid also \$600 as Acting Secretary, Department of Epidemiology and Biometrics).....		600.00

(2) Epidemiology and Biometrics:	
R. D. Defries, Professor of Hygiene and Epidemiology (paid as Director and in Connaught Laboratories) .....	.....
N. E. McKinnon, Associate Professor at \$1,000 on War Service to January 23; Professor and Head of Department, at \$3,500 from January 24 (paid also in Connaught Laboratories).....	\$ 1,562.79
Miss M. A. Ross, Associate Professor, Biometrics; also Associate Secretary.....	3,000.00
Dr. Marjorie L. Sutherland, Demonstrator, Biometrics, at \$1,800; resigned September 30.....	450.00
Mrs. Ella Kuitunen, Fellow in Parasitology.....	1,200.00
Laboratory Assistants:	
Miss S. R. McCausland	1,020.00
W. Moore, at \$1,000; on War Service; contribution to Pension Fund	27.50
Miss H. E. Thomson, at \$760; resigned May 20.....	610.86
Miss C. A. Miles, at \$1,000 from March 17.....	290.32
K. M. Kerns, Secretary, part-time, at \$625; on War Service (also at \$625 as Office Assistant, Administration).....	.....
Miss B. M. Calvin, Acting Secretary, (paid also \$600 as Office Assistant, Administration).....	600.00
(3) Physiological Hygiene:	
Associate Professors:	
D. Y. Solandt, also Acting Head of Department (paid also in Physiology and from Medical Research Best Funds).....	2,000.00
D. L. McLean, at \$2,900; on War Service; contribution to Teachers' Insurance and Annuity Association.....	145.08
H. M. Barrett, Assistant Professor, Industrial Hygiene, at \$2,900; on War Service; contribution to Teachers' Insurance and Annuity Association	145.08
Lecturers (Sessional):	
J. G. Cunningham, Industrial Hygiene	500.00
R. E. Haist (paid also \$1,700 in Physiology; \$100 from Medical Research Best Funds and \$1,400 in School of Physical and Health Education).....	400.00
Mrs. Ruth C. Partridge (paid also \$2,065 from Special Funds)	300.00
Research Fellows:	
G. E. Mack, at \$1,200 and wartime bonus \$110	1,320.00
Miss M. Rutland, at \$960 and wartime bonus \$96	1,056.00
Mrs. Ruth Townsend, at \$960; resigned March 31	720.00
H. N. MacFarland, Industrial Hygiene.....	400.00
Miss A. C. Steele, at \$960 from April 17.....	200.00
G. J. Millar, October 8-31.....	77.43
Technical Assistants on War Service:	
K. Roseblade, at \$1,500; contribution to Pension Fund	41.25
W. Staples, at \$950; contribution to Pension Fund	23.75
Technicians:	
J. Horwood.....	1,200.00
R. N. Smith	1,200.00
Miss M. Mingay, Secretary (paid also \$350 in Sub-Department of Nutrition).....	750.00
(4) Chemistry in Relation to Hygiene:	
P. J. Moloney, Associate Professor (paid also in Connaught Laboratories).....	2,800.00
Miss E. M. Taylor, Lecturer (Sessional; paid also in Connaught Laboratories).....	500.00
George Kimm, Technician, at \$1,050; resigned March 31.....	700.00
(5) Sub-Department of Public Health Administration:	
W. Mosley, Associate Professor, at \$4,350; on War Service; contribution to Teachers' Insurance and Annuity Association.....	200.04

Associates:	
R. G. Struthers, at \$3,000; resigned August 31.....	\$ 500.00
Dr. Vera I. Binnington, at \$3,000 from February 21.....	1,077.58
Miss E. Wheler, Public Health Nursing.....	2,200.00
J. T. Phair.....	300.00
A. L. MacNabb.....	150.00
B. T. McGhie (paid also \$150 in Psychiatry).....	100.00
Lecturers (Sessional):	
O. C. Powers, Public Health Administration.....	3,500.00
A. E. Berry, Public Health Engineering (paid also \$1,000 in Applied Science).....	500.00
Visiting Lecturers:	
Dr. D. V. Currey.....	300.00
Dr. Mary V. Jackson (paid also \$250 in Psychiatry).....	100.00
Clinical Assistants (Sessional):	
R. H. Malyon.....	250.00
H. R. Elliott.....	250.00
Laboratory Assistants:	
Mrs. Kathleen Wiman, at \$700; resigned September 30.....	175.00
Miss E. Cartwright, at \$820 from May 15.....	102.50
(6) Sub-Department of Nutrition:	
E. W. McHenry, Associate Professor (paid also in Connaught Laboratories).....	1,300.00
Miss H. J. Leeson, Clinical Assistant.....	2,500.00
Research Fellows:	
Mrs. Helen M. Ferguson, at \$1,300 and wartime bonus \$115.....	1,415.00
Miss A. T. Owens, from August 16 to December 31, at \$1,200 and wartime bonus at \$110.....	491.25
Miss F. Tanton, from January 15 to May 31, at \$1,200 and wartime bonus at \$110.....	496.54
D. M. Young, 1 month at \$108.33 and wartime bonus \$9.58.....	117.91
J. Gurland, Statistician, 1 month.....	135.42
Technicians:	
Miss L. C. Barber, at \$1,050 and wartime bonus \$102.50.....	1,152.50
Mrs. Joan Scott, at \$840 and wartime bonus \$84.....	924.00
Miss E. James.....	780.00
Miss R. Wood from November 15, \$401.67 and wartime bonus \$40.17.....	441.84
Miss N. Boyd, from July 15 to December 31, \$285 and war- time bonus \$28.50.....	313.50
Miss F. Mooney, January 15 to March 31.....	254.84
Miss M. Mingay, Secretary (paid also \$750 in Physiological Hygiene).....	350.00
(7) Sub-Department of Virus Infections:	
J. Craigie, Associate Professor (paid also \$750 as Secretary in Administration and in Connaught Laboratories).....	500.00
Lecturers (Sessional):	
R. C. Parker.....	250.00
R. Hare, without salary (paid in Department of Hygiene).....	.....
A. J. Bishop, Technician (paid also in Department of Hygiene).....	200.00
	\$ 50,952.38
Less charged to Special Grants.....	18,691.58
	<u>\$ 32,260.80</u>

Maintenance of Departments

(1) Administration:

Supplies, telephone service, etc. (\$737.86):

Association of Schools of Public Health, membership dues....	\$ 28.03
Bloor Press, report copies.....	104.76
Canadian Medical Association, advertising.....	91.80
Connaught Laboratories, books.....	24.34

Mimeograph Co. Ltd., paper.....	\$	33.93
Postage.....		30.00
University Press, printing, stationery.....		226.90
Accounts under \$10.00 (3).....		16.50
Sundry disbursements by department: postage, \$ 2.49;		
stationery, \$7.51.....		10.00
Superintendent's Dept., telephone.....		171.60
(2) Epidemiology and Biometrics:		
Supplies and Equipment (\$109.41):		
J. McDowell and Co., calculator inspections.....		14.00
Thos. Pocklington Ltd., charts.....		13.50
Postage.....		20.00
University Press, printing and stationery.....		47.59
Accounts under \$10.00 (2).....		14.32
(3) Physiological Hygiene:		
Apparatus and Supplies (\$2,368.53):		
Ace Glass Inc., fitter tubes.....		11.31
Aikenhead Hardware, pliers, calipers, etc.....		41.38
Bark and Mortimer, insurance on scientific equipment.....		30.00
Canadian Laboratory Supplies, chemicals.....		41.89
Central Scientific Co., chemicals.....		85.81
Dictaphone Equipment Co., ediphones.....		720.00
Dominion Bridge Co. Ltd., plate tank.....		247.42
Dominion of Canada General Insurance Co.....		26.25
Eastman Kodak Co., enlarger, chemicals.....		35.59
Eastman Photographic Stores, tanks, chemicals.....		13.57
T. Eaton Co., chair, towelling.....		19.34
Ellis and Howard Ltd., batteries, etc.....		16.91
Ferrier Wire Goods, screen.....		28.08
Ford Machinery Supply, spray.....		40.00
General Dry Batteries of Canada Ltd., battery.....		17.93
McCutcheons Camera Shop, lense.....		13.50
Mitchell and McGill, desk.....		117.50
Office Specialty Mfg. Co., cabinet.....		43.00
Powerlite Devices Ltd., meters.....		48.25
Postage.....		25.00
Remington-Rand Ltd., typewriter.....		155.93
Robbins and Townsend, overhauling typewriter.....		18.00
Dr. D. Y. Solandt, travelling expenses.....		75.00
Victor X-Ray Corp'n., repairs, electrodes.....		13.77
Wholesale Radio Co., batteries, tubes, etc.....		61.42
A. R. Williams Machinery Co., blower.....		81.65
University Press, printing and stationery.....		155.95
Accounts under \$10.00 (10).....		50.63
Sundry disbursements by department: stationery, \$2.30;		
hardware, \$47.24; supplies, \$15.45; sundries, \$11.78;		
postage, \$8.23.....		85.00
Superintendent's Dept., telephone, \$10.95; freight, \$9.40;		
labour, \$2.70; material, \$25.40.....		48.45
(4) Chemistry in Relation to Hygiene:		
Supplies and Equipment (\$277.48):		
Canadian Laboratory Supplies, pipettes, tablets, etc.....		239.53
Central Scientific Co., flasks.....		23.57
Accounts under \$10.00 (3).....		4.38
P. J. Moloney, sundry disbursements, supplies, \$3.64; post-		
age, \$5.61; stationery, .75.....		10.00
(5) Public Health Administration:		
Nothing spent.....		
(6) Nutrition:		
Supplies and Equipment (\$338.26):		
Office Specialty Mfg. Co., desk, chair, cabinet.....		143.00
Postage.....		10.00
John Wyeth and Bros., casein.....		125.00

University Press, printing and stationery.....	\$	49.80	
Accounts under \$10.00 (2).....		10.46	
(7) Virus Studies:			
Nothing spent.....			
	\$	3,831.54	
Less: Sale of typewriter to Robbins and Townsend.....		30.00	
			\$ 3,801.54
			<u>\$ 36,062.34</u>

VIII. FACULTY OF APPLIED SCIENCE

Salaries

Dean's Office

C. R. Young, Dean, Salary.....	\$	6,000.00	
Expenses.....		1,500.00	
			\$ 7,500.00

Applied Physics

K. B. Jackson, Associate Professor.....	\$	4,000.00	
V. L. Henderson, Assistant Professor (paid also \$150 in Civil Engineering: Municipal and Structural).....		2,400.00	
Lecturers (Sessional):			
L. E. Jones.....		2,200.00	
E. L. Dodington, (paid also \$525 in Special Research).....		1,800.00	
Demonstrators (Sessional):			
R. E. Scott.....		1,200.00	
H. W. Allan.....		1,100.00	
H. C. Jones (part-time).....		600.00	
D. J. McConnell, Mechanician (Sessional; paid also \$525 in Civil Engineering; Surveying and Geodesy and \$300 in Special Research).....		525.00	
Miss R. Cave, Office Assistant and Librarian (part-time; paid also \$625 in Civil Engineering; Surveying and Geodesy, and \$100 in Photographic Service).....		575.00	
			\$ 14,400.00

School of Architecture

Professors:

H. H. Madill, also Head of Department at \$4,700 (part-time).....	\$	2,200.00	
E. R. Arthur, Architectural Design (paid also \$50 for Extension Work).....		4,500.00	

Assistant Professors:

H. J. Burden, at \$3,200; on War Service; contribution to Teachers' Insurance and Annuity Association.....		160.08	
W. E. Carswell, Architectural Drawing.....		2,700.00	

A. P. C. Adamson, Lecturer (Sessional; part-time; paid also \$50 for Extension Work).....		1,550.00	
---	--	----------	--

Special Lecturers (Sessional):

N. D. Wilson, Town Planning (paid also \$50 for Extension Work).....		450.00	
Peter Brieger, Fine Art (paid also \$3,100 in Arts).....		300.00	
W. S. Wilson, Architectural Economics (paid also \$3,800 as Assistant Dean and Secretary).....		250.00	
A. S. Mathers.....		200.00	
H. B. Dunington-Grubb, Landscape Architecture.....		100.00	
F. Coates, Instructor in Modelling (Sessional).....		950.00	
J. A. Murray, Special Instructor in Architectural Design (Sessional).....		900.00	
Miss J. C. Laing, Librarian and Instructor, Architectural History and French.....		1,900.00	
T. H. Laccohee, Attendant in Drafting Room (Sessional).....		800.00	
Miss E. W. Dyer, Office Assistant (paid also \$400 in Engineering Drawing).....		575.00	
			\$ 17,535.08

Chemical Engineering and Applied Chemistry

Professors:

J. W. Bain, Chemical Engineering (paid also \$10 for Extension Work)	\$ 5,700.00
M. C. Boswell, Organic Chemistry	4,900.00
E. A. Smith, Industrial Chemistry	4,000.00
R. R. McLaughlin	4,000.00

Assistant Professors:

J. G. Breckenridge	2,500.00
W. C. Macdonald	2,500.00
A. M. FitzGerald, Lecturer (Sessional)	1,950.00
T. Linsey Crossley, Special Lecturer in Pulp and Paper (Sessional)	200.00

Instructors (Sessional):

L. J. Rubin	1,700.00
E. T. Williams (paid also \$787.83 in Special Research and \$200 for Extension Work)	1,700.00
M. Adelman	1,600.00
W. G. MacElhinney (paid also \$787.83 in Special Research)	1,600.00

Demonstrators (Sessional):

W. F. Graydon	1,300.00
Mrs. Hilda Hampson	1,175.00
C. E. Drover	1,125.00
G. L. Milligan	1,100.00
C. M. Humber	1,000.00
F. A. DeMarco	1,000.00
F. Kubath	950.00
A. L. Tosoni	950.00
F. A. McPhee	925.00
C. Potter (paid also \$350 in Special Research)	925.00
Miss A. Rushbrook (part-time)	507.86
L. H. Dakin, half-time at \$450; resigned October 5	45.00
A. S. Hunt, Lecture Assistant and Glass-Blower	1,800.00

Lecture Assistants:

Ross Mowat, at \$950; on War Service	420.00
Peter Dawson, 5½ months	420.00
W. T. Storton, Laboratory Assistant, at \$1,500 and \$5 for extra service	1,505.00

Laboratory Attendants at \$18 per week:

John Martin	972.00
D. Mitchell, 42 weeks, 5 days	776.00
A. Record, 41 weeks, 5 days	753.00
T. Gallienne, 39 weeks, 2 days	714.50
D. Munro, 35 weeks, 2 days	641.00
J. Embury, 2 weeks, 2½ days	43.50
Miss D. Birkett, Office Assistant and Librarian (paid also \$200 in Secretary's Office)	1,100.00

\$ 52,082.86

Civil Engineering: Municipal and Structural

T. R. Loudon, Professor of Civil Engineering and Aeronautics; on War Service at \$5,000 in July; at \$5,300 from August 1	\$ 4,875.00
---	-------------

Associate Professors:

E. F. Morrison	3,200.00
Robert F. Legget (paid also \$50 for Extension Work)	3,200.00

Assistant Professors:

W. L. Sagar, at \$2,700; on War Service; contribution to Teachers' Insurance and Annuity Association	135.00
M. J. C. Lazier, at \$2,650; on leave of absence without salary	2,700.00
M. W. Huggins	2,700.00

Lecturers (Sessional):

C. E. Helwig	2,300.00
B. Etkin	1,900.00

Special Lecturers (Sessional):

A. E. Berry, Municipal Engineering (paid also \$500 in School of Hygiene).....	\$ 1,000.00
W. H. M. Laughlin.....	300.00
V. L. Henderson (paid also \$2,400 in Applied Physics).....	150.00

Demonstrators (Sessional):

S. H. de Jong.....	1,400.00
J. O. Gorman.....	1,200.00
R. G. Wykes (part-time).....	175.00
W. Kubbinga, Mechanician.....	2,000.00
J. Brown, Laboratory Assistant (Sessional) Ob. April 22; balance of salary paid to Widow.....	1,100.00
Mrs. Marion Salt, Office Assistant and Librarian (paid also \$550 in Electrical Engineering).....	550.00
Miss E. Anthony, Stenographer and Assistant Librarian, 17½ weeks at \$20 per week.....	350.00
Miss J. G. Maxwell, Office Assistant and Assistant Librarian, 5 weeks at \$25 per week.....	125.00
	<hr/>
	\$ 26,660.00

Civil Engineering: Surveying and Geodesy

Professors:

W. M. Treadgold, also Head of Department.....	\$ 5,200.00
S. R. Crerar.....	4,500.00

Associate Professors:

E. W. Banting.....	4,400.00
J. W. Melson.....	4,100.00

Instructors (part-time; Sessional):

T. L. Rowe (paid also \$200 in Engineering Drawing and \$627.50 in Special Research).....	1,850.00
J. M. Gibson.....	250.00
A. F. Fassel, Demonstrator (Sessional; part-time).....	200.00
Miss R. Cave, Office Assistant and Librarian (paid also \$575 in Applied Physics and \$100 in Photographic Service).....	625.00
D. J. McConnell, Mechanician (Sessional; paid also \$525 in Applied Physics and \$300 in Special Research).....	525.00
	<hr/>
	\$ 21,650.00

Electrical Engineering

Professors:

H. W. Price, also Head of Department.....	\$ 5,500.00
A. R. Zimmer.....	4,400.00

Associate Professors:

V. G. Smith (paid also \$200 for Extension Work).....	3,800.00
B. de F. Bayly at \$3,400; on War Service; contribution to Teachers' Insurance and Annuity Association.....	170.04

Assistant Professors:

D. N. Cass-Beggs.....	3,000.00
J. E. Reid.....	2,800.00
R. J. Brown.....	2,700.00

Lecturers (Sessional):

R. G. Anthes.....	2,500.00
L. S. Lauchland at \$1,800 on War Service; contribution to Teachers' Insurance and Annuity Association.....	90.00
K. H. Rapsey, Special Lecturer (Sessional; part-time).....	800.00

Demonstrators (Sessional):

H. A. Courtice.....	1,400.00
R. C. Henderson.....	1,200.00
W. L. Phoenix.....	1,200.00
P. A. Rickard.....	1,200.00
R. Scott.....	1,200.00
E. F. Buckley.....	1,100.00
J. M. Ham (paid also \$200 for Extension Work).....	1,100.00
W. E. Hodges.....	1,100.00
P. Humenuik.....	1,100.00
N. E. Nylin.....	1,100.00

Readers (Easter Term):

J. K. Allen	\$ 150.00	
A. J. Dinnin	125.00	
J. W. Lawson, Mechanician at \$2,000; retired on Pension from October 1, 1943	500.00	
W. R. McKee, Electrician	2,300.00	
W. L. Bakewell, Assistant Electrician	1,600.00	
Mrs. Marion Salt, Office Assistant and Librarian (paid also \$550 in Civil Engineering; Municipal and Structural)	550.00	
Andrew Cunningham, Shop Assistant (43 weeks, 4 days at \$20 per week)	873.34	
W. G. Robinson, Mechanician (22 weeks at \$35 per week)	770.00	
		\$ 44,328.38

Engineering Drawing

Professors:

J. R. Cockburn, Descriptive Geometry	\$ 5,000.00
W. J. T. Wright	4,700.00

Associate Professors:

A. Wardell	3,200.00
W. B. Dunbar	3,100.00
P. V. Jermy, Assistant Professor	2,600.00
J. J. Spence, Lecturer (Sessional)	2,400.00

Instructors (Sessional):

G. R. Edwards	1,700.00
D. P. Scott	1,500.00
H. E. Occomore	1,300.00
W. S. Glynn	1,300.00
T. L. Rowe (paid also \$1,850 in Civil Engineering; Surveying and Geodesy and \$627.50 in Special Research)	200.00

Demonstrators (Sessional):

F. E. Deloume	1,300.00
J. Gurland (part-time)	500.00
H. J. Franklin (part-time)	500.00
V. M. Wallingford (part-time)	350.00

Temporary Assistants:

J. D. Grant (paid also \$500 in English)	150.00	
C. L. Lambertson	75.00	
G. Brown, Attendant in Drafting Rooms (Sessional)	1,100.00	
Miss E. W. Dyer, Office Assistant (paid also \$575 in School of Archi- tecture)	400.00	
		\$ 31,750.00

Mechanical Engineering

Professors:

R. W. Angus	\$ 6,000.00
E. A. Allcut	4,800.00
W. G. McIntosh, Associate Professor	3,600.00

Assistant Professors:

G. R. Lord	3,200.00
R. C. Wiren	2,900.00
D. D. Panabaker (paid also \$370 for Extension Work)	2,700.00
I. W. Smith	2,300.00

Instructors (Sessional):

D. J. Parrish	1,500.00
W. A. Wallace	1,500.00
R. T. Waines	1,500.00
W. Bruce	1,400.00

Demonstrators (Sessional):

J. A. Carter	1,300.00
D. G. Huber	1,200.00
M. A. Capper	1,200.00
R. R. Service	1,200.00
R. A. Walker	1,200.00

F. Hickey, Engineer and Machinist.....	\$ 2,100.00
John Price, Laboratory Attendant.....	1,200.00
Walter Butler, Fireman (1909½ hours at \$.60 per hour).....	1,145.70
Miss M. Burt, Office Assistant and Librarian.....	1,200.00
	<hr/>
	\$ 43,145.70

Metallurgical Engineering

Professors:	
G. A. Guess, at \$5,700; retired October 6.....	\$ 1,517.00
L. M. Pidgeon, also Head of Department, at \$5,000 from October 1.....	3,750.00
J. A. Newcombe (paid also \$370 for Extension Work).....	4,200.00
R. J. Montgomery, Associate Professor.....	3,800.00
J. E. Toomer, Assistant Professor.....	3,550.00
A. Frumkin, Lecturer (Sessional).....	2,000.00
Hector Ross, Laboratory Assistant and Demonstrator (paid also \$40 for Extension Work).....	1,100.00
H. G. Morris, Laboratory Attendant, 31 weeks at \$18.75 per week.....	581.25
Miss I. Warnock, Secretary and Librarian at \$1,000 from October 25.....	685.50
Miss M. P. Carter, Office Assistant and Stenographer (paid also \$700 in Secretary's Office).....	300.00
	<hr/>
	\$ 21,483.75

Mining Engineering

Professors:	
C. G. Williams, Head of Department.....	\$ 6,000.00
J. T. King.....	4,500.00
S. E. Wolfe, Assistant Professor.....	3,400.00
Instructors (Sessional):	
S. G. Farrar.....	1,700.00
L. Pancer.....	1,400.00
F. M. Aimone, Demonstrator (Sessional).....	1,200.00
E. Tozer, Laboratory Assistant and Mechanician.....	1,500.00
C. Waybrant, Laboratory Assistant, Assaying.....	1,300.00
H. J. Reilly, Assistant Mechanician, 26 weeks, at \$30; Ob. April 3.....	780.00
Daniel Santimo, Laboratory Attendant.....	1,046.68
Mrs. Thelma I. Stark, Office Assistant and Librarian.....	1,150.00
	<hr/>
	\$ 23,976.68

Special Lectures

Special Lecturers (Sessional):	
G. A. McMullen, Public Speaking (paid also \$200 in Dentistry and \$200 for Extension Work).....	\$ 450.00
P. H. Mills, Engineering Law.....	400.00
R. R. Grant, Accountancy and Business.....	300.00
	<hr/>
	\$ 1,150.00

Secretary's Office

W. S. Wilson, Assistant Dean and Secretary (paid also \$250 in School of Architecture).....	\$ 3,800.00
Miss E. Birkett, Assistant Secretary.....	2,000.00
Miss E. Singleton, Assistant.....	1,150.00
Stenographers:	
Miss G. E. Simpson.....	1,050.00
Miss A. M. Schofield, at \$950 from October 1.....	712.50
Miss M. P. Carter (paid also \$300 in Metallurgical Engineering).....	700.00
Miss D. Birkett (paid also \$1,100 in Chemical Engineering).....	200.00
Arthur Dykeman, Office Attendant at \$800; on War Service; contribution to Pension Fund.....	28.00
Office Attendants:	
Robert Dunbar, 52 weeks, 2 days at \$14 per week.....	567.00
George Brown, 8 weeks, 5 days at \$14 per week.....	123.66
	<hr/>
	\$ 10,331.16
	<hr/>
	\$315,618.61

Maintenance of Departments

Applied Physics

Supplies (\$577.34):

Aikenhead Hardware Co., hardware	\$	50.09
Charles Balmer and Co., plaster slab		14.00
W. E. Booth Co., plates		38.23
Canadian General Electric Co., phototubes, book		13.81
Walter A. Carveth and Co., repairs		15.00
Copper Wire Products Ltd., transformers		40.50
R. G. Dalton Co., prints		15.85
D. Gestetner Ltd., pen, ink, stencils		34.80
Geo. Gorton Machine Co., cutters		26.23
Photographic Service, slides, negatives, chemicals		38.49
University of Toronto Engineering Society, pads, pencils		24.55
University Press, printing and stationery		69.27
Accounts under \$10.00 (21)		109.62
Sundry disbursements by department: postage, \$5.85; supplies, \$3.55; stationery, \$1.60		10.00
Superintendent's Dept., freight, \$6.49; labour, \$18.64; material, \$51.77		76.90

Apparatus (\$1,163.13):

Alpha Aracon Radio Co., transformers, etc.		14.38
Canadian Fairbanks Morse Co., dressing nib		10.75
Canadian General Electric Co., fixtures, etc.		93.80
Walter A. Carveth and Co., illuminator, objective		72.00
Central Scientific Co., camera, lens		451.40
R. H. Chappell, tubes, lamp		32.00
T. Eaton Co., cotton, records		10.20
Robert English, oscillator, transformer		28.00
Ferranti Electric Ltd., transformer		23.92
Office Specialty Mfg. Co., stationery		52.60
Ryerson Film Service, cloth		20.00
Wagner Electric Service, motor		27.50
Wholesale Radio Co., sockets, plugs, etc.		13.50
Accounts under \$10.00 (10)		48.23
Superintendent's Dept., labour, \$134.56; material, \$130.29		264.85

\$ 1,740.47

Less credits: Laboratory deposits 106.80

\$ 1,633.67

School of Architecture

Supplies (\$543.16):

Beaux Arts Institute of Design, programme	\$	55.78
R. G. Dalton Co., prints		11.78
Hewitt Transport and Livery, cartage		25.00
Photographic Service, postage, slides, prints		111.72
Postage		24.00
Rainbow Lantern Slide Co., slides		17.20
Reeves Sons (Canada) drawing board		37.80
Robbins and Townsend, typewriter service, etc.		10.80
Urban Land Institute, dues		11.28
University of Toronto Engineering Society, ink, paper, etc.		10.05
University Press, printing and stationery		60.04
Accounts under \$10.00 (17)		68.10
Sundry disbursements by department: hardware, \$4.69; telegrams, telephone, carfare, \$11.16; express, \$1.79		17.64
Superintendent's Dept., freight, \$18.53; labour, \$14.87; material \$48.57		81.97

Apparatus (including books) (\$111.07):

Grand and Toy Ltd., cases		34.50
Geo. M. Hendry Co., blackboards		15.25
University Press, printing and stationery		17.78
Accounts under \$10.00 (5)		18.54
Superintendent's Dept., material		25.00

Models for Life Classes:

H. H. Madill, reimbursement for payments made		14.00
---	--	-------

Staff Expenses—outdoor sketching (including travelling and meals):

H. H. Madill, expenses for members of staff		108.20
---	--	--------

\$ 776.43

Chemical Engineering and Applied Chemistry

Supplies (\$10,458.23):

Ace Glass Inc., thermometers.....	\$	11.74
Armstrong Cork and Insulation Co., corks.....		121.55
British Drug Houses (Canada), chemicals.....		256.42
Callow Bros., staples.....		22.75
Canadian Industries Ltd., chemicals.....		49.80
Canadian Laboratory Supplies, glassware, chemicals, etc.....		2,906.59
Canadian Liquid Air Co., acetylene, etc.....		146.25
Central Scientific Co., glassware.....		3,103.15
Consumers Glass Co., caps.....		15.16
Dodex Book Co., chart.....		16.46
Dominion Oxygen Co., oxygen, hydrogen.....		43.08
T. Eaton Co. Ltd., pots, stools.....		58.54
Fairmont Co. Ltd., latex crepe.....		16.38
Fisher Scientific Co., flasks, bottles.....		174.08
Frigidaire Products of Canada, valve.....		36.42
W. J. Gage and Co. Ltd., note books.....		44.55
Holliday Flint Glass Works, test tubes.....		42.50
Kelvinator of Canada, repairs.....		10.84
Lake Simcoe Ice and Fuel, ice.....		31.85
Liquid Carbonic Canadian Corporation, gas.....		57.35
Merck and Co., chemicals.....		425.03
Photographic Service, slides.....		55.41
Postage.....		40.00
Sherwin-Williams Co., paint, oil.....		63.14
Standard Chemical Co., chemicals.....		15.50
Textile Products Co., towels.....		58.65
University of Toronto Engineering Society, laboratory coats.....		22.00
University Press, printing and stationery.....		292.45
Accounts under \$10.00 (13).....		55.44
Sundry disbursements by department: hardware, \$4.74; sup- plies, \$10.47; sundries, \$4.51.....		19.72
Superintendent's Dept., sundries, \$2.63; freight, \$49.77; labour, \$995.38; material, \$1,197.65.....		2,245.43

Apparatus (\$1,611.89):

American Instrument Co., pump.....		161.26
Canadian Laboratory Supplies, glassware, chemicals, etc.....		341.51
Central Scientific Co., meters, lamps, filter.....		682.43
Paul Chaput Ltd., speaker, master-station.....		144.00
Coulter Manufacturing Co., microscope.....		120.00
Leeds and Northrup Co., pyrometer.....		162.69
		<hr/>
		\$ 12,070.12
Less credits: Laboratory deposits.....	\$	2,212.35
Sale of material.....		7.42
		<hr/>
		2,219.77
		<hr/>
		\$ 9,850.35

Civil Engineering: Municipal and Structural

Supplies (\$905.21):

Aikenhead Hardware Co., hardware.....	\$	72.07
Baines and David Ltd., steel.....		27.77
Canadian Laboratory Supplies, brushes.....		28.43
Castset Bits Ltd., bits, etc.....		17.00
D. Gestetner Ltd., stencils, ink.....		16.88
Grand and Toy Ltd., desk.....		45.00
McBain Foundry, castings.....		79.87
Ottawa Silica Co., sand.....		21.92
Photographic Service, prints, slides, etc.....		46.51
Postage.....		49.25
Robbins and Townsend, typewriter service, ribbons.....		29.20
University Press, printing and stationery.....		156.13
Accounts under \$10.00 (10).....		38.61
Superintendent's Dept., telephone, \$.86; freight, \$38.20; labour, \$51.15; material, \$186.36.....		276.57

Apparatus (\$363.15):

Peacock Bros. Ltd., cement, wire.....		49.65
Robbins and Townsend, rebuilt typewriter.....		104.50

Sutton Horsley Co., micrometer	\$	24.00	
Superintendent's Dept., labour, \$110.94; material, \$74.06		185.00	
	\$	1,268.36	
Less credits: Laboratory deposits		10.30	
			\$ 1,258.06

Civil Engineering: Surveying and Geodesy

Supplies (\$566.94):

Aikenhead Hardware Ltd., tapes, files	\$	65.47	
Art Metropole, curves, scales, paper		217.53	
Dean Brothers, castings		11.60	
A. F. Fassel, drawings for student notes		40.00	
D. Gestetner Ltd., paper		26.15	
Photographic Service, prints, slides		14.65	
University Press, printing and stationery		63.43	
Accounts under \$10.00 (5)		36.02	
Sundry disbursements by department: stationery, \$1.05; hardware, \$7.83; supplies, \$1.07; postage, \$5.05		15.00	
Superintendent's Dept., labour, \$52.44; material, \$24.65		77.09	

Summer Survey Camp:

Repairs, renewals, travelling expenses and general maintenance (\$2,491.49):

Britnell's Bakery, bread		51.80	
Harry Easton, meat		64.98	
T. Eaton Co., china, cutlery, etc.		128.01	
Fenelon Products Co., fruits and vegetables		146.90	
Hewitt Transport, cartage		119.05	
Thos. Hoskins, vegetables		16.25	
Hector Hughes, lumber		70.16	
Hydro-Electric Power Commission of Ontario, service		69.16	
M. Langmuir Mfg. Co., drawing boards		79.92	
Minden Lumber and Building Supplies, wood		51.69	
Mrs. J. E. Minto, milk, etc.		48.30	
National Grocers, provisions		402.28	
L. A. Pritchard, wiring		14.95	
Geo. H. Sears, suction fan		15.00	
Swift Canadian Co., meat and dairy products		451.96	
Mrs. C. Turnbull, milk		228.60	
University of Toronto Engineering Society, paper, pencils, erasers, etc.		64.67	
S. W. Welch, provisions		225.90	
Accounts under \$10.00 (4)		19.68	
Superintendent's Dept., labour, \$1.01; material, \$221.22		222.23	

Payments to Help (\$1,239.43):

J. E. Minto, caretaker, \$240.00; labour, \$235.00; road clearing, \$68.50; ice and sawdust, \$50.00; wood, \$95.50		689.00	
Mrs. J. E. Minto, cook		458.00	
R. A. Minto, labour		92.43	

Staff Expenses (\$414.64):

E. W. Banting, living expenses, \$67.50; travelling expenses, \$20.00		87.50	
S. R. Crerar, living expenses, \$32.50; travelling expenses, \$20.00		52.50	
J. W. Melson, living expenses, \$67.50; travelling expenses, \$20.00		87.50	
T. L. Rowe, living expenses, \$67.50; travelling expenses, \$20.00		87.50	
W. M. Treadgold, living expenses, \$67.50; travelling expenses, \$26.00; telephone calls, \$4.12; postage, \$2.02		99.64	

\$ 4,712.50

Less credits: Board received from students	\$	2,622.50	
Laboratory deposits		436.20	

3,058.70

\$ 1,653.80

Electrical Engineering

Light	\$	240.79	
-------------	----	--------	--

Supplies (\$1,673.32):

Aikenhead Hardware Ltd., hardware		17.37	
Belden Manufacturing Co., terminals		41.96	

Burlec Ltd., circuit breakers	\$	164.61	
Canada Wire and Cable Co., wire		71.68	
Canadian General Electric Co., cylinders, lamps, etc.....		33.34	
Canadian Industries Ltd., chemicals.....		24.14	
Canadian Laboratory Supplies, chemicals.....		11.27	
Central Scientific Co., meter sticks, etc.....		21.60	
Driver-Harris Co., wire.....		28.56	
T. Eaton Co., ammonia.....		18.69	
Electric Insulation and Fibre Co., resinoid.....		25.63	
General Dry Batteries of Canada, batteries		61.69	
General Radio Co., dials, plugs, etc.....		155.38	
J. W. Lawson, dies.....		15.00	
Morrow Screw and Nut Co., nuts		32.67	
Murdock Duplicator and Stationery, stationery		79.95	
Photographic Service, prints, slides, etc.....		20.00	
Postage.....		14.90	
Thermos Bottle Co., filters.....		13.67	
Toronto Jewellers Supply, cutters		21.90	
Weston Electrical Instrument Co., springs, coils, etc.....		134.36	
Wholesale Radio Co., radio, equipment.....		177.01	
University Press, printing, stationery.....		138.81	
Accounts under \$10.00 (13).....		61.81	
Sundry disbursements by department: stationery, \$3.25; hard- ware, \$21.11; supplies, \$1.38; sundries, \$3.65		29.39	
Superintendent's Dept., telephone, \$13.23; freight, \$61.22; labour, \$99.58; material, \$83.90.....		257.93	
Apparatus (\$210.70):			
Burlec Ltd., tube		54.75	
Hardwick, Hindle Inc., rheostats		100.18	
University Press, printing and stationery		4.30	
Weston Electric Instrument Co., measuring instrument		51.47	
Furniture, printing and incidentals:			
University Press, printing and stationery		19.82	
	\$	2,144.63	
Less credits: Light charged to Central Power Plant	\$	240.79	
Laboratory deposits		111.00	
		351.79	
	\$	1,792.84	
Engineering Drawing			
Supplies (\$214.00):			
University Press, printing and stationery.....	\$	79.08	
Accounts under \$10.00 (9).....		33.69	
Superintendent's Dept., freight, \$.71; labour, \$75.81; material, \$24.71		101.23	
Apparatus (\$404.70):			
British Xylonite Co., bextoid.....		7.60	
University of Toronto Engineering Society, drawing boards.....		100.00	
Superintendent's Dept., labour, \$197.42; material, \$99.68.....		297.10	
Printing Instruction Sheets (\$134.93):			
D. Gestetner, ink, paper, stencils		125.20	
University Press, printing and stationery.....		9.73	
	\$	753.63	
Less credits: Laboratory deposits.....		33.40	
	\$	720.23	
Mechanical Engineering			
Supplies (\$839.09):			
Aikenhead Hardware Ltd., hardware.....	\$	98.40	
Dearborn Chemical Co., treatment.....		33.07	
Garlock Packing Co., coil, valves.....		57.65	
Imperial Oil Co. Ltd., gasoline, oil.....		80.74	
Arthur S. Leitch Co., indicators		95.65	
McCall Frontenac Oil Co., oil and grease.....		49.78	
Monarch Belting Co., belting, etc		31.88	
Postage		32.00	

Scythes and Co., waste.....	\$	17.60	
Accounts under \$10.00 (2).....		7.19	
Sundry disbursements by department: stationery, \$4.10; hardware, \$3.80; supplies, \$3.13; sundries, \$3.30; postage, \$.67 ..		15.00	
Superintendent's Dept., labour, \$52.74; material, \$267.39 ..		320.13	
Apparatus—Thermodynamics (\$902.41):			
Atlas Polar Co. Ltd., bouncing pin		85.80	
Babcox-Wilcox and Goldie-McCulloch, gauges and washers.....		60.05	
Canadian Fairbanks-Morse Co., scale.....		50.04	
Leyland Motors, pipe, etc.....		2.22	
W. R. McKee, repairs		16.55	
Storey Pump and Equipment Co., boiler, etc.....		422.29	
Sutton Horsley Co. Ltd., millivoltmeter		39.00	
Taylor Instrument Co., thermometers		81.36	
Weston Electrical Instrument Corp., voltmeter		59.31	
Accounts under \$10.00 (2).....		12.58	
Superintendent's Dept., freight, \$7.11; labour, \$17.84; material, \$27.26		52.21	
Apparatus—Hydraulics (\$247.10):			
Jas. Morrison Brass Co., jet pumps		13.96	
Toronto Iron Works Ltd., tanks.....		91.56	
Worr Foundry Co. Ltd., grate bars		95.83	
Accounts under \$10.00 (2).....		15.18	
Superintendent's Dept., labour		30.57	
Apparatus, Machine Design (\$179.58):			
Hamilton Gear and Machine Co., reducer		63.00	
University of Toronto Engineering Society, drawing boards		90.00	
Superintendent's Dept., freight, \$5.03; labour, \$14.22; material, \$7.33		26.58	
Proportion of Fuel (Experimental Plant):			
Great Lakes Coal Co. Ltd		1,128.62	
Furniture, printing and incidentals (\$324.75):			
Photographic Service, prints, photostats		41.88	
University Press, printing and stationery		179.42	
Superintendent's Dept., labour, \$92.87; material, \$10.58		103.45	
			\$ 3,621.55
Less credits: Laboratory deposits.....	\$	17.70	
Sale of material.....		126.43	
			144.13
			\$ 3,477.42

Metallurgical Engineering (including Ceramics)

Supplies (\$937.09):

Aikenhead Hardware Ltd., hardware.....	\$	209.38
Atlas Steels Ltd., steel		15.10
Canadian Fairbanks-Morse Co., alumina, brick		37.77
Canadian Laboratory Supplies, chemicals, glassware.....		80.29
Canadian Liquid Air Co., oxygen.....		24.86
Central Scientific Co., glassware		77.89
Eastman Photographic Stores, plates, film.....		89.32
Fischer Scientific Co., paper.....		22.93
Grand and Toy Ltd., cushion, cabinet		23.50
Imperial Refining and Smelting Co., graphite crucibles.....		27.72
W. H. Kubbinga, machining.....		15.45
Postage		29.00
University Press, printing and stationery.....		82.03
Accounts under \$10.00 (16)		73.71
Sundry disbursements by department: postage, \$2.40; supplies, \$7.60		10.00
Superintendent's Dept., freight, \$22.22; labour, \$25.05; material, \$70.87.....		118.14

Alterations (\$9,845.19):

Aikenhead Hardware Ltd., hardware.....	69.95
Art Metropole, microscope.....	150.00

Bausch and Lomb Optical Co. Ltd., microscope.....	\$	40.75	
Bavington Bros., printing.....		432.00	
Canadian Fairbanks-Morse Co., machine parts, drill.....		714.75	
Canadian Laboratory Supplies Ltd., barometer, voltmeter, chemicals.....		746.02	
Canadian Liquid Air Co., nitrogen.....		27.77	
Central Scientific Co. of Canada, Ltd., pump.....		86.24	
Denver Fire Clay Co., clay shelf supporters.....		496.21	
Instruments Ltd., drafting table and machine.....		141.97	
Keyes Supply Co. Ltd., converter.....		95.00	
Leeds and Northrup Co., pyrometers.....		565.59	
Mollenhauer Contracting Co., concrete floor.....		644.00	
Sutton-Horsley Co. Ltd., millivoltmeters.....		78.00	
Williams and Wilson Ltd., globular brick.....		38.58	
Accounts under \$10.00 (2).....		11.52	
Superintendent's Dept., freight, \$188.76; labour, \$3,390.76; material, \$1,927.32.....		5,506.84	
Apparatus (\$713.66):			
Aikenhead Hardware Ltd., hardware.....		129.11	
Canadian Laboratory Supplies, pump.....		28.03	
Central Scientific Co., supplies.....		11.27	
Ferranti Electric Ltd., coils, etc.....		97.22	
Grand and Toy Ltd., desk and chair.....		87.25	
G. A. Guess, desk.....		10.00	
Office Specialty Mfg. Co., cabinet, desks.....		151.00	
Thomas and Corney, typewriter.....		165.00	
Superintendent's Dept., freight, \$.11; labour, \$26.12; material, \$8.55.....		34.78	
			\$ 11,495.94

Mining Engineering

Supplies (\$1,662.57):

Canadian Laboratory Supplies Ltd., glassware.....	\$	48.86	
Canadian Mining and Metallurgical Bulletin.....		24.80	
Central Scientific Co., chemicals, glassware.....		122.12	
Denver Fire Clay Co., lead.....		252.68	
T. Eaton Co., rolling pin, oilcloth.....		26.54	
Grand and Toy Ltd., refills, covers.....		19.65	
Gutta Percha and Rubber Ltd., belts.....		11.00	
Heusser Instrument Mfg. Co., balance pans.....		15.87	
Mine and Smelter Supply Co., discs.....		18.04	
Postage.....		40.00	
Railway and Power Engineering Corp'n., drums of adamant.....		10.80	
Sturtevant Mill Co., plates.....		31.80	
Thompson Balance Co., weights.....		12.83	
University of Toronto Engineering Society, refills, reprints.....		11.54	
Van Camp Products, soda ash.....		10.50	
University Press, printing and stationery.....		458.12	
Accounts under \$10.00 (9).....		44.41	
Sundry disbursements by department.....		5.42	
Superintendent's Dept., telephone, \$10.77; freight, \$83.17; labour, \$87.16; material, \$316.49.....		497.59	

Apparatus (\$123.90):

Eastman Photographic Stores, film.....		106.75	
Superintendent's Dept., labour, \$14.43; material, \$2.72.....		17.15	

\$ 1,786.47

Less credits: Laboratory deposits..... 83.20

\$ 1,703.27

General Expenses

Stationery, printing calendar, office supplies and incidentals (\$2,448.40):

Canadian National Telegraphs.....	\$	13.39	
D. Gestetner Ltd., stencils, etc.....		13.50	
Photographic Service, prints.....		53.33	
Postage.....		392.25	
Robbins and Townsend, typewriter service, ribbons.....		18.00	
Society for Promotion of Engineering Education, dues.....		16.83	

University of Toronto Alumni Federation, postage re graduates..	\$ 60.22
University Press, printing and stationery.....	1,818.99
Accounts under \$10.00 (4).....	20.28
Sundry disbursements by department.....	8.22
Superintendent's Dept., telephone, \$18.51; labour, \$13.63; material, \$1.25.....	33.39
Messenger Service and Clerical Assistance (\$117.50):	
Mrs. E. Cox, wages, 6½ weeks.....	100.00
Miss H. M. McLeod, wages, 3½ days.....	17.50
Furniture, fixtures, books, etc. (\$187.45):	
Grand and Toy Ltd., desk, cabinet.....	139.00
Might Directories Ltd., directory.....	43.20
University Press, almanac.....	5.25
	<hr/>
	\$ 2,753.35
Less credits: Laboratory deposits.....	19.65
	<hr/>
	\$ 2,733.70

Photographic Service

Salaries (\$6,594.13):

Professor G. R. Anderson, Manager, without remuneration.....	
C. Crowther, Chief Photographer.....	\$ 1,450.00
Mrs. Muriel Milne, First Assistant Photographer.....	1,200.00
Second Assistant Photographer:	
Frank Stark, at \$1,150; on War Service from June, 1943.....	124.80
Mrs. Mary Field, at \$18 per week from October 18.....	663.00
Photographic Assistants:	
John Kittega, at \$15 per week from September 13.....	627.50
Mrs. Margaret Todd, 3 mos. at \$900; 3 mos. at \$12 per week; resigned December 31.....	408.00
Miss E. Andrus, at \$15 per week from January 1.....	387.50
George Carter, at \$850; resigned October 31.....	283.33
Mrs. R. E. Morley, Secretary.....	1,350.00
Miss R. Cave, Office Assistant (Part-time; paid also \$625 in Civil Engineering; Surveying and Geodesy and \$100 in Applied Physics).....	100.00

Expenses:

Supplies (\$1,219.21):

Eastman Photographic Stores, film, plates, chemicals.....	649.67
Gevaert Co. of Canada, hypo.....	11.00
Instruments Ltd., paper, blueprints.....	57.42
Rectigraph Co., paper.....	357.35
University Press, printing, stationery.....	65.34
Accounts under \$10.00 (8).....	36.70
Superintendent's Dept., freight, \$.95; labour, \$23.15; material, \$17.63.....	41.73

Apparatus (\$270.38):

Eastman Photographic Stores, film.....	260.00
Masco Co. Ltd., hotplate.....	10.38

 \$ 8,083.72

Electrical Building (including Mechanical Building and Wind Tunnel)

Heat and Light.....	\$ 5,601.50
Gas, \$66.25; water, \$512.20.....	578.45
Caretaker's Supplies:	
Superintendent's Dept.....	174.29
Cleaning (\$2,307.95):	
Allen Manufacturing Co., laundry.....	24.60
New York Window Cleaning Co.....	31.00
Superintendent's Dept., labour.....	2,252.35

Repairs and Renewals (\$2,122.22):

Bavington Bros., painting.....	\$ 487.00	
Brooks Marble and Tile Co., replacing treads.....	36.75	
City Treasurer, elevator licenses.....	10.00	
R. J. Johnston, repairing chairs.....	11.20	
Superintendent's Dept., labour, \$1,084.16; material, \$493.11.....	1,577.27	
Caretaker, E. W. Dean, 12 months.....	1,450.00	
	<u>\$ 12,234.41</u>	
Less: Heat and Light charged to Central Power Plant.....	\$ 5,601.50	
Cleaning, caretaker's supplies, etc.....	342.05	
	<u>5,943.55</u>	\$ 6,290.86

Engineering Building

Heat and Light.....	\$ 4,015.72	
Gas, \$17.55; water, \$185.01.....	202.56	
Caretaker's Supplies:		
Superintendent's Dept., material.....	418.82	
Cleaning (\$3,077.65):		
C. Crowther, overtime.....	12.00	
Mrs. C. Leslie, overtime.....	48.50	
New York Window Cleaning Co.....	52.50	
Accounts under \$10.00 (2).....	15.92	
Superintendent's Dept., labour.....	2,948.73	
Repairs and Renewals (\$2,504.07):		
Wm. Bartlett and Son, repairs.....	38.91	
T. Eaton Co., divan cushion.....	17.32	
R. J. Johnston, repairing chairs.....	20.80	
Superintendent's Dept., labour, \$1,802.46; material, \$624.58.....	2,427.04	
Caretaker: Frank Baker, 6 months.....	775.00	
	<u>\$ 10,993.82</u>	
Less: Heat and Light charged to Central Power Plant.....	\$ 4,015.72	
Sundry credits for cleaning.....	981.24	
	<u>4,996.96</u>	\$ 5,996.86

Geodetic Observatory Building

Heat and Light.....	\$ 227.01	
Water.....	19.80	
Caretaker's Supplies:		
Superintendent's Dept., material.....	24.64	
Cleaning (\$197.00):		
A. G. Keel, overtime.....	32.00	
Superintendent's Dept., labour.....	165.00	
Repairs and Renewals:		
Superintendent's Dept., labour \$240.34; material, \$23.33.....	263.67	
	<u>\$ 732.12</u>	
Less: Heat and Light charged to Central Power Plant.....	227.01	
	<u>\$ 505.11</u>	

Mining Building (including Mill Building)

Heat and Light.....	\$ 10,302.33	
Gas, \$651.27; electric current, \$63.51; water, \$361.24.....	1,076.02	
Caretaker's Supplies:		
Superintendent's Dept., material.....	274.07	
Cleaning (\$4,693.75):		
Allen Manufacturing Co., laundry.....	20.80	
J. Gaffney, overtime.....	59.50	
White Window Cleaning Co.....	80.00	
Superintendent's Dept., labour.....	4,533.45	

Repairs and Renewals (\$4,056.42):

Wm. Bartlett and Son, shades	\$ 70.49	
City Treasurer, elevator licenses	15.00	
T. Eaton Co., linoleum, etc.....	183.66	
Johnson Temperature Regulating Co., repairs	24.79	
Superintendent's Dept., labour, \$2,548.44; material, \$1,214.04	3,762.48	
Caretaker: Arthur Clarke, 12 months.....	1,600.00	
		\$ 22,002.59
Less: Heat and Light charged to Central Power Plant.....	\$ 10,302.33	
Credits for cleaning, caretaker's supplies, etc.	421.66	
Receipts for use of rooms.....	8.00	
		10,731.99
		\$ 11,270.60
		<u>\$384,861.47</u>

IX. FACULTY OF DENTISTRY

Salaries

(a) Regular Staff

A. D. A. Mason, Dean (paid as Professor)
 T. Cowling, Assistant Dean (paid as Professor)

Professors:

A. D. A. Mason, Operative Dentistry (also Dean without salary)	\$ 5,000.00
T. Cowling, Dental Technology and Metallurgy (also Assistant Dean without salary; paid also \$35 for Extra Mural Lectures)	4,500.00
F. M. Lott, Prosthetic Dentistry, at \$5,000; on War Service; contribution to Teachers' Insurance and Annuity Association	200.04
G. C. Cameron, Dental Pathology and Bacteriology (paid also \$25 for Extra Mural Lectures)	3,000.00
C. A. Corrigan, Orthodontics, at \$2,500 and \$56 additional for accelerated Course	2,556.00
E. W. Paul, Dental Surgery; also Librarian, at \$720 and \$176 additional for accelerated Course	896.00
I. H. Ante, Crown and Bridge Prosthesis (without salary, but paid for the duration of the war at \$840 and \$224 additional for accelerated Course (paid also \$25 for Extra Mural Lectures)	1,064.00
F. J. Conboy, Dental Praxis, at \$400 and \$40 additional for accelerated Course	440.00

Associate Professors:

R. S. Woollatt, Prosthetic Dentistry	4,000.00
H. A. Hoskin	4,000.00
R. G. Ellis, Operative Dentistry, at \$3,900 and \$200 additional allowance (paid also \$55 for Extra Mural Lectures)	4,100.00
R. J. Godfrey, Prosthetic Dentistry and Acting Head of Department, at \$3,800 and \$200 additional allowance (paid also \$15 for Extra Mural Lectures)	4,000.00
J. H. Johnson, Dental Surgery, at \$3,720 and \$200 additional allowance	3,920.00
S. M. Richardson	3,300.00
L. F. Krueger, Operative Dentistry at \$1,500 and \$160 additional for accelerated Course	1,660.00
C. H. M. Williams, Periodontology, half-time, at \$1,135 and \$164 additional for accelerated Course (paid also \$50 for Extra Mural Lectures)	1,299.00
S. S. Crouch, Orthodontics, at \$600; resigned December 31	225.00
F. A. Clarkson, at \$360 and \$210 additional for accelerated Course (paid also \$40 as Demonstrator in First Aid)	570.00
F. E. Risdon, Oral Surgery, at \$180 and \$130 additional for accelerated Course	310.00
L. A. Kilburn, Dental Praxis, at \$150; on War Service	

Associates:

Miss W. C. Riddle, Histology, Bacteriology and Pathology..... \$ 2,260.00

Dentistry:

G. H. Coram, at \$1,760 and \$471 additional for accelerated Course..... 2,231.00
 J. M. Sheldon, at \$836 and \$131 additional for accelerated Course..... 967.00
 G. D. Beierl, at \$750 and \$198 additional for accelerated Course..... 948.00
 R. R. Walker, at \$670 and \$180 additional for accelerated Course..... 850.00
 F. Martin, at \$630 and \$273 additional for accelerated Course (paid also \$120 for Extra Mural Lectures)..... 903.00
 F. L. Cole, at \$640 and \$150 additional for accelerated Course (paid also \$35 for Extra Mural Lectures)..... 790.00
 G. V. Morton, at \$570 and \$243 additional for accelerated Course (paid also \$40 in School of Nursing)..... 813.00
 W. T. Holmes, at \$560 and \$243 additional for accelerated Course..... 803.00
 W. L. Hugill, at \$560 and \$243 additional for accelerated Course (paid also \$25 for Extra Mural Lectures)..... 803.00
 P. G. Anderson..... 540.00
 H. A. Ross, at \$540 and \$234 additional for accelerated Course..... 774.00
 M. A. Cox, at \$600 and \$215 additional for accelerated Course..... 815.00
 W. J. S. Jackson..... 700.00
 J. H. Duff, at \$315 and \$84 additional for accelerated Course..... 399.00
 J. G. Perkin..... 650.00

On War Service:

W. D. Cavanagh, at \$540.....
 R. L. Twible, at \$540.....
 J. H. G. Harwood, at \$315.....
 D. M. Tanner, at \$50.....

Preventive Dentistry:

Miss D. F. J. Berry, at \$2,100 and \$50 additional for accelerated Course..... 2,150.00
 J. Kreutzer, at \$980; on War Service.....
 G. Vernon Fisk, Orthodontics..... 712.00
 W. G. McIntosh, Periodontology, at \$540 on War Service.....

Dental Public Health:

E. A. Grant, at \$40 and \$40 additional for accelerated Course.. 80.00
 H. S. Thomson, at \$40 and \$40 additional for accelerated Course..... 80.00

Lecturers (Sessional):

Dr. Jessie C. Gray, Surgery (paid also \$1,500 in Surgery, Faculty of Medicine)..... 360.00
 C. C. Rous, Applied Chemistry and Metallurgy, at \$300; on War Service (also on Office Staff).....
 T. R. Marshall, Dental Praxis, at \$150 and \$60 additional for accelerated Course..... 210.00

Special Lecturers (Sessional):

E. J. Pratt, English..... 360.00
 G. A. McMullen, English Expression, at \$100 and \$100 additional for accelerated Course (paid also \$450 in Applied Science)..... 200.00

Instructors (Sessional):

E. M. Rigsby, Dental Technology..... 240.00
 Mrs. Doris A. Secord, Principles of Accounting, at \$336 and \$102 additional for accelerated Course (paid also \$150 as Instructor in Typewriting to Dental Nurses)..... 438.00

Demonstrators (Sessional):

Dentistry:

T. N. Scott..... 1,215.00
 P. W. Arkle, at \$1,080 and \$290 additional for accelerated Course..... 1,370.00

J. B. Macdonald, at \$745 and \$197 additional for accelerated Course.....	\$	942.00	
H. M. Robb, at \$613 and \$234 additional for accelerated Course.....		847.00	
A. M. Hord.....		635.00	
K. R. Harris, at \$540 and \$234 additional for accelerated Course.....		774.00	
O. J. Yule, at \$540 and \$234 additional for accelerated Course.....		774.00	
H. H. Cummer, at \$540 and \$234 additional for accelerated Course.....		774.00	
M. R. Culbert.....		465.00	
E. E. Colley, at \$270 and \$72 additional for accelerated Course.....		342.00	
J. B. Pepper.....		270.00	
R. E. Diprose, at \$264 and \$88 additional for accelerated Course.....		352.00	
W. R. Bennett, at \$250 and \$108 additional for accelerated Course.....		358.00	
H. Halderson, Orthodontics.....		480.00	
F. A. Clarkson, First Aid.....		40.00	
Assistants in Chemistry for Accelerated Course:			
A. L. Rosenberg } paid also in Chemistry, Faculty of Arts.....		70.00	
R. E. Thiers }		25.00	
Technicians:			
W. V. Byrne, Dentistry.....		1,900.00	
Miss I. A. Bumby, Bacteriology and Pathology.....		1,250.00	
H. F. Whittaker, Histology (paid also in Faculty of Medicine)....		150.00	
Laboratory Attendants:			
H. Aylward.....		1,300.00	
S. S. Madill, Infirmary.....		492.25	
Mrs. Mary Gratton, Histology.....		340.50	
			\$ 80,281.79

(b) Infirmary Staff

Nurses:			
Miss J. Miller, Supervisor of Dental Nurses in Training, at \$1,400 for 10 months and \$35 additional for accelerated Course.....	\$	1,435.00	
Miss V. H. Broadrib, at \$1,000 for 10 months and \$25 additional for accelerated Course.....		1,025.00	
Mrs. M. M. Howlett, at \$1,000 for 10 months and \$25 additional for accelerated Course.....		1,025.00	
Miss M. Jackson, at \$1,000 for 10 months and \$95 additional for accelerated Course.....		1,095.00	
Miss H. L. Mann, at \$1,000 for 10 months and \$25 additional for accelerated Course.....		1,025.00	
Miss F. G. Whitehead, at \$1,000 for 10 months and \$25 additional for accelerated Course.....		1,025.00	
Miss A. H. Rose, at \$920 for 9 months and \$161 additional for accelerated Course.....		1,081.00	
Miss M. M. E. Robinson, at \$800 for 8 months and \$275 additional for accelerated Course.....		1,075.00	
Miss L. E. Tutt, at \$800 for 8 months and \$25 additional for accelerated Course.....		825.00	
Instructors to Dental Nurses (Sessional):			
Mrs. Doris A. Secord, Typewriting (paid also on Regular Staff)....		150.00	
W. G. Bennett, Correspondence (paid also in Ontario College of Education).....		32.00	
Laundresses:			
Mrs. Louise Barraclough.....		704.65	
Miss Effie Aylward.....		22.00	
			\$ 10,519.65

(c) Office Staff

C. C. Rous, Secretary, at \$3,100 (also on Regular Staff) on War Service; contribution to Pension Fund.....	\$	170.00
Miss F. A. Cook, Secretary to the Dean.....		1,900.00

Assistants to the Secretary:

Miss F. I. Fulton, at \$1,300; resigned July 31.....	\$ 108.33
Miss B. McBride, at \$1,300 from August 23	1,114.79
Assistant Librarian, at \$1,100:	
Miss Hilda Reid, on leave of absence.....	.....
Miss E. M. Bradley.....	1,100.00
Miss H. M. Chitty, Clerk in the Secretary's Office.....	1,100.00
Miss L. Park, Cashier, at \$1,300 for 10 months and \$32.50 additional for accelerated Course.....	1,332.50
Assistants in the Library, at \$20 per week:	
Miss P. Smith, 13 weeks.....	260.00
Miss O. E. Ring, 7 weeks.....	140.00

 \$ 7,225.62

 \$ 98,027.06

Laboratory and Infirmary Supplies, Apparatus and Equipment

Aikenhead Hardware Co., hardware.....	\$ 14.65
American Dental Association, books.....	28.21
I. H. Ante, show cards, slides.....	44.75
Ash Temple Co., dental supplies.....	2,782.50
Austin Dental Specialties, solder, etc.....	54.18
Baker and Co., Inc., platinum.....	283.61
Bausch and Lomb Optical Co., microscopes.....	53.25
W. V. Byrne, bead model.....	10.00
Canadian Carborundum Co. Ltd., carborundum.....	10.43
Canadian Hanson and Van Winkle, pumice stone.....	81.54
Canadian Laundry Machinery, soda and covers.....	28.76
Walter A. Carveth and Co., extension arm.....	19.00
L. D. Caulk Co. of Canada, chemicals, etc.....	230.60
Central Scientific Co., paper, chemicals, etc.....	345.48
T. R. Clinkett, microscope.....	120.00
A. A. Cockburn, sheeting, towels, cloth.....	118.49
Columbia Dentoform Supplies, Dentoform.....	59.00
Corbett-Cowley Ltd., laboratory coats.....	234.82
S. S. Crouch, tubing.....	70.00
Denco Ontario Ltd., dental supplies.....	848.75
Dental Products Corp'n., dental supplies.....	459.66
Dominion Dental Co., dental supplies.....	1,469.82
Eastman Photographic Stores, film, screen developer, envelopes.....	1,113.02
T. Eaton Co., brushes, cotton, etc.....	99.63
D. Gestetner Ltd., paper, stencils.....	61.29
Ed. Green Dental Supplies, dental supplies.....	443.31
J. F. Hartz Co., chemicals, tape.....	148.76
Ingram and Bell, Ltd., dental supplies.....	81.43
Interlake Tissue Mills, paper napkins.....	252.00
J. F. Jelenco and Co. Inc., electric inlay furnace.....	45.15
Johnson and Johnson, bandages, etc.....	113.01
Johnson Matthey Co., mattenlay, etc.....	3,826.98
E. Leitz, removable slide changer.....	158.76
Arthur Levitt Dental Supply, supplies.....	19.25
S. McCord and Co., pumice stone, etc.....	304.10
Might Directories, directory.....	32.40
National Drug and Chemical Co., dental supplies.....	145.50
National Refining Co. Ltd., dental supplies.....	3,931.53
Office Specialty Mfg. Co., guides, leg base.....	273.97
Photographic Service, prints, slides, negatives.....	110.47
Wilfred W. Prissick, photographing.....	18.50
Proctor and Gamble, soap.....	137.16
Pro-phy-lac-tic Brush Co., brushes.....	24.00
Robbins and Townsend, typewriter service, etc.....	118.00
Ella Skinner, uniforms.....	650.52
Toronto Dental Dealers, dental supplies.....	441.79
Underwood Elliott Fisher Co., rental of typewriters.....	272.00
A. J. S. Van Alphen, specimens.....	60.00
Victor X-ray Corp'n of Canada, X-ray equipment.....	12.45
Vulcan Asphalt and Supply Co., repairing and installing hot mastic.....	100.00
S. S. White and Co. of Canada, dental supplies.....	1,550.11
White Surgical Supply, dental supplies.....	89.00
Williams Gold Refining Co., wire, etc.....	2,254.76
University Press, stationery, printing, students kits.....	247.15

Accounts under \$10.00 (15).....	\$	84.51	
Sundry disbursements by Secretary, laundry, \$215.58; supplies, \$41.58; carfare, \$4.50; refunds, \$2.75; sundries and express, \$2.95		267.36	
Superintendent's Dept., freight, \$85.08; labour, \$1,198.84; material \$988.92.....		2,272.84	
Alterations (\$1,191.41):			
A. B. Ormsby, firedoor.....		59.00	
Superintendent's Dept., labour, \$755.96; material, \$376.45.....		1,132.41	
	\$	28,319.62	
Less credits: Laboratory deposits.....		1,379.73	
			\$ 26,939.89

General Expenses

Stationery, printing, calendar, office supplies and incidentals (\$1,767.64):			
D. Gestetner Ltd., post cards, paper.....	\$	35.41	
Postage.....		227.00	
Robbins and Townsend, typewriter service.....		48.30	
University of Toronto Engineering Society, paper.....		20.95	
University Press, printing and stationery.....		1,395.54	
Accounts under \$10.00 (3).....		12.51	
Sundry disbursements by Secretary, stationery, \$3.50; supplies, \$3.50; carfare, \$1.25; telephone and sundries, \$17.76; express and postage, \$1.92.....		27.93	
Extra-Mural lectures, Ontario (\$800.00):			
I. H. Ante.....		60.00	
G. C. Cameron.....		25.00	
F. L. Cole.....		35.00	
R. G. Ellis.....		55.00	
R. J. Godfrey.....		15.00	
W. L. Hugill.....		405.00	
Frank Martin.....		120.00	
J. Murray Robb.....		35.00	
C. H. M. Williams.....		50.00	
American Association of Dental Schools, dues.....		75.00	
	\$	2,642.64	
Less credits: Charged to Dominion Government Grant, Dental Technicians Course.....		500.00	
			\$ 2,142.64

Dental Building

Fuel: Great Lakes Coal Co.....	\$	2,096.44	
Gas, \$354.81; electric current, \$2,226.31; water, \$560.10		3,141.22	
Caretaker's Supplies:			
Superintendent's Dept., material.....		721.95	
Cleaning and Fireman:			
Superintendent's Dept., labour.....		4,082.79	
Repairs and Renewals (\$3,405.28):			
Brooks Marble and Tile, repairing floors.....		52.85	
Caswin Co. Ltd., repairing steel windows.....		138.00	
City Treasurer, elevator licenses.....		10.00	
McIntyre and Taylor, repairing boilers.....		92.48	
Window Shades and Fittings, window shades.....		17.75	
Superintendent's Dept., labour, \$2,537.18; material, \$557.02		3,094.20	
Caretaker: W. Graham, 12 months.....		1,450.00	
	\$	14,897.68	
Less credits: Sale of cinders \$.40; light, \$1.00; cleaning, \$2.00.....	\$	3.40	
Charged to Dominion Government Grant, Dental Technicians accel- erated course.....		1,494.36	
			1,497.76
			\$ 13,399.92
			<u>\$140,509.51</u>

X. FACULTY OF HOUSEHOLD SCIENCE

Salaries

(a) Household Science:

Miss J. Brodie, Professor (with rooms, heat and light valued at \$280).....	\$ 4,200.00
Assistant Professors:	
Miss A. C. Willard.....	3,450.00
Miss E. W. Park.....	2,900.00
Miss J. S. Roberts, at \$2,600; on War Service; contribution to Teachers' Insurance and Annuity Association.....	130.08
Lecturers (Sessional):	
Miss A. Grant.....	2,200.00
Miss D. Lindsley.....	2,000.00
Mrs. Enid H. Smith.....	1,900.00
Miss H. R. Coatsworth (part-time).....	1,100.00
Miss N. Morley, Research Assistant.....	1,000.00
Assistants (Sessional; part-time):	
Miss M. H. Graydon.....	800.00
Miss F. P. Kennedy.....	800.00

 \$ 20,480.08

(b) Food Chemistry:

Dr. C. C. Benson, Professor (with rooms, heat and light valued at \$280).....	4,200.00
Miss E. I. Walker, Assistant Professor.....	2,000.00
Mrs. Jean R. Butterfield, Lecturer (Sessional).....	1,700.00
Mrs. Edith A. Nicholson, Instructor (Sessional).....	1,300.00
Assistants (Sessional):	
Miss M. McArthur.....	800.00
Miss E. S. Dewar (part-time; paid also \$525 as Clerical Assistant).....	400.00

 10,400.00

 \$ 30,880.08

Charged to Massey Treble Bequest.....

 3,000.00

 \$ 27,880.08

Household Science

Laboratory Supplies, including food, material, fuel for cooking, etc. (\$1,652.00):

Acme Farmers Dairy, milk, cream.....	\$ 187.19
Borden Co. Ltd., milkstock.....	13.23
Canadian Laboratory Supplies, chemicals.....	102.58
Central Scientific Co., beakers, soap.....	38.43
Club Coffee Co., tea and coffee.....	25.20
T. Eaton Co., towels, glasses, etc.....	166.24
Lever Bros., soap flakes.....	21.78
Marshall Co. Ltd., eggs.....	122.69
National Grocers Co., groceries.....	172.68
J. and W. R. Scott, groceries, vegetables.....	745.61
Robt. Simpson Co., plates, pans.....	43.30
Accounts under \$10.00 (2).....	8.82
Superintendent's Dept., material.....	4.25

Laboratory Attendance (\$1,395.69):

Mrs. L. Cameron, 25 weeks.....	400.00
Mrs. V. Mead, 5 weeks.....	68.37
Mrs. Alice Steeds, 23 weeks.....	235.00
Mrs. E. Stroud, 43 weeks.....	692.32

Equipment and incidentals (\$227.22):

Hobart Manufacturing Co., mixer repaired.....	10.15
Singer Sewing Machine Co., repairs.....	15.80
Accounts under \$10.00 (2).....	10.70
Superintendent's Dept., labour \$157.80; material, \$32.77.....	190.57

Books and special equipment (\$643.57):

T. Eaton Co., mirror, iron	\$	77.32
Queen City Glass Co., rubber pads		17.64
Robt. Simpson Co., rug, chairs, etc.....		431.10
Accounts under \$10.00 (15).....		77.04
Wistar Institute of Anatomy and Biology, subscription.....		12.39
University Press, binding, etc.....		25.83
Superintendent's Dept., freight.....		2.25

 \$ 3,918.48

Less credits: Laboratory deposits.....	\$	302.33
Charged to Massey Treble Bequest..		643.57

 945.90

 \$ 2,972.58

Food Chemistry

Maintenance (\$957.34):

Canadian Laboratory Supplies, chemicals, etc.	\$	440.99
Central Scientific Co., glassware, chemicals.....		121.15
R. H. Chappell, tubes, flasks, etc.....		10.60
T. Eaton Co., handkerchiefs, soap.....		43.23
Merck and Co., chloroform, etc.....		14.57
Nichols Chemical Co., acid.....		13.58
Thos. Pocklington Ltd., overhauling and adjusting balances.....		65.00
T. B. Sloan, repairs.....		11.50
University Press, books, labels, etc.....		50.60
Accounts under \$10.00 (13).....		59.41
Sundry disbursements by department: stationery, \$1.15; hardware, \$21.64; sundries, \$8.37; supplies, \$22.24.....		53.40
Superintendent's Dept., freight, \$2.65; labour, \$46.13; material, \$24.53		73.31

Laboratory Attendance (\$1,110.50):

Mrs. R. Berry, 42 weeks (part time).....		307.60
Miss I. Scott, 43 weeks.....		802.90

 \$ 2,067.84

Less credits: Students' breakages	\$	7.68
Laboratory deposits.....		181.93

 189.61

 \$ 1,878.23

General Expenses

Stationery, printing, office supplies and incidentals (\$199.67):

D. Gestetner, paper.....	\$	19.53
Postage.....		28.00
University Press		138.24
Accounts under \$10.00 (2)		11.84
Superintendent's Dept., material.....		2.06

Clerical Assistance (\$1,700.00):

Miss E. E. Cross, 10 months		1,100.00
Miss E. S. Dewar, part time (paid also in salaries).....		525.00
Miss A. E. Wilson, 3 weeks.....		75.00

 \$ 1,899.67

Household Science Building

Heat and Light.....	\$	3,481.11
Gas, \$210.02; water, \$255.18; fuel, \$29.00.....		494.20

Caretaker's Supplies:

Superintendent's Dept., material.....		185.69
---------------------------------------	--	--------

Cleaning (\$2,149.20):

Queen City Window Cleaning Co.....		50.00
Superintendent's Dept., labour.....		2,099.20

Repairs and Renewals (\$1,372.57):

Wm. Bartlett and Sons, shades.....		108.46
Federal Floor Finishing Co., resurfacing floors.....		27.00
G. M. Hendry Co., blackboard		11.91

Johnson Temperature Regulating Co., repairs.....	\$	29.87	
Accounts under \$10.00 (3).....		18.60	
Superintendent's Dept., labour, \$930.10; material, \$246.63.....		1,176.73	
Sundries:			
Superintendent's Dept., labour \$887.04; material, \$112.96.....		1,000.00	
Caretaker (with rooms, heat and light valued at \$420.00):			
A. J. Maycock, 12 months.....		1,250.00	
			\$ 9,932.77
Less: Heat and light charged to Central Power			
Plant.....	\$	3,481.11	
Charged to Massey Treble Bequest.....		1,000.00	
Sundry credits for cleaning.....		28.70	
		4,509.81	
			\$ 5,422.96
			<u>\$ 40,053.52</u>

XI. FACULTY OF FORESTRY

Salaries

G. G. Cosens, Professor and Dean of Faculty, at \$6,000 and \$500 additional for Ontario Forest Ranger Course.....	\$	6,500.00	
Professors:			
J. H. White.....		5,200.00	
T. W. Dwight, at \$4,500 and \$375 additional for Ontario Forest Ranger Course.....		4,875.00	
R. C. Hosie, Associate Professor, at \$3,900 and \$325 additional for Ontario Forest Ranger Course.....		4,225.00	
Special Lecturers (Sessional):			
F. S. Newman.....		25.00	
A. J. Dunne.....		15.00	
Miss G. McAree, Librarian and Staff Secretary at \$1,350 and \$20 additional for Ontario Forest Ranger Course.....		1,370.00	
			\$ 22,210.00
Less paid by Provincial Government.....		1,220.00	
			\$ 20,990.00

Maintenance

Apparatus and Laboratory Supplies (\$737.93):			
Central Scientific Co., Riker mounts, etc.....	\$	155.53	
Freeland Studio, photographs.....		15.00	
Keuffel and Esser Co., compasses.....		20.54	
Office Specialty Mfg. Co., cabinet, etc.....		52.00	
Photographic Service, slides, etc.....		19.56	
University Press, binding, printing and stationery.....		169.89	
Accounts under \$10.00 (9).....		28.89	
Sundry disbursements by Secretary: stationery, \$7.00; hardware, \$.90; supplies, \$4.47; sundries, \$7.26; telephone, \$16.87.....		36.50	
Superintendent's Dept., labour, \$52.81; material, \$168.53; freight, \$18.68.....		240.02	
Office supplies, printing, calendar, postage and incidentals (\$268.44):			
Postage.....		50.00	
University Press, printing and stationery.....		200.09	
Accounts under \$10.00 (8).....		18.35	
Practice Camp supplies, travel, etc. (\$1,896.17):			
Travelling expenses:			
G. G. Cosens.....		24.50	
T. W. Dwight.....		282.58	
R. C. Hosie.....		44.85	
Art Metropole, scales.....		15.04	
Carnarvon Camp, telephone.....		35.42	
Sherwood Forestry Camp, students and instructors board and lodging.....		1,332.10	

Woods Manufacturing Co., sleeping robes cleaned and repaired..	\$	36.92	
Accounts under \$10.00 (5).....		21.24	
Superintendent's Dept., labour, \$15.52; material, \$88.00		103.52	
Collecting material for Class Work:			
Central Scientific Co., petri dishes.....		63.80	
Laboratory Assistance:			
R. H. Denison.....		92.95	
		<u>3,059.29</u>	
Less: Received from students for board.....	\$	725.00	
Sale of material.....		1.40	
Paid by Provincial Government		499.75	
		<u>1,226.15</u>	
	\$		1,833.14

Forestry Building

Heat and Light	\$	1,220.24	
Gas, \$9.76; water, \$8.00.....		17.76	
Caretaker's Supplies:			
Superintendent's Dept., material.....		63.65	
Cleaning (\$331.40):			
Allen Manufacturing Co., laundry.....		4.00	
Co-operative Window Cleaning Service.....		25.00	
Superintendent's Dept., labour.....		302.40	
Repairs and Renewals (\$226.01):			
Wm. Bartlett and Son, repairs.....		30.25	
Superintendent's Dept., labour, \$176.33; material, \$19.43.....		195.76	
Caretaker:			
E. G. Payne, 12 months.....		1,550.00	
		<u>3,409.06</u>	
Less: Heat and light charged to Central Power Plant.....		1,220.24	
	\$		2,188.82
			<u>\$ 25,011.96</u>

XII. FACULTY OF MUSIC

Salaries

Sir Ernest MacMillan, Dean, honorarium.....	\$	500.00	
Professors:			
Healey Willan at \$4,000 of which \$2,000 paid by Toronto Conservatory of Music		2,000.00	
Leo Smith.....		1,500.00	
J. Leland Richardson, Carillonneur.....		650.00	
Miss A. MacGillivray, Secretary (paid also \$2,100 as Secretary to the President).....		300.00	
		<u>4,950.00</u>	
Less paid from Special Grant.....		500.00	
	\$		4,450.00

Maintenance

Printing, Calendar, postage and incidentals:			
Postage.....	\$	20.00	
Toronto Conservatory of Music.....		1.90	
University Press, stationery		76.94	
		<u>98.84</u>	
	\$		98.84

Special

Grant to Toronto Conservatory of Music.....	\$	8,500.00	
		<u>8,500.00</u>	
	\$		13,048.84

XIII. SCHOOL OF GRADUATE STUDIES

Salaries

G. S. Brett, Dean (paid also \$6,000 in Faculty of Arts).....	\$ 1,000.00	
Miss N. MacKenzie, Secretary.....	2,200.00	
Miss J. Gordon, Stenographer.....	900.00	
	<hr/>	\$ 4,100.00

Maintenance

Stationery and Office Supplies (\$357.73):		
Postage.....	\$ 46.00	
University Press, stationery, calendar, etc.....	295.31	
Accounts under \$10.00 (5).....	16.42	
Clerical Assistance:		
Miss E. Ridge, Secretariat, Board of Examiners for Professional Degrees, \$50.00; expenses, \$1.25.....	51.25	
	<hr/>	408.98
		<hr/>
		\$ 4,508.98

XIV. SCHOOL OF NURSING

Salaries

Miss E. K. Russell, Director and Professor.....	\$ 3,800.00	
Miss F. H. M. Emory, Associate Director and Associate Professor.....	3,000.00	
Assistant Professors:		
Miss W. L. Chute; also Assistant Director and Secretary.....	2,500.00	
Miss N. D. Fidler.....	2,500.00	
Miss M. B. Millman.....	2,500.00	
Miss A. E. Reid, Lecturer and Supervisor of Graduate Practice Work in Hospitals.....	1,900.00	
Lecturers and Clinical Instructors (Sessional):		
Miss M. J. Wilson, with living allowance valued at \$400.....	1,800.00	
Miss B. Boulter, at \$1,440; resigned September 30.....	360.00	
Clinical Instructors in Nursing (Sessional):		
Miss J. E. Allen, from October 15 at \$1,440 and living allowance valued at \$400; wartime bonus at \$142.....	1,120.59	
Miss D. K. Duff, from January 1 at \$1,200 and living allowance valued at \$20 per month.....	600.00	
Mrs. Edith R. Will, from January 1 at \$1,440; resigned May 24.....	576.00	
Miss M. Dulmage, 2 months.....	260.00	
Dietitian-Housekeepers:		
Miss M. E. Waddell, at \$1,200 and living allowance valued at \$400; resigned October 31.....	400.00	
Miss D. I. Patterson, 2 months at \$1,400; 6 months at \$1,500 and living allowance valued at \$400.....	983.34	
Miss A. Hughes, Temporary.....	62.50	
Supervisor of Health and Residence Nurses:		
Miss N. K. C. Kenney, at \$1,080 and living allowance valued at \$400; on War Service; contribution to Pension Fund.....	96.00	
Miss L. Thordarson, 6 months at \$948; 6 months at \$1,440 and living allowance valued at \$400.....	1,194.00	
Miss E. N. L. Mortimer, Secretary-Librarian at \$1,800; resigned September 30.....	450.00	
Mrs. Margaret Monkhouse, Assistant Secretary (paid also \$5.25 overtime from Occasional Clerical Assistance).....	1,300.00	
Secretarial Assistants:		
Mrs. Lillian M. Clarkson.....	1,080.00	
Mrs. G. Louise Watson, 9 months.....	888.00	
Mrs. Gladys Adams (part-time).....	592.00	
Mrs. R. V. McDermott, 4 months.....	348.45	
Mrs. Jean Tenor, from September 28 to April 30.....	284.00	
Miss D. S. Livingstone, 1 month.....	100.92	
	<hr/>	\$ 28,695.80
Less paid from Special Grant.....	2,500.00	
	<hr/>	\$ 26,195.80

Special Teaching

Critic Teachers in City Schools, or elsewhere, for practice teaching purposes (\$926.70):

Board of Education, Toronto.....	\$	752.00
Separate School Board.....		55.00
Shaw's Business Schools.....		119.70

University Departments and Special Lecturers (\$3,561.22):

Department of Anatomy.....	200.00
Department of Psychology.....	300.00

Special lecturers:

Miss C. Adams.....	25.00
Harvey Agnew.....	15.00
A. F. W. Anglin.....	10.00
A. M. Archibald.....	10.00
Gordon Bates.....	30.00
Miss Marjorie Bell.....	15.00
K. S. Bernhardt.....	175.00
A. Brady.....	10.00
Clarence Brink.....	50.00
E. F. Brooks.....	15.00
G. W. Brown.....	10.00
W. E. Brown.....	10.00
C. F. Cannon.....	10.00
Miss E. deV. Clarke.....	15.00
D. W. Crombie.....	19.80
W. G. Crosbie.....	30.00
Miss Ethel Cryderman.....	55.00
D. V. Curry.....	14.20
M. I. Davis.....	10.00
H. A. Dixon.....	15.00
Miss A. G. Dove.....	15.00
J. H. Ebbs.....	10.00
George Edmonds.....	20.00
H. E. Ellborn.....	50.00
Miss Amelia Grant.....	122.37
Jessie C. Gray.....	100.00
V. K. Grier.....	10.00
Mrs. Alice Hall.....	20.00
G. P. Hamblin.....	10.00
B. Hannah.....	65.00
B. W. Heise.....	15.00
Miss E. Hickey.....	20.00
C. E. Hill.....	10.00
Miss Margaret Ketchen.....	35.00
Miss J. Kniseley.....	15.00
Mrs. L. S. Lauchland.....	10.00
Mrs. R. W. Laughland.....	40.00
D. M. Low.....	30.00
W. B. McClure.....	50.00
Miss C. McCorquodale.....	15.00
Miss Florence McNally.....	200.00
Miss E. L. Moore.....	35.00
G. V. Morton.....	40.00
Trevor Owen.....	115.00
Miss M. Palk.....	23.00
J. T. Phair.....	40.00
C. E. Phillips.....	220.00
P. A. Sargeant.....	20.00
L. N. Silverthorne.....	30.00
Mrs. Barbara Slater.....	45.00
C. E. Snelling.....	20.00
Mrs. Margaret Thomas.....	190.00
W. L. Valens.....	100.00
H. B. Van Wyck.....	100.00
Dr. Norma Ford Walker.....	300.00
Miss S. A. Wallace.....	10.00
Col. S. A. Watson.....	30.00
A. I. Willinsky.....	20.00

Miss Muriel Winter.....	\$	40.00
D. E. S. Wishart.....		15.00
Mrs. F. E. Woodcock.....		70.00
H. W. Wookey.....		15.00
G. S. Young.....		15.00
S. H. Zbarsky.....		125.00
Sundry persons (7).....		36.85

Hospitals and Public Health Organizations (\$1,657.00):

Brantford General Hospital.....		25.00
Canadian Red Cross Society.....		95.00
Catholic Welfare Bureau.....		10.00
Departments of Public Health.....		190.00
Hospital for Sick Children.....		80.00
Jewish Family Welfare Bureau.....		15.00
Neighborhood Workers Association.....		70.00
Nicholls Hospital Trust.....		25.00
Oshawa General Hospital.....		25.00
St. Elizabeth Visiting Nurses Association.....		35.00
St. Michael's Hospital.....		240.00
Toronto General Hospital.....		215.00
Toronto Western Hospital.....		215.00
Victorian Order of Nurses.....		342.00
Women's College Hospital.....		75.00

\$ 6,144.92

School Maintenance

Office supplies, printing, postage and incidentals (\$1,974.77):

Bay Salvage Co., office furniture.....	\$	108.50
Burroughs Adding Machine Co., adding machine.....		164.70
Canadian National Telegraphs.....		11.16
D. Gestetner Ltd., stencils, ink, etc.....		60.06
Grand and Toy Ltd., stationery.....		19.35
J. Harding, overtime.....		15.00
Office Specialty Mfg. Co., furniture.....		83.50
Postage.....		197.50
Registered Nurses Association of Ontario, addressing and typing envelopes.....		50.30
Remington Rand, typewriter.....		143.78
Robbins and Townsend, typewriter service, ribbons.....		25.80
University Press, printing and stationery.....		619.97
Accounts under \$10.00 (7).....		31.69

Clerical Assistance:

Miss B. Allen, 6 days.....		24.00
Miss C. Clarkson, 8 hours.....		6.00
Mrs. M. Monkhouse, 7 hours (paid also in salaries).....		5.25
Mrs. J. Moody, 4 days, 3½ hours.....		13.75
Miss R. McDermott, 1 month, 22 days.....		145.32
Mrs. L. Watson, 1 month, 6½ days.....		110.00
Sundry disbursements by Secretary: stationery and drugs, \$18.95; sundries, \$21.49; telephone and telegraph, \$67.67; postage, \$.59; carfare and transportation, \$3.69.....		112.39
Superintendent's Dept., telephone, \$16.20; labour, \$10.55.....		26.75

Classroom equipment and supplies, library and advertising, (\$1,863.49):

Miss E. Aldridge, clerical assistance.....		50.00
Bay Salvage Co., table, chairs.....		46.00
Canadian Nurse, advertising.....		30.00
Central Scientific Co., barometer, glassware, etc.....		17.63
T. Eaton Co., armchairs.....	1,118.75	
General Films Ltd., screen.....		42.00
Evening Telegram, advertising.....		46.49
Globe Printing Co., advertising.....		79.45
J. F. Hartz Co., doll.....		26.75
Ingram and Bell, Ltd., doll, etc.....		186.36
N. H. Speight Laboratories, amplifier, rental.....		20.00
Toronto Star, advertising.....		83.01
University of Toronto Library, pamphlet cases, etc.....		19.30
Accounts under \$10.00 (24).....		97.75

Graduation Expenses and Fellowship Payments:

Birks Ellis Ryrie Ltd., pins.....	\$ 159.38
-----------------------------------	-----------

Travelling and Entertainment, etc., examination of domestic staff
(\$237.12):

Miss N. D. Fidler, travelling expenses.....	24.35
Miss M. B. Millman, travelling expenses.....	46.15
Charles Peaker, professional services.....	50.00
Mrs. Alice Rourke, musical assistance.....	15.00
Miss E. K. Russell, travelling expenses.....	72.07
Women's College Hospital, X-rays for maids.....	10.00
Accounts under \$10.00 (4).....	19.55

Refunds of Fees and Residence Dues (\$242.50):

Mrs. G. McKelvey.....	35.00
Mrs. M. E. Tamblyn.....	49.50
Miss E. White.....	158.00

\$ 4,477.26

Residence Maintenance

Residence Physician:

Dr. J. G. Falconer.....	\$ 200.00
-------------------------	-----------

Wages, food, laundry and miscellaneous, including students' board
and lodging elsewhere if residence closed temporarily
(\$22,594.36):

Pay lists, wages of maids, etc.....	8,243.34
Allen Manufacturing Co., laundry.....	328.15
Baker Carpet Cleaning Co., shampooing rugs.....	80.20
Barker Bredin Bakeries, bread.....	341.24
Wm. Bartlett and Son, window supplies and repairs.....	44.14
Bowes Co. Ltd., mincemeat.....	15.35
Canadian General Electric, cord, insulators, etc.....	13.04
Christie Brown and Co., cakes, etc.....	93.81
Miss W. L. Chute, tables.....	12.00
Club Coffee Co., tea, coffee.....	212.00
Cook Bros., groceries.....	297.36
Diversey Corporation, chemicals.....	130.98
T. Eaton Co., food, furniture, towels, etc.....	523.76
Gibson Cleaners, cleaning drapes, etc.....	88.10
H. J. Heinz Co., pickles, etc.....	118.60
Heintzman and Co. Ltd., tuning.....	12.00
Houghton's Silversmith, entree dishes.....	71.50
Hospital and Kitchen Equipment, oven, etc.....	726.72
Earl Hubbard, honey.....	33.65
Ideal Window Cleaners.....	15.00
Ingram and Bell, iodine, capsules, etc.....	41.29
Jane Fruit Market, fruit.....	1,830.93
Kelvinator Ltd., repairs.....	147.25
Kraft Cheese Ltd., cheese.....	148.28
Marshall Co. Ltd., butter, etc.....	618.01
S. A. Monk, gardening.....	33.20
McCart Bros., fruit.....	59.80
National Groceries Co. Ltd., provisions.....	1,155.00
Wm. Neilson Ltd., ice cream, etc.....	198.33
T. Nicola, fruit, vegetables.....	130.36
Parkdale Laundry Co.....	370.90
Porter and Black, butter, eggs.....	414.60
J. D. Ryder, cleaning furnaces.....	15.00
St. Lawrence Fish Market, fish.....	435.82
Silverwoods Dairy Ltd., milk, butter.....	1,629.46
Robert Simpson Co., knives, spoons.....	13.07
John Smith, upholstering.....	42.00
Standard Trading Co., crackers.....	16.00
Superior Electric Ltd., iron.....	14.87
Swiss Laundry.....	21.21
Victoria Paper and Twine, paper.....	83.25
Vogue Uniform Co., uniforms.....	20.50
White and Co. Ltd., fruit, vegetables.....	760.76
John H. Wickson, meat, provisions.....	2,531.48
G. H. Woods, paper cups.....	43.27

Wrought Iron Range Co., cooking utensils.....	\$	29.52	
Accounts under \$10.00 (14).....		79.68	
Sundry disbursements by Secretary: stationery and drugs, \$4.14; sundries, \$28.75; ice and supplies, \$126.55; hardware, \$33.18...		192.62	
Superintendent's Dept., labour, \$41.24; material, \$75.72.....		116.96	
Furnishings and replacements (\$1,292.88):			
T. Eaton Co., desks, chairs, cabinets, etc.....		1,113.13	
Hart House, washing machine.....		84.00	
Robt. Simpson Co., desks.....		94.50	
Superintendent's Dept., labour.....		1.25	
			\$ 24,087.24

Contingencies

(Nothing Spent)

Registered Nurses Association

Travelling Expenses:

K. S. Bernhardt.....	\$	20.00	
Isabel Black.....		10.05	
Jeanne M. Brown.....		29.85	
Geraldine Conley.....		10.05	
Martha J. Earle.....		11.60	
H. E. Elborn.....		20.00	
Helen M. Elliott.....		41.90	
Jean M. Kirkness.....		20.95	
Muriel V. Lowry.....		16.55	
Katherine MacKenzie.....		20.95	
Margaret Mackenzie.....		16.55	
Gladys Reed.....		12.00	
Edith G. Stevenson.....		18.90	
Sundry persons (29).....		97.52	
			\$ 346.87

Library Fund

Advance in connection with the Library, Rockefeller School of Nursing.....	\$	400.00	
--	----	--------	--

Building—No. 7 Queen's Park

Fuel (\$1,215.50):

Department of Public Works of the Province of Ontario, heat.....	\$	1,200.00	
P. Burns and Company, fuel.....		15.50	
Gas, \$309.41; electric current, \$273.39; water, \$150.98.....		733.78	
Caretaker's Supplies:			
Superintendent's Dept., material.....		172.62	
Sundries:			
Bell Telephone Co., service.....		503.10	
Alterations:			
Superintendent's Dept., labour, \$115.52; material, \$34.48.....		150.00	
Repairs and Renewals (\$2,088.32):			
Allen Manufacturing Co., laundry.....		5.20	
Superintendent's Dept., labour, \$1,290.76; material, \$792.36.....		2,083.12	
Caretaker:			
Thomas Marriott, 12 months.....		1,400.00	
			\$ 6,263.32

85 Grenville Street (Rented)

Gas, \$485.30; electric current, \$32.45; water, \$13.13.....	\$	530.88	
Sundries:			
Bell Telephone Co., service.....		74.45	
Repairs and Renewals:			
Superintendent's Dept., labour, \$97.61; material, \$65.11.....		162.72	

Residence Expenses (\$5,027.11):

Wm. Bartlett and Son, blinds	\$ 36.39	
Co-Operative Window Cleaning Service.....	24.50	
T. Eaton Co., paint, towelling, groceries, etc.....	185.62	
Gordon MacKay Co., blankets.....	104.40	
Ocean Chemicals Ltd., fumigating	40.00	
Mrs. M. C. H. Raine, rent.....	1,850.00	
Routleys Ltd., wallpaper.....	63.38	
Accounts under \$10.00 (2).....	6.32	
Sundry disbursements by Secretary: cleaning rugs, \$20.20; coal, \$14.25; telephone, \$4.30.....	38.75	
Superintendent's Dept., labour, \$1,920.72; material, \$758.03.....	2,678.75	
		\$ 5,795.16
		\$ 73,710.57
Charged to Revenue 1943-44.....		9,500.00
Charged to Rockefeller Fund.....		64,210.57
		<u>\$ 73,710.57</u>

XV. SCHOOL OF SOCIAL WORK

Salaries

S. K. Jaffary, Director and Associate Professor, at \$3,900 and additional allowance \$300.....	\$ 4,200.00	
Miss A. C. McGregor, Assistant Director and Assistant Professor, at \$2,800 and additional allowance \$300.....	3,100.00	
Miss B. M. Finlayson, Assistant Professor.....	2,600.00	
Lecturers (Sessional):		
M. Tarail	800.00	
Dr. Margaret K. Strong.....	600.00	
Lecturers in Case Work (Sessional):		
Miss N. Thompson.....	300.00	
Miss B. Wilensky (paid also \$150 for Extension Work).....	300.00	
Miss M. I. Allen, Lecturer in Child Care and Legal Aspects of Social Treatment (Michaelmas Term).....	75.00	
Special Lecturers (Sessional):		
Dr. Gwen Mulock (paid also \$3,000 in Health Service).....	150.00	
B. W. Heise.....	100.00	
Miss M. Bell.....	75.00	
Miss D. Hobden.....	75.00	
R. E. Mills.....	75.00	
Miss A. F. Carver.....	60.00	
Miss M. Fleming.....	60.00	
Miss L. Gates.....	50.00	
Mrs. Florence Hutner.....	20.00	
David Smith.....	10.00	
Miss B. Touzel.....	10.00	
Miss E. B. Bambridge, Secretary-Librarian.....	1,475.00	
Miss K. Green, temporary Office Assistant.....	192.65	
		\$ 14,327.65

Maintenance

Office Supplies, printing, calendar, postage and incidentals (\$690.65):		
American Association of Schools of Social Work, membership.....	\$ 111.28	
Miss B. M. Finlayson, field work expenses and telegram.....	11.47	
Mrs. Lillian Kay, wages.....	21.13	
Postage.....	146.75	
Robbins and Townsend, typewriter service, rebuilt typewriter (\$94.50 less allowance of \$35.00 on old machine \$59.50).....	85.00	
Student's Administrative Council, advertising.....	10.00	
University Press, stationery, rebinding calendar, etc.....	233.88	
Accounts under \$10.00 (7).....	38.37	
Sundry disbursements by Secretary: stationery, \$1.55; supplies, \$5.50; sundries, \$7.22; telephone and telegraph, \$7.72; postage, \$3.01.....	25.00	
Superintendent's Dept., telephone, \$3.97; freight, \$3.80.....	7.77	

Departmental Library (\$251.52):

T. Eaton Co., dictionaries.....	\$ 18.00
Subscriptions:	
MacMillan Co. of Canada.....	13.55
New Republic.....	18.13
University Press, books.....	33.10
Accounts under \$10.00 (39).....	168.74
	<hr/>
	\$ 942.17
	<hr/>
	\$ 15,269.82
	<hr/>
	<hr/>

XVI. SCHOOL OF PHYSICAL AND HEALTH EDUCATION

Salaries

Administration:

E. S. Ryerson, Director (paid \$500 as Professor of Health Assessment and Promotion and \$5,500 in Faculty of Medicine).....	
Miss C. H. Layton, Secretary.....	\$ 1,750.00
Mrs. Hazel M. Heslop, temporary Clerical Assistant.....	103.08

Functional Anatomy:

Associate Professors:

H. A. Cates (paid also \$4,050 in Faculty of Medicine).....	800.00
A. W. Ham (paid also \$4,000 in Faculty of Medicine).....	250.00
R. K. George, Assistant Professor (paid also \$3,100 in Faculty of Medicine).....	250.00
H. D. Ball, Assistant (paid also \$500 in Faculty of Medicine) ..	250.00

Applied Physiology:

R. E. Haist, Assistant Professor (paid also \$1,700 in Faculty of Medicine; \$400 in School of Hygiene and \$100 from Medical Research Best Funds).....	1,400.00
Miss Z. W. Christie, Demonstrator (paid also \$300 from Medical Research Best Funds).....	500.00

Health Assessment and Promotion:

E. S. Ryerson, Professor (also Director without salary).....	500.00
--	--------

Hygiene and Preventive Medicine:

A. M. Goulding, Lecturer (paid also \$1,044 in Faculty of Medicine).....	100.00
--	--------

Literature and Expression:

Special Lecturers:

C. R. Sanderson.....	220.00
Miss E. Amsden.....	5.00
Miss M. Cooper.....	5.00
Miss H. McSweeney.....	5.00
Miss M. Ryerson.....	5.00
Miss F. Trotter.....	5.00
Miss E. Wickson.....	5.00

Zoology:

Demonstrators:

Dr. V. E. Engelbert (paid also \$1,365 in Faculty of Arts and \$170 in Special Research).....	200.00
Mrs. Rosemary Marvel (paid also \$687.50 in Faculty of Arts)	200.00

Physical Education—Men:

Warren A. Stevens, Associate Professor, at \$500; on War Service from December (paid also by Athletic Association).....	250.00
---	--------

Assistant Professors:

J. E. McCutcheon (paid also \$2,600 in Athletics and Physical Training—Men).....	300.00
M. G. Griffiths (paid \$3,600 in Athletics and Physical Training—Men).....	

Assistants (Sessional):

C. Zwygard (paid also \$1,100 in Athletics and Physical Training—Men).....	\$ 800.00
W. H. Martin (paid also \$2,700 in Athletics and Physical Training—Men).....	50.00

Part-time Instructors (Sessional):

H. Phillips (paid also \$500 in Athletics and Physical Training—Men).....	100.00
D. M. Graham.....	75.00
J. Primeau.....	75.00

Temporary Clerical Assistants:

Mrs. Barbara Reyce.....	220.00
Miss D. McCarthy.....	82.50
Miss P. Lea.....	55.00
Mrs. Malvina Griffiths.....	53.50
W. E. Carswell.....	5.00

Physical Education—Women:

Assistant Professors:

Miss F. A. Somers.....	2,425.00
Miss D. N. R. Jackson (paid also \$1,000 in Athletics and Physical Training—Women).....	900.00
Miss J. M. Forster (paid also \$1,200 in Athletics and Physical Training—Women).....	700.00
Mrs. S. E. McCatty, Associate (paid also \$1,000 in Athletics and Physical Training—Women).....	300.00
Mrs. Margaret Graham, Assistant in Music (paid also \$800 in Athletics and Physical Training—Women).....	400.00

 \$ 13,344.08

Maintenance

Administration:

General Expenses (\$340.73):

Business Properties Ltd., lighting expense.....	\$ 45.77
Mrs. E. Gardner, wages.....	107.65
Parisian Laundry.....	42.25
Postage.....	71.00
Robbins and Townsend, typewriter service, ribbons.....	10.65
Stephens Sales Ltd., stencils, ink.....	30.33
Accounts under \$10.00 (4).....	12.73
Sundry disbursements by department: supplies, \$1.09; sundries, \$8.21; telephone and telegraph, \$2.45; bowling instruction, \$8.60.....	20.35

Supplies and Equipment (\$391.81):

Business Properties Ltd., lighting equipment.....	95.69
T. Eaton Co., bathing suits, towels, etc.....	53.84
Stephen Sales, Ltd., ink.....	2.55
University Press, printing and stationery.....	221.70
Sundry disbursements by department: supplies, \$5.03; sundries, \$4.04; telephone and telegraph, \$9.93.....	10.00
Superintendent's Dept., freight, \$7.40; labour, \$6.63.....	8.03

Functional Anatomy:

(Nothing Spent)

Applied Physiology (\$294.27):

Biological Associates Reg'd., frogs.....	\$ 64.00
Brandin Films, reels.....	133.51
Ingram and Bell Ltd., latex bags.....	9.90
Marine Biological Laboratories, specimens.....	60.78
Superintendent's Dept., freight.....	26.08

Health Assessment (\$90.19):

Bausch and Lomb Optical Co., books.....	17.50
Photographic Service, lantern rental.....	4.00
Rudolph Schick, anatomical chart.....	46.50
University Press, printing and stationery.....	22.19

Hygiene and Preventive Medicine:

Hygiene Department, laboratory work sheets for students.....	\$ 50.00
--	----------

Physical Education—Men (\$305.19):

D. Gestetner Ltd., stencils, ink and paper.....	30.55
W. H. Martin, rocking device.....	12.05
Narragansett Machine Co., manometer.....	27.19
W. H. Stoneber, magazine rack.....	23.50
University of Toronto Athletic Association, ice rental.....	36.00
University Press, printing and stationery.....	152.99
Accounts under \$10.00 (3).....	10.21
Sundry disbursements by department.....	10.00
Superintendent's Dept., freight.....	2.70

Physical Education—Women (\$409.07):

Archery Craft, targets.....	47.40
T. Eaton Co., tennis balls, suits, towels, envelopes, etc.....	108.73
Mrs. Winnifred Johnston, wages.....	17.00
John A. Madsen Co., repairs volley ball courts, gymnasium mat.....	85.50
University of Toronto Athletic Association, ice rental.....	72.00
H. A. Wilson Co., score board, softball guide, badminton birds.....	62.48
Accounts under \$10.00 (3).....	15.96

Camp Counsellors' Course:

Instructors:

Mrs. M. Graham, travelling expenses.....	12.80
Miss M. Hillias, honorarium.....	50.00
Miss D. N. R. Jackson, travelling expenses.....	12.80
Miss Jean Manson, honorarium, \$40.00; travelling expenses, \$12.80.....	52.80
Mrs. S. McCatty, travelling expenses.....	12.80
Miss M. Ross, travelling expenses.....	12.80
T. Eaton Co., drugs and tags.....	11.39
Miss M. G. Hamilton, room and board for students and rental of Camp Tanamakoon.....	965.50
Southam Press, folders.....	55.62
Students' Administrative Council, advertising.....	2.94
Sundry disbursements: staff fund \$5.75; sundries, \$2.43; telephone and telegraph, \$8.92; express, \$6.10.....	23.20

\$ 1,212.65

Less: Board received from students.....	\$ 696.50
Net receipts from Tuck Shop.....	2.12
Charged to Mary G. Hamilton Fund.....	264.03

962.65

Less credit: Net proceeds from Refresher Course.....	\$ 250.00
--	-----------

66.30

\$ 183.70

\$ 2,064.96

<u>\$ 15,409.04</u>

Refresher Course

(Net Receipts included in above)

XVII. UNIVERSITY EXTENSION AND PUBLICITY

Salaries

W. J. Dunlop, Director (paid also \$1,200 as Acting Manager, University Press).....	\$ 5,500.00
---	-------------

Assistant Directors:

B. W. Sharpe.....	2,800.00
J. Marshall, at \$2,000; resigned August 31.....	333.34
Miss D. de F. Milner, Secretary.....	1,700.00
Miss L. B. Alexander, Assistant.....	1,300.00
R. P. Brown, Clerk, at \$1,250; on War Service; contribution to Pension Fund.....	37.50

Stenographers:

Miss M. M. Hargreaves.....	\$ 1,000.00
Miss K. M. Davis	850.00
Miss M. E. Drummond, at \$900; resigned August 31.....	150.00
Miss B. Kingston, at \$900; on loan to Royal Ontario Museum .....	.....
	\$ 13,670.84

Maintenance of Department

(a) Extension:

Instructors (\$44,277.37):

Margaret R. Abel.....	\$ 650.00
A. P. C. Adamson	50.00
D. S. Ainslie.....	340.00
W. J. Alexander.....	20.00
F. Ambler.....	10.00
J. G. Andison.....	300.00
R. G. Armour.....	50.00
P. C. Armstrong	10.00
Magda B. Arnold.....	635.00
Carol Aronovici, lecture, \$50.00; travelling expenses, \$81.42	131.42
E. R. Arthur.....	50.00
J. J. Bailey.....	63.00
J. W. Bain.....	10.00
W. Baird.....	70.50
Miss I. G. Balthazard	284.00
A. Banfield.....	15.00
L. S. Beattie.....	32.00
S. Beatty.....	200.00
K. S. Bernhardt	1,186.00
A. E. Berry.....	50.00
V. W. Bladen.....	220.00
W. H. Bluker, lecture, \$50.00; travelling expenses, \$64.87	114.87
H. Boeschstein.....	325.00
Miss Caroline Boldock.....	100.00
Miss Elizabeth Bowling.....	50.00
G. N. Bramfitt.....	360.00
P. H. Brieger.....	300.00
Miss M. Brookstone	380.00
Mrs. Doris A. Brown.....	100.00
G. W. Brown.....	234.00
S. B. Brown.....	20.00
W. J. Brown.....	153.00
John Buchan	10.00
D. W. Buchanan	20.00
A. E. K. Bunnell.....	50.00
K. A. Burgess	40.00
E. F. Burton.....	30.00
Juan Cano.....	400.00
E. C. de la Casa	180.00
Floyd S. Chalmers	10.00
St. E. de Champ	200.00
D. B. Chant.....	15.00
H. S. Churchill, lecture, \$50.00; travelling expenses, \$60.92	110.92
T. W. Cook	200.00
E. A. Corbett	500.00
G. G. Coulton.....	100.00
Miss Frances Cowie.....	1,800.00
H. S. M. Coxeter.....	200.00
D. G. Creighton	335.00
J. G. Creighton	25.00
A. G. Croal.....	25.50
F. R. Crocombe.....	440.00
C. A. Curtis, lecture, \$50.00; travelling expenses; \$25.65.....	75.65
F. Norman Dean.....	20.00
D. S. DeLury.....	300.00
Miss D. V. Despard.....	1,200.00
H. B. Dunington-Grubb.....	50.00
W. T. Easterbrook.....	420.00
G. Edison	14.00
John M. Elson.....	700.00

N. J. Endicott.....	\$ 720.00
Barker Fairley.....	200.00
E. G. Faludi.....	50.00
E. Fidler.....	450.00
Jacob Finkelman.....	15.00
R. J. Fitzgerald.....	10.00
Donald Fleming.....	50.00
R. G. Flood.....	30.00
Ruth M. Franks.....	200.00
C. G. Fraser.....	10.00
C. H. Fraser.....	30.00
Margaret Fraser.....	80.00
W. G. Frisby.....	200.00
W. J. Gardiner.....	500.00
R. K. George.....	250.00
Thomas B. Godfrey.....	200.00
E. Goggio.....	180.00
A. R. Gopal-Ayengar.....	150.00
Mrs. Ada Graham.....	70.00
J. S. Grant.....	100.00
J. M. Ham.....	200.00
N. Ham.....	10.00
H. G. Harvey.....	302.00
Mrs. H. B. Hedman.....	100.00
Thure Hedman.....	100.00
K. F. Helleiner.....	306.00
E. W. Hewson.....	10.00
B. Higgins, lecture, \$50.00; travelling expenses, \$43.65.....	93.65
F. S. Hogg.....	125.00
Miss Margaret Hood.....	100.00
F. J. Horwood.....	380.00
George F. Hougham.....	10.00
G. W. Howland.....	120.00
D. S. Hull.....	10.00
H. H. Hyland.....	30.00
Miss Grace Hyndman.....	30.00
H. A. Innis.....	10.00
Miss Elsie Jackes.....	120.00
Mary V. Jackson.....	100.00
Wellington Jeffers.....	10.00
A. H. Jeffery.....	10.00
L. E. Jones.....	100.00
Mrs. Jessie Kidd.....	300.00
A. L. D. Koehler.....	40.00
Miss C. C. Krieger.....	10.00
W. C. Kuebler.....	45.00
A. Lacey.....	534.00
G. B. Langford.....	10.00
R. F. Legget.....	50.00
Tracy Le May.....	50.00
Miss H. P. Le Vesconte.....	600.00
Miss Lillian Le Vesconte.....	200.00
H. A. Logan.....	326.00
J. A. Long.....	415.00
Miss Isobel Loudon.....	1,310.00
W. R. Loughlen.....	15.00
J. E. Loughlin.....	240.00
H. R. MacCallum.....	210.00
Miss M. D. MacDonald.....	200.00
W. J. McAndrew.....	300.00
W. J. McCurdy.....	210.00
D. J. McDougall.....	305.00
J. A. McGeachy.....	100.00
J. R. McGillivray.....	130.00
J. Campbell McInnes.....	400.00
R. W. McKay.....	150.00
A. T. McLachlan.....	1,200.00
J. F. McLaren.....	50.00
G. A. McMullen.....	200.00
Miss Kathleen I. McMurrich.....	775.00
J. R. Mallory.....	16.00

E. J. Maltby	\$ 30.00
F. R. Manuel	15.00
Leonard Marsh	90.50
Miss E. Martin	200.00
Miss Catherine Masters	30.00
A. S. Mathers	50.00
A. D. Misener	100.00
George Mooney, lecture \$50.00; travelling expenses, \$34.60	84.60
J. D. Morrow	9.00
Miss Dorothy Mulkern	900.00
W. L. Murch	13.50
H. E. Murray	6.00
S. G. Murray	150.00
G. M. Neff	10.00
J. A. Newcombe	370.00
L. H. Newell	133.50
Mrs. Sally Norell	120.00
Miss R. J. Northcott	75.00
Mary L. Northway	210.00
T. W. Oates	81.00
W. E. Ogden	30.00
V. J. Okulitch	200.00
L. M. Orton, lecture, \$50.00; expenses, \$59.63	109.63
D. D. Panabaker	370.00
M. P. Parmenter	100.00
P. A. Petrie	10.50
Miss Lilian Pollard	1,800.00
I. R. Pounder	22.00
D. F. Putnam	105.00
Miss Florence Quinlan	120.00
N. W. Radford	420.00
W. J. Rae	10.00
Miss Ruth Ramsden	50.00
Nelson Riley	300.00
J. Ritchie	5.00
F. H. Robinson	30.00
Miss Isobel Robinson	1,200.00
G. Rogers	15.00
K. H. Rogers	200.00
L. J. Rogers	10.00
Hector Ross	40.00
Miss Mary Russell	70.00
J. H. Ryan	300.00
E. Stanley Ryerson	200.00
H. E. Rykert	40.00
R. M. Saunders	384.00
C. I. Scott	60.00
B. W. Sharpe	300.00
C. E. Shumaker	30.00
B. P. Skey	460.00
W. J. Smallacombe	10.00
F. A. Smith	986.00
V. G. Smith	200.00
E. E. Sparrow	40.00
H. H. Stedman	30.00
Gordon G. Steele	200.00
Harold Storms	10.00
B. F. Sullivan	570.00
H. P. Sutton	23.00
M. D. C. Tait	354.00
G. Tatham	455.00
Griffith Taylor	410.00
H. Taylor	40.00
J. W. Temple	30.00
J. E. Thomson	100.00
R. B. Thomson	25.00
Walter Von Treschow	70.37
Ralph Walker, lecture, \$50.00; travelling expenses, \$75.01	125.01
D. B. Wallace	5.00
R. M. Wansbrough	70.00
Miss Gertrude Watt	100.00

Miss Robin Wearne.....	\$ 450.00
W. C. White.....	200.00
B. Wilkinson.....	100.00
E. T. Williams.....	200.00
N. D. Wilson.....	50.00
W. C. Wonders.....	90.00
Miss Elizabeth Wood.....	117.25
Mrs. Florence E. Woodcock.....	1,400.00
Attendants (\$1,528.90):	
Miss Beatrice Alexander.....	34.50
F. Borebank.....	57.50
Mrs. N. M. Bouillianne.....	28.50
Miss W. Brodie.....	39.00
Mrs. W. Grace Campbell.....	12.00
A. Clarke.....	85.00
Mrs. Mona A. Colesbury.....	43.50
Mrs. K. M. Davis.....	63.00
Robert Evans.....	24.00
J. Goffney.....	10.00
Miss Marion M. Hargreaves.....	105.00
Miss Bernita Hart.....	64.50
H. Hull.....	55.00
A. G. Keel.....	126.50
Miss Betty Kingston.....	18.00
Mrs. A. H. Lowe.....	84.00
Miss Joyce McClennan.....	54.00
J. McCormack.....	48.00
H. McGee.....	29.00
Miss Audrey Roland.....	21.00
P. Scollick.....	107.50
B. W. Sharpe.....	129.00
H. Shields.....	12.50
Miss L. Thompson.....	73.50
Arthur Verrall.....	69.00
Robert Verrall.....	48.00
M. V. Walker.....	55.00
Sundry persons (13).....	32.40

APPORTIONMENT OF THE FOREGOING

	Instructors	Attendants	Traveling Expenses	Total
Summer Courses.....	\$ 5,805.00			\$ 5,805.00
Teachers' Classes.....	5,530.00	\$ 168.05		5,698.05
Correspondence Courses:				
Pass Course for Teachers.....	1,082.00			1,082.00
Upper School and Commercial.....	716.50			716.50
Evening Tutorial Classes.....	10,835.00	1,305.85		12,140.85
Rural Tutorial Classes.....	300.00			300.00
Canadian Association for Adult Education.....	500.00			500.00
Short Courses.....	20.00			20.00
Occupational Therapy.....	8,510.00			8,510.00
Physiotherapy.....	8,545.00			8,545.00
Business Courses.....	730.37			730.37
Town Planning Course.....	1,257.75	55.00	\$ 445.75	1,758.50

Remuneration to Instructors, Attendants, etc., as detailed above..... \$ 45,806.27

Sundry Expenses:

Teachers' Classes:	
Superintendent's Dept., labour.....	12.50
Evening Tutorial Classes (Urban) (\$262.00):	
Photographic Service, slides.....	40.00
Reeves and Son, Ltd., paper.....	8.00
Toronto Conservatory of Music, Use of room and piano.....	190.00
Superintendent's Dept., labour.....	24.00
Rural Tutorial Classes:	
Community Life Training Institute, instruction.....	\$ 1,700.00
Canadian Association for Adult Education, grant.....	500.00

Occupational Therapy (\$1,837.18):	
Institute of Child Study, child study.....	\$ 200.00
Ontario College of Art, instruction.....	700.00
Toronto Association of Occupational Therapy, instruction....	475.00
Toronto General Hospital, instruction in nursing.....	60.00
Superintendent's Dept., labour, \$290.26; material, \$111.92 ...	402.18
Physiotherapy (\$1,472.77):	
Allen Manufacturing Co., laundry.....	20.88
P. Burns and Co., fuel.....	87.00
Canadian Pacific Railway Co., funds cabled for passage from England of Instructors in Physiotherapy:	
Miss Lillian B. Pollard, Chief Instructor.....	247.46
Miss Dorothy M. Mulkern, Instructor.....	247.46
Globe Furniture Co., chairs.....	50.54
Grand and Toy Ltd., oak case.....	27.75
Hospital for Sick Children, use of pool.....	75.00
Toronto General Hospital, instruction in nursing.....	180.00
Physics Department, instruction.....	300.00
Harold A. Wilson Co., medicine ball.....	13.50
Accounts under \$10.00 (2).....	9.35
Superintendent's Dept., labour, \$169.60; material, \$44.23.....	213.83
Aerial Navigation (Link Trainer Instruction) (Nothing spent)	
Radio Technique (Nothing spent)	
Business Courses:	
University Press, printing and stationery.....	299.97
Books for Loan to Extension Students (\$130.24):	
MacMillan Co. of Canada.....	2.48
University Press, printing and stationery.....	127.76
Office Expenses:	
Stationery, printing, postage supplies and incidentals (\$4,859.72):	
Canadian National Telegraphs, telegrams.....	10.23
Canadian Pacific Railway, telegrams.....	29.38
D. Gestetner Ltd., ink, paper, stencils.....	2,097.74
Might Directories, subscription railway and steamboat guide.....	7.50
Office Specialty Manufacturing Co., cabinet, etc.....	156.75
Postage.....	744.00
Robbins and Townsend, typewriter service, rentals, ribbons, staples.....	80.90
University Press, printing and stationery.....	1,603.57
Sundry disbursements by department, stationery, \$17.47; supplies, \$15.05; sundries and carfare, \$20.73; telephone and telegraph, \$18.68; express, \$.60.....	72.53
Superintendent's Dept., telephone, \$27.86; freight, \$6.81; labour, \$22.40; material, \$.05.....	57.12
Extra Clerical Assistance (\$5,317.69):	
Mrs. Catherine Ashbourne, 19½ weeks (paid also \$500.00 in University Expansion).....	390.90
Miss Georgina Ashbourne, 27½ weeks.....	439.97
Miss Yvonne Barrie, 2 weeks.....	38.00
Miss Welhelmine Brodie, 20 weeks, 8 days.....	472.00
Lois E. Brooks, 4½ weeks.....	81.00
Miss Viola Brown, 41 1/6 weeks.....	617.50
Mrs. Grace Carson, 1,024 hours.....	538.40
Mrs. Mona Colesbury, 48 2/6 weeks.....	870.00
Miss Kathleen Green, 18 4/6 weeks.....	354.67
Mrs. Audrey Gilroy, 39 2/6 weeks.....	629.34
Miss Lois Kilby, 52 1/6 weeks.....	730.32
Mrs. Eileen D. Ruttan, 6 weeks.....	108.00
Mrs. Mary A. Taylor, 1 week, 53 hours.....	47.59
Town Planning Course (\$1,176.45):	
Brigden's Ltd., preparing drawings.....	27.00
Comptroller, Hart House, rental of theatre.....	15.00
D. Gestetner Ltd., stencils.....	309.36

Rainbow Lantern Slide Co., slides, postcards.....	\$	29.22	
Rapid Grip and Batten Ltd., enlargements and prints.....		25.81	
Rous and Mann, lithographed folders.....		305.10	
University Press, printing and stationery.....		433.97	
Accounts under \$10.00 (7).....		30.99	
Special Course in Radio:			
Research Enterprises radio fund.....		324.84	
(b) Publicity:			
Advertising and Announcements (\$1,654.03):			
Argus Magazine.....		10.00	
Barrie Collegiate Institute.....		15.00	
Canadian Association of Occupational Therapy.....		50.00	
Canadian Churchman Ltd.....		16.50	
Canadian Federation of University Women.....		20.00	
Canadian Physiotherapy Association.....		12.50	
Canadian Society of Forest Engineers.....		50.00	
"Cap and Gown" Wycliffe College.....		15.00	
Dufferin School Old Boys' Association.....		15.00	
"Echoes" I.O.D.E.....		38.50	
Educational Courier.....		42.00	
Evening Telegram.....		206.25	
Globe Printing Co.....		297.85	
The Grumbler.....		15.00	
Hamilton Normal School.....		10.00	
Journal Dailies.....		10.80	
Labour Leader Publishing Co.....		50.00	
The Magnet.....		13.00	
Ontario Bonspiel.....		25.00	
Ontario Educational Association.....		25.00	
Ontario School Trustees and Ratepayers Association.....		20.00	
Ontario Secondary School Teachers' Association.....		30.00	
Ottawa Normal School.....		12.00	
The Reflex.....		50.00	
Ridley College.....		25.00	
Robur, Lawrence Park C.I.....		15.00	
"The School" Ontario College of Education.....		90.00	
Toronto Normal School Year Book.....		20.00	
The Toronto Star Ltd.....		202.30	
University of Toronto Alumni Federation.....		20.00	
University of Toronto Monthly.....		40.00	
University Press.....		119.13	
Accounts under \$10.00 (12).....		73.20	
Issue of University Bulletins, exhibits and other forms of publicity (\$2,567.39):			
Canadian Press Clipping Bureau, service.....		55.00	
Photographic Service, prints, slides, enlargements.....		59.95	
Postage.....		1,600.00	
University Press, printing and stationery.....		843.99	
Superintendent's Dept., labour, \$6.07; material, \$2.38.....		8.45	
Travelling Expenses of organizers and speakers: (Nothing spent)			
			\$ 67,921.05
Less Credits:			
Sale of Publications.....	\$	1,938.20	
Sale of Star Maps.....		384.00	
Sale of bulletins.....		37.31	
Sale of mimeograph supplies.....		1,002.86	
Provincial Government re expenses of Town Planning Course.....		500.00	
Dominion Government Grant, Personnel Ad- ministration Course.....		1,706.63	
Dominion Government Grant, Canadian Army Course.....		176.37	
			\$ 5,745.37
			<u>\$ 62,175.68</u>
			<u>\$ 75,846.52</u>

XVIII. MEN'S RESIDENCES

Maintenance of Buildings

(a) University (North, East and South Houses):			
Heat and Light.....		\$	4,017.61
Fuel and Gas (\$117.13):			
P. Burns and Co.....			116.00
Consumers Gas Co.....			1.13
Water.....			292.66
Caretaker's Supplies:			
Superintendent's Dept., material.....			441.75
Cleaning and House Service (\$5,853.93):			
Allen Mfg. Co., laundry.....			538.93
Superintendent's Dept., labour.....			5,315.00
Repairs and renewals (\$2,455.77):			
Wm. Bartlett and Son, shades.....			538.01
Superintendent's Dept., labour, \$1,602.62; material, \$239.54			1,842.16
Caretaker: H. Brown, 12 months.....			1,500.00
		\$	14,603.25
Less: Heat and light charged to Central Power Plant.....			4,017.61
			<u>\$ 10,585.64</u>
(b) University College (No. 73 St. George Street):			
Light.....		\$	180.71
Fuel (\$1,053.71):			
P. Burns and Co.....			224.51
Great Lakes Coal Co.....			65.10
Halliday Bros. Ltd.....			764.10
Gas, \$9.77; water, \$69.18.....			78.95
Caretaker's Supplies:			
Superintendent's Dept., material.....			108.84
Cleaning and Furnaceman (\$2,982.67):			
Allen Mfg. Co., laundry.....			144.94
Superintendent's Dept., labour.....			2,837.73
Repairs and Renewals (\$823.38):			
John Smith, upholstery.....			4.00
Superintendent's Dept., labour, \$639.61; material, \$179.77			819.38
		\$	5,228.26
Less: Light charged to Central Power Plant... \$	180.71		
Credits: Repairs and renewals.....	24.13		
			<u>204.84</u>
			<u>\$ 5,023.42</u>
			<u><u>\$ 15,609.06</u></u>

XIX. WOMEN'S RESIDENCES AND UNION

Maintenance of Buildings

Whitney Hall:			
Heat and Light.....		\$	4,459.13
Fuel (\$130.09):			
P. Burns and Co.....			44.57
Canada Coal Co.....			40.01
Great Lakes Coal Co.....			44.27
Superintendent's Dept., labour.....			1.24
Gas, \$342.96; water, \$440.92.....			783.88

Repairs and renewals (\$2,618.88):	
Allen Mfg. Co., laundry.....	\$ 15.40
City Treasurer, elevator license.....	5.00
High Park Window Cleaners.....	35.68
J. H. Lock and Sons Ltd., refrigerator repairs.....	63.52
Perrin-Turner Ltd., refrigerator repairs.....	33.65
Vulcan Asphalt and Supply Co., repairs to tile floor.....	27.55
Window Shades and Fittings Reg'd., shades.....	27.22
Superintendent's Dept., labour \$1,712.05; material, \$698.81.	2,410.86
Furnace and Boiler man:	
Superintendent's Dept., labour.....	600.91
	\$ 8,592.89
Less: Heat and light charged to Central Power Plant.....	4,459.13
	\$ 4,133.76
92 and 94 St. George Street:	
Fuel (\$1,122.49):	
P. Burns and Co.....	\$ 253.73
Halliday Bros.....	868.76
Gas, \$23.44; electric current, \$83.64; water, \$65.60.....	172.68
Repairs and Renewals (\$1,366.26):	
Wm. Bartlett and Son, shades.....	15.38
High Park Window Cleaners.....	9.28
Superintendent's Dept., labour, \$984.20; material, \$357.40.....	1,341.60
Furnace and Boiler man:	
Superintendent's Dept., labour.....	168.30
	\$ 2,829.73
(86 Queen's Park Rehabilitation)	
(President's House)	
(See Miscellaneous and General)	
86 Queen's Park (Graduate House):	
Light.....	\$ 80.72
Fuel (\$577.46):	
P. Burns and Co.....	120.85
Canada Coal Ltd.....	62.45
Halliday Bros.....	393.22
Superintendent's Dept., labour.....	.94
Gas, \$43.54; water, \$29.70.....	73.24
Repairs and Renewals:	
Superintendent's Dept., labour, \$557.98; material, \$133.68.....	691.66
Furnace and Boiler man:	
Superintendent's Dept., labour.....	166.96
	\$ 1,590.04
Less: Light charged to Central Power Plant.....	80.72
	\$ 1,509.32
University College Women's Union:	
Heat and Light.....	1,242.47
Gas (\$153.94):	
Consumers Gas Co.....	152.94
Superintendent's Dept., labour.....	1.01
Water.....	48.39
Repairs and Renewals (\$1,146.98):	
High Park Window Cleaners.....	13.84
Vulcan Asphalt and Supply Co., installing flooring.....	290.00
Accounts under \$10.00 (3).....	17.92
Superintendent's Dept., labour \$684.58; material, \$138.99.....	823.57
Caretaker: Leo Cole, 12 months.....	1,500.00
	\$ 4,090.13
Less: Heat and light charged to Central Power Plant.....	1,242.47
	\$ 2,847.66

5 Willcocks Street:

(See also Alterations 5 Willcocks St. Miscellaneous and General)

Fuel (\$678.54):

P. Burns and Co.....	\$ 85.25
Canada Coal Co. Ltd.....	55.29
Halliday Bros.....	285.25
Purchase of coal on premises.....	252.75
Gas, \$12.27; water, \$33.01; electric current, \$50.36.....	95.64

Repairs and Cleaning (\$996.78):

Wm. Bartlett and Son, shades.....	5.50
Toronto Launderers and Dry Cleaners.....	16.51
Superintendent's Dept., labour, \$775.04; material, \$199.73.....	974.77

Alterations and Rehabilitation (\$2,996.70):

Wm. Bartlett and Son, shades.....	39.73
Brooks Marble and Tile Co., repairs.....	22.00
Cyril G. Reuben and Son, blueprints.....	15.00
Superintendent's Dept., labour \$2,259.42; material, \$660.55.....	2,919.97

\$ 4,767.66

\$ 16,088.13

146 St. George Street:—(See Miscellaneous and General)

Housekeeping Account

(a) Combined General Charges:

Provisions (\$31,734.21):

Acme Farmers Dairy, provisions.....	\$ 2,389.81
B. Amodeo and Son, fruit, vegetables.....	6,208.43
Arcade Florists Ltd., flowers.....	83.25
Barker Bredin Bakeries, bread.....	224.68
Belle-Ewart Ice and Fuel, ice.....	87.82
Bowes Co. Ltd., oil, raisins, prunes.....	333.79
Canada Bread Co., bread, rolls.....	286.16
Canada Dry Ginger Ale.....	130.95
Canada Packers Ltd., butter.....	1,128.73
Chateau Hellman Distributing, cheese.....	21.10
Christie Brown an I Co., biscuits.....	77.91
City Dairy Ltd., milk.....	1,176.95
Craig's Gold Medal Bakery, bread.....	47.30
T. Eaton Co., tape, books, etc.....	32.49
Miss M. B. Ferguson, summer meal allowance.....	51.00
S. Gumport Co. Canada Ltd., gelatine desserts.....	34.69
G. A. Gunnell, eggs.....	226.00
Samuel Harris, meat, fowl.....	6,575.36
Harry Horne Co. Ltd., peanut butter, cocoa, peas, etc.....	129.78
Knoll View Farm, apples, apple juice.....	53.03
Kraft Cheese Ltd., cheese.....	105.47
Lines Ltd., meat.....	160.56
James Lumbers Co. Ltd., groceries.....	1,625.01
McCormick's Ltd., butter, biscuits, candy, etc.....	78.60
D. McIntyre and Co. Ltd., fish.....	684.10
Mclver and Co., meats.....	910.04
Marshall's Co. Ltd., eggs, butter.....	2,176.08
National Grocers Ltd., groceries.....	1,918.46
Wm. Neilson Ltd., ice cream, chocolate.....	649.45
Ontario Honey Producers Corp'n., honey.....	98.64
Porter and Black, eggs.....	184.60
Pure Gold Manufacturing Co., coffee.....	526.81
Purity Bread Ltd., bread.....	235.07
J. M. Schneider Ltd., meat.....	1,176.52
Select Food Products, tomato flavour.....	222.00
E. D. Smith and Sons Ltd., jam, etc.....	16.60
M. J. Smith, vegetables.....	181.00
J. H. Stafford Industries Ltd., syrup, jelly powders.....	251.65
Watson Food Products, potato chips.....	84.00
Geo. Weston Ltd., biscuits.....	100.62
Wonder Bakeries Ltd., bread.....	398.56
York Trading Ltd., pastry flour, etc.....	556.99
Accounts under \$10.00 (2).....	16.55
Sundry disbursements by Miss M. B. Ferguson.....	77.60

Cleaning and House Service (\$11,962.31):

T. Eaton Co., chinaware, towels, etc.....	\$	124.10
Evening Telegram, advertising.....		22.63
Globe Printing Co., advertising.....		34.68
A. Guinness and Co., paper goods.....		192.74
Hospital and Kitchen Equipment, pans, etc.....		26.00
Hygiene Products Ltd., soap.....		162.00
Parisian Laundry Co.....		67.80
Stewart Le Grice Ltd., candies.....		12.00
Toronto Star Ltd., advertising.....		41.01
Wilkins Smallware Co. Ltd., paper goods.....		13.00
Wrought Iron Range Co., cooking utensils.....		20.22
Accounts under \$10.00 (2).....		11.68
Paylists, wages of maids, etc.....	10,173.28	
Sundry disbursements by Miss M. B. Ferguson.....		18.36
Superintendent's Dept., material, \$9.68; labour, \$1,033.13.....		1,042.81

Furnishings and Sundry Renewals (\$1,980.04):

Burmah Studio, repairs.....		12.00
Cassidy's Ltd., glassware.....		650.82
Consumers Gas Co., range.....		447.36
T. Eaton Co., furniture, etc.....		175.94
Hubbard Portable Oven Co., oven.....		223.65
Kelvinator Co. of Canada Ltd., repairs.....		140.00
S. H. Newman Co., hot water urn and stand.....		111.50
Lionel Rawlinson, drawers.....		40.00
Accounts under \$10.00 (2).....		11.69
Superintendent's Dept., labour, \$123.01; material, \$44.07.....		167.08

Office Supplies, infirmary service, etc (\$326.71):

Grand and Toy Ltd., stationery.....		8.80
W. S. Johnson and Co., lunch tickets.....		27.00
Postage.....		30.00
Remington Rand Ltd., typewriter \$133.13 less sale of old machine to Robbins and Townsend, \$17.50.....		115.63
University Press, printing and stationery.....		83.13
Sundry disbursements by Miss M. B. Ferguson.....		20.80
Superintendent's Dept., labour, \$38.82; material, \$2.53.....		41.35

Staff Salaries (additional to Dean of Women charged under University College General):

Dietitians (with living allowance valued at \$400.00 each):		
Miss V. R. Murphy, 12 months.....		1,800.00
Miss Phyllis West, 12 months.....		1,200.00
Secretary-Hostess (with living allowance valued at \$400.00):		
Miss Dickie, 12 months.....		916.67
Nurse-Housekeeper (with living allowance valued at \$400.00):		
Mme. Josette Ledoux, 12 months.....		1,100.00
Summer Assistant:		
Mrs. Marriott.....		418.33

\$ 51,438.27

Less: Charged to Women's Union.....	\$	400.00
Charged to Whitney Hall.....		600.00

1,000.00

\$ 50,438.27

(b) University College Women's Union:

Cleaning and House Service (\$1,165.08):

Maids' wages and sundry help.....	\$	870.74
Parisian Laundry.....		43.07
Parker's Dye Works, cleaning.....		40.72
Turco-Persian Rug, rugs cleaned.....		31.12
Accounts under \$10.00 (5).....		19.48
Sundry disbursements by Miss M. B. Ferguson.....		3.03
Superintendent's Dept., labour, \$34.48; material, \$122.44.....		156.92

Furnishings and Sundry Renewals (\$561.35):

Brown's Upholstery, recovering seat.....		16.00
T. Eaton Co., draperies, etc.....		377.66
Geo. M. Hendry Co. Ltd., easel.....		16.51

Robert Simpson Co., towels, springs, etc.....	\$	119.61
Accounts under \$10.00 (3).....		11.64
Superintendent's Dept., labour, \$10.45; material, \$9.48.....		19.93

Housekeeping—Miscellaneous (\$46.10):

Heintzman and Co., piano tuning.....		15.00
Rohers Book Shop, magazines.....		15.60
Accounts under \$10.00 (4).....		15.50
Share of Salaries detailed under Combined General Charges.....		400.00

 \$2,172.53

(c) Whitney Hall:

Cleaning and House Service (\$7,283.81):

Canada Label and Webbing Co. Ltd., labels.....	\$	25.41
T. Eaton Co., towels, etc.....		10.74
Hygiene Products Ltd., soap.....		131.74
Maids' wages and sundry help.....	5,579.68	
Parisian Laundry.....		547.58
Parker's Dye Works, cleaning.....		234.12
Robert Simpson Co., sheeting.....		197.49
White Window Cleaning Co.....		32.00
Accounts under \$10.00 (3).....		20.26
Sundry disbursements by Miss M. B. Ferguson.....		12.93
Superintendent's Dept., material, \$303.68; labour, \$188.18.....		491.86

Furnishings and Sundry Renewals (\$805.51):

Brown's Upholstery, repairing chairs, etc.....		190.80
T. Eaton Co., material, mopheads, etc.....		216.78
Robt. Simpson Co., beds, mats.....		290.96
Superintendent's Dept., material.....		106.97

Miscellaneous—Piano, Magazines, etc.. (\$10.00):

Miss M. B. Ferguson, radio license.....		2.50
Heintzman and Co., piano tuning.....		7.50

Share of Salaries detailed under Combined General Charges.....		600.00
--	--	--------

 \$ 8,699.32

(d) 92 and 94 St. George Street (Hutton House):

Cleaning and House Service (\$1,686.69):

Maids' wages and sundry help.....	\$	1,172.53
Meals for Resident Head.....		160.00
Parisian Laundry Co.....		133.02
Parker's Dye Works, cleaning.....		18.62
Turco-Persian Rug, rugs cleaned.....		14.82
Accounts under \$10.00 (4).....		27.68
Sundry disbursements by Miss M. B. Ferguson.....		37.65
Superintendent's Dept., labour, \$23.58; material, \$98.79.....		122.37

Furnishings and Sundry Renewals (\$255.23):

Adanac Glass Service, mirrors.....		25.50
Brown's Upholstery, repairs.....		57.00
Robt. Simpson Co., sheeting.....		146.15
Superintendent's Dept., labour, \$12.28; material, \$14.30.....		26.58

Miscellaneous (\$8.07):

T. Eaton Co., radio tubes.....		3.07
Miss M. B. Ferguson, radio license.....		2.50
Heintzman and Co., tuning piano.....		2.50

 \$ 1,949.99

(e) 86 Queen's Park:

Cleaning and House Service (\$1,175.28):

T. Eaton Co., supplies.....	\$	10.02
Maids' wages and sundry help.....		821.04
Meals for Resident Head.....		160.00
Parisian Laundry.....		65.94
Parker's Dye Works Ltd., cleaning.....		18.97
Accounts under \$10.00 (3).....		26.89
Sundry disbursements by Miss M. B. Ferguson.....		21.30
Superintendent's Dept., labour, \$6.37; material, \$44.75.....		51.12

Furnishings and Sundry Renewals (\$212.39):

T. Eaton Co., towels.....	\$	35.49
Parson, Steiner Ltd., cups and saucers.....		8.35
Robert Simpson Co., sheeting.....		144.92
Superintendent's Dept., material.....		23.63

Miscellaneous (\$5.00):

Miss M. B. Ferguson, radio license.....		2.50
Heintzman and Co., piano tuning.....		2.50

 \$ 1,392.67

(f) 5 Willcocks Street:

Cleaning and House Service (\$1,171.81):

Maids' wages and sundry help.....	\$	723.49
Meals for Resident Head.....		160.00
Parisian Laundry.....		56.00
Parkers' Dye Works, cleaning.....		26.76
Accounts under \$10.00 (2).....		9.83
Sundry disbursements by Miss M. B. Ferguson.....		40.13
Superintendent's Dept., labour, \$73.21; material, \$82.39.....		155.60

Furnishings—Re-upholstering, new Furniture (\$3,236.72):

T. Eaton Co., desks, chairs, beds.....		2,410.97
John Kay Co., rug.....		55.00
Robert Simpson Co., mats, etc.....		85.75
Accounts under \$10.00 (3).....		18.50
Superintendent's Dept., material.....		666.50

Furnishings and Sundry Renewals:

T. Eaton Co., poles, rods.....		48.27
--------------------------------	--	-------

Miscellaneous (\$5.00):

Miss M. B. Ferguson, radio license.....		2.50
Heintzman and Co., piano tuning.....		2.50

 \$ 4,461.80

 \$ 69,114.58

Less credits: Student damages.....	\$	279.10
Lost rings.....		11.50
Sale of material.....		17.10

 307.70

 \$ 68,806.88

 \$ 84,895.01

XX. CENTRAL POWER PLANT

(a) Operating Expenses:

Fuel (\$97,354.03):

Canada Coal Co.....	\$	46,516.17
Great Lakes Coal Co.....		50,811.95
Superintendent's Dept., material, \$11.04; labour, \$14.87.....		25.91
Hydro-Electric Current, \$31,009.06; water, \$479.60.....		31,488.66

Engineer's Supplies, removal of ashes, repairs and renewals, and miscellaneous items (\$16,114.94):

Aikenhead Hardware Co., trays.....		31.70
V. D. Anderson Co., valves.....		13.37
Babcock, Wilcox, Goldie and McCulloch, pump repairs.....		292.99
Beldham Asbestos Packing Ltd., gaskets, etc.....		71.17
Canadian Allis Chalmers Ltd., belts, valves, etc.....		73.13
Canadian Charts and Supplies, charts.....		38.14
Canadian Fairbanks-Morse Co., overhauling truck.....		218.25
Canadian Johns-Manville Co., wall covering.....		11.50
Canadian Gasket Co., gaskets.....		37.45
Canadian General Electric Co., springs.....		181.47
Canadian National Carbon Co., brushes, etc.....		197.51
Canadian Inspections and Testing Co., coal analyses.....		54.00
Canadian Westinghouse Co., fingers.....		31.80
Darling Bros., filter cloths.....		39.74
Dearborn Chemical Co., feedwater treatment.....		438.63
Diamond Specialty Ltd., goosenecks, elements.....		525.10

Dominion Wheel Foundries Ltd., grates	\$ 346.28	
Downtown Welding, welding	867.54	
Evening Telegram, advertising	31.85	
Foster Wheeler Ltd., bar caps, grates, etc.....	1,934.29	
A. P. Green Firebrick Co., clay.....	1,123.80	
Globe Printing Co., advertising	30.50	
McCull Frontenac Oil Co., oil	407.54	
Toronto Star Limited, advertising	29.40	
Turnbull Elevator Co., bearings.....	59.68	
University Extension Dept., material for mimeographing	16.50	
Warren Steam Pump Co., pump repairs.....	96.18	
Weights and Measures Inspection Service, inspecting scales.....	10.00	
University Press, printing	22.14	
Accounts under \$10.00 (4).....	30.49	
Superintendent's Dept., freight, \$69.74; labour, \$6,023.32; material, \$2,759.44	8,852.50	
(b) Engineers, assistant engineers, firemen, boiler cleaners and trimmers:		
Chief Engineer, C. S. Moseley, 12 months.....	2,900.00	
Assistant Engineers (\$7,675.05):		
A. Jenkinson, 7 months.....	1,070.00	
Henry C. McLean, 12 months.....	1,787.50	
L. McMaster, 12 months.....	1,920.00	
Wm. Smith, 12 months.....	1,920.00	
Wm. E. Abbott (on war service) pension	97.10	
A. E. McHugh, 5½ months, \$850.00; pension, \$30.45	880.45	
Boiler Cleaner:		
M. S. Andrews, 12 months	1,535.12	
Pump Attendant:		
G. Connor, 12 months.....	1,540.24	
Firemen and trimmers at 61c to 67c per hour:		
Sundry persons.....	14,316.33	
	\$172,924.37	
Less credit: Sale of cinders	20.63	
	<u>\$172,903.74</u>	

XXI. MISCELLANEOUS AND GENERAL

Alterations 146 St. George Street

British American Oil, fuel oil.....	\$ 74.74	
Canada Permanent Trust Co., allowance re fuel oil upon purchase of property	15.38	
Accounts under \$10.00 (3).....	8.18	
Superintendent's Dept., labour, \$3,218.48; material, \$2,775.17.....	5,993.65	
	\$ 6,091.95	
Less credit: Sale of material.....	5.00	
	\$ 6,086.95	
Additional alterations to be accounted for in session 1944-45.....	7,913.05	\$ 14,000.00

Alterations 5 Willcocks Street

Superintendent's Dept., labour, \$880.61; material, \$892.80.....	\$ 1,773.41	
Additional alterations to be accounted for in session 1944-45	5,226.59	\$ 7,000.00

Sir Frederick Banting Records

Expenses:		
Miss K. E. Barker, salary.....	\$ 504.30	
Miss Alice Shannon, salary.....	26.50	
University Press, printing and stationery.....	40.93	
Accounts under \$10.00 (2).....	5.31	
	\$ 577.04	
To be accounted for in session 1944-45.....	222.96	\$ 800.00

Bursaries

Awards to sundry students:

Faculty of Applied Science.....	\$ 1,000.00	
Faculty of Arts.....	6,205.00	
School of Graduate Studies.....	175.00	
School of Physical and Health Education	10.00	
		\$ 7,390.00

Contingencies

Appropriations to meet unforeseen expenditure (\$764.41):

Canada Permanent Mortgage Co., proportion of taxes paid on 5 Willcocks St.....	\$ 127.60
Chartered Trust and Executor Co., Valuation of 146 St. George St.....	10.00
City Treasurer, Toronto, Local improvement taxes assessed, following purchase by the University; 78 Queen's Park, \$92.62; 119 St. George St., \$13.80.....	106.42
Dunlop's Ltd., flowers for funerals.....	98.00
E. Grainger and Co., roses for Sir Wm. Mulock's 100th Birthday.....	50.00
King's Printer, Ontario, 50 copies of University annual report.....	267.85
John Pinches Ltd., Bothwell medal.....	25.07
Poppy Fund of Toronto, wreath for Remembrance Day Service, Memorial Tower.....	12.00
University of Toronto Employees Association, donation towards picnic.....	50.00
Accounts under \$10.00 (5).....	17.47

Workmen's Compensation:

Workmen's Compensation Board, to cover allowances to employees, etc.....	542.38
--	--------

Medical Services for injured employees, etc. (\$294.50):

Dr. S. J. Evelyn.....	12.50
Drs. Richards, Singleton and Hall.....	20.00
Dr. Roy Thomas.....	111.50
Toronto General Hospital.....	140.50
Sundry doctors (3).....	10.00
	\$ 1,601.29

Publications and Societies

Alumni Federation.....	\$ 2,500.00
American School at Athens.....	50.00
American School of Oriental Research, Bagdad.....	100.00
American School of Oriental Research, Jerusalem.....	100.00
Association of American Universities.....	50.00
British School of Archaeology, Jerusalem.....	100.00
National Conference of Canadian Universities.....	60.00
Royal Astronomical Society, copies of journal.....	150.00
Royal Society of Canada.....	400.00
Universities Bureau, London, England.....	268.86
Students' Administrative Council (re students' lodging).....	100.00
	\$ 3,878.86

**86 Queen's Park Rehabilitation
(President's House)**

T. Eaton Co., paper.....	\$ 33.08
Hilliard and Somers, caulking.....	50.00
Scottish Chemical and Fumigators, fumigating.....	112.00
Superintendent's Dept., labour, \$2,778.61; material, \$784.63.....	3,563.24
	\$ 3,758.32
Additional alterations to be accounted for in session 1944-45.....	1,741.68
	\$ 5,500.00

Receptions to Societies and University Visitors

Expenses re sundry public lectures (\$628.55):

Prof. L. C. Karpinski.....	\$ 25.00
Prof. E. S. Moore.....	50.00
E. H. Norman.....	23.55
Sir Bernard Pares.....	350.00
J. S. Reid.....	70.00

Prof. S. R. Tompkins.....	\$	10.00	
Prof. N. Wiener.....		100.00	
Catering on sundry occasions (\$332.80):			
Hart House, lunches and dinners for sundry guests.....		106.93	
Refreshments, etc., re reception to Crown Prince of Norway.....		77.00	
York Club, sundry guests (President H. J. Cody).....		148.87	
	\$	961.35	
Less Donations from:			
Sir Ellsworth Flavelle.....	\$	275.00	
Anonymous.....		250.00	
		525.00	
	\$		436.35

Senate Elections

(Nothing Spent)

Travelling Expenses

President and Academic Staff (\$1,078.04):

President H. J. Cody.....	\$	195.57	
Lady Banting.....		13.86	
Prof. G. W. Brown.....		30.00	
Prof. H. M. Cassidy.....		67.78	
Dr. C. A. Corrigan.....		50.00	
Dean Cosens.....		42.80	
Dr. F. P. Dewar.....		55.00	
A. B. Fennell.....		16.55	
Miss B. M. Finlayson.....		109.20	
Miss J. M. Forster.....		42.28	
Prof. M. G. Griffiths.....		75.00	
Prof. H. A. Innis.....		30.90	
Prof. S. K. Jaffary.....		87.05	
Dean Mason.....		50.00	
Dr. E. S. Ryerson.....		57.03	
Prof. E. W. R. Steachie.....		25.00	
Dr. R. W. I. Urquhart.....		52.66	
W. S. Wallace.....		69.26	
Prof. G. F. Wright.....		8.10	
Out of town members of the Senate (\$587.90):			
Judge D. J. Cowan.....		78.80	
Dr. H. C. Griffith.....		30.00	
Dr. J. H. Hardy.....		76.15	
E. D. McGilvray.....		49.60	
T. M. Mulligan.....		32.95	
J. P. S. Nethercott.....		80.95	
H. S. Robertson.....		23.10	
W. J. Salter.....		80.60	
Prof. A. R. Walker.....		111.75	
Sundry persons under \$10.00 (3).....		24.00	
	\$		1,665.94

University of Toronto Expansion Fund

Expenses:

Mrs. Catherine Ashbourne, wages, 20 5/6 weeks (paid also \$390.90 in University Extension).....	\$	500.00	
Canadian National Telegraphs, cables.....		42.62	
Grand and Toy Ltd., desk, cabinet, etc.....		128.62	
Postage.....		28.00	
Remington-Rand, line-a-time.....		25.75	
Robbins and Townsend, typewriter service.....		1.20	
Underwood Elliott Fisher, typewriter.....		141.75	
University Press, printing and stationery.....		53.41	
Sundry disbursements: transportation, \$23.75; lunches, \$55.30; sundries, \$12.50.....		91.55	
	\$	1,012.90	
Additional expenditure to be accounted for in session 1944-45.....		3,987.10	
	\$		5,000.00
			<u>\$ 47,272.44</u>

XXII. CAPITAL ACCOUNT CHARGES

Accountant, Supreme Court of Ontario, thirty-fifth annual payment on debenture issue of 1909	\$ 25,260.00	
Less portion charged to Ontario College of Education	10,000.00	
		\$ 15,260.00
Toronto General Hospital, thirty-third annual payment on debenture issue of 1911 re Grant to Toronto General Hospital		15,157.00
Toronto General Hospital, thirty-third annual payment on debenture issue of 1911 re Old Pathological Building		6,568.00
Accountant, Supreme Court of Ontario, twenty-ninth annual payment on debenture issue of 1915 re Hart House		5,975.00
Accountant, Supreme Court of Ontario, twentieth and final annual payment on debenture issue of 1924 re Forestry Building		10,000.00
Accountant, Supreme Court of Ontario, fifteenth annual payment on debenture issue of 1929 re Banting Institute		64,193.00
Royal College of Dental Surgeons, interest on liability of \$50,000.00		2,000.00
		<u>\$119,153.00</u>

XXIII. SPECIAL RESEARCH

Departmental Appropriations

(a) Arts:

Botany:

Research Assistants (Sessional—\$1,397.50):

Miss C. Dill (paid also \$720 in Department)	\$ 720.00
J. J. Miller, 2½ mos. (paid also \$560 in Department)	175.00
G. F. D. Duff, 2 mos. 5 days	130.00
Mrs. Isa Miller, 1½ mos.	105.00
Miss V. Facey, 1 mo. (paid also \$560 in Department)	70.00
K. H. Rothfels	70.00
J. T. Slykhuis } each 1 mo.	70.00
Miss P. Austin, 1 week	24.00
Miss H. M. MacDougall, 1 week	15.00
Miss S. J. Kennedy, 44 hours	11.00
L. C. Coleman	7.50

Expenses (\$1,594.86):

Aikenhead Hardware Ltd., drills	12.63
British Drug Houses Ltd., chemicals	51.89
Canadian Laboratory Supplies, glassware, chemicals, etc.	117.18
Canadian Liquid Air Co., oxygen, nitrogen	47.72
Walter A. Carveth & Co., repairs	72.75
Central Scientific Co., glassware, filter paper, etc.	505.87
Corning Glassworks, flasks, etc.	95.68
Difco Laboratories, chemicals	48.25
Fisher Scientific Co., chemicals	16.22
Intelligencer Printing Co., reprints	29.20
Mallinckrodt Chemical Works, chemicals	10.59
H. V. Steer Engineering, microscope lamps	90.00
Taylor Instrument Co., thermometers	13.65
Telfer Paper Box Co., cases	25.92
Triarch Botanical Products, microscope slides	66.88
Fred Wood, repairs	45.50
University Press, printing and stationery	56.68
Travelling and collecting expenses:	
H. S. Jackson	57.64
D. L. Bailey	16.52
Accounts under \$10.00 (10)	57.67
Sundry disbursements by department: stationery, \$2.36; supplies, \$4.61; sundries, \$5.96; carfare, \$.75; postage, \$11.32	25.00
Superintendent's Dept., labour, \$20.30; material, \$111.12	131.42
	<u>\$ 2,992.36</u>

Zoology:

Research Assistants (Sessional—\$3,253.67):

J. C. Hall (paid also \$119.86 in Department)	\$ 530.14
K. Graham	500.00

S. N. Tibbo.....	\$ 500.00
D. B. Waddell.....	500.00
Mrs. Grace W. Scott.....	450.00
L. Chiasson.....	285.00
Dr. V. E. Engelbert (paid also \$1,365.00 in Department and \$200 in School of Physical and Health Education).....	170.00
D. Gourley, 2 mos.....	100.00
E. Gilbert, 11 weeks, 4 days; also 272½ hours.....	210.48
Miss M. Walker, 23 hours.....	8.05

Expenses (\$717.23):

American Institute of Physics, reprints.....	12.20
Central Scientific Co., chemicals, filter paper, etc.....	250.30
Faurot Protective Identification System, paper pads, etc.....	77.69
Maple Leaf Milling Co., flour.....	60.58
Marine Biological Laboratory, frogs.....	30.08
Postage.....	24.00
Toronto Elevators Ltd., feed.....	99.76
Geo. H. Wahmann Mfg. Co., cages.....	89.08
N. F. Walker, travelling expenses.....	23.65
Accounts under \$10.00 (11).....	49.89

\$ 3,970.90

Fisheries Research:

Research Assistants (Sessional—\$2,036.00):

R. R. Langford (paid also \$1,550.00 in Department).....	1,250.00
F. E. J. Fry, at \$1,250.00 (also \$900.00 in Department); on War Service.....	
Mrs. Virginia S. Black, (paid also \$120.00 in Department)....	436.00
Roland Brett (paid also \$35.00 in Department).....	200.00
G. M. Neal (paid also \$1,200.00 in Department).....	150.00

Expenses (\$1,514.46):

Wm. & J. G. Greay Ltd., cloth.....	78.97
W. J. Harkness, travelling expenses.....	48.00
Harpham Bros., tubes.....	54.05
John Leckie Ltd., slickers, boots, rope, etc.....	29.41
National Research Council, reprints.....	23.70
Taylor Instrument Co., thermometers.....	12.20
Troyer National Science Service, goldfish, minnows.....	149.97
Accounts under \$10.00 (7).....	26.49
Sundry disbursements by department: car expenses, repairs, \$50.60; gas, \$106.51; oil, \$12.40; provisions, \$376.60; lumber and hardware, \$79.86; travelling expenses, \$164.30; telephone, telegraph, postage and sundries, \$64.79; living expenses and cook's wages \$185.35.....	1,040.41
Superintendent's Dept., labour, \$20.52; material, \$17.24; sundries, \$13.50.....	51.26

\$ 7,521.36

Less paid by Dominion Government 482.20

\$ 7,039.16

(b) Medicine:

Experimental Medical Research:

Salaries (\$3,397.50):

W. Cowan, Chief Technical Assistant.....	\$ 1,800.00
L. Hughes, Laboratory Assistant.....	840.00

Assistants in Animal Quarters:

W. Green, 7½ mos.....	562.50
F. Hughes, 3 mos.....	195.00

Expenses (\$1,360.71):

Abbott Laboratories Ltd., pentothal.....	77.61
Allen Manufacturing Co., laundry.....	55.11
Bauer and Black, catgut.....	18.48
Cullen and Sons, animals.....	203.50
G. W. Harris and Co., horsemeat.....	86.00
Ingram and Bell Ltd., gloves, bandages, scissors, gauze, etc.....	292.89
F. Jennings, sawdust.....	54.00
Kelvinator of Canada, repairs.....	31.89

John McGillian, vegetables.....	\$	139.50
Ross Miller Biscuit Co., dog biscuits.....		95.92
Robert Simpson Co., overalls.....		54.63
Medical Research Banting Fund, share of cost of painting animal quarters.....		100.00
Accounts under \$10.00 (3).....		15.25
Superintendent's Dept., labour, \$27.56; material, \$108.37.....		135.93
	\$	4,758.21
Charged to Dunlap Bequest.....	\$	3,500.00
Charged to Reeve Bequest.....		500.00
		<u>4,000.00</u>

\$ 758.21

(c) Applied Science:

Applied Physics and Civil Engineering, Surveying and Geodesy:

Research Assistants (\$2,339.99):

E. L. Dodington (paid also \$1,800.00 in Department).....	\$	525.00
E. J. Pivnick.....		375.00
T. L. Rowe (paid also \$1,850.00 in Civil Engineering; Surveying and Geodesy and \$200.00 in Engineering Drawing).....		627.50
R. L. Booth.....		270.83
L. Fiander.....		270.83
H. Jackson.....		270.83

Machinists (\$600.00):

H. V. Steer.....		300.00
D. J. McConnell.....		300.00

Expenses (\$721.03):

Charles F. Balmer and Co., plaster castings.....		190.00
Canadian Fairbanks-Morse Co., armature.....		15.00
Ford Machinery and Supply, air compressor.....		110.00
H. V. Steer Engineering, microscope lamps.....		18.00
Taylor Instrument Co. of Canada, thermometers.....		372.25
Accounts under \$10.00 (2).....		4.38
Superintendent's Dept., telephone, \$10.40; labour, \$1.00.....		11.40

Chemical Engineering:

Research Assistants (\$1,987.83):

W. G. MacElhinney (paid also \$1,600.00 in Department).....		787.83
H. Morawetz.....		500.00
C. Potter (paid also \$925.00 in Department).....		350.00
W. F. Graydon (paid also \$1,600.00 in Department).....		350.00

Expenses (\$839.28):

Corman Engineering Co., platens.....		10.00
Eastman Kodak Co., chloride.....		13.85
Keith Mercer Reg'd., glue spreader, etc.....		631.25
E. F. Williams, travelling expenses.....		47.35
Sundry disbursements by department: lumber and hardware, \$3.59; supplies, \$16.41.....		20.00
Superintendent's Dept., telephone, \$4.95; material, \$31.50; freight, \$80.38.....		116.83

Civil Engineering—Municipal and Structural:

Research Assistants (\$1,009.60):

E. T. Williams (paid also \$1,700.00 in Chemical Engineer- ing).....		787.83
D. H. MacDonald.....		221.77

Expenses:

George Lightwood—drawings.....		150.00
--------------------------------	--	--------

Electrical Engineering:

Expenses (\$111.73):

Canadian General Electric Co., lathe centres.....		38.49
J. K. Smith and Son of Canada Ltd., diamond powder.....		17.15
Toronto Jewellers Supply Co., chromax, focuser, file handles.....		32.00
Accounts under \$10.00 (5).....		24.09

Mechanical Engineering:

Research Assistants (\$787.00):

R. R. Service.....	\$ 437.00
R. C. Cline.....	350.00

Expenses (\$71.60):

University Press, books.....	13.60
Superintendent's Dept., labour, \$45.33; material, \$12.67.....	58.00

Publications, Clerical Assistance, etc. (\$130.83):

Miss D. Birkett, extra clerical assistance.....	50.00
George Brown, stencils.....	8.00
Canadian Mining and Metallurgical Bulletin, reprints.....	27.80
Postage.....	17.00
University Press, printing and binding.....	28.03

\$ 8,748.89

Charged to Wallberg Bequest.....	\$ 7,952.12
Less: Paid by Prof. R. F. Legget.....	221.77
Sale of maps.....	575.00

8,748.89

(d) Dentistry:

H. K. Box, Research Professor, Periodontology (half-time).....	\$ 3,500.00
A. F. Fenton, Laboratory Technician, Periodontology.....	1,500.00

\$ 5,000.00

\$ 15 789.73

Banting and Best Department of Medical Research

(a) Banting Research:

Salaries (\$48,721.10):

C. H. Best, Director and Professor, (paid also \$6,000 in Physiology.....)	\$ 5,000.00
--	-------------

Professors of Medical Research:

G. E. Hall, at \$5,000; on War Service; resigned January 31; contribution to T. I. and A. A.....	116.69
H. C. Bazett, at \$8,000 in United States funds; resigned August 31.....	1,480.00

Associate Professors:

W. R. Franks, at \$3,700; on War Service; contribution to T. I. and A. A.....	185.04
C. C. Lucas.....	3,500.00

Lady Banting, widow of Sir Frederick Banting, allowance.....	2,000.00
F. J. W. Roughton, Special Lecturer.....	72.15

Research Associates:

J. E. Goodwin, 6 mos. at \$3,000; 6 mos. at \$2,300; (paid also \$350 from Special Funds).....	2,650.00
A. E. MacDonald (paid also \$200 in Ophthalmology).....	365.00
Dr. Jessie H. Ridout, at \$2,500; wartime bonus \$165.....	2,665.00

Research Assistants:

J. M. R. Beveridge, at \$2,000; wartime bonus \$150.....	2,150.00
D. C. O'Connell, at \$1,650; wartime bonus \$132.50.....	1,782.50
Miss Jessie M. Lang, at \$1,500; wartime bonus \$125.....	1,625.00
E. S. Goranson, 10 mos. at \$133.33 per month; wartime bonus \$108.30.....	1,441.60
J. B. Bateman, at \$1,400; resigned November 30; salary \$583.34; wartime bonus \$50 (paid also \$416.66 from Special Funds).....	633.34
Miss M. M. Shaw, at \$660; wartime bonus \$66 (paid also \$660 from Special Funds).....	726.00

Temporary:

Russell Grant.....	303.60
J. H. W. Willard, salary \$185.50; wartime bonus \$15.46.....	200.96
J. J. Russell.....	89.00

On War Service:

Lloyd B. Macpherson.....	
N. R. Stephenson.....	

Research Fellows:

C. S. McArthur, at \$1,200; wartime bonus \$85 (paid also \$1,000 in Pathological Chemistry).....	\$ 1,285.00
Miss Elizabeth Melrose, at \$1,530; transferred to Special Funds from January 1; salary, \$765; wartime bonus \$63.25.....	828.25

Assistants:

Miss A. Carmichael, at \$1,200; transferred to Special Funds from January 1; salary \$600; wartime bonus \$55.....	655.00
Miss M. K. O'Grady, at \$1,120; wartime bonus \$106....	1,226.00
Mrs. Marion McNeely, at \$800; resigned November 30; salary \$333.34; wartime bonus \$33.34	366.68
Temporary:	
Miss Margaret Stock	152.77
Miss Joan Hennessy	38.75
C. R. Cowan, Senior Technical Assistant and Controller, at \$2,500; on War Service; contribution to Pension Fund.....	75.00

Technicians:

M. C. Wyand, at \$1,600; transferred to Special Funds from January 1; salary \$800; wartime bonus \$65....	865.00
H. M. Douglas, at \$1,300; wartime bonus \$115.....	1,415.00
T. Lennox, at \$780; wartime bonus \$78.....	858.00
F. W. Dunn, at \$840; wartime bonus \$84.....	924.00
On War Service:	
L. C. Brock, at \$1,440; contribution to Pension Fund	39.60
G. Parkes, at \$1,300; contribution to Pension Fund	35.75
J. E. Walker, at \$1,200; contribution to Pension Fund	30.00
W. Watson.....	.....
Mrs. Gladys Steele, Technical Assistant, at \$850; wartime bonus \$85.....	935.00

Laboratory Assistants:

Miss B. Fearnside, at \$720; resigned July 31; salary \$60; wartime bonus \$6.....	66.00
--	-------

Temporary:

P. C. Fitz-James, at \$100 per month from July 5; salary \$1,187.10; wartime bonus \$108.81.....	1,295.91
Miss B. McCallum, 1 month.....	85.00
At \$15.00 per week:	
Mrs. Elizabeth Carman, 10 weeks.....	150.00
Mrs. Eileen Bolger, 8 weeks.....	120.00
Mrs. Ruth Shorney, 6 1/3 weeks.....	95.00
Mrs. Becky White, 3 5/6 weeks.....	57.50
Mrs. Muriel D. Carman, 1 week.....	15.00
Part-time at \$7 and \$8 per week:	
Mrs. Ruth Leverette, 12 weeks.....	96.05
Mrs. Winnifred Cowan, 11 weeks.....	77.00
Miss Zoe Smith, 9 weeks.....	63.00

Laboratory Technicians:

Miss A. R. Grant, at \$960; on leave of absence without salary for 2 weeks; salary \$924; wartime bonus \$92.40	1,016.40
S. Olyan, at \$720; resigned July 31; salary \$60; wartime bonus \$6.....	66.00

Temporary:

J. W. Daniel, at \$60 per month from July 23; salary \$677.42; wartime bonus \$67.74.....	745.16
Gerald Crosby, 3 mos. 4 days at \$60 per month; 2 weeks 5 days at \$15 per week; salary \$260.24; wartime bonus \$18.77.....	279.01
Miss Marjorie Kay, 8 days at \$80 per month.....	21.35
Miss Audrey Crooks, at \$16.50 per week from November 22.....	525.25
Miss Marjorie Coyle, 4 weeks at \$15 per week.....	60.00
Mrs. Mary Grove, 8 weeks at \$15 per week, 7 1/3 weeks at \$8 per week	195.00

Mrs. A. Moffitt, Laboratory Attendant; at \$720; wartime bonus \$72	\$ 792.00
Animal Caretakers, Temporary, at \$16 to \$17.50 per week and wartime bonus:	
John H. Wilson, 29 1/3 weeks.....	517.83
Alfred Currell, 11 5/6 weeks.....	208.28
George Kett, 3 5/6 weeks.....	69.58
Bernard Bennett, 2 1/2 weeks.....	45.38
John Loughran, 5 days.....	13.35
Miss E. L. Mahon, Secretary, at \$1,300; on leave of absence without salary for 1 month; salary \$1,201.46; wartime bonus \$105.41.....	1,306.87
Secretarial Assistants:	
Miss M. J. Miller, at \$1,140; wartime bonus \$107.....	1,247.00
Miss F. F. Herbert, at \$1,050; wartime bonus \$102.50 ..	1,152.50
Miss M. L. Wilkinson, Secretarial and Library Assistant, at \$1,080; wartime bonus, \$104.....	1,184.00
Miss D. Downing, Clerical Assistant, at \$800; transferred to Special Funds from January 1; salary \$400; wartime bonus \$40.....	440.00
Expenses (\$24,721.90):	
Abbott Laboratories, chemicals.....	25.87
Aerovox Canada Ltd., condensers.....	73.93
Aikenhead Hardware Ltd., hardware.....	93.25
Albino Farms, rats.....	84.09
Allen Manufacturing Co., laundry.....	12.21
American Society of Biological Chemists, book, subscription	31.79
American Screen News Ltd., recorder.....	690.89
Atlas Powder Co., tween.....	19.50
Ayerst, McKenna, Harrison, cod liver oil.....	16.38
Barker-Bredin Bakeries, bread.....	133.60
Barrie Glove and Knitting Co., mitts, etc.....	132.47
E. G. A. Boulton, rental of lights.....	1,750.00
British Drug Houses, chemicals.....	30.99
Brunt Manufacturing Co., test tube holders, etc.....	42.54
Canada Colours and Chemicals, cleaner, etc.....	110.46
Canada Packers, provisions.....	24.99
Canadian General Electric Co., transformers, photofloods, cement, etc.....	49.53
Canadian Laboratory Supplies, condensers, cups, batteries....	269.77
Canadian Medical Association, reprints.....	33.50
Canadian National Telegraphs, telegrams.....	65.54
Canadian Pacific Railway, telegrams.....	109.27
Canadian Powers Regulator Co., thermostats.....	29.66
Canadian Sirocco Co. Ltd., blower.....	11.09
Carbo Ice (Ontario), dry ice.....	390.23
Carswell Co. Ltd., books.....	25.27
W. A. Carveth and Co., repairs.....	10.00
Central Scientific Co., glassware chemicals.....	3,086.28
R. H. Chappell, flasks, etc.....	72.79
Chemicals Ltd., chemicals.....	52.50
Coleman Lamp and Stove Co., lenses.....	10.94
Connaught Laboratories, animals, chemicals.....	286.31
Corbett-Cowley Ltd., laboratory coats.....	262.15
E. Cullen and Sons, animals.....	660.00
Cutting Ltd., paper.....	33.15
Daglish Ontario Ltd., paste.....	58.23
Davis Gelatine Ltd., gelatine.....	21.03
Eastman Kodak Co., chemicals.....	297.86
Eastman Photographic Stores, chemicals, films, plates, reels, etc.....	506.74
T. Eaton Co., hose, trays, pans, smocks, towelling, etc.....	271.35
Electrolux Canada Ltd., repairs.....	24.50
C. Emmett, guinea pigs.....	127.50
A. W. Franks Co., book.....	19.50
Frigidaire Products of Canada, gas.....	13.60
Gelatine Products, acid.....	291.10
General Filtration and Engineering Ltd., filter sheets.....	27.00
General Steel Wares Ltd., filters.....	10.05

D. Gestetner Canada Ltd., stencils.....	\$	22.72
Ralph Gibson, guinea pigs.....		175.00
Grand and Toy, furniture, stationery.....		78.50
Gutta Percha and Rubber Co., eye shields.....		13.35
Wm. Harris and Co., horse meat.....		203.90
J. F. Hartz and Co., bandages, forceps, tubing, etc.....		95.61
Charles Hills, rats.....		16.20
Hunt Printing Studio, printing.....		14.68
Ingram and Bell Ltd., glassware, medical supplies, etc.....		1,817.10
Invisible Lens Inc., lenses.....		260.34
Johnson Office Furniture Co., oak stand.....		10.00
Arthur S. Lapine and Co., condensers.....		73.54
S. Lightfoot and Sons, Ltd., provisions.....		207.50
Eli Lilly and Co., capsules.....		1,017.12
Lockhart's Camera Exchange, films, tanks.....		26.00
McCutcheon's Camera Shop, flood lights, etc.....		110.40
McKague Chemical Co., chemicals.....		45.11
E. Machlett and Son, vessels.....		60.22
Mallinckrodt Chemical Works, chemicals.....		237.00
Mrs. Ena Mason, microanalyses.....		10.00
May and Baker, chemicals.....		136.62
Merck and Co., chemicals.....		383.12
Mitchell and McGill, desk.....		43.00
Ocean Chemicals Ltd., disinfectant.....		27.00
Office Specialty Manufacturing Co., filing supplies.....		47.40
A. H. Palmer, honorarium.....		77.70
Paragon Testing Laboratories, acid.....		46.77
Parkdale Laundry.....		438.39
Peckover's Ltd., springs, etc.....		20.98
S. B. Penich & Co., digitonin.....		44.94
Planstiehl Chemical Co., alloxan.....		17.35
Postage.....		200.48
Rainbow Lantern Slide Co., slides.....		12.55
Ralston Purina Co., feed.....		357.14
Ratcliffe Paper Co., twine, etc.....		27.56
Reynolds-Coventry, gears, wire.....		16.03
Richards Glass Co., bottles, caps, jars, etc.....		164.02
Risebrough and Jackson, feed.....		51.01
Robbins and Townsend, rebuilt typewriter, \$84.50; type- writer service.....		177.40
Safety Supply Co., aprons, gloves.....		10.40
Scientific Glass Apparatus, glassware.....		11.19
Science Press, book.....		10.17
Fred Shorney Ltd., photo supplies.....		279.27
E. B. Shuttleworth Chemical Co., tablets.....		85.88
Robert Simpson Co., plates, coveralls.....		25.37
T. M. A. Corporation, chemicals.....		78.12
Starkman Chemists, empty capsules.....		30.00
Toronto Elevator Ltd., feed.....		754.87
Tumblebrook Farm, rats.....		83.81
Vulcan Asphalt and Supply Co., repairs.....		25.00
Westman Publishing Co., book.....		14.00
S. S. White and Co., Ltd., nitrogen.....		141.13
Whiting Corporation, nozzle, repairs.....		190.60
Fred J. Whitlow and Co. Ltd., clinitest.....		23.75
Wholesale Radio Co., knobs, switches, cables, etc.....		36.40
John Wyeth Bros., casein.....		122.50
Yale University, School of Medicine, rats.....		11.67
University Press, printing and stationery.....		629.89
Travelling Expenses:		
J. B. Bateman.....		28.40
J. M. Beveridge.....		67.98
J. E. Goodwin.....		61.69
Russell Grant.....		43.15
Accounts under \$10.00 (45).....		224.61
Sundry disbursements by department: hardware, \$50.86; stationery and drugs, \$45.07; sundries, \$32.96; telephone and telegraph, \$2.83; carfare and transportation, \$29.11; ice and food supplies, \$64.74; postage, \$13.39.....		
		238.96

Superintendent's Dept., telephone, \$599.56; freight, \$250.32; labour, \$1,275.06; material, \$1,041.93.....	\$ 3,166.87	
Contribution to Pension Fund.....	666.50	
Teachers' Insurance and Annuity Association.....	476.57	
		\$ 73,443.00
Credited from Banting Research Foundation... \$ 16,000.00		
Rockefeller Foundation-Psychiatry.....	4,163.82	
Silicosis Committee.....	4,000.00	
John I. White, Bequest.....	25.73	
C. H. Best, return of Naval Stipend.....	4,100.00	
Sale of material.....	3,690.52	
Interest on Special Funds.....	8,044.68	
Charged to Insulin Committee Grants.....	28,418.25	
		\$ 68,443.00
(b) Best Research:		\$ 5,000.00
Salaries (\$11,205.50):		
D. Y. Solandt, Associate Professor (paid also \$3,700 in Faculty of Medicine and \$2,000 in School of Hygiene).....	\$ 300.00	
R. E. Haist, Assistant Professor (paid also \$1,700 in Faculty of Medicine; \$400 in School of Hygiene and \$1,400 in School of Physical and Health Education).....	100.00	
E. Fidler, Lecturer and Research Associate, at \$300; wartime bonus \$20 (paid also \$2,200 in Faculty of Medicine).....	320.00	
W. S. Hoar, Research Associate, 2 months, salary \$384; wartime bonus \$26.50.....	410.50	
Research Assistants:		
G. A. Wrenshall, at \$1,500; wartime bonus \$112.50; (paid also \$1,000 in Faculty of Arts).....	1,612.50	
Miss M. S. Moorhouse, at \$1,060, resigned March 25; salary \$777.89; wartime bonus \$75.58.....	853.47	
S. B. Raska, temporary, salary \$403.00; wartime bonus \$22.94.....	425.94	
Mrs. D. Ursula Irish, at \$300; wartime bonus \$27.50.....	327.50	
M. J. Wilson (part-time) 4 months (paid also \$400 in Faculty of Medicine).....	400.00	
Miss Z. W. Christie, Demonstrator (Sessional; paid also \$500 in School of Physical and Health Education) salary \$300; wartime bonus \$30.....	330.00	
F. L. Robinson, Head of Technical Staff, at \$500; wartime bonus \$33 (paid also \$2,000 in Faculty of Medicine).....	533.00	
Technical Assistants:		
Mrs. Ann I. Laing, at \$950; wartime bonus \$95.....	1,045.00	
Mrs. J. M. D. Williamson, at \$780; resigned May 6; salary \$662.58; wartime bonus \$66.26.....	728.84	
A. J. Stonyer, at \$500; wartime bonus \$50 (paid also \$2,063.73 from Special Funds).....	550.00	
Mrs. Ivy Scott, at \$780; resigned August 31; salary 130; wartime bonus \$13.....	143.00	
On War Service:		
J. Scattergood, at \$1,150; contribution to Pension Fund.....	31.65	
C. Scattergood, at \$875; contribution to Pension Fund.....	21.90	
Temporary, at \$14 to \$19 per week and wartime bonus:		
Mrs. Florence Lutton, 52 weeks.....	874.32	
R. Shepherd, 25 1/3 weeks.....	465.48	
V. Ellis, 18 1/3 weeks.....	322.67	
Miss A. Macdonald, 17 1/2 weeks (paid also \$640 in Faculty of Medicine).....	308.00	
D. E. McLeod, 11 1/6 weeks.....	233.39	
R. A. Greig, 13 1/6 weeks.....	231.74	
W. Shaul, 11 weeks.....	181.50	
Miss P. McNab, 8 weeks.....	140.80	
P. Kolehmainen, 5 weeks.....	93.50	
J. Wright, 1 1/2 weeks.....	26.40	
R. Fletcher, 1 1/2 weeks.....	23.10	
R. Baker (part-time) 1 week.....	8.80	
Miss D. M. Secord, Secretarial Assistant, at \$150; wartime bonus \$12.50 (paid also \$1,300 in Faculty of Medicine)....	162.50	

Expenses (\$9,745.55):	
Armstrong Cork and Insulation Co.....	\$ 1.65
Canadian Laboratory Supplies, tubing, flasks, etc.....	73.92
Central Scientific Co., glassware, rubber cushions, corks, microscopes, etc.....	6,384.62
E. Cullen and Sons, animals.....	130.50
Ingram and Bell, iodine.....	27.85
Kelley Feed and Seed, feed.....	199.05
M. Langmuir Mfg. Co., cases, etc.....	978.25
Lederle Laboratories Inc., blood serum.....	910.65
Merck and Co., chloride.....	37.55
Richards Glass Co., bottles.....	79.42
Triplett Electrical Instrument Co., microammeters.....	156.60
Waverley Press Inc., reprints, etc.....	46.48
Fred J. Whitlow and Co., refills.....	33.36
University Press, printing and stationery.....	23.05
Travelling Expenses:	
Dr. C. H. Best.....	67.68
Mrs. Jean P. Fletcher.....	150.00
Mrs. Ruth C. Partridge.....	150.00
Miss E. J. Reed.....	50.69
Superintendent's Dept., freight.....	29.83
Contribution to Pension Fund.....	214.40
	<hr/>
	\$ 20,951.05
Sale of Naval Equipment.....	\$ 8,873.60
Charged to Insulin Committee Grant.....	7,077.45
	<hr/>
	\$ 15,951.05
	<hr/>
	\$ 5,000.00
	<hr/>
	\$ 25,789.73
	<hr/>

APPENDIX III

University Press

Ledger Balances (net) as at 30th June, 1943:

Contingent Reserve Account.....	\$ 7,246.08
Surplus Account.....	21,371.59
	<hr/>
	\$ 28,617.67

Transactions for the year ending 30th June, 1944

Receipts for the Press, Book Department and Publications.....	\$348,179.10	
Expenditures.....	\$334,130.24	
Grant to Alumni Federation of the University of Toronto	1,200.00	
	<hr/>	
	335,330.24	12,848.86
		<hr/>
		\$ 41,466.53
Plant purchased and charged to Surplus Account.....	\$ 2,597.00	
Transferred from Surplus Account to University Revenue 1943-44.....	10,000.00	12,597.00
	<hr/>	<hr/>
		\$ 28,869.53
		<hr/>

Note

The above figures cover the accounts passing through the Bursar's Office. Supplementary thereto the Acting Manager of the Press had on hand on the 30th June, 1944, as shown by his records, inventories, etc., (including work in progress) \$96,715.64; accounts receivable (less reserve) \$22,347.43; less sundry liabilities (net) \$12,906.75; making with the above cash balance of \$28,869.53 a total surplus over liabilities of \$135,045.85.

Details of Expenditure

Salaries and Wages, including Wartime Bonus, (\$116,176.21):

A. Gordon Burns, Manager, at \$4,800; on War Service; contribution to Pension Fund.....	\$ 150.00
W. J. Dunlop, Acting Manager (paid also \$5,500 as Director of University Extension and Publicity).....	1,200.00

Miss E. M. Walker, Secretary.....	\$ 2,433.25
Miss N. Reany, Head of Publications Department.....	1,520.00
Clerks:	
Miss I. E. McTaggart.....	1,730.00
Mrs. Florence Friendship.....	1,336.25
Mrs. Ellen W. Buzek.....	1,310.00
Miss M. Storey, at \$1,200; on War Service; contribution to Pension Fund.....	36.00
Miss R. Mitchell.....	1,205.00
Miss M. MacMurray, at \$1,126.25; less 4 days in January.....	1,114.15
Miss M. Lewis.....	1,100.00
Mrs. E. Groom.....	972.40
Miss N. Rawsthorn, at \$1,100; resigned as of April 30.....	916.66
Mrs. Alison R. Hackett; 7 mos. at \$1,257.50; 3 mos. at \$660; resigned as of April 30.....	898.53
Miss C. Carroll, at \$1,205; resigned as of February 29.....	803.34
Miss R. Buchan, at \$1,283.75; resigned September 30.....	320.93
George Edwards, Caretaker.....	1,730.00
C. Burnell, Cleaner.....	1,231.25
Pay lists, Wages of Employees.....	96,168.45
Editorial Services (\$4,376.30):	
Mrs. Alison Hewitt, General Editor.....	2,202.50
Mrs. M. L. Bladen.....	100.00
V. W. Bladen.....	400.00
A. Brady.....	100.00
G. W. Brown.....	400.00
P. Child.....	200.00
D. G. Creighton.....	200.00
W. P. M. Kennedy.....	600.00
Mrs. M. Shepherd.....	73.80
A. S. P. Woodhouse.....	100.00
Payments to contributors to publications.....	215.05
Grant to Alumni Federation of the University of Toronto.....	1,200.00
Payments of royalties and returns from sales.....	3,481.05
Supplies and general operating expenses (\$83,501.61):	
Acco Canadian Co., covers, books, binders.....	171.91
Airmaps Ltd., photo snap packs, etc.....	184.67
Alexander and Cable Lithographing Co., cards, lithographing, envelopes.....	196.67
Art Metropole, paints, pins, paper.....	38.30
Barber Ellis of Canada Ltd., stationery.....	3,590.62
Blackhall and Co., binding.....	313.16
B. H. Blackwell Ltd., binding.....	39.02
Board of Trade, Toronto, dues.....	30.00
Border Brokers, duty and cartage.....	6,797.09
R. Bourne and Co., covers.....	159.75
Brigidens Ltd., photographs.....	159.97
J. R. Brooks, examination paper.....	55.25
Brown Bros. Ltd., stationery.....	2,305.08
Buntin-Reid Co., Ltd., stationery.....	7,069.05
Burroughs Adding Machine Co. of Canada, rentals, etc.....	25.60
Charles Bush Ltd., ink.....	1,104.41
Bernard Cairns Ltd., stamp, wax, seal, etc.....	37.80
Callow Bros., fasteners.....	25.25
Canada Carbon and Ribbon Co., carbon.....	224.20
Canada Metal Co. Ltd., metal ingots, mould.....	519.16
Canada Steamship Lines, freight.....	42.60
Canadian Linotype Ltd., screws, repairs, switch, etc.....	246.56
Canadian National Railways, freight.....	284.92
Canadian Pacific Express Co., express charges.....	103.13
Canadian Pacific Railway Co., telegrams.....	51.70
Carbon Paper Service Bureau, carbon paper, etc.....	298.58
Carbon Paper Wholesale Ltd., cards, paper.....	596.21
Carroll's Canadian Metals, screws, loose leaf rings.....	114.46
Eugene E. Carroll, knives.....	51.40
Central Scientific Co., scissors, forceps, etc.....	130.84
A. R. Davey and Co., trays, indexes.....	58.56
Mrs. I. E. Davey, typing stencils.....	34.30
Delaney and Pettit Ltd., glue.....	155.71

W. R. Deye Paper Pads, pads.....	\$	172.19
Walter Dickinson and Co., pins, pencils, tape, leads.....		453.63
Dixon Pencil Co., pencils.....		56.65
Dominion Blank Book Co. Ltd., refills, covers, paper.....		128.47
Dominion Envelope Co. Ltd., envelopes.....		113.58
Dominion Paper Box Ltd., filing boxes.....		197.10
Eagle Pencil of Canada Ltd., cabinets.....		339.95
Eberhardt Faber Pencil Co. Ltd., erasers.....		27.37
E. B. Eddy Co. Ltd., paper.....		4,328.68
Elliott Addressing Machine Co., paper, typing stencils.....		108.64
Eversharp Canada Ltd., leads.....		99.14
W. J. Gage and Co., stationery.....		3,640.35
D. Gestetner Ltd., paper, stencils, etc.....		175.14
Grand and Toy Ltd., erasers, sheets, indexes.....		68.09
Graphic Engravers Ltd., engraving.....		2,543.93
Gummed Paper Ltd., tape.....		39.24
Fred W. Halls Paper Co., paper.....		987.55
G. A. Hardie and Co., flannel.....		104.02
W. E. Hardman Co. Ltd., ruling paper, cards, forms.....		92.00
Henderson Bros. Ltd., forms, cards, paper.....		552.70
High Park Window Cleaners.....		100.00
Index Card Co. Ltd., guides, tabs.....		30.78
C. H. Johnson and Son, cartage.....		723.50
Johnson Office Furniture Co., desk, bookcase.....		60.00
Keuffel and Esser Co., slide rules, indicators.....		131.28
The Levis Co., lights, wire.....		194.17
R. J. Lovell Co., pads, paper.....		148.86
Lockett Loose Leaf Ltd., rings, zippers, covers, books.....		2,309.44
Manton Bros., repairs.....		54.60
Meredith, Simmons and Co. Ltd., paste.....		29.25
Mono-Lino Typesetting Co. Ltd., imprints projectors, etc.....		1,308.45
Monotype of Canada Ltd., repairs, monotyping.....		520.83
Moore Type Foundry Ltd., cases, cabinets, leads, etc.....		97.08
Murray Printing Co., printing.....		629.50
National Metal Co., metal.....		204.48
Nichols Advertisers Ltd., pads, etc.....		82.99
O. J. Quellette Cie., paper.....		162.55
Parker Fountain Pen Co., nibs, clips, repairs.....		1,013.06
R. A. Phillips, pennants, crests.....		358.74
Photographic Service, prints, negatives.....		34.30
Provincial Paper Ltd., tablets, paper.....		9,763.80
Raine Engraving Co., dies, etc.....		117.18
Ratliffe Paper Co., tape, paper, etc.....		26.68
Reliable Electric Co., repairs.....		79.10
Reliance Engravers Ltd., drawings, engraving, etc.....		3,843.13
Robbins and Townsend, typewriter service, ribbons, carbon.....		237.90
Roneo Co. of Canada Ltd., ink, stencils.....		91.05
Savoy and Sons, embossing envelopes.....		432.32
Sears Ltd., gauge pins.....		26.85
Service Linotyping metal.....		45.58
Howard Smith Paper Co. Ltd., paper.....		1,084.02
Standard Embossing Co. Ltd., stationery.....		219.75
Stephen Sales Ltd., paper, stencils.....		111.23
Toronto Envelope Co., gum, envelopes.....		1,385.28
Toronto Geographic Arts, dues.....		713.50
Toronto St. Catharines Transport, cartage.....		266.51
Toronto Type Foundry Co., blocks, wire, spools, drills.....		150.58
Townley Printers Supply and Machinery Co., ink, rule.....		55.69
Underwood Elliott Fisher Ltd., brush, folders, labels.....		25.58
United Paper Mills Ltd., paper.....		9,384.77
Venus Pencil Co.....		135.61
Victoria Paper and Twine Co., paper, etc.....		573.35
L. E. Waterman Co. Ltd., nibs, repairs.....		1,150.61
White Hook Paper Co., cloth, paper, brushes, etc.....		1,037.64
Wilson Munroe Co. Ltd., cord, paper, linen.....		4,113.56
Workmen's Compensation Board, re injuries.....		100.00
York Electrotypers, stamps, etc.....		211.65
Accounts under \$25.00 (63).....		480.48
Books, etc. (\$97,600.85):		
Academic Press.....		59.07
Thos. Allen Ltd.....		252.28

Allyn and Bacon.....	\$ 254.48
American Chemical Society.....	57.35
American Institute of Steel Construction.....	136.25
American Library Association.....	87.85
American Medical Association.....	205.74
American Public Health Association.....	26.46
American Society for Metals.....	27.70
Annual Reviews.....	113.10
D. Appleton Century Co.....	1,894.57
Augustana Book Concern.....	51.23
Barnes and Noble Inc.....	468.01
The Blackstone Co.....	1,240.20
Blue Ribbon Books Ltd.....	30.28
Book Market.....	118.08
British Medical Association.....	50.75
Bureau of Publications.....	136.63
Bureau of Reclamation:	
United States Dept. of the Interior.....	28.00
Butterworth and Co. Canada Ltd.....	26.45
Canada Law Book Co.....	29.65
Canadian Association for Adult Education.....	156.72
Canadian Dental Hygiene Council.....	30.00
Canadian Institute of Internal Affairs.....	68.40
Canadian Nurses Association.....	110.50
Canadian Pharmaceutical Association Inc.....	161.25
Canadian Political Science Association.....	25.90
Carswell and Co. Ltd.....	284.49
Caswell and Co. Ltd.....	142.71
W. and R. Chambers.....	241.33
Chemical Publishing Co.....	61.90
Chemical Rubber Co.....	411.00
J. and A. Churchill Ltd.....	250.45
Clarke Irwin and Co. Ltd.....	3,862.36
College Book Co.....	66.83
Columbia University Press.....	301.24
Wm. Collins Son and Co.....	63.79
Commonwealth Fund Division of Publications.....	84.43
Copp Clark Co. Ltd.....	4,921.45
Wm. Dawson Subscription Service.....	433.04
J. M. Dent and Son (Canada) Ltd.....	785.71
Dental Items of Interest.....	31.69
Dodd Mead and Co.....	720.85
Dominion Blank Book Co. Ltd.....	371.84
T. Eaton Co. Ltd.....	59.85
Les Editions Varieties.....	84.47
Edwards Bros.....	50.59
Encyclopaedia Britannica of Canada Ltd.....	180.51
Farrar and Rinehart.....	307.04
Forest Press.....	118.03
Ursula Foster.....	26.95
W. J. Gage and Co.....	1,952.39
General Publishing Co.....	103.64
Ginn and Co.....	1,912.37
Gregg Publishing Co.....	35.58
Grenville Books.....	27.77
Harcourt, Brace and Co.....	202.76
Harper and Bros.....	509.80
Howard Trust Co.....	38.52
Howard University Press.....	193.34
Prof. Ronald Hilton.....	236.84
Houghton Mifflin Co.....	682.57
International Books Ltd.....	55.99
International Correspondence Schools, Canadian, Ltd.....	356.22
Interscience Publishers.....	230.58
Miss D. N. R. Jackson.....	49.00
Librairie Beauchemin Ltd.....	50.91
Life Underwriters Association of Canada.....	262.80
J. B. Lippincott Co.....	807.92
Longmans Green and Co.....	2,478.03
MacMillan Co. of Canada Ltd.....	14,550.33
McAinsh and Co. Ltd.....	7,272.73

McClelland and Stewart Ltd.....	\$ 699.03
McGraw-Hill Book Co.....	7,052.16
George J. McLeod Ltd.....	202.95
Medico Dental Publishing.....	360.54
Merck and Co. Ltd.....	53.50
Musson Book Co. Ltd.....	301.21
National Education Association.....	43.26
Thos. Nelson Sons Ltd.....	337.86
Nordeman Publishing Co.....	141.21
Northern Miner Press Ltd.....	36.00
W. W. Norton and Co.....	172.75
Obrig Laboratories.....	42.91
Odyssey Press.....	228.15
Ontario News Co. Ltd.....	207.68
Oxford University Press.....	37.93
George Phillip and Son Ltd.....	79.99
Philosophical Library.....	52.86
Physiological Reviews.....	28.50
Physicians Record Co.....	78.77
Sir Isaac Pitman and Sons Canada Ltd.....	1,635.05
Prentice Hall Inc.....	845.23
Public Administration Service.....	168.90
Receiver General of Canada.....	352.18
Receiver General, Department of Public Printing and Stationery.....	207.26
Reinhold Publishing Corporation.....	401.64
Ronald Press Co.....	62.25
Royal Institute of International Affairs.....	41.31
Ryerson Press.....	1,516.53
Saturday Night Press.....	28.65
S. J. Reginald Saunders.....	165.64
Savoy and Sons.....	69.14
Science Press Printing Co.....	112.65
Charles Scribner's Sons.....	50.27
Simpkin Marshall Ltd.....	1,657.07
Robert Simpson Co. Ltd.....	39.19
Smithers and Bonellie.....	50.98
C. K. Smoley and Sons.....	54.88
H. M. Stationery Office.....	198.07
G. E. Stechert and Co.....	32.46
Superintendent of Documents.....	185.00
Sutherland International Despatch.....	111.79
Teachers' College Columbia University.....	124.86
University of Chicago Press.....	66.53
University of Minnesota.....	47.59
University Prints.....	206.67
D. Van Nostrand Co.....	1,265.04
Williams Press.....	33.04
Williams and Wilkins Co.....	15,675.89
H. W. Wilson Co.....	126.41
John Wylie and Son.....	7,151.16
Workers Educational Association.....	115.40
Accounts under \$25.00 (481).....	2,682.14
Sundry purchases, second hand books.....	240.18
A. G. Burns, travelling expenses.....	76.21
Microscopes.....	7,923.00
Advertising, \$969.72; postage and excise, \$3,239.27; bank charges and exchange, \$4,204.89; cleaning, \$281.90; freight, express and cartage, \$74.45; meals for night work, \$224.95; stationery, \$47.27; sundries, \$200.99.....	9,243.44
Heat and light, \$2,679.38; gas, \$296.97; telephone, \$406.72; water, \$99.94.....	3,483.01
Superintendent's Dept., labour, \$286.49; material, \$473.71.....	760.20
Collector of Customs and Excise, sales tax.....	5,893.73
Contribution to Employees Pension Account.....	980.53
Interest charged on debit balances.....	419.05
	\$ 335,330.24
Plant Account (\$2,597.00)-	
Bruce Collins, automatic press.....	\$ 2,550.00
Townley Printers' Supply and Machinery Co., cartage on press.....	47.00
	\$ 2,597.00
	\$337,927.24

APPENDIX IV.

Superintendent's Stores and Sundry Labour Account

Ledger Balance, 30 June, 1943.....		\$ 27,223.01
Purchases made during 1943-44:		
Acme Paint and Varnish Company, paint	\$	25.05
Adams Furniture Company, electric fan.....		25.95
Advance Glass and Mirror Company, plate glass.....		826.36
Aikenhead Hardware Ltd., hardware.....		1,526.17
Allanson Armature Mfg. Company, coils.....		76.50
Apco Industries Ltd., cleansol.....		556.95
Armstrong Cork and Insulation Company, cork.....		648.34
Associated Chemical Company, chemical.....		392.00
Atlas Asbestos Company Ltd., packing.....		130.01
Baines and David, steel.....		795.93
Wm. Bartlett and Son, shades.....		85.25
Beardmore and Company, belting.....		56.70
Beldam's Asbestos Packing Ltd., gaskets.....		168.52
Berry Bros., oil, varnish.....		239.03
Boake Manufacturing Company, lumber.....		3,111.79
Boeckh and Company, brushes.....		266.63
Boiler Furnace and Stove Parts Ltd., grates.....		42.90
British Columbia Plywoods Ltd., wallboard.....		249.92
Brown Bros. Ltd. stationery.....		46.44
Builders Flooring and Millwork, lumber.....		377.15
Builders Supply Ltd., stone, cement, lime, etc.....		436.84
Robert Burry and Company, lumber.....		2,284.75
Casselman and Company, cheesecloth.....		271.71
Central Scientific Company, regulators, etc.....		294.96
Cober Elevator Manufacturing Company, grate lock.....		105.00
Colgate Palmolive Peet Company, soap, oil.....		514.80
Commercial Lithograph Company, tools, etc.....		42.88
Consolidated Plate Glass Company, glass.....		599.24
Consumers' Gas Company of Toronto, heater.....		29.00
Continental Can Company of Canada, cans.....		54.55
George Cooke and Company, wax.....		34.83
Corbett Cowley Ltd., coats, etc.....		633.72
Corning Glass Works, glass.....		177.54
Craing Printers Ltd., carbon.....		119.18
Crane Ltd., thermostat valves, repairs.....		2,493.85
Cross Polishes, polish.....		25.68
W. H. Cunningham and Hill, tools.....		723.52
Currie Products Ltd., tar, etc.....		494.43
Canada Building Materials, gravel, cement, castings, etc.....		67.08
Canada Colours and Chemicals, chemicals.....		55.75
Canada Hardware Ltd., hardware.....		262.03
Canada Metal Company, solder, etc.....		830.29
Canada Sandpapers, emery cloth, garnet paper.....		68.01
Canada Wire and Cable Company, cable, steel rubber, etc.....		902.46
Canadian Asbestos Ontario Ltd., rubber, etc.....		49.01
Canadian Chromalax Company, heaters.....		104.77
Canadian Durex Abrasives Ltd., crocus cloth, paper.....		108.70
Canadian General Electric, connectors, switches, etc.....		379.58
Canadian Germicide Company, napkins.....		107.10
Canadian Industrial Alcohol Company, alcohol.....		125.40
Canadian Industries Ltd., acid, paint, chemicals, etc.....		1,707.79
Canadian Ingersoll-Rand Company, electrical equipment.....		388.80
Canadian Johns-Manville Company, asbestos, etc.....		674.81
Canadian Mill Supply Company, maps, special cotton.....		43.30
Canadian National Carbon Company, brushes.....		262.20
Canadian National Institute for the Blind, brooms.....		164.34
Canadian Oil Company Ltd., kerosene.....		50.50
Canadian Powers Regulator Company, thermometers, repairing thermostats.....		172.80
Canadian S. K. F. Company Ltd., bearings, rubber net, etc.....		84.38
Canadian Serocco Company, fan, motor, connector.....		235.02
Canadian Westinghouse Company, repairs, brushes, oil.....		416.11
Danforth Wallboard and Insulation Ltd., wood, board.....		68.51
Darnell Corporation of Canada, casters.....		202.31
Dearborn Chemical Company Ltd., feed.....		179.40

Derrett Ltd., twine.....	\$	34.46
Diamond Cleanser and Soaps, Ltd., cleanser, soap, etc.....		745.70
Henry Disston and Sons, saw blades.....		143.20
Dominion Bridge Company, plates, saw, etc.....		84.58
Dominion Linseed Oil Company, linseed oil.....		396.38
Dominion Oxygen Company, oxygen, etc.....		453.91
Downing and Company, fuses, etc.....		925.24
Downtown Welding, bands, tank, bumper plate.....		610.72
Drummond McCall and Company, brass, steel.....		40.85
C. A. Dunham and Company, valves, caps, traps, etc.....	1,244.37	
T. Eaton Company, towels, sugar, etc.....		721.87
E. B. Eddy Company, matches, paper.....		703.72
Ellis and Howard, batteries, flashlights.....		36.99
Empire Brass Manufacturing Company, gauges, plugs, fawcets, caps, etc.....	2,076.95	
Engineering and Equipment Company, enamel.....		208.00
Ennis Wonder Polish Company, metal polish.....		129.60
Evans and Company, chamois.....		99.96
Fairbanks Lumber and Coal Company, lumber.....		158.88
Fairview Chemical Company, sweeping compound.....		486.00
E. B. Fielding and Company, turpentine.....	1,319.02	
Thos. Firth and John Brown Ltd., steel.....		872.57
Fitzgerald-McAvoy, wire goods.....		64.13
Fuller Brush Company, mops, etc.....		243.00
Garlock Packing Company, coil sheets.....		25.68
General Dry Batteries of Canada Ltd., batteries.....		102.60
General Steel Wares Ltd., cans, pails, oilers, rails, etc.....		79.48
Gooderham and Worts Ltd., alcohol.....	25,313.30	
Geo. Gore's Radio and Electric Shop, clock.....		43.13
B. Greening Wire Company, wire cloth.....		67.45
Grinnell Company of Canada, plugs, nipples, pipes, etc.....	5,078.11	
A. Guinness and Company, napkins.....		66.65
Gutta Percha Rubber Company, boots, hose, packing.....		92.82
Hamilton Carhartt Mfg. Company, smocks, overalls.....		27.34
Hamilton Gear and Machine Company, gear, couplings.....		38.80
Joe Hampson (Sand and Gravel) sand.....		31.50
Harding Bros. of Canada Ltd., clock repairs.....		630.00
G. A. Hardie and Company Ltd., cotton.....		151.47
Harpham Bros., casings, tubes.....		77.80
W. Harris and Company Ltd., glue.....		70.74
Geo. H. Hees Son and Company, cord, webbing.....		34.82
Geo. M. Hendry Company, chalk, blackboards.....		93.50
Hertz Drivurself Station of Ontario Ltd., rentals.....		25.91
Hydro Electric Power Commission of Ontario, lamps, etc.....	3,184.45	
Imperial Oil Ltd., gasoline, oil.....		71.62
Imperial Varnish and Color Company, paint.....		176.00
International Varnish Company, paint, enamel, flite.....	1,605.06	
Johnson Temperature Regulating Company, thermostat, etc.....		84.49
Jones and Moore Electric Company, repairs.....		33.57
Geo. Keith and Son, grass seed, etc.....		240.00
Kilgours Ltd., cups, towels, etc.....	6,003.17	
LaFrance Fire Engine and Foamite Ltd. extinguishers, re- charges, hose.....	1,193.30	
R. Laidlaw Lumber Company, lumber.....	3,361.76	
Langmuir Paint Company, paint, shellac.....		587.73
John Leckie Ltd., glue, etc.....		203.54
Arthur S. Leitch and Company, deffusers, tape.....		112.99
Leland Electric Ltd., motor, brushes.....		113.02
A. C. Leslie and Company Ltd., plates.....		237.46
Livingstone Stoker Sales Company, belts, etc.....		49.00
Lord and Burnham Company Ltd., glass.....		52.90
Lowe Bros. Company, paint.....		77.03
McBain Foundry, castings.....		30.10
McColl Frontenac Oil Company, crystate, radex, speedex.....	132.36	
S. McCord and Company, concrete, etc.....		96.26
McDermid Bros., iron.....		270.55
McFarlane Gendron Mfg. Company, wheels, etc.....		65.77
McIntyre and Taylor Ltd., grates.....		59.76
McKay-Muldoon Ltd., cement.....		105.23
Masco Company, coils, connectors, hotplate.....	3,994.63	
Mason Regulator Co. of Canada, valves.....		461.10

Merck and Co., chemicals	\$ 1,237.85
A. Middleton and Co., paint, enamel	603.32
Minneapolis-Honeywell Regulator Co., circulator, repairs	305.69
Moffats Ltd., range	123.77
Benjamin Moore and Co., paint	81.60
J. H. Morin and Co., shellac	70.20
Jas. Morrison Brass Mfg. Co., valves, strainers, cocks, repairs	1,147.15
Mount Royal Metal Co., lead solder	40.41
Moyer School Supplies, chalk, erasers, etc.	26.20
A. Muirhead and Co., oil, paint	67.56
Murphy Paint Co., paint	123.75
Alexander Murray and Co., roof coating, liquigum, etc.	139.03
National Drug and Chemical Co., wax, waterglass, iodine, etc.	237.31
National Equipment Co., convertor	165.24
National Grocers Co., bon ami, matches, milk	55.58
Neptune Meters Ltd., meters	164.14
New Sanitary Wiper and Waste Co., laundry bags, waste, wipers	256.50
Nicholls Chemical Co., soda, etc.	42.38
Northern Electric Co., repairs	394.16
O-Cedar of Canada, polish	82.48
Otis Fensom Elevator Co., brushes, tubes, contact holder	29.33
Page Brothers, soap	1,019.57
Pannill Door Co., doors, etc.	126.75
Panther Oil and Grease Mfg. Co., roof coating	39.60
Peckover's Ltd., iron, steel, tubing	632.36
Pilkington Bros., glass	218.11
Planet Bicycle Co., steel balls	47.80
Plywood Supply Co. Ltd., plywood	70.77
Provincial Treasurer of Ontario, truck license, gasoline license	36.00
Pryall and Nye, battery, etc.	44.34
Railway and Power Engineering Co. Ltd., wire rope, shafts	50.10
Ratcliffe Paper Co., paper	212.50
Reynolds-Coventry Ltd., reducers	134.82
W. A. Richardson, waterproofing	56.00
Jas. Robertson Co., valves, pipe, etc.	2,769.12
Robinson Clay Products, stoneware	72.92
Roofers Supply Co., steel, iron	1,420.49
Safety Supply Co., recharging, fire extinguishers, etc.	264.22
Salem's Garage, repairs, wire, oil, grease	197.00
Samuel Son and Co., steel	1,951.80
Sangamo Electric Co., meters	178.07
Satin Finish Hardwood Flooring Ltd., flooring	27.50
Scarfe and Co., paint	859.27
Schutte Kowitting, rotometer, etc.	61.63
Shaw and Wright, hardware	815.48
Shawinigan Chemicals, synthetic methanol	94.29
W. Sherwood and Son, bearings, rewinding, etc.	563.40
T. S. Simms and Co., brooms, paint	704.29
Robert Simpson Co., towels, chairs, cement, sheeting	829.12
Charles Albert Smith Ltd., insect dust	32.40
John B. Smith and Sons, lumber	3,662.55
Irving Smith, resurfacers, vacuum cleaner, etcher	203.01
Square D. Company, valves, starters, regulators, switches	3,119.37
E. R. Squibb and Sons, ether	96.04
Standard Chemical Co., chemicals	570.73
Standard Sanitary and Dominion Radiator Co., grates, fire door, etc.	809.84
Steel Co. of Canada, benzol	25.10
G. F. Sterne and Sons, floor finish, cement, paint, etc.	520.45
Stewart and Wood, paint, glue	128.00
S. F. Stinson and Son, lumber	1,832.56
St. Clair Construction Co., flooring	156.20
Gilbert C. Storey, machines, motors	1,137.55
Michael Stuart Co., traps	81.55
Sturgeon's Ltd., paint	223.20
Sully Brass Foundry Ltd., castings	54.32
Sun-Glo Electric and Cycle, motorcycle, etc.	82.50
Superior Electric Supply Co., electrical equipment	8,509.92
Textile Products Ltd., towels, cheese cloth, mop heads, etc.	1,168.84
Thayers Ltd., gasoline, alcohol	728.29
Toronto Asphalt Roofing Mfg. Co., roofing	54.71

Toronto Brick Co., brick.....	\$	62.82
Toronto Salt Works, salt, sawdust.....		74.17
Tower Canadian Co., clothing, etc.....		34.30
Travelling expenses re work at Connaught Laboratories Farm:		
R. Anderson.....		216.20
R. Gaudiche.....		33.96
Leo Smith.....		5.75
J. W. Tipping.....		175.03
Tremco Manufacturing Co., caulking and pointing compound.....		107.97
Turnbull Elevator Co., valves, contacts, resistors, cable.....		155.64
United Steel Corporation Ltd., pulley, belts, etc.....		90.48
Vacu-Draft Ltd., vacu-draft.....		96.00
Victoria Paper and Twine Co., towels, etc.....		360.00
C. C. Wakefield and Co., castrol.....		281.41
West Disinfecting Co., chemicals.....		50.25
White's Hardware Co., hardware.....		2,437.41
A. C. Wild and Co., cement, pipe covering, blocks, etc.....		1,193.46
A. R. Williams Machinery Co., files, clamps, repairs.....		48.41
Wilson and Cousins Ltd., hose, washers, etc.....		648.77
Wilson and Warden Ltd., bottle rinsers.....		54.00
G. H. Wood and Co., paper cups, dispensers, etc.....		156.19
Worr Foundry Co. Ltd., casting.....		56.97
University Press, printing and stationery.....		83.74
Accounts under \$25.00 (149).....		1,239.15
Superintendent's Dept., freight, \$266.81; labour, \$6,902.53; material, \$140.99.....		7,310.33
	\$	150,199.08

Less credits:

Dominion Government, refund of tax on alcohol.....	\$	28,530.53	
Provincial Treasurer, refund of tax on gasoline and varsol.....		162.68	
Sale of material.....		582.90	
			29,276.11
			\$ 120,922.97
			\$ 148,145.98

Sundry labour as per pay lists:

Trade mechanics and general workmen.....		216,339.47
Firemen, nightwatchmen, etc.....		66,377.84
Cleaners and miscellaneous.....		110,010.92
		\$ 392,728.23
		\$ 540,874.21

Apportionment of the foregoing:

	Labour	Material
Administration (\$49,314.47):		
Bursar's Office.....	\$ 26.92	\$ 2.91
Registrar's Office.....	3.68	.58
Superintendent's Office.....	480.99	61.33
Central Stores.....	1,350.00	
Grounds.....	10,911.24	1,136.34
Protective Service.....	16,611.25	46.06
Telephones.....	4,778.21	
Convocation and Simcoe Halls.....	11,709.76	1,222.86
184 College Street.....	742.57	229.77
Library (\$6,121.81):		
Maintenance.....	528.01	324.63
Building.....	4,222.67	1,046.50
Athletics, Physical Training, etc. (\$6,579.45):		
Athletics and Physical Training—Men.....	53.14	18.70
Athletics and Physical Education—Women.....	37.21	22.79
Health Service.....	5.66	23.94
Hart House—share of maintenance.....	4,177.57	1,417.75
44 Hoskin Ave.....	752.96	69.73
Royal Ontario Museum.....	34,542.44	2,851.05
Examinations.....	405.44	1.04

Faculty of Arts (\$56,066.92):

Astronomy.....	\$ 2.50	\$ 22.70
Botany.....	220.47	295.15
Chemistry.....	1,056.38	2,120.81
Fine Art.....	72.53	31.87
Geography.....	25.68	1.83
Geology.....	77.21	39.96
History.....	1.50	.....
Mineralogy.....	143.84	90.60
Physics.....	877.30	668.70
Political Economy.....	1.76	1.93
Psychology.....	69.40	18.16
Zoology.....	327.46	587.41
University College Departments.....	15.95	.....
University College General Expenses.....	13.19	1.40
Baldwin House.....	995.93	199.11
Biological Building.....	3,308.68	580.61
Botany Building.....	3,064.27	573.48
Chemical Building.....	3,484.14	747.86
David Dunlap Observatory.....	1,116.07	353.19
Economics Building.....	5,452.40	744.30
McLennan Laboratories.....	5,482.74	1,706.82
Military Studies Building.....	1,757.23	194.58
Psychology Building.....	2,605.25	602.48
University College Building.....	10,042.28	2,229.34
No. 43 St. George Street.....	760.74	233.62
No. 45 St. George Street.....	675.08	154.65
No. 47 St. George Street.....	692.32	83.08
No. 49 St. George Street.....	1,270.97	170.01

Faculty of Medicine (\$40,432.12):

Anatomy.....	41.59	75.07
Bio-Chemistry (including Zymology).....	967.92	1,253.48
Hygiene and Preventive Medicine.....	82.58	39.25
Medicine and Paediatrics.....	23.24	183.67
Pathological Chemistry.....	35.57	75.93
Pathology and Bacteriology.....	376.99	607.49
Pharmacy and Pharmacology.....	42.25	154.95
Physiology.....	37.41	402.62
General Expenses.....	21.20	20.27
Anatomical Building.....	3,900.59	464.07
Banting Institute.....	9,364.92	1,153.95
Hygiene Building.....	13,193.01	2,333.39
Medical Building.....	4,766.46	814.25

School of Hygiene:

Maintenance.....	2.70	25.40
------------------	------	-------

Faculty of Applied Science (\$29,187.40):

Applied Physics.....	153.20	182.06
School of Architecture.....	14.87	73.57
Chemical Engineering and Applied Chemistry.....	995.38	1,197.65
Civil Engineering—Municipal and Structural.....	162.09	260.42
Civil Engineering—Surveying and Geodesy.....	53.45	245.87
Electrical Engineering.....	99.58	83.90
Engineering Drawing.....	273.23	124.39
Mechanical Engineering.....	208.24	312.56
Metallurgical Engineering.....	3,441.93	2,006.74
Mining Engineering.....	101.59	319.21
General Expenses.....	13.63	1.25
Photographic Service.....	23.15	17.63
Electrical Building.....	3,336.51	667.40
Engineering Building.....	4,751.19	1,043.40
Geodetic Observatory Building.....	405.34	47.97
Mining Building (including Mill Building).....	7,081.89	1,488.11

Faculty of Dentistry (\$11,219.11):

Laboratory and Infirmary Supplies.....	1,954.80	1,365.37
Dental Building.....	6,619.97	1,278.97

Faculty of Household Science (\$4,729.16):

Household Science.....	157.80	37.02
Food Chemistry.....	46.13	24.53
General Expenses.....	.....	2.06
Household Science Building.....	3,916.34	545.28

Faculty of Forestry (\$886.67):		
Maintenance.....	\$ 68.33	\$ 256.53
Forestry Building.....	478.73	83.08
School of Nursing (\$6,775.97):		
School Maintenance.....	10.55	.....
Residence Maintenance.....	42.49	75.72
Building No. 7 Queen's Park.....	2,806.28	999.46
Building No. 85 Grenville St.....	2,018.33	823.14
School of Physical and Health Education:		
Maintenance.....	.63	.....
University Extension and Publicity.....	524.83	158.58
Men's Residences:		
Maintenance of Buildings.....	10,394.96	969.90
Women's Residences and Union (\$13,174.50):		
Maintenance of Buildings.....	7,912.62	2,189.16
Housekeeping Account.....	1,543.51	1,529.21
Central Power Plant.....	20,354.52	2,770.48
Special Research (including Banting and Best).....	1,389.77	1,322.83
Superintendent's Stores.....	6,838.94	140.99
Ontario College of Education.....	13,365.61	2,231.22
Alterations, 146 St. George St.....	3,218.48	2,775.17
Alterations, 5 Willcocks St.....	880.61	892.80
86 Queen's Park Rehabilitation.....	2,778.61	784.63
Work done for University Organizations, members of staff, sundry incidental accounts, etc. (including Accounts Receivable on 30th June).....	116,480.70	70,056.98
Cash Sales.....	.....	393.60
	<u>\$392,728.23</u>	<u>\$128,312.26</u>
		\$521,040.49
Ledger Balance 30th June, 1944.....		<u>\$ 19,833.72</u>

APPENDIX V.

Ontario College of Education

Balance on hand 30 June, 1943.....		\$ 60,795.67
Receipts, 1943-44:		
Legislative Grant.....	\$255,000.00	
Less salaries paid direct:		
A. Macdonald.....	\$ 4,200.00	
C. T. Sharpe.....	2,835.00	7,035.00
		\$ 247,965.00
Fees of Students.....		51,998.82
Use of Aura Lee Grounds (Ontario College of Education Athletic Field).....		600.00
		<u>\$ 300,563.82</u>
		\$ 361,359.49
Expenditures for salaries and maintenance for the year ending 30th June, 1944.....	\$303,856.91	
Transferred to the Institute of Child Study.....	6,000.00	
		<u>309,856.91</u>
		<u>\$ 51,502.58</u>

Salaries

Deans:		
J. G. Althouse, at \$6,000; resigned January 31 (paid also \$200 as Instructor in Courses for degrees in Pedagogy and \$1,120 for Summer Courses).....		\$ 3,500.00
A. C. Lewis, at \$6,000 from February 1 (paid also \$2,741.67 as Headmaster, University Schools and \$840 for Summer Courses).....		2,500.00

Professors:

W. G. Bennett, Commercial Subjects (paid also \$70 for Summer Course).....	\$ 4,700.00
G. A. Cornish, Methods in Science; retired June 30 (paid also \$945 for Summer Courses).....	4,700.00
W. J. Lougheed, Methods in Mathematics (paid also \$385 for Summer Course).....	4,700.00
J. A. Long, Educational Research; also Director of Department (paid also \$975 for Summer Courses).....	4,700.00
Miss W. G. Barnstead, also Director of Library School.....	4,600.00
B. C. Diltz, English and History (paid also \$385 for Summer Course).....	4,550.00

Associate Professors:

C. E. Phillips, History of Education; also Editor of "The School" (paid also \$350 for Summer Course and \$220 in School of Nursing).....	4,700.00
Miss H. B. St. John, Modern Languages; also Supervisor of Women Students (paid also \$385 for Summer Course).....	4,400.00

Home Economics:

Miss C. R. Dean.....	4,000.00
Miss R. E. Ratz.....	4,000.00

Assistant Professors:

E. L. Daniher, History (paid also \$385 for Summer Course).....	4,400.00
F. Halbus, Physical Education.....	4,225.00
Adrian Macdonald, Elementary Subjects (salary paid by Department of Education; paid \$560 for Summer Courses).....	.....
Miss H. L. Bryans, Physical Education.....	3,900.00

Library Science in Library School:

Miss B. Bassam.....	3,400.00
Miss M. E. Silverthorn.....	3,200.00

D. A. Glassey, Instructor in Methods in Classics (Sessional) Ob. April 19; salary for May paid to Widow.....	4,050.00
--	----------

Lecturers:

Miss A. Marsh, Fine Art.....	3,725.00
M. D. Parmenter, Psychology (paid also \$140 for Summer Course and \$100 for Extension Work).....	3,100.00
R. W. B. Jackson, Educational Research (paid also \$280 for Summer Course).....	2,900.00
Miss V. B. Nichol, Home Economics.....	2,800.00
Miss M. M. B. Davidson, Library Science.....	2,000.00

Lecturers and Instructors in University Schools:

G. N. Bramfitt, Diction and Voice Production (paid also \$360 for Extension Work).....	4,000.00
A. T. McLachlan, Manual Training (paid also \$1,200 for Extension Work).....	3,800.00
L. R. Bell, Music.....	3,400.00

Instructors in University Schools:

Headmasters:

A. C. Lewis, at \$4,700 to January 31; paid as Dean from February 1.....	2,741.67
W. B. MacMurray, at \$4,200 from February 1 (paid as Instructor to January 31).....	1,750.00
R. F. S. Baird.....	4,000.00
G. A. Cline (paid also \$420 for Extension Work).....	4,000.00
A. G. Croal (paid also \$420 for Summer Course and \$25.50 for Extension Work).....	4,000.00
J. L. Gill.....	4,000.00
Norman McLeod (paid also \$420 for Summer Course).....	4,000.00
J. D. Morrow (paid also \$385 for Summer Course and \$9 for Extension Work).....	4,000.00
N. L. Murch (paid also \$420 for Summer Course and \$13.50 for Extension Work).....	4,000.00
P. A. Petrie (paid also \$420 for Summer Course and \$10.50 for Extension Work).....	4,000.00
W. L. C. Richardson.....	4,000.00

J. G. Workman.....	\$ 4,000.00
H. A. Grainger, at \$4,000; resigned February 28.....	2,666.66
W. B. MacMurray, at \$3,200 to January 31; paid as Headmaster from February 1.....	1,866.67
Hermann McGuire, at \$3,600; on War Service; contribution to Teachers' Insurance and Annuity Association.....	180.00
A. D. Lockhart (paid also \$420 for Summer Course).....	3,200.00
L. H. Newell (paid also \$420 for Summer Course and \$126.50 for Extension Work).....	3,200.00
W. R. Stewart, at \$3,450; resigned August 31 (paid also \$420 for Summer Course).....	575.00
W. B. Gray, on War Service at \$2,700 to April 30; at \$2,800 from May 1.....	579.17
B. C. Taylor, at \$2,600; on War Service from September 15.....	927.34
K. E. Prentice.....	2,500.00
J. S. Carlisle (paid also \$420 for Summer Course).....	2,100.00
J. L. MacDowell, from September 1.....	2,000.00
G. S. Coward, from April 1.....	600.00
P. J. Mullin, 3 months.....	540.00
C. T. Sharpe, paid by Department of Education.....	.....
G. W. Cochrane, Instructor in Swimming and Supervisor of U.T.S. Athletic Grounds and Sports.....	3,100.00
Instructors in Library School (Sessional):	
Miss L. H. Smith, Work with Boys and Girls.....	450.00
W. S. Wallace, College and University Libraries (paid also \$5,500 as University Librarian).....	350.00
Administration of Libraries:	
Angus Mowat, at \$150; on War Service.....	.....
F. C. Jennings, honorarium \$150; Expenses \$47.03.....	197.03
Miss M. E. M. Poole, Special Libraries.....	150.00
C. R. Sanderson, Circulation of Books.....	150.00
Miss F. Trotter, Story Telling.....	150.00
Occasional Lecturers in Library School (Sessional):	
R. E. Crouch (including expenses \$18.15).....	33.15
G. S. Brett (paid also in Faculty of Arts).....	30.00
Miss Elizabeth Long.....	30.00
E. J. Pratt (paid also in Faculty of Dentistry).....	30.00
J. H. Ryan.....	30.00
David Smith (including Expenses \$10).....	25.00
Miss M. I. Mustard (including Expenses \$5.85).....	20.85
Miss N. Bateson.....	15.00
Miss E. S. Cavanaugh.....	15.00
Miss H. W. Leaf.....	15.00
Miss E. H. Morton.....	15.00
Miss M. Shepard.....	15.00
Miss A. M. Wright.....	15.00
Griffith Taylor, Special Lecturer in Geography (paid also \$4,000 in Faculty of Arts).....	2,500.00
Instructors in Courses for Degrees in Pedagogy (Sessional):	
J. G. Althouse (paid also \$3,500 to January 28, as Dean).....	200.00
A. C. Lewis (paid also \$2,500 as Dean and \$2,741.67 as Headmaster in University Schools).....	200.00
Norman Davies, Lecturer in Methods in Agriculture (Sessional).....	300.00
G. S. Coward, Supply Teacher, at \$10 per day.....	200.00
Supply Teachers, at \$7.50 per day:	
Miss R. Taillefer.....	112.50
Miss E. Sweetman.....	105.00
Miss K. Riddell.....	45.00
Miss D. McLaren.....	90.00
Miss J. E. Wright.....	45.00
M. H. F. Quinn.....	30.00
Mrs. Mary A. Wilson.....	30.00
T. J. P. Thompson.....	22.50
H. F. Cunningham.....	22.50
D. F. Tapscott.....	15.00
W. A. Harding.....	7.50
Miss M. Duncan.....	7.50
Miss D. A. Thompson, Librarian.....	2,800.00

Assistant Librarians:	
Miss D. O. Walter	\$ 2,100.00
Mrs. Marjory B. Stewart, at \$1,200 from October 1	900.00
Miss M. Faircloth, Library Reviser	1,300.00
Miss L. Swinarton, Secretary	2,650.00
Miss E. G. Seldon, Clerk in Headmaster's Office	1,800.00
Clerks:	
Miss J. M. Jeffrey	1,950.00
Miss A. A. Elliott	1,800.00
Mrs. Catherine Grant	1,500.00
Miss G. M. Harvey, at \$1,800; resigned December 31	900.00
Miss M. Hambly, at \$1,200 from February 1	500.00
Miss M. Clemens, Pianist in Physical and Health Education for Women (Sessional)	400.00
	\$ 192,745.04
Retiring Allowances:	
Teachers' Insurance and Annuity Association, contribution of College for year ending June 30th, 1944, to retiring fund	3,869.80
Contribution of College for year ending June 30th, 1944, University Pension Fund—Employees	1,364.00
	\$ 5,233.80
Charges on Investment:	
Accountant, Supreme Court of Ontario, proportion of annual payment on debenture issue of 1909 for interest and sinking fund	\$ 10,000.00
Maintenance of Buildings:	
Fuel (\$3,697.48):	
Great Lakes Coal Co.	\$ 3,638.73
Halliday Bros.	58.75
Gas, \$238.44; electric current, \$1,402.65; water, \$175.93; telephone, \$373.37	2,190.39
Caretaker's Supplies:	
Superintendent's Dept., material	587.90
Cleaning and Furnaceman:	
Superintendent's Dept., labour	8,885.23
Repairs and Renewals (\$3,874.14):	
Wm. Bartlett and Son, shades and repairs	26.06
Canadian Powers Regulator Co., servicing temperature control system	46.88
Downtown Welding, welding	11.25
T. Eaton Co., material	13.68
A. P. Green Fire Brick Co., brick and tile	123.12
John Inglis Co., gaskets, tubes	596.85
Premier Vacuum Cleaner Co. ....	.30
Provincial Treasurer of Ontario, elevator licenses	10.00
Superintendent's Dept., labour, \$2,299.94; material, \$746.06	3,046.00
Alterations (\$1,200.00):	
Consolidated Plate Glass Co., plate mirror	63.70
T. Eaton Co., linoleum	47.55
Superintendent's Dept., labour, \$820.12; material, \$268.63	1,088.75
Grounds (\$528.83):	
Bell Telephone Co.	8.95
Superintendent's Dept., labour, \$348.95; material, \$170.93	519.88
Caretaker and Engineer:	
J. Harding, 12 months	1,700.00
Night Watchmen (\$1,654.79):	
W. N. Lotto	1,380.00
G. Poutney (paid also in Protective Service and Connaught Laboratories)	152.40
F. Bettridge (paid also in Protective Service and Connaught Laboratories)	61.43
L. Saltman (paid also in Protective Service and Connaught Laboratories)	53.34
G. Hives	7.62
	\$ 24,318.76
Less Credits: Cleaning, \$315.05; caretaker's supplies, \$16.75; sale of lockers, \$600.00; fuel and light, \$92.45; telephone, \$61.38; repairs and renewals, \$33.09; use of auditorium, \$50.00	
	1,168.72
	\$ 23,150.04

Maintenance of Aura Lee Grounds:

Fuel (\$405.07):		
P. Burns and Co.....	\$	45.50
Halliday Bros.....		359.57
Gas, \$42.94; electric current, \$73.74; water, \$31.93; telephone, \$98.45.....		247.06
Caretaker's Supplies (\$15.55):		
Consumers Gas Co.....		2.46
Superintendent's Dept., material.....		13.09
Repairs and Renewals:		
Superintendent's Dept., labour, \$282.75; material, \$213.04....		495.79
Sundries and Occasional Labour:		
Superintendent's Dept., labour.....		105.35
Caretaker:		
G. Cruikshank, 12 months (with living quarters valued at \$200.00).....		1,300.00
		<u> </u>
	\$	2,568.82

Maintenance of Instruction:

Use of City Schools:		
Board of Education, City of Toronto.....	\$	21,675.00
Living Expenses of teachers in training (\$55.23):		
Barbara Belford.....		10.00
Jean Bier.....		10.00
Madeleine Coulombe.....		10.00
Delphine Hartman.....		10.00
Adrian MacDonald.....		5.23
Dorothy Warne.....		10.00
Sundry travelling expenses of Rural Teachers (\$70.40):		
Canadian National Railway, tickets.....		8.30
Canadian Pacific Railway, tickets.....		18.75
Gray Coach Lines Ltd., tickets.....		43.35
Art Gallery of Toronto, services in connection with practice teaching.....		6,000.00
Payments to Librarians who assisted in practical work (\$1,060.00):		
Miss Helen Armstrong.....		75.00
Miss Louise Boothe.....		25.00
Miss Gertrude Boyle.....		75.00
Miss Kathleen Dolan.....		50.00
Miss Myrtle Forman.....		75.00
Miss Jean Fowler.....		25.00
Miss Margaret Fraser.....		25.00
Miss Elizabeth Gordon.....		25.00
Stephen Hazen.....		15.00
Miss Susan Laird.....		10.00
Miss Isabelle Locheed.....		75.00
Miss Kate Morrison.....		50.00
Miss Mary Mustard.....		25.00
Miss M. L. Newton.....		25.00
Mrs. Margaret Parry.....		10.00
Miss Margaret Reid.....		25.00
Miss Jessie Rorke.....		75.00
Miss Eleanor Shaw.....		75.00
Miss Helen Stubbs.....		75.00
Miss Jean Thomson.....		75.00
Miss Ethelwyn Wickson.....		75.00
Miss Hilda G. Woolryche.....		75.00
Dr. C. R. Jarvis, Instructor in Penmanship.....		100.00
Laboratory Assistance and Piano Assistance:		
Mrs. S. McKerrighan.....		129.50
Contingencies (\$410.33):		
Travelling Expenses:		
Dean J. G. Althouse.....		64.50
Miss Helen Bryans.....		42.49
M. D. Parmenter.....		58.35
Miss Ruth E. Ratz.....		244.99

Office Supplies (\$1,480.55):

Miss Jean Campbell, wages	\$	51.00
D. Gestetner, ink, stencils		195.60
Office Specialty Manufacturing Co., folders, guides		40.55
Postage		457.00
Robbins and Townsend, typewriter service, ribbons, in- spections		46.10
Stephens Sales, paper		104.55
Mrs. Louise Turnbull, wages		31.50
University Press, printing and stationery		492.92
Accounts under \$10.00 (8)		28.73
Sundry disbursements by department: telephone, \$19.02; express and telegraph, \$2.22; sundries, \$3.76		25.00
Superintendent's Dept., labour, \$7.50; material, \$.10		7.60

Office Supplies for Library School (\$222.30):

Moyer School Supplies, paper		19.00
Postage		50.00
University Press, printing and stationery		113.87
Accounts under \$10.00 (2)		10.41
Sundry disbursements by department: stationery, \$3.19; telephone and telegraph, \$5.38; sundries, \$7.16; pamphlets, \$8.73		24.46
Superintendent's Dept., labour, \$4.50; material, \$.06		4.56

General supplies and apparatus for classroom use (\$7,066.45):

Artists' Supply Co., paint		11.20
Associated Screen News, films		175.20
Bausch and Lomb Optical Co., ring demonstrators		12.00
Bellman Publishing Co., monographs		16.52
W. G. Bennett, preparation of bulletins		102.00
J. Blood, groceries		11.15
Boake Manufacturing Co., wood		55.40
Boy Scouts of America, pamphlets		24.03
Building America, subscription		14.83
Canadian General Electric Co., bulbs, batteries, fixture		18.98
Canada Rug Co., rugs		134.00
Gus Cancilla, provisions		92.83
Central Scientific Co., tuning fork, plates, charts, chemicals, etc.		283.05
Chadwick Electric Co., wire, batteries, lugs		30.77
Clarke Irwin and Co., books		27.40
Copp Clark Co., books, chalk		70.97
Curry's Art Store, prints		10.00
Department of Educational Research, Ontario College of Education, tests		22.40
T. Eaton Co., carpets, paint, seals, etc.		475.59
Miss N. D. Fidler, lectures		50.00
Fortune, subscription		13.50
W. J. Gage and Co., books		13.82
General Films Ltd., balloons, sound print, repairs, etc		339.50
Ginn and Co., books		49.50
Globe Furniture Co., Ltd., desks		502.90
Grand and Toy, Ltd., folders, labels		52.00
J. M. Green Music Co., instruments repaired		74.60
William Haines, frames		84.00
Hooper's Drug Store, film, film holder, etc.		25.83
Dr. Eleanor Long, lectures		70.00
Lowe Martin Co., cards		37.53
George J. McLeod Ltd., books		39.65
A. Moody, enamelling		17.00
Musson Book Co., books		12.44
New Method Laundry Co.		12.28
New York University Film Library, films		479.08
Office Specialty Manufacturing Co., guides, folders, desk		70.09
Promenade Music Centre, records, etc.		162.11
Presiding Examiners		351.00
Psychological Corporation, reprints		17.24
R. C. A. Victor Co., record envelopes		10.00
Renouf Publishing Co., books		28.24
Robbins and Townsend, typewriter service		10.20
Ryerson Press, books		103.62

Science Research Association, vocational guidance material..	\$	28.09
Robt. Simpson Co., sheeting, flowers, cord.....		11.94
J. B. Smith and Sons Ltd., lumber.....		27.76
Leslie Victor Smith, lettering diplomas.....		102.85
G. Tamblyn Co., soap.....		10.93
Gordon V. Thompson, sheet music.....		22.54
Herbert L. Troyer, books.....		10.00
Troyer Natural Science Service, service, repairs.....		83.37
Underwood Elliott Fisher Ltd., rentals.....		160.00
Vocational Guidance Centre, tests, books, etc.....		241.36
Warwick Bros. and Rutter, books.....		117.72
Harold A. Wilson Co., badminton birds, softballs.....		13.68
World Book Co., books.....		306.42
Payments to Examiners, extra mural candidates:		
J. G. Althouse.....		29.25
W. G. Bennett.....		67.65
J. S. Carlisle.....		24.00
G. A. Cornish.....		52.50
E. L. Daniher.....		31.50
B. C. Diltz.....		35.62
D. A. Glassey.....		13.50
W. J. Lougheed.....		19.12
A. MacDonald.....		15.00
M. D. Parmenter.....		15.00
Helen B. St. John.....		19.87
Sundry persons.....		6.75
University Press, printing and stationery.....		327.01
Accounts under \$10.00 (78).....		270.54
Sundry disbursements by department: stationery, \$1.95; class supplies, \$32.62; sundries, \$16.52; hardware, \$29.02; food for animals, \$5.33; postage, \$.31.....		85.75
Superintendent's Dept., freight, \$112.27; labour, \$372.46; material, \$217.55.....		702.28
Supplies and equipment for Library School (\$1,014.15):		
American Library Association, subscription and books.....		94.71
Bookshelf Bindery, books.....		32.90
Gordon and Gotch, subscriptions.....		86.51
Grolier Society Ltd., books.....		150.50
Lowe Martin Co., pads, cases.....		38.93
MacMillan Co. of Canada, books.....		23.80
Musson Book Co., book.....		11.55
Ontario Library Association, dues.....		10.00
Robbins and Townsend, typewriter service, ribbons.....		15.80
S. J. Reginald Saunders, books.....		172.50
L. C. Smith and Corona Typewriters, rentals.....		60.00
Superintendent of Documents.....		44.86
H. W. Wilson Co., subscriptions, books.....		75.80
University Press.....		78.97
Accounts under \$10.00 (24).....		97.42
Superintendent's Dept., freight, \$14.79; labour, \$1.00; material, \$4.11.....		19.90
Library Books, Periodicals, etc. (\$1,445.81):		
Thos. Allen Ltd., text books.....		11.57
American Library Association, membership, books, subscrip- tion.....		29.54
Blue Ribbon Books (Canada) books.....		12.08
Bookshelf Bindery, binding.....		44.01
Clarke Irwin Co., books.....		13.96
Wm. Dawson Subscription Service, books, map services, etc.....		118.75
Mrs. Edith Edge, wages.....		100.00
W. J. Gage Co., books.....		13.44
Library of Congress, cards.....		23.37
Longmans Green and Co., books.....		21.40
Lowe Martin and Co., label holders, guides, etc.....		143.60
Frank E. Lucas, subscription.....		15.60
MacMillan Co. of Canada, books.....		14.44
McClelland and Stewart, books.....		17.48
Musson Book Co., books.....		14.59
Ryerson Press, book cloth and binder.....		43.69

Vocational Gu dance Centre, bases, folders, books	25.00
H. W. Wilson and Co., subscriptions.....	109.30
University Press, printing and stationery	555.10
Accounts under \$10.00 (40).....	118.89
Physical Education, including care of grounds, Field Day, Sports, etc. (\$466.68):	
Independent Towel Supply.....	26.00
Lackie Manufacturing Co., trophies	60.00
University of Toronto Athletic Association, rental	100.00
H. A. Wilson Co., basketballs, volleyball, trophy cups, bad- minton birds, crests, etc.....	243.12
Accounts under \$10.00 (3).....	17.52
Superintendent's Dept., freight \$.39; labour, \$9.90; material, \$9.75	20.04
Lunchroom Equipment (\$364.92):	
Cassidy's Ltd., bowls.....	13.89
Hospital and Kitchen Equipment Ltd., dishwasher, sink baskets.....	313.03
National Cash Register Co., service	38.00
Graduate Courses and Summer Session (\$2,590.00):	
Instructors:	
J. G. Althouse	350.00
R. W. B. Jackson.....	280.00
A. C. Lewis.....	280.00
J. A. Long.....	350.00
Adrian MacDonald	350.00
T. H. W. Martin	280.00
F. W. Minkler.....	350.00
C. E. Phillips	350.00
Department of Educational Research:	
Research Assistants (\$3,500.00):	
Miss K. M. Hobday.....	2,300.00
R. Ranton McIntosh.....	200.00
A. J. Phillips.....	1,000.00
Clerical Assistants (\$4,300.00):	
Mrs. Aileen Black.....	1,000.00
Miss M. Graham.....	1,700.00
Miss M. Spalding.....	1,600.00
Temporary Assistants for Scoring Tests (\$1,161.49):	
Miss Elizabeth Callow.....	49.90
Mrs. A. W. Chisholm	40.80
Miss Sylvia Clark.....	20.80
Miss Doreen Gilbert.....	43.91
Miss J. I. Halfyard.....	77.68
Mrs. Jean Heeley.....	517.51
Don Kennedy.....	54.60
Miss Frances Kennedy	20.40
Miss Mary L. Long.....	75.65
Mrs Dorothy McIntyre.....	107.18
Andrew Moore.....	100.00
Mrs. A. J. Phillips.....	32.61
Sundry persons (4).....	20.45
Office supplies, printing, etc. (\$2,434.43):	
Callow Bros., desk trays, etc.....	32.80
Leonard A. Phillip and Co., repairing	18.81
Postage.....	150.00
Robbins and Townsend, typewriter service, ribbons.....	36.90
Ryerson Press, binders.....	6.60
"The School", advertising.....	15.00
University Press, printing and stationery.....	1,952.27
Sundry disbursements by department: stationery, \$2.77; supplies, \$3.77; pamphlets, etc. \$3.63; carfare, \$7.25; sundries, \$2.58.....	20.00
Superintendent's Dept., freight, \$200.00; labour, \$2.05	202.05

Travelling expenses (\$203.40):

J. A. Long	57.70
R. Ranton McIntosh	145.70

Student's Social Activities (\$283.40):

Adams Furniture Co., lamps.....	44.90
Walter Coles Son Ltd., refreshments.....	37.00
J. Harding, overtime.....	1.50
Ontario College of Education, Student Society, refreshments.....	71.27
Panoramic Photography Co., photographs.....	33.50
U.T.S. Cafeteria, refreshments.....	60.50
Sundry disbursements by department.....	22.23
Superintendent's Dept., labour.....	12.50

Publication of "The School" and distribution in Training Schools:

"The School" subscription	5,000.00
---------------------------------	----------

Summer Session for High School Assistants (\$9,125.17):

Miss E. J. Affleck.....	420.00
J. G. Althouse.....	770.00
W. G. Bennett.....	70.00
J. S. Carlisle.....	420.00
G. A. Cline.....	420.00
G. A. Cornish.....	385.00
A. G. Croal.....	420.00
E. L. Daniher.....	385.00
B. C. Diltz.....	385.00
A. C. Lewis.....	560.00
A. D. Lockhart.....	420.00
J. A. Long.....	210.00
W. J. Lougheed.....	385.00
A. MacDonald.....	210.00
N. McLeod.....	420.00
J. D. Morrow.....	385.00
N. L. Murch.....	420.00
L. H. Newell.....	420.00
M. D. Parmenter.....	140.00
P. A. Petrie.....	420.00
N. W. Reynolds.....	420.00
W. R. Stewart.....	420.00
Miss H. B. St. John.....	385.00
Miss Louise Turnbull.....	178.50
Miss Bessie Way, wages.....	56.67

\$ 70,159.21

\$303,856.91

REPORT

RELATING TO THE REGISTRATION OF

BIRTHS, MARRIAGES AND DEATHS

IN THE

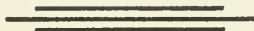
PROVINCE OF ONTARIO

FOR THE

YEAR ENDING 31st DECEMBER

1944

(SEVENTY-FIFTH ANNUAL REPORT)



PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 13, 1945



ONTARIO

TORONTO

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

1946

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

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Seventy-fifth Annual Report of the Registrar-General, relating to the Registration of Births, Marriages and Deaths in the Province of Ontario during the year 1944.

Respectfully submitted,

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

SIR:

I have the honour to submit for your approval the Seventy-fifth Annual Report made in conformity with and under the provisions of the Act respecting the Registration of Births, Marriages and Deaths in the Province of Ontario, for the year ending December 31st, 1944.

I have the honour to be, Sir,

Your obedient servant,

F. V. JOHNS,
Deputy Registrar-General.

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

TABLE OF CONTENTS

Introduction.....	PAGE 11
-------------------	------------

PART I.—COMPARATIVE AND ANALYTICAL SUMMARY

Population.....	2
Natural Increase.....	3
Births.....	13
Infant Mortality.....	21
Maternal Mortality.....	25
General Mortality.....	28
Selected Causes of Death.....	31
The Four Chief Causes of Death in Each Age-Group.....	32
Mortality from Notifiable Diseases.....	33
Mortality from Tuberculosis.....	37
Mortality from Cancer.....	39
Mortality from Pneumonia, Bronchitis and Influenza.....	43
Special Classes of Accidental Deaths.....	43
Marriages.....	44
Divorces.....	45

List of Charts

CHART 1 Birth and Death Rates per 1,000 Population and Natural Increase, 1922-1944, and Stillbirth and Illegitimate Birth Rates per 1,000 Live Births, 1922-1944..	15
CHART 2 Percentage of Live Births, Stillbirths and Illegitimate Births in Each Age-Group of Mothers, 1922-1941 and 1944.....	19
CHART 3 Infant Mortality, by Age at Death, 1926-1940 and 1944.....	22
CHART 4 Percentage of Total Deaths in Each Age-Group, by Sex, 1921, 1931, 1941 and 1944.....	30
CHART 5 Death Rates per 100,000 Population from Tuberculosis, Cancer and Pneumonia, Ontario, 1900-1944.....	36

Tables

TABLE A Population, Censuses 1921, 1931 and 1941, and Estimated for Intercensal Years, by Sex, 1944, Ontario.....	12
TABLE B Estimated Population of Ontario, by Sex and Age-Group, 1944.....	12
TABLE C Natural Increase and Natural Increase Rates, Ontario, 1923-1944.....	13
TABLE D Summary of Live Births, Stillbirths and Illegitimate Births, and Rates, Ontario, 1923-1944.....	14
TABLE E Live Births, classified by Age of Mother, Ontario, 1923-1944.....	16
TABLE F Stillbirths, classified by Age of Mother, Ontario, 1923-1944.....	17
TABLE G Illegitimate Live Births, classified by Age of Mother, Ontario, 1923-1944.....	18
TABLE H Infant Deaths, by Age at Death, Ontario, 1921-1944.....	21
TABLE I Deaths of Children Under One Year (Stated Causes of Death), Ontario, 1935-1944.....	23
TABLE J Infant Mortality in Cities, Towns and Villages of 10,000 Population and Over (as at Census, 1941) and Rate per 1,000 Live Births, by Place of Residence 1941-44, with Five Year Averages 1921-40 Place of Occurrence.....	24

	PAGE
TABLE K Maternal Deaths, and Rate per 1,000 Live Births, by Age, Ontario, 1921-1944.	26
TABLE L Maternal Mortality and Rate per 1,000 Live Births, classified by Cities, Towns and Rural Areas, Ontario, 1935-1944.	26
TABLE M Deaths of Women not classified to Pregnancy or Child-bearing but Returned as Associated Therewith, Ontario, 1944.	27
TABLE N Deaths (exclusive of Stillbirths) and Death Rates per 1,000 Population, Ontario, 1923-1944.	28
TABLE O Death Rates per 1,000 Population for Each Sex and Age-Group, 1921, 1931, 1941, 1942, 1943 and 1944.	29
TABLE P Selected Causes of Death in Ontario, 1935-1944.	31
TABLE Q The Four Chief Causes of Death in the Different Age-Groups, Ontario, 1944.	32
TABLE R (1) Deaths from Notifiable Diseases, Ontario, 1935-1944.	34
TABLE R (2) Death Rates per 100,000 Population, Notifiable Diseases, Ontario, 1935-1944.	35
TABLE S (1) Deaths from Tuberculosis (all forms) by Age and Sex, Ontario, 1935-1944.	37
TABLE S (2) Death Rates per 100,000 Population from Tuberculosis, by Age, Ontario, 1931, 1941, 1942, 1943, and 1944.	39
TABLE T (1) Deaths from Cancer, by Age and Sex, Ontario, 1935-1944.	39
TABLE T (2) Death Rates per 100,000 Population from Cancer, by Sex, Ontario, 1935-1944.	41
TABLE U Deaths, and Death Rates per 100,000 Population, from Cancer, classified by Sites Affected, 1935-1944.	41
TABLE U (1) Deaths from Pneumonia, Bronchitis and Influenza in Ontario, 1935-1944.	43
TABLE V Special Classes of Accidental Deaths in Ontario, Classified According to Nature of Injury, 1944.	43
TABLE W Marriages and Marriage Rates per 1,000 Population, Ontario, 1923-1944.	45
TABLE X Dissolutions of Marriage (Divorces) and Rates per 1,000 population, 1919-1944 and Ratio of Dissolutions to Male and Females, 1935-1944.	46
TABLE Y Maternal Mortality in Cities, Towns and Villages of 5,000 Population and over, Ontario, 1944 (as of census year 1941) classified by Place of Residence.	47
TABLE Z Deaths from Tuberculosis, 1944.	48

PART II.—DETAILED TABLES, 1944

General Summary Tables

TABLE 1 General Summary of Births, Deaths and Marriages in the Province of Ontario by County Municipalities (including Cities, Towns and Villages), 1944 (as at Census, 1941), classified by Place of Residence.	51
TABLE 2 General Summary of Births, Deaths and Marriages, and the Ratio per 1,000 of Population in each County (excluding Cities, Towns and Villages of 5,000 Population and over), Ontario, 1944 (as at Census, 1941), classified by Place of Residence.	52
TABLE 3 General Summary of Births, Deaths and Marriages, in the Province of Ontario for Cities, Towns and Villages of 10,000 Population and over, 1944 (as at Census, 1941), classified by Place of Residence.	53
TABLE 4 General Summary of Births, Deaths and Marriages for Towns and Villages of 5,000 to 10,000 Population in the Province of Ontario, 1944 (as at Census, 1941), classified by Place of Residence.	53
TABLE 5 General Summary of Births, Deaths and Marriages in the Province of Ontario, for Towns and Villages of 1,000 Population and under 5,000, 1944 (as at Census, 1941), classified by Place of Residence.	54

Births

TABLE 6 Births (exclusive of Stillbirths) by Months, classified as Rural and Urban, in the Province of Ontario, 1944 (as at Census, 1941), classified by Place of Residence.	56
TABLE 7 Total Live Births and Live Births in Institutions, showing the Number of Mothers non-resident in the Province of Ontario, 1944.	60

TABLE 8	Births (exclusive of Stillbirths) to resident and non-resident Mothers, and Births in Institutions in the Cities, Towns and Villages of Ontario of 5,000 Population and over, 1944 (as at Census, 1941).....	61
TABLE 9	Births (exclusive of Stillbirths) classified as Legitimate or Illegitimate and as Single or Plural by Sex, for Cities, Towns and Villages of 5,000 and over, 1944 (as at Census, 1941), classified by Place of Residence.....	62
TABLE 10	Births (exclusive of Stillbirths) classified according to Ages of Parents, Ontario, 1944.....	64
TABLE 11	Births (exclusive of Stillbirths) classified according to Racial Origin of Parents, Ontario, 1944.....	66
TABLE 12	Legitimate Births (exclusive of Stillbirths) classified according to Age and Racial Origin of Mothers, Ontario, 1944.....	68
TABLE 13	Births (exclusive of Stillbirths) classified according to Birthplace of Parents, Ontario, 1944.....	70
TABLE 14	Legitimate Births (exclusive of Stillbirths) classified according to Age and Birthplace of Mothers, Ontario, 1944.....	72
TABLE 15	Plural Births classified to show Number of Children Born Alive and Stillborn by Sex, for the Province of Ontario, 1944.....	74

Marriages

TABLE 16	Marriages in the Province of Ontario, by Months, 1944.....	74
TABLE 17	Marriages—Conjugal condition of Contracting Parties, Ontario, 1944.....	74
TABLE 18	Marriages—Ages of Bridegrooms and Brides, Ontario, 1944.....	75
TABLE 19	Marriages—Denominations of Contracting Parties, Ontario, 1944.....	76
TABLE 20	Marriages—Birthplace of Bridegrooms and Brides, Ontario, 1944.....	78
TABLE 21	Marriages by Months classified as Rural and Urban for Ontario, 1944 (as at Census, 1941).....	80

Infant Mortality

TABLE 22	Deaths of Children under One Year (exclusive of Stillbirths), in the Province of Ontario by Months, classified as Rural and Urban, 1944 (as at Census, 1941), classified by Place of Residence.....	85
TABLE 23	Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Children under One Year of Age showing the Number Non-resident in the Province of Ontario, 1944.....	89
TABLE 24	Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Children under One Year of Age, classified according to Residence of Decedents, in Cities, Towns and Villages of Ontario of 5,000 Population and over, 1944..	90
TABLE 25	Deaths of Children under One Year (exclusive of Stillbirths) by Age at Death, Ontario, 1944.....	91
TABLE 26	Deaths of Children under One Year of Age (exclusive of Stillbirths) classified according to Racial Origin of Decedents, Ontario, 1944.....	92
TABLE 27	Deaths of Children under One Year of Age (exclusive of Stillbirths) classified according to Birthplaces of Parents, Ontario, 1944.....	94
TABLE 28	Deaths of Children (exclusive of Stillbirths) from Certain Specified Causes in First Year of Life, by Sex and Calendar Month of Death, Ontario, 1944....	96
TABLE 29	Deaths of Children (exclusive of Stillbirths) from Certain Specified Causes in First Year of Life, by Sex and Age at Death, Ontario, 1944.....	98

General Mortality

TABLE 30	Total Deaths (exclusive of Stillbirths) and Deaths in Institutions, showing the Number Non-resident in the Province of Ontario, 1944.....	99
TABLE 31	Total Deaths (exclusive of Stillbirths) and Deaths in Institutions, classified according to Residence of Decedents, in Cities, Towns and Villages of Ontario, of 5,000 Population and over, 1944 (as at Census, 1941).....	100

	PAGE
TABLE 32 Deaths (exclusive of Stillbirths) by Single Years of Age and by Age-groups, Ontario, 1944.....	101
TABLE 33 Deaths (exclusive of Stillbirths) classified according to Racial Origin of Decedents, Ontario, 1944.....	102
TABLE 34 Deaths (exclusive of Stillbirths) classified according to Birthplace of Decedents, Ontario, and for Cities, Towns and Villages of 10,000 Population and over, 1944.....	104
TABLE 35 Deaths (exclusive of Stillbirths) classified according to Birthplaces of Parents of Decedents in the Province of Ontario, 1944.....	110
TABLE 36 Causes of Death by Sex and Age in the Province of Ontario, 1943.....	112
TABLE 37 Causes of Death for each Sex by Conjugal Condition, Nativity and Month of Death, Ontario, 1944.....	132
*TABLE 38 Causes of Death for each Sex by Conjugal Condition, Nativity and Month of Death, Toronto, 1944.	
*TABLE 39 Causes of Death for each Sex by Conjugal Condition, Nativity and Month of Death, Hamilton, 1944.	
*TABLE 40 Causes of Death for each Sex by Conjugal Condition, Nativity and Month of Death, Ottawa, 1944.	
*TABLE 41 Causes of Death for each Sex by Conjugal Condition, Nativity and Month of Death, London, 1944.	
*TABLE 42 Causes of Death for each Sex by Conjugal Condition, Nativity and Month of Death, Windsor, 1944.	
TABLE 43 Causes of Death by Counties (exclusive of Cities, Towns and Villages of 5,000 and over), Ontario, 1944, classified by Place of Residence.....	162
TABLE 44 Causes of Death for Towns and Villages of 5,000 to 10,000 Population, Ontario, 1944 (as at Census, 1941), classified by Place of Residence.....	182
TABLE 45 Causes of Death for Cities, Towns and Villages of 10,000 Population and over, Ontario, 1944 (as at Census, 1941), classified by Place of Residence.....	194
TABLE 46 Causes of Death by Counties (including Cities, Towns and Villages of 5,000 and over), Ontario, 1944, classified by Place of Residence.....	210
*TABLE 47 Deaths from Certain Causes in Towns and Villages of 1,000 Population and under 5,000, Ontario, 1944.	

*Detailed statistics under this title may be procured from the Registrar-General, if such a request is, in his opinion, sufficiently warranted.

INTRODUCTION

This report is divided into two parts. Part I consists of an analytical survey of the Vital Statistics of the province in the form of narrative summaries, summary tables and charts. Its objectives are (1) to indicate (in so far as can be portrayed by vital statistics) the general trend over the past several years, in the general state of the health of the people of Ontario; (2) to assess the vital statistics of 1944 in the light of these general trends; and (3) to bring to light certain specific problems in the field of public health, such as infant and maternal mortality and deaths from specific diseases such as cancer and tuberculosis and those resulting from accidental causes. Part II consists of detailed tables covering vital statistics for the year 1944. In the interests of economy several tables are not printed in this report. These are listed in the Table of Contents and the information is available upon request providing that such requests, in the opinion of the Registrar-General, are sufficiently warranted and urgent in the public interest.

PART I.—COMPARATIVE AND ANALYTICAL SUMMARY

Population

For reference purposes the estimated population of the province over a period of about two decades is shown by sex in Table A, while a distribution by sex and age-groups of the estimated population of 1944 is provided in Table B.

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

Year	Total	Male	Female	Year	Total	Male	Female
1921	2,933,662	1,481,890	1,451,772	1933	3,512,000	1,788,000	1,724,000
1922	2,980,000	1,507,000	1,473,000	1934	3,544,000	1,804,000	1,740,000
1923	3,013,000	1,525,000	1,488,000	1935	3,575,000	1,820,000	1,755,000
1924	3,059,000	1,550,000	1,509,000	1936	3,606,000	1,835,000	1,771,000
1925	3,111,000	1,578,000	1,533,000	1937	3,637,000	1,850,000	1,787,000
1926	3,164,000	1,606,000	1,558,000	1938	3,672,000	1,867,000	1,805,000
1927	3,219,000	1,635,000	1,584,000	1939	3,703,000	1,885,000	1,823,000
1928	3,278,000	1,666,000	1,612,000	1940	3,747,000	1,904,000	1,843,000
1929	3,334,000	1,696,000	1,638,000	1941	3,787,655	1,921,201	1,866,454
1930	3,386,000	1,724,000	1,662,000	1942	3,884,000	1,966,000	1,918,000
1931	3,431,683	1,748,844	1,682,839	1943	3,917,000	1,983,000	1,934,000
1932	3,473,000	1,769,000	1,704,000	1944	3,965,000	2,005,600	1,959,400

The estimated populations for 1932 to 1940 and 1942 have been revised and the necessary adjustments have been made in the tables showing rates.

TABLE B—ESTIMATED POPULATION OF ONTARIO, BY SEX AND AGE-GROUP, 1944

Age-Group	Total	Male	Female	Age-Group	Total	Male	Female
Under 5.....	344,500	175,800	168,700	50-54.....	222,500	113,900	108,600
5-9.....	304,600	154,700	149,900	55-59.....	196,300	100,700	95,600
10-14.....	316,300	159,900	156,400	45-59.....	660,500	338,300	322,200
0-14.....	955,400	490,400	475,000	60-64.....	160,500	81,600	78,900
15-19.....	332,100	167,900	164,200	65-69.....	125,900	62,000	63,900
20-24.....	351,500	176,400	175,100	70-74.....	91,600	44,200	47,400
25-29.....	319,800	160,600	159,200	60-74.....	378,000	187,800	190,200
15-29.....	1,003,400	504,900	498,500	75-79.....	59,400	27,700	31,700
30-34.....	309,600	156,700	152,900	80-84.....	31,400	14,200	17,200
35-39.....	280,100	143,500	136,600	85-89.....	12,400	5,500	6,900
40-44.....	261,500	135,200	126,300	90 and over..	3,300	1,400	1,900
30-44.....	851,200	435,400	415,800	75 and over	106,500	48,800	57,700
45-49.....	241,700	123,700	118,000	Total.....	3,965,000	2,005,600	1,959,400

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

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

The rural and urban distribution of the 1944 estimated population was as follows:—

Population Group	Estimated Population	Per cent
Incorporated centres *10,000 population and over	1,803,889	45.4
Incorporated centres *5,000 to 10,000 population	223,891	5.6
Incorporated centres *1,000 to 5,000 population	302,453	7.6
Rural Population (including incorporated centres under 1,000*)	1,634,767	41.2

*As at Census of 1941.

Births and deaths for the year 1944 are classified by place of residence. Marriages being classified by place of occurrence.

Tables 7, 8, 22, 23, 29 and 30 have totals by place of occurrence and place of residence.

Natural Increase

The natural increase in the population and the computed rates for the period 1923 to 1944 are shown in Table C.

TABLE C—NATURAL INCREASE AND NATURAL INCREASE RATES, ONTARIO, 1923-1944

Year	Live Births	Deaths	Excess of Births over Deaths	Natural Increase Rate per 1,000 Population
1923	70,056	35,636	34,420	11.4
1924	71,510	33,078	38,432	12.6
1925	70,122	33,960	36,162	11.6
1926	67,617	35,909	31,708	10.0
1927	67,671	34,775	32,896	10.2
1928	68,510	37,128	31,382	9.6
1929	68,458	38,123	30,335	9.1
1930	71,263	37,313	33,950	10.0
1931	69,209	35,705	33,504	9.8
1932	66,842	36,469	30,373	8.7
1933	63,646	35,301	28,345	8.0
1934	62,234	35,119	27,115	7.7
1935	63,069	36,317	26,752	7.4
1936	62,451	37,571	24,880	6.9
1937	61,645	38,475	23,170	6.3
1938	65,564	36,890	28,674	7.9
1939	64,123	37,530	26,593	7.2
1940	68,524	38,503	30,021	8.0
1941	72,262	39,226	33,036	8.7
1942	78,192	39,119	39,073	10.0
1943	81,173	41,063	40,110	10.2
1944	78,090	39,781	38,309	9.7

The natural increase rate has shown a general downward trend during the past two decades with a considerable recovery taking place since 1939. This is attributable, to a large extent, to a sudden rise in the birth rate associated with the war, although the rate in 1944 showed a slight decrease. The lowest rates were reached in the immediate post-depression period of 1933 to 1939, as is clearly shown in Chart 1. The main factors throughout were naturally a general falling birth rate and a relatively stable death rate for the total population despite an increase in the deaths among the higher ages which is directly associated with an ageing population.

Births

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

TABLE D—SUMMARY OF LIVE BIRTHS, STILLBIRTHS AND ILLEGITIMATE BIRTHS, AND RATES, ONTARIO, 1923-1944

Year	LIVE BIRTHS		STILLBIRTHS		ILLEGITIMATE BIRTHS	
	Number	Rate per 1,000 Population	Number	Rate per 1,000 Live Births	Number	Rate per 1,000 Live Births
1923.....	70,056	23.3	3,028	43.2	1,579	22.5
1924.....	71,510	23.4	2,594	36.3	1,717	24.0
1925.....	70,122	22.5	2,782	39.7	1,881	26.8
1926.....	67,617	21.4	2,812	41.6	1,823	27.0
1927.....	67,671	21.0	2,758	40.8	1,958	28.9
1928.....	68,510	20.9	2,793	40.8	2,170	31.7
1929.....	68,458	20.5	2,730	39.9	2,376	34.7
1930.....	71,263	21.0	2,713	38.1	2,651	37.2
1931.....	69,209	20.2	2,652	38.3	2,773	40.1
1932.....	66,842	19.2	2,377	35.6	2,834	42.4
1933.....	63,646	18.1	2,161	34.0	2,786	43.8
1934.....	62,234	17.6	2,091	33.6	2,500	40.2
1935.....	63,069	17.6	2,140	33.9	2,642	41.9
1936.....	62,451	17.3	2,034	32.6	2,788	44.6
1937.....	61,645	16.9	1,988	32.2	2,796	45.4
1938.....	65,564	17.9	2,015	30.7	3,061	46.7
1939.....	64,123	17.3	1,965	30.6	2,884	45.0
1940.....	68,524	18.3	2,037	29.7	3,167	46.2
1941.....	72,262	19.1	2,084	28.8	3,384	46.8
1942.....	78,192	20.1	2,088	26.7	3,789	48.5
1943.....	81,173	20.7	2,060	25.4	3,741	46.1
1944.....	78,090	19.7	1,866	23.8	3,764	48.1

The number of live births has shown a more or less general decrease from 1923 to approximately 1937 when 61,645 births were registered. There was some recovery up to the war period followed by a decided increase accompanying the war. The crude birth rate of 20.7 in 1943 was 20 per cent higher than in 1939, and was as high as that attained in 1929, a prosperity period. There was a slight decrease in 1944 when the rate was 19.7.

The stillbirth rate, on the other hand, has been on an extremely encouraging downward trend with a reduction of almost 45 per cent since 1923. In 1923 for every 1,000 babies born alive, 43 were stillborn, while in 1944 there were 24 stillborn—a fact which may be taken as a partial reflection of the improved health of mothers in the province and the improvement in obstetrical services.

Illegitimacy, however, has been increasing at an alarming rate—3,764 illegitimate births being registered in 1944 as compared with 1,579 such births in 1923. The rate has more than doubled since 1923 with over 48 of every 1,000 births in 1944 being illegitimate as compared with 23 in 1923 and 40 in 1931. It will be noted, however, that in the period 1923-1931 the rate rose 78 per cent as compared with a rise of only 20 per cent since that period.

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

Chart 1

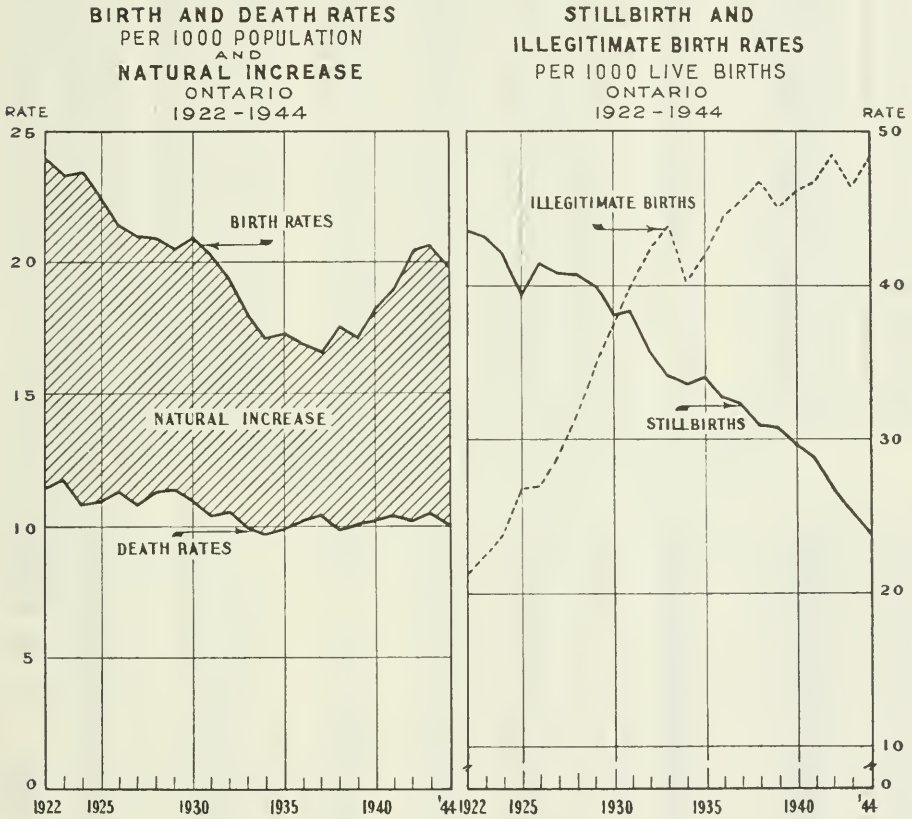


TABLE E—LIVE BIRTHS, CLASSIFIED BY AGE OF MOTHER,
ONTARIO, 1923-1944

Year	Total Live Births	AGE OF MOTHER								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 and over
1923	70,056	22	4,080	16,855	19,845	15,288	10,065	3,580	312	9
1924	71,510	15	4,381	17,264	20,073	15,662	10,089	3,687	328	11
1925	70,122	34	4,476	16,782	19,783	15,272	9,930	3,535	301	9
1926	67,617	17	4,287	16,218	18,748	14,918	9,591	3,519	314	5
1927	67,671	23	4,612	16,645	18,404	14,703	9,453	3,474	342	15
1928	68,510	23	4,867	17,364	18,317	14,823	9,364	3,458	292	2
1929	68,458	34	5,079	17,823	18,522	14,329	9,122	3,237	304	8
1930	71,263	38	5,448	18,884	19,170	14,794	9,277	3,378	272	2
1931	69,209	32	5,511	18,326	18,738	14,192	8,958	3,157	289	6
1932	66,842	15	5,249	17,857	18,188	13,406	8,742	3,084	299	2
1933	63,646	29	5,164	16,927	17,446	12,738	8,223	2,848	269	2
1934	62,234	21	4,842	16,697	17,213	12,435	7,840	2,897	285	4
1935	63,069	20	4,906	17,225	17,636	12,380	7,848	2,790	260	4
1936	62,451	30	4,865	17,428	17,425	12,316	7,482	2,698	201	6
1937	61,645	19	4,974	17,399	17,297	12,172	7,055	2,502	223	4
1938	65,564	29	5,486	18,654	18,532	12,833	7,304	2,515	210	1
1939	64,123	21	5,445	18,041	18,210	12,724	7,138	2,311	231	2
1940	68,524	18	5,977	19,439	19,952	13,399	7,187	2,350	202	..
1941	72,262	28	6,118	21,401	21,413	13,568	7,228	2,325	180	1
1942	78,192	27	6,414	23,432	23,113	14,876	7,696	2,429	201	4
1943	81,173	29	6,040	24,013	24,083	15,934	8,414	2,465	191	4
1944	78,090	25	5,638	22,389	22,101	16,548	8,712	2,503	170	4
PERCENTAGE OF BIRTHS IN EACH AGE-GROUP (STATED AGES)										
1923	100.0	0.03	5.8	24.1	28.3	21.8	14.4	5.1	0.4	0.01
1924	100.0	0.02	6.1	24.1	28.1	21.9	14.1	5.2	0.5	0.02
1925	100.0	0.05	6.4	23.9	28.2	21.8	14.2	5.0	0.4	0.01
1926	100.0	0.03	6.3	24.0	27.7	22.1	14.2	5.2	0.5	0.01
1927	100.0	0.03	6.8	24.6	27.2	21.7	14.0	5.1	0.5	0.02
1928	100.0	0.03	7.1	25.3	26.8	21.6	13.7	5.1	0.4	....
1929	100.0	0.05	7.4	26.0	27.1	20.9	13.3	4.7	0.5	0.01
1930	100.0	0.05	7.7	26.5	26.9	20.8	13.0	4.7	0.4	....
1931	100.0	0.04	8.0	26.5	27.1	20.5	12.9	4.6	0.4	0.01
1932	100.0	0.02	7.9	26.7	27.2	20.1	13.1	4.6	0.4	....
1933	100.0	0.05	8.1	26.6	27.4	20.0	12.9	4.5	0.4	....
1934	100.0	0.03	7.8	26.8	27.7	20.0	12.6	4.6	0.5	0.01
1935	100.0	0.03	7.8	27.3	28.0	19.6	12.5	4.4	0.4	0.01
1936	100.0	0.05	7.8	27.9	27.9	19.7	12.0	4.3	0.3	0.01
1937	100.0	0.03	8.1	28.2	28.1	19.7	11.4	4.1	0.4	0.01
1938	100.0	0.04	8.4	28.5	28.3	19.6	11.1	3.8	0.3	....
1939	100.0	0.03	8.5	28.1	28.4	19.9	11.1	3.6	0.4	....
1940	100.0	0.03	8.7	28.4	29.1	19.6	10.5	3.4	0.3	....
1941	100.0	0.04	8.6	29.6	29.6	18.8	10.0	3.2	0.2	....
1942	100.0	0.03	8.2	30.0	29.6	19.0	9.8	3.1	0.3	0.01
1943	100.0	0.04	7.4	29.6	29.7	19.6	10.4	3.0	0.2	0.01
1944	100.0	0.03	7.2	28.7	28.3	21.2	11.2	3.2	0.2	0.01

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

TABLE F—STILLBIRTHS, CLASSIFIED BY AGE OF MOTHER,
ONTARIO, 1923-1944

Year	Total	AGE OF MOTHER							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over
1923	2,963	...	154	547	755	694	531	254	28
1924	2,901	...	124	548	714	682	565	242	26
1925	2,674	1	137	484	647	613	545	216	31
1926	2,693	...	119	478	641	635	509	272	39
1927	2,644	...	137	527	633	595	484	236	32
1928	2,678	...	165	505	620	578	554	225	31
1929	2,589	...	145	540	596	596	445	238	29
1930	2,557	...	133	519	593	602	466	210	34
1931	2,492	1	154	510	602	567	456	182	20
1932	2,245	...	131	438	547	472	421	213	23
1933	2,161	1	146	438	510	458	405	170	33
1934	2,091	1	143	449	483	456	362	177	20
1935	2,140	1	132	460	522	437	384	180	24
1936	2,034	...	119	458	496	414	333	190	24
1937	1,988	2	148	413	490	400	326	184	25
1938	2,015	2	148	437	485	427	336	155	25
1939	1,965	2	144	417	497	416	318	152	19
1940	2,037	1	136	422	517	460	345	140	16
1941	2,084	2	147	461	579	446	309	129	11
1942	2,088	2	141	461	552	440	333	142	17
1943	2,060	1	121	445	587	445	312	129	20
1944	1,866	...	97	445	449	435	308	115	17
PERCENTAGE IN EACH AGE-GROUP (STATED AGES)									
1923	100.0	...	5.2	18.5	25.5	23.4	17.9	8.6	0.9
1924	100.0	...	4.3	18.9	24.6	23.5	19.5	8.3	0.9
1925	100.0	0.04	5.1	18.1	24.2	22.9	20.4	8.1	1.2
1926	100.0	...	4.4	17.8	23.8	23.6	18.9	10.1	1.4
1927	100.0	...	5.2	19.9	24.0	22.5	18.3	8.9	1.2
1928	100.0	...	6.2	18.8	23.1	21.6	20.7	8.4	1.2
1929	100.0	...	5.6	20.9	23.0	23.0	17.2	9.2	1.1
1930	100.0	...	5.2	20.3	23.2	23.6	18.2	8.2	1.3
1931	100.0	0.04	6.2	20.5	24.1	22.8	18.3	7.3	0.8
1932	100.0	...	5.8	19.5	24.4	21.0	18.8	9.5	1.0
1933	100.0	0.05	6.8	20.3	23.6	21.2	18.7	7.9	1.5
1934	100.0	0.05	6.8	21.5	23.1	21.8	17.3	8.5	1.0
1935	100.0	0.05	6.2	21.5	24.4	20.4	17.9	8.4	1.1
1936	100.0	...	5.9	22.5	24.4	20.3	16.4	9.3	1.2
1937	100.0	0.1	7.4	20.8	24.6	20.1	16.4	9.3	1.3
1938	100.0	0.1	7.3	21.7	24.1	21.2	16.7	7.7	1.2
1939	100.0	0.1	7.3	21.2	25.3	21.2	16.2	7.7	1.0
1940	100.0	0.05	6.7	20.7	25.4	22.6	16.9	6.9	0.8
1941	100.0	0.1	7.0	22.1	27.8	21.4	14.9	6.2	0.5
1942	100.0	0.1	6.8	22.1	26.4	21.1	15.9	6.8	0.8
1943	100.0	0.05	5.9	21.6	28.5	21.6	15.1	6.3	1.0
1944	100.0	...	5.2	23.8	24.1	23.3	16.5	6.2	0.9

NOTE:—1923-1932 figures for married mothers only.

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

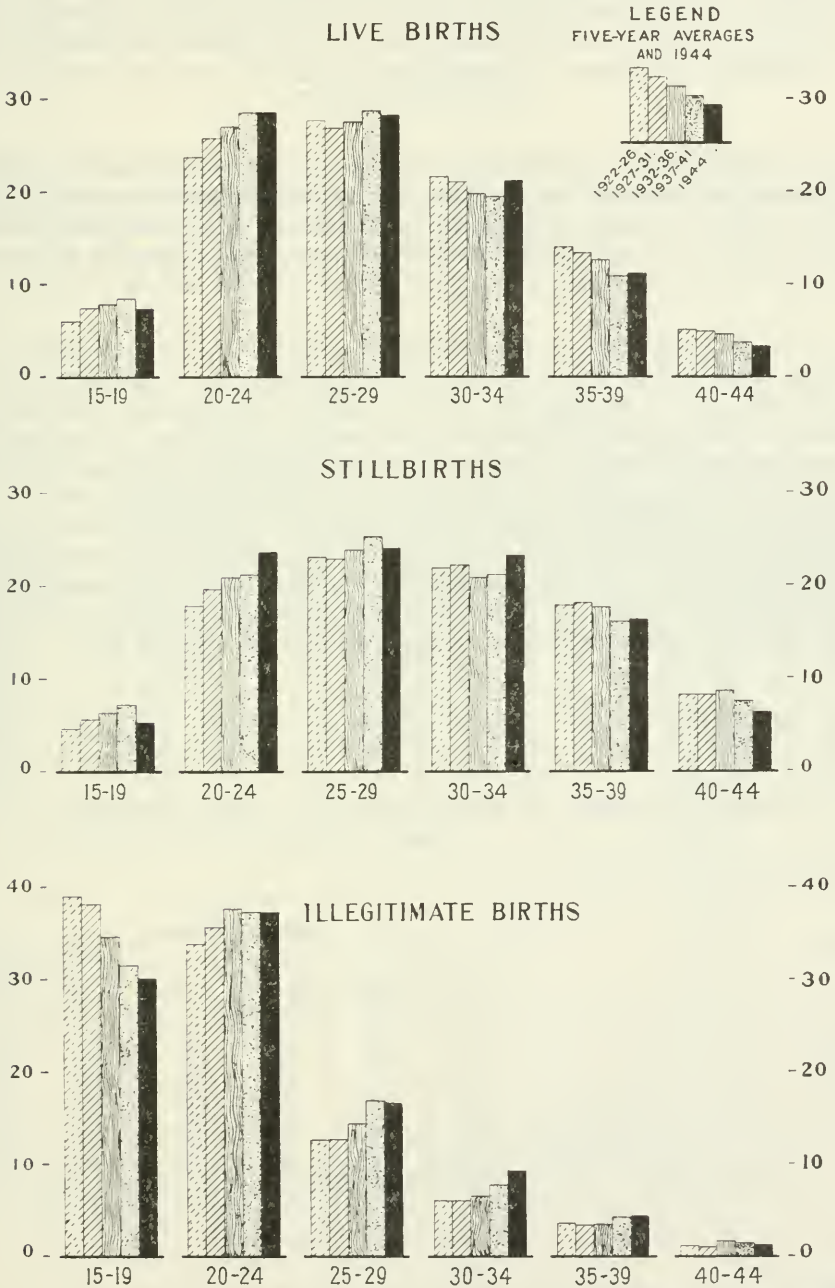
TABLE G—ILLEGITIMATE LIVE BIRTHS, CLASSIFIED BY AGE OF MOTHER, ONTARIO, 1923-1944

Year	Total	AGE OF MOTHER							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over
1923	1,579	19	653	558	189	99	45	15	1
1924	1,717	12	695	616	206	98	71	18	1
1925	1,881	27	764	631	260	106	66	25	2
1926	1,823	15	725	640	241	115	61	19	7
1927	1,958	16	796	703	231	126	59	25	2
1928	2,170	21	863	791	278	119	80	17	1
1929	2,376	31	926	867	303	152	66	29	2
1930	2,651	33	974	1,003	345	160	107	24	5
1931	2,773	29	1,080	988	378	170	92	32	4
1932	2,834	13	1,031	1,043	417	182	87	54	7
1933	2,786	21	1,064	1,010	370	175	97	48	1
1934	2,500	17	831	955	380	182	91	38	6
1935	2,642	19	895	1,047	377	167	99	34	4
1936	2,788	29	911	1,102	422	187	94	41	2
1937	2,796	17	887	1,037	447	231	128	44	5
1938	3,061	22	978	1,180	486	215	132	45	3
1939	2,884	21	917	1,075	495	223	119	33	1
1940	3,167	13	1,043	1,159	530	255	116	50	1
1941	3,384	21	1,009	1,281	626	254	150	39	4
1942	3,789	22	1,133	1,434	639	337	158	61	5
1943	3,741	28	1,100	1,388	696	343	135	46	5
1944	3,764	21	1,137	1,408	632	350	166	45	5
PERCENTAGE IN EACH AGE-GROUP (STATED AGES)									
1923	100.0	1.2	41.3	35.3	12.0	6.3	2.8	1.0	0.1
1924	100.0	0.7	40.5	35.9	12.0	5.7	4.1	1.0	0.1
1925	100.0	1.4	40.6	33.6	13.8	5.7	3.5	1.3	0.1
1926	100.0	0.8	39.8	35.1	13.2	6.3	3.3	1.0	0.4
1927	100.0	0.8	40.7	35.9	11.8	6.4	3.0	1.3	0.1
1928	100.0	0.9	39.8	36.4	12.8	5.5	3.7	0.8	0.05
1929	100.0	1.3	39.0	36.5	12.7	6.4	2.8	1.2	0.1
1930	100.0	1.3	36.8	37.8	13.0	6.0	4.0	0.9	0.2
1931	100.0	1.1	39.0	35.6	13.6	6.1	3.3	1.2	0.1
1932	100.0	0.5	36.4	36.8	14.7	6.4	3.1	1.9	0.2
1933	100.0	0.8	38.2	36.2	13.3	6.3	3.5	1.7	0.04
1934	100.0	0.7	33.3	38.2	15.2	7.3	3.6	1.5	0.2
1935	100.0	0.7	33.9	39.6	14.3	6.3	3.7	1.3	0.2
1936	100.0	1.0	32.7	39.5	15.1	6.7	3.4	1.5	0.1
1937	100.0	0.6	31.7	37.1	16.0	8.2	4.6	1.6	0.2
1938	100.0	0.7	31.9	38.6	15.9	7.0	4.3	1.5	0.1
1939	100.0	0.7	31.8	37.3	17.2	7.7	4.1	1.2	0.03
1940	100.0	0.4	32.9	36.6	16.7	8.1	3.7	1.6	0.03
1941	100.0	0.6	29.8	37.9	18.5	7.5	4.4	1.2	0.1
1942	100.0	0.6	29.9	37.8	16.9	8.9	4.2	1.6	0.1
1943	100.0	0.7	29.4	37.2	18.6	9.2	3.6	1.2	0.1
1944	100.0	0.6	30.2	37.4	16.8	9.3	4.4	1.2	0.1

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

Chart 2

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



There has been a general tendency during the past two decades towards younger motherhood. For example, of every 100 babies born alive in 1923, 6 were to mothers under 20 years of age, over 24 to mothers 20-24, and 28 to mothers 25-29 or a total of 58 children to mothers under 30 years of age. In 1944 of every 100 live births, 7 were born to mothers under 20, 29 to mothers 20-24, and 28 to mothers 25-29 or a total of 64 children to mothers under 30 years of age. The picture, however, is not complete without mentioning the fact that fewer children are now being born to each mother than was the case two decades ago, and these are being borne in the early years of married life.

As a partial effect of the trend towards younger motherhood, a greater percentage of stillbirths is now occurring at the younger ages than was the case in 1923. In 1944, 29 per cent were to mothers below 25 years of age as compared with 23.7 per cent in 1923. In 1944 of every 100 stillbirths, 46 were to mothers over 30 years of age as compared with 51 in 1923 and 49 in 1931.

There are indications that the number of stillbirths per 1,000 deliveries has been decreasing at an encouraging rate over the past two decades, and that this has been evident for each age-group of mothers, although the fact remains that the risk of stillbirth delivery increases with age. The following summary sufficiently indicates the general trend in this respect over the 20-year period. For example, of every 1,000 deliveries among mothers 15-19 in 1944, 17 were stillborn as compared with 29 in the period 1922-27; among mothers 20-24 years of age, 19 as compared with 30; among mothers 25-29 years of age, 20 as compared with 33, with similar encouraging figures for older mothers, although the risk of stillbirth delivery increases rapidly for mothers over 35 years of age.

AVERAGE NUMBER OF STILLBIRTHS PER 1,000 DELIVERIES

Years	AGE OF MOTHER					
	15-19	20-24	25-29	30-34	35-39	40 and over
1922-27.....	29	30	33	39	49	64
1928-32.....	27	27	30	37	48	63
1933-37.....	27	25	28	34	45	64
1938-42.....	24	21	25	31	43	58
1942.....	22	19	23	29	41	57
1943.....	20	18	24	27	36	53
1944.....	17	19	20	26	34	47

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

Of every 100 such births in 1923, 79 were to this group of mothers, as compared with 68 in 1944.

In recent years a greater proportion of illegitimate births have been born to mothers in the older age-groups. Chart 2 illustrates this fact showing higher percentages for mothers in their 30's with proportionate reductions for mothers in the 'teen ages.

Infant Mortality

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

TABLE H—INFANT DEATHS, BY AGE AT DEATH, ONTARIO, 1921-1944

Age at Death	AVERAGE				DEATHS										10 yr. av. 1935- 1944
	1921- 1925	1926- 1930	1931- 1935	1936- 1940	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	
Total	5,916	5,092	3,961	3,194	3,515	3,416	3,382	3,245	2,979	2,959	3,294	3,139	3,390	3,346	3,267
Under 1 day.....	*	1,102	896	791	874	818	817	831	744	745	845	786	1,033	984	848
Under 1 week.....	2,273	2,108	1,712	1,502	1,667	1,553	1,548	1,532	1,416	1,461	1,576	1,535	1,770	1,706	1,576
Under 2 weeks.....	2,649	2,404	1,941	1,664	1,862	1,723	1,726	1,678	1,579	1,613	1,750	1,713	1,950	1,884	1,748
Under 3 weeks.....	2,916	2,610	2,096	1,777	2,002	1,839	1,830	1,806	1,585	1,723	1,858	1,824	2,079	2,015	1,861
1st month.....	3,137	2,806	2,237	1,867	2,122	1,935	1,931	1,887	1,777	1,805	1,968	1,922	2,179	2,134	1,966
2nd month.....	473	409	310	246	279	284	225	241	252	230	267	255	242	253	253
3rd month.....	376	334	256	209	210	236	226	222	183	177	224	213	215	227	213
4th month.....	334	268	209	178	171	190	211	181	149	161	169	157	163	160	171
5th month.....	300	235	174	139	130	156	155	124	131	130	157	122	115	129	135
6th month.....	243	194	157	115	115	116	134	124	107	95	114	118	105	94	112
7th month.....	230	195	140	97	96	99	122	99	92	73	94	85	82	77	92
8th month.....	198	161	124	88	104	105	103	72	80	81	83	70	92	72	86
9th month.....	176	149	107	78	74	97	73	93	73	54	64	65	77	65	74
10th month.....	168	134	94	63	80	72	64	78	50	53	62	52	46	57	61
11th month.....	145	115	80	58	72	68	66	60	41	56	53	41	33	40	53
12th month.....	136	92	73	56	62	58	72	64	44	44	39	39	41	38	50

*Figures not available for the years 1921 and 1922.

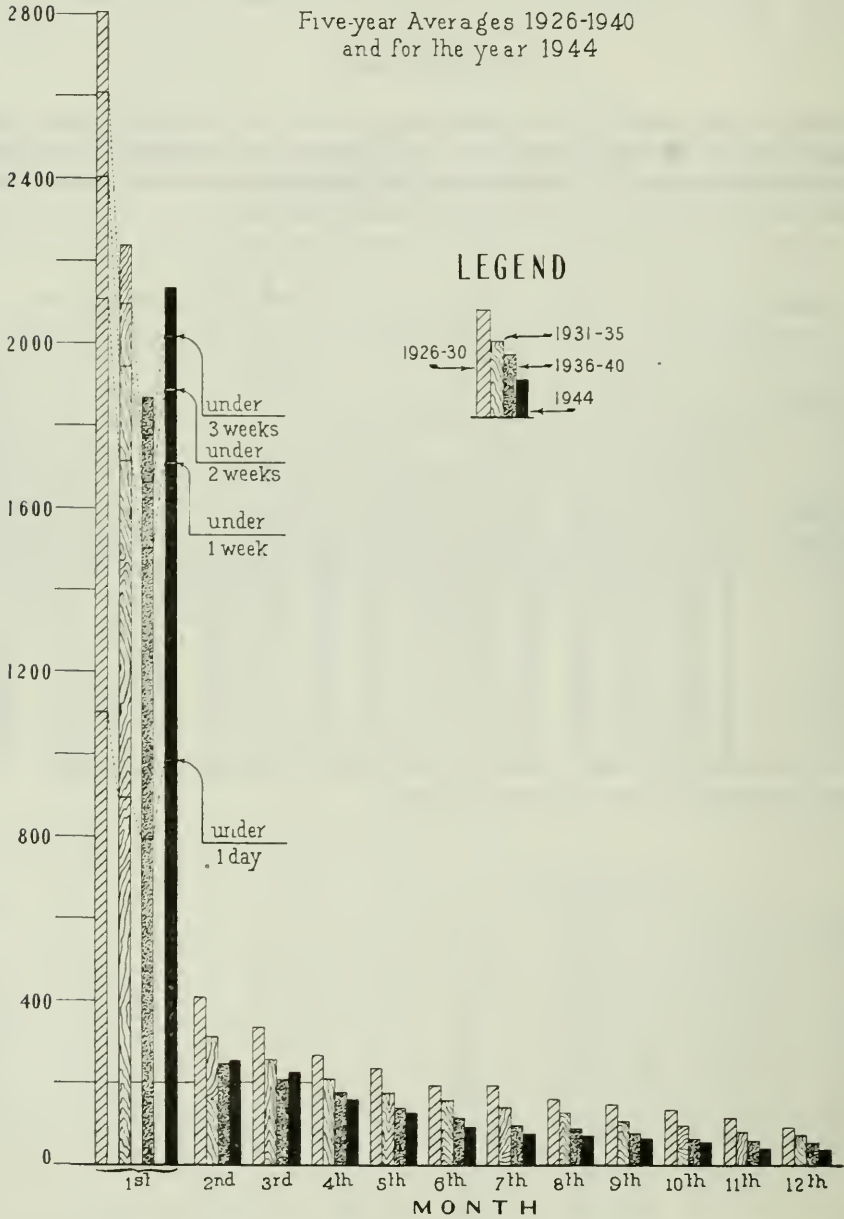
Chart 3

INFANT MORTALITY

ONTARIO

DEATHS AT EACH AGE PERIOD

Five-year Averages 1926-1940
and for the year 1944



There was a reduction in the total number of infant deaths from 5,916 in the period 1921 to 1925 to 3,194 in the period 1936 to 1940. This reduction is apparent in every monthly age-group. The increases which are noted from 1941 to 1944 must be considered in comparison with the extensive increase in the number of births during the same years. The following summary indicating the number of infant deaths per 1,000 live births presents a picture of the rapid reduction in infant mortality:

Years	Infant Deaths per 1,000 Live Births
1921-25.....	83
1926-30.....	74
1931-35.....	61
1936-40.....	50
1941.....	46
1942.....	40
1943.....	42
1944.....	43

The rate of 40 per 1,000 live births in 1942 was the lowest ever recorded. The increase in the rate in 1943 and 1944 was due, for the most part, to an increase in the number of deaths from prematurity. In 1944 there was also an increase in the deaths from diarrhoea and enteritis. Table I which presents the deaths and rates for certain causes brings out the fact that there has been a notable reduction in deaths attributable to some of these causes; namely, in those due to whooping cough, and diseases of the respiratory organs. Diseases of the digestive tract also decreased in the period 1935 to 1943; the increase in 1944 is due to the increase in deaths from diarrhoea and enteritis. The group of diseases of early infancy showed a marked decrease in the period from 1935 to 1942, but due to the increase in deaths from prematurity the rate for this group increased in 1943 and 1944. Influenza has fluctuated over the period showing the effect of minor epidemics and there was no improvement apparent in the death rate from malformations.

TABLE I—DEATHS OF CHILDREN UNDER ONE YEAR (STATED CAUSES OF DEATH),
ONTARIO, 1935-1944

Cause of Death	TOTAL DEATHS										10-yr. Average 1935- 1944
	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	
Total	3,515	3,416	3,382	3,245	2,979	2,959	3,294	3,139	3,390	3,346	3,267
Whooping cough.....	95	78	59	60	54	47	81	49	53	39	62
Influenza.....	88	72	131	65	70	76	105	67	105	69	85
Convulsions.....	29	32	21	26	15	17	28	31	20	15	23
Diseases of respiratory organs.....	409	426	415	421	362	377	380	420	410	357	398
Diseases of digestive tract.....	337	381	411	336	264	163	327	233	199	325	298
Malformations.....	415	434	428	446	429	460	514	583	582	526	482
Diseases of early infancy.....	1,801	1,637	1,618	1,625	1,504	1,529	1,552	1,437	1,719	1,715	1,614
All others.....	341	356	299	266	281	290	307	319	302	300	306
	RATE PER 1,000 LIVE BIRTHS										
Total	55.7	54.7	54.9	49.5	46.5	43.2	45.6	40.1	41.8	42.8	46.9
Whooping cough.....	1.5	1.2	1.0	0.9	0.8	0.7	1.1	0.6	0.7	0.5	0.9
Influenza.....	1.4	1.2	2.1	1.0	1.1	1.1	1.5	0.9	1.3	0.9	1.2
Convulsions.....	0.4	0.5	0.3	0.4	0.2	0.2	0.4	0.4	0.2	0.2	0.3
Diseases of respiratory organs.....	6.5	6.8	6.7	6.4	5.6	5.5	5.3	5.4	5.1	4.6	5.7
Diseases of digestive tract.....	5.3	6.1	6.7	5.1	4.1	2.4	4.5	3.0	2.5	4.2	4.3
Malformations.....	6.6	6.9	6.9	6.8	6.7	6.7	7.1	7.1	7.2	6.7	6.9
Diseases of early infancy.....	28.6	26.2	26.2	24.8	23.5	22.3	21.5	18.4	21.2	22.0	23.2
All others.....	5.4	5.7	4.9	4.1	4.4	4.2	4.2	4.1	3.7	3.8	4.4

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

TABLE J—INFANT MORTALITY IN CITIES, TOWNS AND VILLAGES OF 10,000 POPULATION AND OVER (AS AT CENSUS 1941) AND RATE PER 1,000 LIVE BIRTHS, ONTARIO BY PLACE OF RESIDENCE 1941-44 WITH FIVE YEAR AVERAGES, 1921-40 BY PLACE OF OCCURRENCE

	DEATHS UNDER ONE YEAR							
	AVERAGE				1941	1942	1943	1944
	1921-1925	1926-1930	1931-1935	1936-1940				
Belleville.....	34	27	20	28	20	19	20	13
Brantford.....	49	52	34	31	36	24	28	22
Brockville.....	23	17	13	16	17	15	16	16
Chatham.....	32	38	33	38	18	9	22	19
Cornwall.....	30	48	38	42	40	23	38	29
Forest Hill.....	(2)	(2)	1	1	1	..	1	3
Fort William.....	66	46	32	23	34	29	18	15
Galt.....	21	16	15	11	10	13	6	11
Guelph.....	34	23	20	12	22	19	18	22
Hamilton.....	253	200	167	106	96	111	135	134
Kingston.....	50	59	38	42	38	36	37	40
Kitchener.....	45	43	35	35	22	29	19	21
London.....	103	91	77	70	44	39	59	72
Niagara Falls.....	32	31	21	14	21	18	11	16
North Bay.....	34	35	23	23	21	17	19	27
Oshawa.....	45	53	29	28	20	25	15	18
Ottawa.....	386	327	257	211	167	145	157	147
Owen Sound.....	26	15	16	18	17	15	20	26
Pembroke.....	31	30	23	23	22	19	11	23
Peterborough.....	44	39	35	34	22	35	24	31
Port Arthur.....	42	45	24	29	28	17	16	19
St. Catharines.....	51	40	27	28	16	21	21	23
St. Thomas.....	22	20	16	14	20	18	18	13
Sarnia.....	31	32	22	22	14	14	22	18
Sault Ste. Marie.....	55	42	25	37	27	36	28	31
Stratford.....	26	21	19	14	11	11	14	15
Sudbury.....	42	54	66	80	61	54	92	98
Timmins.....	40	60	57	57	42	28	41	36
Toronto.....	992	914	673	472	343	401	482	411
Welland.....	21	20	19	18	14	14	19	16
Windsor.....	203	203	106	88	68	109	118	101
Woodstock.....	15	14	12	13	14	5	11	10

(2) Not available.

TABLE J—INFANT MORTALITY IN CITIES, TOWNS AND VILLAGES OF 10,000 POPULATION AND OVER (AS AT CENSUS 1941) AND RATE PER 1,000 LIVE BIRTHS, ONTARIO BY PLACE OF RESIDENCE 1941-44 WITH FIVE YEAR AVERAGES, 1921-40 BY PLACE OF OCCURENCE—Continued

	RATES PER 1,000 LIVE BIRTHS							
	AVERAGE				1941	1942	1943	1944
	1921-1925	1926-1930	1931-1935	1936-1940				
Belleville	99	72	54	59	58	48	48	35
Brantford	67	76	55	50	53	31	34	29
Brockville	94	75	53	54	81	54	59	59
Chatham	85	78	68	51	43	21	49	52
Cornwall	83	102	79	69	88	48	68	55
Forest Hill	(2)	(2)	39	147	6	..	6	16
Fort William	91	73	57	43	60	45	25	23
Galt	67	57	51	36	35	41	19	32
Guelph	82	59	58	40	51	39	36	47
Hamilton	80	66	56	36	33	32	36	36
Kingston	86	99	58	55	54	43	38	46
Kitchener	74	58	46	45	32	39	26	32
London	73	66	56	44	29	24	33	41
Niagara Falls	72	66	49	34	44	32	19	30
North Bay	77	85	60	57	63	49	53	70
Oshawa	96	83	56	52	38	41	24	31
Ottawa	123	110	87	66	54	44	47	42
Owen Sound	81	46	51	52	54	47	60	80
Pembroke	106	101	81	78	77	62	37	76
Peterborough	80	67	60	50	39	48	36	45
Port Arthur	83	83	47	48	53	29	28	35
St. Catharines	79	67	46	44	26	29	27	29
St. Thomas	62	60	55	36	58	45	43	34
Sarnia	77	74	53	47	37	35	45	39
Sault Ste. Marie	83	69	44	62	41	48	37	43
Stratford	63	55	57	37	39	39	46	48
Sudbury	114	108	83	61	46	40	65	76
Timmins	114	123	102	67	43	29	53	53
Toronto	78	75	59	45	36	34	41	36
Welland	83	69	66	50	52	36	44	43
Windsor	93	73	52	40	31	44	46	42
Woodstock	69	58	51	47	62	16	36	42

(2) Not available.

Maternal Mortality

From Table K, it will be noted that a considerable reduction in the number of deaths of mothers during childbirth has taken place during the past 20 years, and particularly during the past 5 years, with the 1944 rate being considerably below the average of the last decade. In general, the reduction in the rate seems to be more apparent in younger than in older mothers, although in 1942, and 1944, the latter group showed a marked decrease in the rate per 1,000 live births.

TABLE K—MATERNAL DEATHS, AND RATE PER 1,000 LIVE BIRTHS,
BY AGE, ONTARIO, 1921-1944

Age at Death	AVERAGE				DEATHS										10-yr. Average 1935- 1944
	1921- 1925	1926- 1930	1931- 1935	1936- 1940	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	
Total.....	385	397	345	290	313	355	319	251	276	254	219	206	189	198	258
Under 15.....	...	1	1	...	1	...	1	...	...	...	...	...	1	...	...
15-19.....	22	25	18	20	13	20	21	18	20	21	13	13	7	6	15
20-24.....	63	72	62	50	53	68	59	43	51	31	36	36	36	38	45
25-29.....	80	82	79	66	71	81	70	66	55	58	60	52	48	52	61
30-34.....	173	91	80	66	74	85	72	54	58	62	41	50	46	58	60
35-39.....		82	69	57	74	58	68	46	62	53	47	36	31	31	51
40-44.....	47	39	31	28	23	40	25	23	27	24	21	18	19	13	23
45 and over....		5	5	3	4	3	3	1	3	5	1	1	...	...	2
Not stated....	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
RATE PER 1,000 LIVE BIRTHS (STATED AGES ONLY)															
Total.....	5.5	5.8	5.3	4.5	5.0	5.7	5.2	3.8	4.3	3.7	3.0	2.6	2.3	2.5	3.7
Under 15.....	...	*	*	...	*	...	*	...	...	...	...	...	*	...	...
15-19.....	5.2	5.2	3.5	3.7	2.7	4.1	4.2	3.3	3.7	3.5	2.1	2.0	1.2	1.1	2.7
20-24.....	3.7	4.2	3.6	2.8	3.1	3.9	3.4	2.3	2.8	1.6	1.7	1.5	1.5	1.7	2.3
25-29.....	4.1	4.4	4.4	3.6	4.0	4.7	4.1	3.6	3.0	2.9	2.8	2.3	2.0	2.4	3.1
30-34.....	6.9	6.2	6.2	5.2	6.0	6.9	5.9	4.2	4.6	4.6	3.0	3.4	2.9	3.5	4.4
35-39.....		8.8	8.3	7.9	9.5	7.8	9.7	6.3	8.7	7.4	6.5	4.7	3.7	3.6	6.7
40-44.....	12.3	11.5	10.5	11.3	8.3	14.9	10.0	9.2	11.7	10.2	9.0	7.4	7.7	5.2	9.3
45 and over....		16.2	17.7	13.9	15.2	14.6	13.3	*	12.9	24.8	*	*	...	...	9.5

*Rates not computed because of small numbers.

The tables which follow present the distribution of maternal deaths during 1944 by locality, as well as deaths of women not directly classified as due to pregnancy or child-birth, but which were associated therewith.

The rates shown in Table L are of special interest in that they indicate clearly the general downward trend in maternal mortality in cities, towns and rural areas of the province. The rates for 1944 being 2.8 per 1,000 live births in cities, 1.9 in towns and 2.4 in the rural areas. The rural rates have been consistently lower than those for the urbanized communities with the exception of the year 1944.

TABLE L—MATERNAL MORTALITY AND RATE PER 1,000 LIVE BIRTHS,
CLASSIFIED BY CITIES, TOWNS AND RURAL AREAS,
ONTARIO, 1935-1944

Year	LIVE BIRTHS				MATERNAL DEATHS				RATE PER 1,000 LIVE BIRTHS			
	Total	(1) Cities	(2) Towns	Rural	Total	(1) Cities	(2) Towns	Rural	Total	(1) Cities	(2) Towns	Rural
1935	63,069	31,700	3,943	27,426	313	246	24	43	5.0	7.8	6.1	1.6
1936	62,451	32,425	4,044	25,982	355	211	24	120	5.7	6.5	5.9	4.6
1937	61,645	32,420	4,164	25,051	319	195	30	94	5.2	6.0	7.2	3.8
1938	65,564	35,194	4,542	25,828	251	155	26	70	3.8	4.4	5.7	2.7
1939	64,123	34,780	4,557	24,780	276	179	22	75	4.3	5.1	4.8	3.0
1940	68,524	38,804	4,949	24,771	254	150	26	78	3.7	3.9	5.3	3.1
1941	72,262	42,875	5,502	23,885	219	141	20	58	3.0	3.3	3.6	2.4
1942	78,192	48,434	6,102	23,656	206	140	19	47	2.6	2.9	3.1	2.0
1943	81,173	52,083	6,248	22,842	189	124	16	49	2.3	2.4	2.6	2.1
1944	78,090	36,719	5,203	3,618	198	101	10	87	2.5	2.8	1.9	2.4

(1) Units of 10,000 population and over.

(2) " " 5,000 to 10,000.

TABLE M—DEATHS OF WOMEN NOT CLASSIFIED TO PREGNANCY OR CHILD-BEARING BUT RETURNED AS ASSOCIATED THEREWITH, ONTARIO, 1944

Int. List No.	Causes of Death	Number
6	Cerebrospinal meningitis.....	1
10	Diphtheria	1
13b	Tuberculosis of the respiratory system.....	3
30d	Syphilis.....	2
33a, b	Influenza.....	2
48b	Cancer of the uterus.....	2
49	Cancer of other female organs.....	1
50	Cancer of the breast.....	1
85	Epilepsy.....	1
87d	Disseminated sclerosis.....	1
92a, b,	Chronic affections of the valves and endocardium.....	3
93a, d	Diseases of the myocardium.....	2
107	Bronchopneumonia.....	1
114d	Other diseases of the respiratory system (tuberculosis excepted).....	1
121	Appendicitis.....	1
122b	Hernia, intestinal obstruction.....	1
131	Chronic nephritis.....	5
	TOTAL.....	29

General Mortality

Table N presents a historical summary of deaths by sex in the province and the computed crude death rates over a 22-year period while Chart 1 presents a graphic picture of the general trend in the rate.

Over the past two decades two main trends are apparent. From 1923 to the early 1930's the rate averaged close to 11 deaths per 1,000 population. Dropping rapidly in 1931 and 1932, it has since stabilized at about 10 deaths per year per 1,000 population.

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

TABLE N—DEATHS (EXCLUSIVE OF STILLBIRTHS) AND DEATH RATES PER 1,000 POPULATION, ONTARIO, 1923-1944

Year	DEATHS			RATE PER 1,000 POPULATION		
	Total	Male	Female	Total	Male	Female
1923	35,636	18,452	17,184	11.8	12.1	11.5
1924	33,078	17,153	15,925	10.8	11.1	10.6
1925	33,960	17,583	16,377	10.9	11.1	10.7
1926	35,909	18,721	17,188	11.3	11.7	11.0
1927	34,775	18,305	16,470	10.8	11.2	10.4
1928	37,128	19,457	17,671	11.3	11.7	11.0
1929	38,123	20,281	17,842	11.4	12.0	10.9
1930	37,313	19,827	17,486	11.0	11.5	10.5
1931	35,705	19,137	16,568	10.4	10.9	9.8
1932	36,469	19,196	17,273	10.5	10.9	10.1
1933	35,301	18,489	16,812	10.1	10.3	9.8
1934	35,119	18,731	16,388	9.9	10.4	9.4
1935	36,317	19,281	17,036	10.2	10.6	9.7
1936	37,571	19,916	17,655	10.4	10.9	10.0
1937	38,475	20,690	17,785	10.6	11.2	10.0
1938	36,890	19,814	17,076	10.0	10.6	9.5
1939	37,530	20,310	17,220	10.1	10.8	9.4
1940	38,503	20,923	17,580	10.3	11.0	9.5
1941	39,226	21,549	17,677	10.4	11.2	9.5
1942	39,119	21,349	17,770	10.1	10.9	9.3
1943	41,063	22,159	18,904	10.5	11.2	9.8
1944	39,781	21,629	18,152	10.0	10.8	9.3

Table O presents both male and female crude death rates for each 5-year age-group, based on the population as enumerated at the censuses of 1921, 1931 and 1941 and as estimated for the years 1942, 1943 and 1944. There are several features with respect to changing death rates which are worthy of comment, notable among which is the remarkable decrease in the death rate of children under 5 years of age from 31.8 in 1921 to 12.9 in 1944 for males and from 24.8 to 10.1 for females. Similar declines are apparent in the other age-groups up to middle life. After middle life an increase will be noted in the rate for males.

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

TABLE O—DEATH RATES PER 1,000 POPULATION FOR EACH SEX AND AGE GROUP. 1921, 1931, 1941, 1942, 1943 and 1944

Age-Group	MALES						FEMALES					
	1921	1931	1941	1942	1943	1944	1921	1931	1941	1942	1943	1944
Total	12.2	10.9	11.2	11.0	11.2	10.8	11.4	9.8	9.5	9.4	9.8	9.2
Under 5.....	31.8	21.2	14.8	13.6	13.5	13.0	24.8	17.0	11.3	10.5	10.5	10.1
5-9.....	3.3	1.8	1.3	1.1	1.2	1.5	2.7	1.2	0.9	0.7	0.8	0.7
10-14.....	1.9	1.4	1.2	0.9	1.0	0.9	2.0	1.3	0.7	0.7	0.8	0.6
5-14	2.6	1.6	1.2	1.0	1.1	1.2	2.4	1.2	0.8	0.7	0.8	0.6
0-14	12.6	7.9	5.6	5.2	5.4	5.4	10.0	6.3	4.2	3.9	4.2	4.0
15-19.....	3.1	2.2	1.7	1.8	1.9	1.6	2.4	1.7	1.0	1.1	0.9	1.0
20-24.....	3.7	2.9	2.3	2.3	2.0	1.6	3.5	2.9	1.4	1.4	1.4	1.3
25-29.....	4.3	3.6	2.2	1.9	1.9	1.6	4.3	3.0	1.7	1.9	1.7	1.6
15-29	3.7	2.8	2.1	2.0	1.9	1.6	3.4	2.5	1.3	1.4	1.3	1.3
30-34.....	4.1	3.7	2.4	2.2	2.2	2.0	4.4	3.4	2.0	2.1	2.0	1.9
35-39.....	4.9	3.9	3.5	3.0	3.2	3.0	5.6	4.5	2.8	2.8	2.8	2.4
40-44.....	6.0	5.4	4.8	4.7	4.4	4.1	6.2	4.5	3.8	3.4	3.7	3.5
30-44	4.9	4.3	3.5	3.3	3.2	3.0	5.4	4.1	2.8	2.8	2.8	2.5
45-49.....	7.0	7.8	7.1	6.6	6.8	7.0	7.5	6.4	5.6	5.4	5.4	5.1
50-54.....	10.5	11.2	11.6	11.6	10.1	10.9	10.4	8.7	7.7	7.7	7.6	8.0
55-59.....	15.9	16.8	16.6	17.1	16.6	15.9	14.0	13.3	12.2	12.8	11.9	10.9
45-59	10.6	11.3	11.4	11.4	10.8	11.0	10.2	9.0	8.2	8.3	8.1	7.8
60-64.....	23.2	23.7	26.1	25.7	25.2	24.8	20.9	20.4	18.0	18.6	18.7	18.1
65-69.....	34.3	38.1	38.4	39.2	39.7	37.4	34.7	30.3	30.0	28.8	30.5	28.3
70-74.....	61.0	56.2	59.5	58.3	60.6	59.2	57.0	48.4	47.1	45.8	48.4	45.8
60-74	35.2	36.7	38.1	37.9	38.3	37.1	33.5	31.0	29.2	28.8	30.0	28.2
75-79.....	93.9	92.9	97.8	95.0	95.6	92.0	89.1	88.3	79.8	78.6	82.3	77.7
80-84.....	138.5	143.0	147.5	142.6	152.4	142.1	133.8	132.4	132.4	127.9	138.7	126.5
85-89.....	215.2	223.5	230.2	214.9	257.2	211.0	210.8	197.9	201.1	210.5	207.9	197.0
90 and over.....	305.3	327.6	343.2	421.0	557.0	336.0	337.0	317.1	320.0	317.3	331.5	331.5
75 and over	128.9	127.0	133.7	128.6	138.6	127.0	128.0	122.6	118.2	117.1	123.3	114.9

Causes of Death

The deaths shown in Table P are for selected causes or groups of causes to which, during the past 10-year period, more than 75 per cent of total deaths have been recorded. A large part of the increase in 1941 in diseases of the heart and intracranial lesions of vascular origin and the decrease in diseases of the arteries is due to changes in classification in the "Fifth Revision of the International List of Causes of Death." The increase in diabetes in 1941 is partly due to a change in preference when two causes are mentioned on a death certificate.

Chart 4

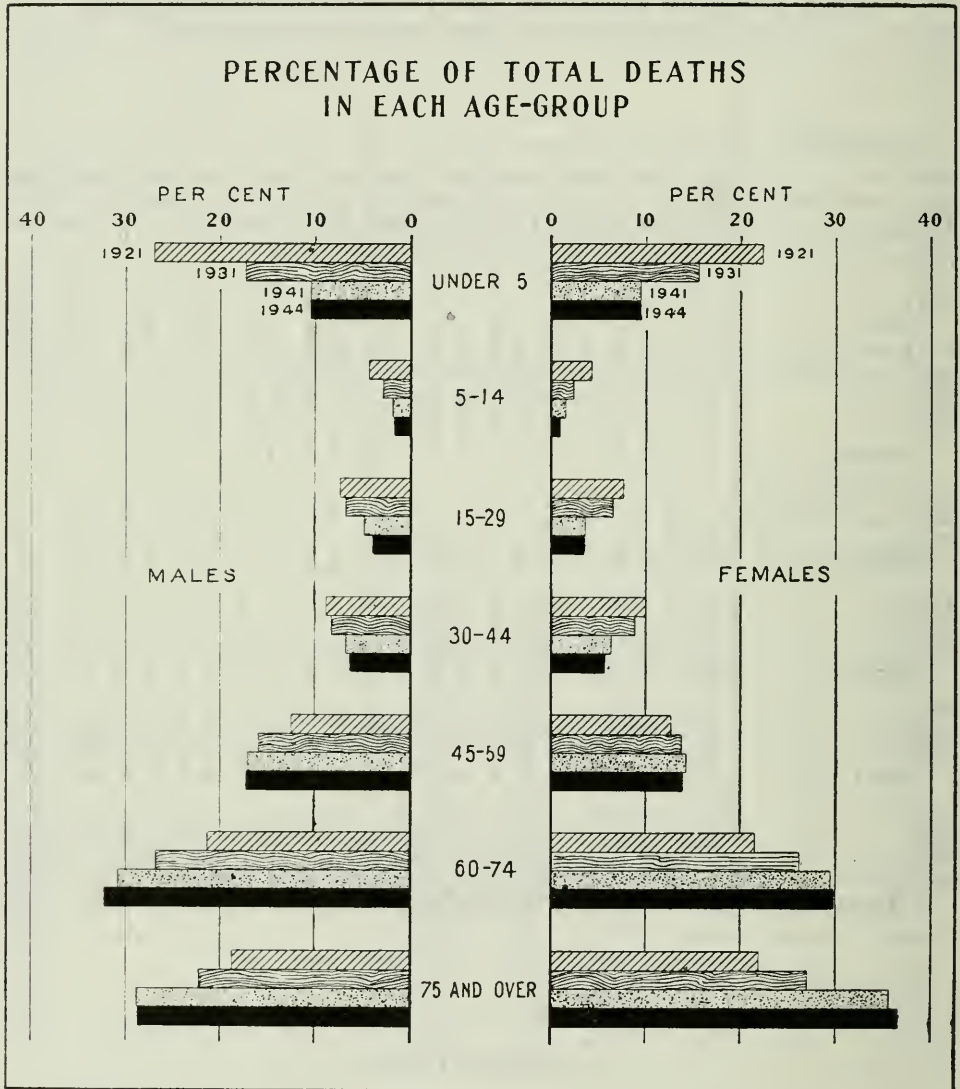


TABLE P—SELECTED CAUSES OF DEATH IN ONTARIO, 1935-1944.

YEAR	DISEASES OF THE HEART			CANCER (all forms)			INTRACRANIAL LESIONS OF VASCULAR ORIGIN			ACCIDENTAL OR VIOLENT DEATHS			PNEUMONIA, BRONCHITIS AND INFLUENZA		
	Number of deaths	Per cent of total deaths (1)	Rate per 100,000 popula- (2) tion	Number of deaths	Per cent of total deaths (1)	Rate per 100,000 popula- (2) tion	Number of deaths	Per cent of total deaths (1)	Rate per 100,000 popula- (2) tion	Number of deaths	Per cent of total deaths (1)	Rate per 100,000 popula- (2) tion	Number of deaths	Per cent of total deaths (1)	Rate per 100,000 popula- (2) tion
1935.....	7,053	19.4	197.3	4,214	11.6	117.9	1,025	2.8	28.7	2,672	7.4	74.7	3,476	9.6	97.2
1936.....	7,053	18.8	195.6	4,441	11.8	123.2	839	2.2	23.3	3,294	8.8	91.3	3,335	8.9	92.5
1937.....	7,226	18.8	198.7	4,547	11.8	125.0	770	2.0	21.4	2,851	7.4	78.4	4,339	11.3	119.3
1938.....	7,354	19.9	200.3	4,472	12.1	121.8	790	2.1	21.5	2,754	7.5	75.0	3,201	8.7	87.2
1939.....	7,705	20.5	207.8	4,567	12.2	123.2	814	2.2	22.0	2,718	7.2	73.3	3,449	9.2	93.0
1940.....	8,546	22.2	228.1	4,847	12.6	129.4	901	2.3	24.0	2,926	7.6	78.1	2,691	7.0	71.8
1941.....	11,676	29.8	308.3	4,931	12.6	129.4	3,933	10.0	103.8	3,305	8.4	87.3	2,260	5.8	59.7
1942.....	12,069	30.9	310.7	5,005	12.8	128.9	3,950	10.1	101.7	3,069	7.8	79.0	2,178	5.6	56.1
1943.....	12,700	30.9	324.2	5,193	12.6	132.6	4,113	10.0	105.0	2,912	7.1	74.3	2,897	7.1	74.0
1944.....	12,403	31.2	312.8	5,236	13.2	132.1	4,053	10.2	102.2	2,890	7.3	72.9	2,256	5.7	56.9
	NEPHRITIS			DISEASES PECULIAR TO THE FIRST YEAR OF LIFE.			TUBERCULOSIS (all forms)			DIABETES MELLITUS			DISEASES OF THE ARTERIES		
	Number of deaths	Per cent of total deaths (1)	Rate per 100,000 popula- (2) tion	Number of deaths	Per cent of total deaths (1)	Rate per 100,000 popula- (2) tion	Number of deaths	Per cent of total deaths (1)	Rate per 100,000 popula- (2) tion	Number of deaths	Per cent of total deaths (1)	Rate per 100,000 popula- (2) tion	Number of deaths	Per cent of total deaths (1)	Rate per 100,000 popula- (2) tion
1935.....	1,848	5.1	51.7	1,801	5.0	50.4	1,303	3.6	36.4	524	1.4	14.7	4,109	11.3	114.9
1936.....	1,892	5.0	52.5	1,637	4.4	45.4	1,327	3.5	36.8	566	1.5	15.7	4,621	12.3	128.1
1937.....	1,946	5.1	53.5	1,618	4.2	44.5	1,315	3.4	36.2	579	1.5	15.9	4,633	12.0	127.4
1938.....	1,900	5.2	51.7	1,625	4.4	44.3	1,237	3.4	33.7	584	1.6	15.9	4,745	12.9	129.2
1939.....	1,889	5.0	50.9	1,504	4.0	40.6	1,085	2.9	29.3	657	1.8	17.7	5,189	13.8	139.9
1940.....	1,958	5.1	52.3	1,529	4.0	40.8	1,011	2.6	27.0	691	1.8	18.4	5,769	15.0	154.0
1941.....	2,007	5.1	53.0	1,552	4.0	41.0	1,100	2.8	29.0	872	2.2	23.0	946	2.4	24.2
1942.....	1,957	5.0	50.4	1,437	3.7	37.0	1,093	2.8	28.1	914	2.3	23.5	988	2.5	25.4
1943.....	1,959	4.8	50.0	1,719	4.2	43.9	1,101	2.7	28.1	998	2.4	25.5	1,030	2.5	26.3
1944.....	1,962	4.9	49.5	1,715	4.3	43.3	1,068	2.7	26.9	944	2.4	23.8	921	2.3	23.2

(1) Per cent of total deaths.

(2) Rate per 100,000 population.

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

The Four Chief Causes of Death in Each Age-Group

Table Q shows the four primary causes of death in each age group for 1944. It will be seen that violent or accidental deaths hold first place in every age-group from 1 to 39 years of age. From 10 to 29 years of age tuberculosis is the second chief cause of death and third in the 5 to 9 year group. Pneumonia, bronchitis and influenza taken as a group are important in the younger age groups and in the oldest group. Cancer does not appear as a main cause of death until the late 30's, the number of deaths increasing in each older age-group. In general, diseases of the heart and arteries, cancer and intracranial lesions of vascular origin are the primary causes of death of persons over 50 years of age.

TABLE Q—THE FOUR CHIEF CAUSES OF DEATH IN THE DIFFERENT AGE-GROUPS, ONTARIO, 1944

Int. List Number	Age-group and Cause of Death	Deaths in Age-groups by Cause of Death	Per Cent of Deaths in Age-groups due to Specified Causes	Deaths from Specified Causes at all Ages	Per Cent of Deaths at all Ages from Specified Causes
	Under 1 year, total	3,346	70.0		
159	Premature birth.....	1,079	32.2	1,079	100.0
157	Congenital malformations.....	526	15.7	611	86.1
106-109, 33	Pneumonia, bronchitis and influenza.....	413	12.3	2,256	18.3
160	Injury at birth.....	324	9.7	324	100.0
	1-4 years, total	617	58.0		
163-198	Violent or accidental deaths.....	176	28.5	2,890	6.1
106-109, 33	Pneumonia, bronchitis and influenza.....	106	17.2	2,256	4.7
157	Congenital malformations.....	49	7.9	611	8.0
13- 22	Tuberculosis.....	27	4.4	1,068	2.5
	5-9 years, total	345	58.0		
163-198	Violent or accidental deaths.....	140	40.6	2,890	4.8
106-109, 33	Pneumonia, bronchitis and influenza.....	28	8.1	2,256	1.2
13- 22	Tuberculosis.....	19	5.5	1,068	1.8
121	Appendicitis.....	13	3.8	185	7.0
	10-19 years, total	659	59.2		
163-198	Violent or accidental deaths.....	239	36.3	2,890	8.3
13- 22	Tuberculosis.....	86	13.1	1,068	8.1
90- 95	Diseases of the heart.....	34	5.2	12,403	0.3
106-109, 33	Pneumonia, bronchitis and influenza.....	31	4.7	2,256	1.4
	20-29 years, total	1,030	66.2		
163-198	Violent or accidental deaths.....	302	29.3	2,890	10.4
13- 22	Tuberculosis.....	212	20.6	1,068	19.9
140-150	Diseases of pregnancy.....	90	8.7	198	45.5
90- 95	Diseases of the heart.....	78	7.6	12,403	0.6
	30-39 years, total	1,369	57.3		
163-198	Violent or accidental deaths.....	262	19.1	2,890	9.1
90- 95	Diseases of the heart.....	191	14.0	12,403	1.5
45- 55	Cancer.....	168	12.3	5,236	3.2
13- 22	Tuberculosis.....	164	12.0	1,068	15.4
	40-49 years, total	2,460	63.4		
90- 95	Diseases of the heart.....	611	24.8	12,403	4.9
45- 55	Cancer.....	490	19.9	5,236	9.4
163-198	Violent or accidental deaths.....	286	11.6	2,890	9.9
13- 22	Tuberculosis.....	173	7.0	1,068	16.2

TABLE Q—THE FOUR CHIEF CAUSES OF DEATH IN THE DIFFERENT AGE-GROUPS, ONTARIO, 1944—Continued

Int. List Number	Age-group and Cause of Death	Deaths in Age-groups by Cause of Death	Per Cent of Deaths in Age-groups due to Specified Causes	Deaths from Specified Causes at all Ages	Per Cent of Deaths at all Ages from Specified Causes
	50-59 years, total	4,758	68.9		
90- 95	Diseases of the heart.....	1,605	33.7	12,403	12.9
45- 55	Cancer.....	970	20.4	5,236	18.5
83	Intracranial lesions of vascular origin	437	9.2	4,053	10.8
163-198	Violent or accidental deaths.....	267	5.6	2,890	9.2
	60-69 years, total	7,586	73.6		
90- 95	Diseases of the heart.....	2,931	38.6	12,403	23.6
45- 55	Cancer.....	1,371	18.1	5,236	26.2
83	Intracranial lesions of vascular origin	874	11.5	4,053	21.6
130-132	Nephritis.....	404	5.3	1,962	20.6
	70-79 years, total	9,797	75.2		
90- 95	Diseases of the heart.....	3,916	40.0	12,403	31.6
45- 55	Cancer.....	1,435	14.6	5,236	27.4
83	Intracranial lesions of vascular origin	1,433	14.6	4,053	35.4
130-132	Nephritis.....	582	5.9	1,962	29.7
	80-89 years, total	6,714	70.0		
90- 95	Diseases of the heart.....	2,578	38.4	12,403	20.8
83	Intracranial lesions of vascular origin	995	14.8	4,053	24.5
45- 55	Cancer.....	657	9.8	5,236	12.5
106-109, 33	Pneumonia, bronchitis and influenza	468	7.0	2,256	20.7

Mortality from Notifiable Diseases

A summary of deaths and death rates from notifiable diseases is shown in Tables R (1) and R (2) for the last 10-year period. In general, from 1935 to 1943 deaths from diphtheria, erysipelas, scarlet fever and typhoid fever have been on a general downward trend, but in 1944 there was an increase in these diseases with exception of typhoid fever. Deaths from influenza have shown a decided decline except for minor epidemics in 1937, 1939. Deaths from poliomyelitis have shown the same trend except for the years 1937 and 1944, as well as those from whooping cough except for the year 1941. Deaths from tuberculosis are discussed in detail in the section to follow.

TABLE R (1)—DEATHS FROM NOTIFIABLE DISEASES, ONTARIO, 1935-1944.

Cause of Death	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
	Number									
Actinomycosis.....	.....	.....	.....	.....	.....	.....	.....	.....	2	7
Anthrax.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Botulism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chickenpox.....	6	6	5	3	4	7	2	5	8	7
Cholera (Asiatic).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Conjunctivitis (ophthalmia neonatorum).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria.....	33	31	30	11	13	14	14	14	7	19
Dysentery.....	29	34	38	36	27	21	37	34	19	23
Encephalitis (infectious).....	24	15	15	14	15	17	25	22	16	15
Erysipelas.....	74	81	47	34	25	28	15	6	6	8
Glanders.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Influenza (epidemic).....	958	722	1,659	618	1,190	611	465	273	699	434
Jaundice (infectious).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Leprosy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malaria.....	.....	1	2	3	1	1	.....	1	.....	2
Measles.....	89	84	30	31	44	31	43	9	32	38
Meningitis (meningococcal).....	24	20	17	16	18	30	60	34	31	36
Paratyphoid fever.....	.....	3	4	4	3	1	5	4	4	3
Plague.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Poliomyelitis.....	14	23	119	25	23	14	10	12	8	21
Psittacosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal septicaemia.....	49	85	65	50	50	35	52	41	44	52
Rabies.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Rocky Mountain spotted fever.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rubella (German measles).....	1	3	.....	.....	.....	.....	2	.....	1	.....
Scarlet fever.....	57	79	50	49	53	31	38	31	24	31
Septic Sore Throat (epidemic).....	.....	.....	.....	.....	.....	.....	81	28	23	13
Smallpox.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tick paralysis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trachoma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trichinosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Tuberculosis.....	1,303	1,327	1,315	1,237	1,085	1,011	1,100	1,093	1,101	1,068
(a) Pulmonary.....	1,097	1,109	1,149	1,070	936	846	968	955	966	922
(b) Non-pulmonary.....	206	218	166	167	149	165	132	138	135	146
Tularaemia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Typhoid fever.....	39	40	35	35	16	26	18	10	14	5
Typhus fever.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Undulant fever.....	5	2	6	2	2	3	2	3	1	2
Vincent's angina.....	.....	.....	.....	.....	.....	.....	.....	.....	2	7
Whooping cough.....	144	112	104	88	75	69	100	62	71	54
Yellow fever.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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

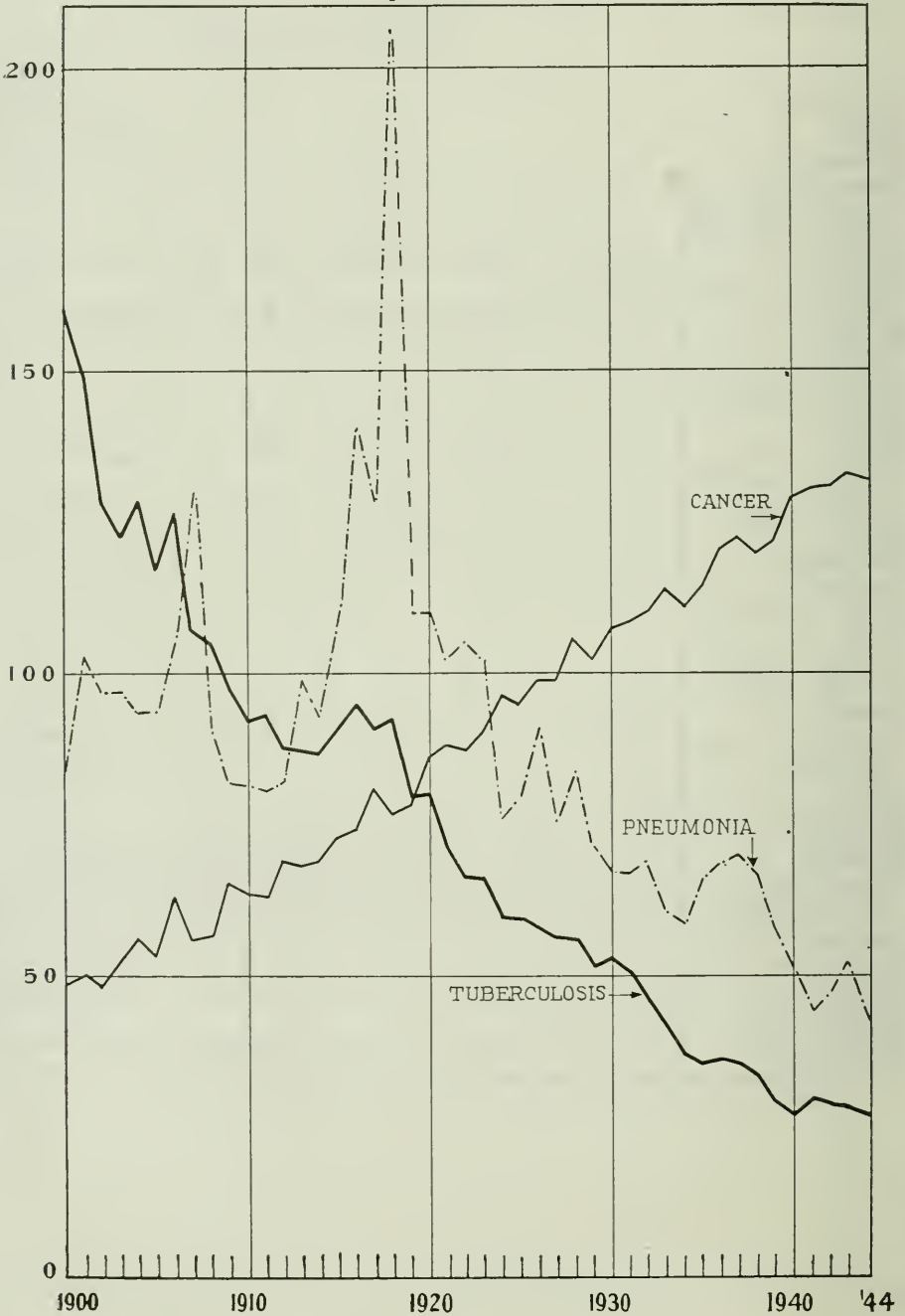
Mortality from Tuberculosis

Chart 5

DEATHS FROM
TUBERCULOSIS, CANCER AND PNEUMONIA

ONTARIO, 1900-44

Rates per 100,000 population



Mortality from Tuberculosis

Table S(1) shows the deaths from all forms of tuberculosis in the province from 1935 to 1944. Table S(2) shows the death rates per 100,000 population classified by the age of the decedents for 1931, 1941, 1942, 1943 and 1944. There have been two main trends in the total numbers of those dying from tuberculosis; namely, a gradual decline from 1,303 deaths in 1935 to 1,085 in 1939, followed by a levelling off during the past four years, with an average of 1,090 deaths per year. On the other hand, the death rate shows a steady decline from 36.8 per 100,000 in 1934 to 27.0 in 1940, followed by slightly increased rates of 29.0 in 1941 and 28.1 in 1942 and 1943. The rate in 1944 decreased to 26.9. Chart 5 illustrates the decided reduction in mortality from tuberculosis which has taken place since the beginning of the century.

The largest number of deaths occurred in 1944 in the age-groups 20 to 29 years, followed by the 40 to 49 year group. Since 1934 there has been a decline in the number of deaths in the younger age-groups, whereas, in the older age-groups there has not been much change in this period. The rates, however, in all instances, have been either more than halved or greatly reduced. Although the number of deaths of children under four years of age has always been relatively small, since 1931 there has been a remarkable reduction in the death rate among this group of the population.

Table 48, in Part II of this report, gives details of deaths and death rates for counties according to place of occurrence and place of residence for the year 1944.

TABLE S (1)—DEATHS FROM TUBERCULOSIS (ALL FORMS), BY AGE AND SEX, ONTARIO, 1935-1944

Age-group	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
Total Deaths from all causes*.....	36,317	37,571	38,475	36,890	37,530	38,503	39,226	39,119	41,063	39,781
M.	19,281	19,916	20,690	19,814	20,310	20,923	21,549	21,349	22,159	21,629
F.	17,036	17,655	17,785	17,076	17,220	17,580	17,677	17,770	18,904	18,152
Total Deaths from Tuberculosis*.....	1,303	1,327	1,315	1,237	1,085	1,011	1,100	1,093	1,101	1,068
M.	708	749	741	678	625	570	642	627	631	623
F.	595	578	574	559	460	441	458	466	470	445
Under 1 year.....	15	12	19	17	12	9	16	9	14	12
M.	11	11	10	10	7	3	9	6	5	4
F.	4	1	9	7	5	6	7	3	9	8
1 year.....	17	24	12	16	7	13	13	7	11	15
M.	10	17	6	7	3	8	3	2	5	4
F.	7	7	6	9	4	5	10	5	6	11
2 years.....	12	14	17	8	6	4	6	12	11	5
M.	2	7	7	4	4	2	5	4	5	2
F.	10	7	10	4	2	2	1	8	6	3
3 years.....	13	11	6	10	5	5	3	3	3	5
M.	8	10	3	3	1	2	2	1	..	1
F.	5	1	3	7	4	3	1	2	3	4
4 years.....	5	5	4	8	8	6	10	4	2	2
M.	3	3	1	4	3	3	4	3	1	1
F.	2	2	3	4	5	3	6	1	1	1

TABLE S (1)—DEATHS FROM TUBERCULOSIS (ALL FORMS), BY AGE AND SEX, ONTARIO, 1935-1944—Continued

Age-group	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
5-9 years.....	35	37	27	24	20	20	15	23	16	19
M.	16	24	13	9	11	15	8	12	7	9
F.	19	13	14	15	9	5	7	11	9	10
10-14 years.....	36	28	28	29	23	21	41	18	21	21
M.	20	13	11	11	8	4	11	7	7	6
F.	16	15	17	18	15	17	30	11	14	15
15-19 years.....	88	93	72	76	64	64	64	66	68	65
M.	35	37	29	28	24	33	30	26	23	29
F.	53	56	43	48	40	31	34	40	45	36
20-24 years.....	133	146	162	122	93	87	87	106	113	100
M.	46	60	61	50	43	36	32	47	49	39
F.	87	86	101	72	50	51	55	59	64	61
25-29 years.....	131	139	137	124	118	98	102	109	93	112
M.	53	57	56	54	52	34	42	46	41	47
F.	78	82	81	70	66	64	60	63	52	65
30-34 years.....	123	120	111	123	105	88	88	112	100	82
M.	61	60	62	67	50	42	43	64	59	38
F.	62	60	49	56	55	46	45	48	41	44
35-39 years.....	107	121	119	102	90	87	84	84	107	82
M.	60	76	71	69	53	52	51	47	62	42
F.	47	45	48	33	37	35	33	37	45	40
40-44 years.....	128	99	98	92	84	84	100	90	82	94
M.	85	64	64	54	57	55	66	57	51	62
F.	43	35	34	38	27	29	34	33	31	32
45-49 years.....	77	103	103	107	60	71	90	66	83	79
M.	50	64	79	69	39	51	62	43	53	58
F.	27	39	24	38	21	20	28	23	30	21
50-59 years.....	186	168	177	160	173	152	158	167	183	158
M.	126	123	136	108	133	109	121	134	130	116
F.	60	45	41	52	40	43	37	33	53	42
60-69 years.....	114	129	132	131	131	127	139	123	128	134
M.	75	80	87	82	87	80	103	79	94	102
F.	39	49	45	49	44	47	36	44	34	32
70-79 years.....	70	65	74	75	72	61	69	79	51	65
M.	40	38	39	42	42	35	41	40	33	51
F.	30	27	35	33	30	26	28	39	18	14
80 years and over.....	12	13	16	11	13	14	15	14	14	18
M.	6	5	5	5	7	6	9	8	6	12
F.	6	8	11	6	6	8	6	6	8	6

*Totals include deaths where age was not stated.

TABLE S (2)—DEATH RATES PER 100,000 POPULATION FROM TUBERCULOSIS, BY AGE, ONTARIO, 1935, 1944, 1942, 1943, AND 1944

Age-group	1931	1941	1942	1943	1944
Total—All Causes	1040.4	1035.6	1007.2	1048.3	1003.3
Total—Tuberculosis	50.4	29.0	28.1	28.1	26.9
Under 1 year.....	42.8	26.9	12.5	17.9	15.5
1 year.....	56.0	23.3	12.5	15.2	19.2
2 years.....	17.5	9.4	21.6	18.3	6.9
3 years.....	25.0	5.0	4.7	5.3	8.3
4 years.....	7.9	17.0	6.6	3.1	3.5
5-9 years.....	9.9	5.0	7.6	5.4	6.2
10-14 years.....	14.5	12.6	5.5	6.5	6.6
15-19 years.....	41.4	18.9	19.1	20.4	19.6
20-24 years.....	79.3	26.9	31.4	32.8	28.4
25-29 years.....	85.8	32.3	33.5	28.9	35.0
30-34 years.....	74.2	30.7	37.6	33.1	26.5
35-39 years.....	60.8	31.3	30.5	38.6	29.3
40-44 years.....	52.9	39.9	35.4	31.8	35.9
45-49 years.....	51.9	38.7	27.8	34.7	32.7
50-59 years.....	56.6	39.9	41.0	44.3	37.7
60-69 years.....	64.5	52.3	44.9	45.6	46.8
70-79 years.....	67.2	48.9	54.5	34.7	43.0
80 years and over.....	50.3	34.2	31.8	30.4	38.2

Mortality from Cancer

Chart 5 illustrates the steady upward trend in the mortality rate from cancer since the beginning of the century. The increase in the total number of deaths since 1935 is shown in Table T (1) and is apparent in most of the age-groups particularly among older persons. In addition the general cancer death rate has increased over the past decade, standing at 132.1 deaths per 100,000 population in 1944, as compared with 130.2 in 1941 and 117.9 in 1935. Table T (2) shows the rates from 1935 to 1944 by sex and indicates that the female rate is higher than the male rate, but the death rate for males has increased more rapidly than that for females.

TABLE T (1)—DEATHS FROM CANCER, BY AGE AND SEX, ONTARIO, 1935-1944

Age-group	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
Deaths from all causes*	36,317	37,571	38,475	36,890	37,530	38,503	39,226	39,119	41,063	39,781
M.	19,281	19,916	20,690	19,814	20,310	20,923	21,549	21,349	22,159	21,629
F.	17,036	17,655	17,785	17,076	17,220	17,580	17,677	17,770	18,904	18,152
Deaths from Cancer*	4,214	4,441	4,547	4,472	4,567	4,847	4,931	5,005	5,193	5,236
M.	1,952	2,050	2,173	2,083	2,171	2,303	2,367	2,384	2,526	2,537
F.	2,262	2,391	2,374	2,389	2,396	2,544	2,564	2,621	2,667	2,699

TABLE T (1)—DEATHS FROM CANCER, BY AGE AND SEX, ONTARIO, 1935-1944—
Continued

Age-group	1935	1936	1937	1938	1939	1940	1941	1942	1944	1944
Under 5 years.....	9	16	17	11	13	11	16	16	22	16
M.	4	10	11	5	12	6	10	7	9	10
F.	5	6	6	6	1	5	6	9	13	6
5-14 years.	19	10	16	22	19	12	14	16	18	21
M.	9	7	9	10	13	4	11	8	8	16
F.	10	3	7	12	6	8	3	8	10	5
15-24 years.....	29	28	30	32	26	33	34	32	33	36
M.	18	10	16	16	14	27	18	20	17	25
F.	11	18	14	16	12	6	16	12	16	11
25-34 years.....	97	69	90	91	76	80	76	63	87	81
M.	30	28	32	34	26	28	32	22	36	24
F.	67	41	58	57	50	52	44	41	51	57
35-44 years.....	253	276	271	282	241	292	302	284	335	308
M.	80	86	105	88	76	93	112	90	114	117
F.	173	190	166	194	165	199	190	194	221	191
45-49 years.....	266	256	270	273	258	283	282	299	306	294
M.	103	83	108	99	101	105	103	101	120	104
F.	163	173	162	174	157	178	179	198	186	190
50-54 years.....	374	384	404	369	400	447	402	400	405	423
M.	145	162	167	154	173	176	167	175	181	173
F.	229	222	237	215	227	271	235	225	224	250
55-59 years.....	458	464	477	476	493	564	543	573	559	547
M.	201	202	219	186	227	276	242	257	273	260
F.	257	262	258	290	266	288	301	316	286	287
60-64 years.....	537	540	574	528	588	586	613	658	670	653
M.	269	238	300	262	280	296	311	341	321	327
F.	268	302	274	266	308	290	302	317	349	326
65-69 years.....	588	646	624	653	623	672	699	747	737	718
M.	294	326	319	333	308	342	340	402	379	355
F.	294	320	305	320	315	330	359	345	358	363
70-74 years.....	616	644	669	651	677	696	688	664	708	766
M.	293	338	332	329	357	357	379	344	392	417
F.	323	306	337	322	320	339	309	320	316	349
75-79 years.....	517	595	604	584	601	602	631	586	628	669
M.	275	295	297	315	303	299	312	289	350	353
F.	242	300	307	269	298	303	319	297	278	316
80-84 years.....	310	344	333	328	356	374	420	419	437	450
M.	175	182	183	168	186	204	223	204	217	239
F.	135	162	150	160	170	170	197	215	220	211
85-89 years.....	119	131	132	146	150	149	176	201	198	207
M.	48	63	61	74	74	71	92	102	88	102
F.	71	68	71	72	76	78	84	99	110	105
90-94 years.....	19	34	33	17	37	33	33	36	41	42
M.	7	18	13	6	15	13	14	18	15	12
F.	12	16	20	11	22	20	19	18	26	30
95 and over.....	3	4	2	9	6	11	2	10	8	5
M.	1	2	.....	4	3	4	1	3	6	3
F.	2	2	2	5	3	7	1	7	2	2

*Total includes deaths where age was not stated, as follows: 1933, 1 female; 1937, 1 male; 1939, 3 males; 1940, 2 males; 1942, 1 male; 1943 1 female and 1944, 1 male.

TABLE T (2)—DEATH RATES PER 100,000 POPULATION FROM CANCER,
BY SEX, ONTARIO, 1935-44

Year	Total	Male	Female
1935.....	117.9	107.3	128.9
1936.....	123.2	111.7	135.0
1937.....	125.0	117.5	132.8
1938.....	121.8	111.6	132.4
1939.....	123.2	115.2	131.4
1940.....	129.4	121.0	138.0
1941.....	130.2	123.2	137.4
1942.....	128.9	121.3	136.7
1943.....	132.6	127.4	137.9
1944.....	132.1	126.5	137.8

The number of deaths from cancer classified by sites affected is given in Table U for the period 1935 to 1944. Cancer of the digestive organs and peritoneum accounts for almost half of the deaths from this disease, with an increase of 15.0 per cent in the number of deaths occurring in this group since 1935. The number of deaths from cancer of the male and female genital and urinary organs has increased 23 per cent since 1935, cancer of the breast 25 per cent, while cancer of the respiratory organs has more than doubled during the same period.

TABLE U—DEATHS, AND DEATH RATES PER 100,000 POPULATION,
FROM CANCER, CLASSIFIED BY SITES AFFECTED, 1935-1944

Site (Int. List Nos. 45-55) (5th Revision)	DEATHS									
	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
Total Deaths.....	4,214	4,441	4,547	4,472	4,567	4,847	4,931	5,005	5,193	5,236
M.	1,952	2,050	2,173	2,083	2,171	2,303	2,367	2,384	2,526	2,537
F.	2,262	2,391	2,374	2,389	2,396	2,544	2,564	2,621	2,667	2,699
Buccal cavity and pharynx.....	167	131	166	157	154	175	166	164	192	167
M.	132	109	131	126	132	152	139	121	158	127
F.	35	22	35	31	22	23	27	43	34	40
Digestive organs and peritoneum.....	2,123	2,250	2,314	2,227	2,263	2,388	2,430	2,446	2,522	2,545
M.	1,119	1,181	1,247	1,200	1,217	1,280	1,304	1,326	1,358	1,382
F.	1,004	1,069	1,067	1,027	1,046	1,108	1,126	1,120	1,164	1,163
Respiratory system...	156	170	204	190	209	263	276	302	335	336
M.	112	107	147	128	156	198	211	230	241	236
F.	44	63	57	62	53	65	65	72	94	100

TABLE U—DEATHS, AND DEATH RATES PER 100,000 POPULATION, FROM
 CANCER, CLASSIFIED BY SITES AFFECTED, 1935-1944—Continued

Site (Int. List Nos. 45-55) (5th Revision)	DEATHS									
	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
Uterus.....	353	343	356	381	341	367	362	374	360	376
Other female genital organs.....	118	128	132	135	130	146	174	147	163	160
Male genital organs..							276	269	301	292
Urinary organs.....	369	408	415	399	424	420	247	273	311	312
M.)							170	172	207	199
F.)	87	72	70	62	89	91	77	101	104	113
Breast.....	424	525	464	496	532	533	542	564	560	530
M.)	6	8	5	2	6	15	6	8	4	7
F.)	418	517	459	494	526	518	536	556	556	523
Skin.....	87	99	89	83	94	85	93	86	90	72
M.)	51	66	52	46	57	46	62	60	67	46
F.)	36	33	37	37	37	39	31	26	23	26
Brain.....	88	77	91	105	89	99	81	90	81	101
M.)	43	46	54	56	48	53	49	55	48	65
F.)	45	31	37	49	41	46	32	35	33	36
Other and unspecified organs.....	242	238	246	237	242	280	284	290	278	345
M.)	120	125	122	126	131	139	150	143	142	183
F.)	122	113	124	111	111	141	134	147	136	162
DEATH RATE PER 100,000 POPULATION										
Total Deaths.....	117.9	123.2	125.0	121.8	123.2	129.4	130.2	128.9	132.6	132.1
Buccal cavity and pharynx.....	4.5	3.6	4.5	4.2	4.1	4.7	4.4	4.3	4.9	4.2
Digestive organs and peritoneum.....	57.8	61.0	62.4	59.7	60.3	63.5	64.2	64.0	64.4	64.2
Respiratory system..	4.2	4.6	5.5	5.1	5.6	7.0	7.3	7.9	8.6	5
Uterus.....							9.6	9.8	9.2	9.5
Other female genital organs.....	25.2	25.8	26.2	26.2	26.2	27.2	4.6	3.8	4.2	4.0
Male genital organs..							7.3	7.0	7.7	7.4
Urinary organs.....							6.5	7.1	7.9	7.9
Breast.....	11.5	14.2	12.5	13.3	14.2	14.2	14.3	14.7	14.3	13.4
Skin.....	2.4	2.7	2.4	2.2	2.5	2.3	2.5	2.2	2.3	1.8
Brain.....	2.4	2.1	2.5	2.8	2.4	2.6	2.1	2.4	2.1	2.5
Other and unspecified organs.....	6.6	6.5	6.6	6.4	6.4	7.4	7.5	7.6	7.1	8.7

NOTE: Cancer of male genital organs and of urinary organs was not tabulated separately for the years 1935 to 1940.

Mortality from Pneumonia, Bronchitis and Influenza

In Chart 5 is a curve showing the trend in the death rate from pneumonia, a disease which may be affected by epidemics as illustrated by the peaks of 1907, 1916 and 1918. During the twenty years from 1925 to 1944 the death rate from this disease showed a general downward trend. The decrease was more noticeable after the introduction of the sulpha drugs for the treatment of respiratory diseases. The rate was 79.5 per 100,000 in 1924, 44.2 in 1941 and 42.5 in 1944.

Table U (1) shows the number of deaths from influenza, bronchitis and pneumonia and indicates the fluctuation in the number of deaths recorded as due to influenza.

TABLE U (1)—DEATHS FROM PNEUMONIA, BRONCHITIS AND INFLUENZA IN ONTARIO, 1935-1944

Int. List No.	CAUSE	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
33	Influenza	958	722	1,659	618	1,190	611	465	273	699	434
106	Bronchitis	101	93	85	88	85	103	119	107	167	138
107-109	Pneumonia (all forms)	2,417	2,520	2,595	2,495	2,174	1,977	1,676	1,798	2,031	1,684

Special Classes of Accidental Deaths

Table V shows that of the 2,297 accidental deaths in 1944 cross-classified as to nature of injury, 868 were due to crushing, 765 to falls, 332 to drowning, 172 to burns and 138 to poisonous gas, suffocation and electrocution. Of those injured by crushing, 427 deaths were due to automobile accidents (excluding trams or street-cars), 83 to railway accidents (excluding motor vehicles) and 93 to air transport accidents.

TABLE V—CLASSIFICATION OF ACCIDENTAL DEATHS ACCORDING TO THE NATURE OF INJURY

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

Int. List No.	CAUSES OF DEATH	M.	F.
	Accidental absorption of poisonous gas	54	25
169	Railway accidents (excluding motor vehicles)	1	...
170c	Automobile accidents (excluding trains or street-cars)	1	...
174	Accidents in mines and quarries	2	...
178	Accidental absorption of poisonous gas	35	13
180	Conflagration	15	12
	Accidental burns	101	71
170c	Automobile accidents (excluding trains or street-cars)	1	...
173	Air transport accidents	18	...
180	Conflagration	28	19
181	Accidental burns (conflagration excepted)	54	52
	Accidental mechanical suffocation	29	12
174	Accidents in mines and quarries	1	...
175e	Other forestry accidents	1	...
182	Accidental mechanical suffocation	27	12

TABLE V—CLASSIFICATION OF ACCIDENTAL DEATHS ACCORDING
TO THE NATURE OF INJURY—Continued

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

Int. List No.	CAUSES OF DEATH	M.	F.
	Accidental drowning	275	57
169	Railway accidents (excluding motor vehicles).....	1	...
170c	Automobile accidents (excluding trains or street-cars).....	9	4
172	Water transport accidents.....	67	9
173	Air transport accidents.....	3	...
175e	Other forestry accidents.....	1	...
176	Other accidents involving machinery.....	1	...
183	Accidental drowning.....	193	44
	Accidental injury by cutting or piercing instruments	20	2
175a	Accidents involving agricultural machinery and vehicles.....	1	...
175c	Other agricultural accidents.....	3	...
175d	Accidents involving forestry machinery and vehicles.....	1	...
176	Other accidents involving machinery.....	5	...
185	Accidental injury by cutting or piercing instruments.....	10	2
	Accidental injury by fall	319	446
169	Railway accidents (excluding motor vehicles).....	8	...
170c	Automobile accidents (excluding trains or street-cars).....	10	2
171a	Street-car accidents (excluding trains and motor vehicles).....	...	1
171b	Other road transport accidents (excluding street-cars, trains and motor vehicles).....	7	1
174	Accidents in mines and quarries.....	1	...
175a	Accidents involving agricultural machinery and vehicles.....	6	...
175b	Injury by animals, in agriculture.....	1	...
175c	Other agricultural accidents.....	5	...
180	Conflagration.....	...	1
186a	Accidental injury by fall.....	281	441
	Accidental injury by crushing	711	157
169	Railway accidents (excluding motor vehicles).....	74	9
170a	Collisions with trains.....	41	11
170b	Collisions with street-cars.....	7	2
170c	Automobile accidents (excluding trains or street-cars).....	303	124
170d	Motorcycle accidents (excluding automobiles).....	13	...
171a	Street-car accidents (excluding trains and motor vehicles).....	20	6
171b	Other road transport accidents (excluding street-cars, trains and motor vehicles).....	8	1
172	Water transport accidents.....	2	...
173	Air transport accidents.....	92	1
174	Accidents in mines and quarries.....	22	...
175a	Accidents involving agricultural machinery and vehicles.....	17	...
175b	Injury by animals, in agriculture.....	18	...
175c	Other agricultural accidents.....	17	...
175d	Accidents involving forestry machinery and vehicles.....	1	...
175e	Other forestry accidents.....	13	...
176	Other accidents involving machinery.....	38	1
180	Conflagration.....	1	...
186b	Accidental injury by crushing.....	24	2
	Accidents due to electric currents	17	1
193	Accidents due to electric currents.....	17	1

Marriages

From Table W it will be noted that there have been significant fluctuations in the number of marriages in the province since 1923, each of which have reflected general economic trends. For example, there was a general increase in marriages

and in the marriage rate leading up to 1929, a prosperity period, followed by a decline coincident with the depression period which continued until approximately 1933. This was followed by a return to a more stable economic condition which is reflected by an increase in both the total number of marriages and the marriage rates. The effect of the war is clearly apparent in the relatively high rates of 11.0, 11.4 and 11.7 per 1,000 population during the three years, 1940, 1941 and 1942. In 1943 the rate decreased to 9.2 followed by a further decrease to 7.9 in 1944.

TABLE W—MARRIAGES AND MARRIAGE RATES PER 1,000 POPULATION, ONTARIO, 1923-1944

Year	Number	Rate per 1,000 Population	Year	Number	Rate per 1,000 Population
1923.....	24,842	8.2	1934.....	25,874	7.3
1924.....	24,038	7.9	1935.....	26,843	7.5
1925.....	23,074	7.4	1936.....	27,734	7.7
1926.....	23,632	7.5	1937.....	29,893	8.2
1927.....	24,677	7.7	1938.....	30,080	8.2
1928.....	25,728	7.8	1939.....	34,657	9.3
1929.....	27,605	8.3	1940.....	41,229	11.0
1930.....	25,605	7.6	1941.....	43,270	11.4
1931.....	23,771	6.9	1942.....	45,466	11.7
1932.....	22,224	6.4	1943.....	36,109	9.2
1933.....	22,587	6.4	1944.....	31,227	7.9

Divorces

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

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

*Including legal separations.

An historical summary of the number of marriages dissolved in Ontario since 1919 is presented in Table X. Previous to 1920 very few divorces were granted in the province. There was no appreciable increase in the number till the late 1920's, but since the transfer in 1930 of jurisdiction from the Dominion Parliament to provincial courts there has been a steady annual increase (except in 1937) in the number of divorces. Previous to 1930 a record number of 213 (1928) divorces were granted. From an annual average of somewhat over 300 in the early 1930's the number has increased rapidly to 949 in 1941, 1,185 in 1942, 1,376 in 1943 and 1,510 in 1944, representing an increase in the rate per 100,000 population of from 9 or 10 to 38 in 1944.

In the early 1920's the majority of the successful applicants were husbands, but since that period dissolutions granted on the application of wives have been in the great majority. Since 1935 for every 1,000 divorces granted to wives, an average of 550 have been granted to husbands as applicants, the ratio in 1944 being 689 per 1,000 divorces granted to wives.

TABLE X—DISSOLUTIONS OF MARRIAGE (DIVORCES) AND RATE PER 100,000 POPULATION, 1919-1944, AND RATIO OF DISSOLUTIONS TO MALES AND FEMALES, 1935-1944

Year	Dissolutions of Marriage	Rate per 100,000 Population	Year	Dissolutions of Marriage	Rate per 100,000 Population	Year	Dissolutions of Marriage	Rate per 100,000 Population	DISSOLUTIONS GRANTED TO—		Ratio of Dissolutions to Males per 1,000 Dissolutions to Females
									Husbands	Wives	
1919	46	1.6	1927	181	5.6	1935	491	13.7	180	311	579
1920	89	3.1	1928	213	6.5	1936	519	14.4	174	340	512
1921	96	3.3	1929	207	6.2	1937	607	16.7	209	398	525
1922	91	3.1	1930	204	6.0	1938	825	22.3	294	530	555
1923	102	3.4	1931	91*	2.7	1939	751	20.2	258	489	528
1924	113	3.7	1932	343*	9.9	1940	962	25.7	348	614	566
1925	119	3.8	1933	307	8.7	1941	949	25.1	339	610	556
1926	111	3.5	1934	365	10.3	1942	1185	30.5	433	752	576
						1943	1376	35.1	501	875	572
						1944	1510	38.1	615	895	687

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

TABLE Y—MATERNAL MORTALITY IN CITIES, TOWNS AND VILLAGES OF 5,000 POPULATION AND OVER, ONTARIO, 1944 (AS OF CENSUS 1941).

CLASSIFIED BY PLACE OF RESIDENCE

Cities, Towns and Villages (5,000 population and over)	Total.		Institutional		Non-institutional	
	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes
Barrie.....	331	1	320	...	11	1
Belleville.....	369	2	356	2	13	...
Brampton.....	123	...	120	...	3	...
Brantford.....	757	6	735	5	22	1
Brookville.....	271	...	264	...	7	...
Chatham.....	362	...	339	...	23	...
Cobourg.....	105	...	88	...	17	...
Collingwood.....	156	1	131	1	25	...
Cornwall.....	526	1	448	1	78	...
Dundas.....	125	...	121	...	4	...
Eastview.....	273	1	175	1	98	...
Forest Hill.....	183	...	180	...	3	...
Fort Erie.....	207	...	200	...	7	...
Fort Frances.....	134	...	114	...	20	...
Fort William.....	653	2	635	2	18	...
Galt.....	342	2	311	2	31	...
Guelph.....	466	1	450	1	16	...
Hamilton.....	3,676	12	3,518	10	158	2
Hawkesbury.....	225	...	85	...	140	...
Ingersoll.....	113	...	101	...	12	...
Kencra.....	146	1	140	1	6	...
Kingston.....	875	...	848	...	27	...
Kitsoner.....	659	4	621	4	38	...
Leamington.....	144	...	100	...	44	...
Leslie.....	175	...	172	...	3	...
Lindsay.....	183	1	168	...	15	1
London.....	1,735	5	1,691	5	44	...
Long Branch.....	153	...	129	...	24	...
Midland.....	153	...	130	...	23	...
Mimico.....	183	...	167	...	16	...
New Toronto.....	142	1	119	1	23	...
Niagara Falls.....	533	3	524	3	9	...
North Bay.....	385	...	326	...	59	...
Orillia.....	240	...	221	...	19	...
Oshawa.....	579	...	545	...	34	...
Ottawa.....	3,492	12	3,208	10	284	2
Owen Sound.....	324	...	296	...	28	...
Parry Sound.....	105	...	91	...	14	...
Pembroke.....	303	1	252	1	51	...
Peterborough.....	682	1	653	1	29	...
Port Arthur.....	538	1	536	1	2	...
Port Colborne.....	146	...	70	...	76	...
Port Hope.....	113	...	109	...	4	...
Preston.....	131	1	122	1	9	...
Renfrew.....	121	...	104	...	17	...
St. Catharines.....	790	1	755	1	35	...
St. Thomas.....	382	1	373	1	9	...
Sarnia.....	465	1	450	1	15	...
Sault Ste. Marie.....	726	3	639	3	87	...
Simcoe.....	163	1	159	1	4	...
Smiths Falls.....	181	1	170	1	11	...
Stratford.....	314	1	307	1	7	...
Sudbury.....	1,282	4	487	4	795	...
Swansea.....	82	1	77	1	5	...
Thorold.....	131	...	121	...	10	...
Timmins.....	683	...	389	...	294	...
Toronto.....	11,336	29	10,474	27	862	2
Trenton.....	269	...	205	...	64	...
Waterloo.....	214	...	194	...	20	...
Welland.....	369	1	323	1	46	...
Weston.....	137	...	129	...	8	...
Whitby.....	99	...	83	...	16	...
Windsor.....	2,426	7	2,237	7	189	...
Woodstock.....	236	...	229	...	7	...
Total cities, towns and villages of 5,000 and over.....	41,922	111	37,834	102	4,088	9
Remainder of Province.....	36,168	87	24,197	70	11,971	17
Grand total.....	78,090	198	62,031	172	16,059	26

TABLE Z—DEATHS FROM TUBERCULOSIS, 1944

Rates per 100,000 Population.

Counties (exclusive of Cities, Towns and Villages of 5,000 and over)	Place of Occurrence		Place of Residence		Cities, Towns and Villages of 5,000 and over As at Census 1941	Place of Occurrence		Place of Residence	
	Number	Rate	Number	Rate		Number	Rate	Number	Rate
Albama.....	5	19.5	18	70.2	Barrie.....	..	..	..	..
Brant.....	20	79.7	6	23.9	Belleville.....	3	19.2	3	19.2
Bruce.....	3	6.9	13	29.8	Brampton.....	..	..	..	..
Carleton.....	2	5.1	12	30.4	Brantford.....	8	23.3	16	46.7
Cochrane.....	13	21.7	24	40.1	Brockville.....	1	9.0	3	27.0
Dufferin.....	..	..	..	..	Chatham.....	1	5.5	6	33.3
Dundas.....	1	5.9	3	17.7	Cobourg.....	2	35.7	1	17.8
Durham.....	..	..	1	4.6	Collingwood.....	1	15.8	2	31.7
Elgin.....	2	6.6	6	19.9	Cornwall.....	7	46.4	13	86.2
Essex.....	..	..	11	18.4	Dundas.....	..	..	1	17.9
Frontenac.....	8	33.7	5	21.0	Eastview.....	2	23.1	4	46.3
Glengarry.....	18	91.8	3	15.3	Forest Hill.....	1	7.4	3	22.2
Grenville.....	1	6.0	3	17.9	Fort Erie.....	..	..	2	26.9
Grey.....	2	4.3	8	17.2	Fort Frances.....	1	18.1	1	18.1
Haldimand.....	2	8.7	9	39.3	Fort William.....	45	154.6	9	30.9
Haliburton.....	1	14.3	1	14.3	Galt.....	1	6.8	1	6.8
Halton.....	..	..	6	20.1	Guelph.....	2	8.6	7	30.1
Hastings.....	1	2.5	2	4.9	Hamilton.....	15	8.6	40	23.0
Huron.....	1	2.2	6	13.1	Hawkesbury.....	3	49.6	5	82.7
Kenora (including Patricia).....	14	49.2	40	140.7	Ingersoll.....	..	..	..	..
Kent.....	1	1.9	6	11.7	Kenora.....	3	41.8	4	55.8
Lambton.....	1	2.5	9	22.8	Kingston.....	17	52.4	10	30.8
Lanark.....	2	7.4	4	14.8	Kitchener.....	4	11.1	3	8.3
Leeds.....	..	..	3	11.3	Leamington.....	..	..	2	36.7
Lennox and Addington.....	..	..	5	25.9	Leaside.....	..	..	..	..
Lincoln.....	26	77.5	..	29.8	Lindsay.....	..	..	1	13.0
Manitoulin.....	10	88.1	10	70.5	London.....	13	15.9	17	20.8
Middlesex.....	97	188.2	13	25.2	Long Branch.....	1	19.3	3	57.8
Muskoka.....	51	223.1	6	26.2	Midland.....	1	15.1	1	15.1
Nipissing.....	2	6.8	9	30.5	Mimico.....	..	..	2	23.9
Norfolk.....	1	3.2	4	12.8	New Toronto.....	1	11.6	2	23.3
Northumberland.....	1	3.8	6	22.5	Niagara Falls.....	2	10.5	6	31.4
Ontario.....	3	8.4	10	28.1	North Bay.....	2	12.6	3	19.0
Oxford.....	48	138.7	6	17.3	Orillia.....	2	19.9	1	10.0
Parry Sound.....	2	7.8	10	39.0	Oshawa.....	3	11.2	3	11.2
Peel.....	..	..	1	3.7	Ottawa.....	67	40.9	59	36.0
Perth.....	1	2.9	4	11.5	Owen Sound.....	3	22.4	3	22.4
Peterborough.....	2	9.2	3	13.8	Parry Sound.....	2	34.1	..	..
Prescott.....	1	4.9	7	34.3	Pembroke.....	1	8.3	4	33.1
Prince Edward.....	1	5.7	3	17.1	Peterborough.....	1	3.6	4	14.4
Rainy River.....	1	6.9	7	48.3	Port Arthur.....	8	31.9	10	39.8
Renfrew.....	1	2.5	10	25.3	Port Colborne.....	1	13.9	3	41.7
Russell.....	2	10.9	4	21.9	Port Hope.....	2	41.0	2	41.0
Simcoe.....	3	5.2	3	5.2	Preston.....	..	..	1	14.9
Stormont.....	..	..	4	14.4	Renfrew.....	2	35.3	4	70.5
Sudbury.....	4	8.1	24	48.8	St. Catharines.....	3	8.7	6	17.4
Thunder Bay.....	6	17.2	28	80.0	St. Thomas.....	2	11.0	2	11.0
Timiskaming.....	40	75.5	24	45.3	Sarnia.....	2	10.0	6	29.9
Victoria.....	2	10.3	3	15.4	Sault Ste. Marie.....	3	10.4	9	31.2
Waterloo.....	25	69.0	9	24.8	Simcoe.....	..	..	..	..
Welland.....	2	4.6	10	23.2	Smith's Falls.....	1	13.0	2	25.9
Wellington.....	3	7.7	8	20.5	Stratford.....	2	11.7	4	23.4
Wentworth.....	126	344.3	9	24.6	Sudbury.....	4	11.3	15	42.4
York.....	100	38.2	25	9.5	Swansea.....	..	..	..	..
Outside of Ontario.....	19	..	6	..	Thorold.....	..	..	4	72.5
					Timmins.....	6	25.0	20	83.2
					Toronto.....	96	14.2	215	31.8
					Trenton.....	1	10.2	6	60.9
					Waterloo.....	..	..	2	21.0
					Welland.....	1	6.3	5	31.7
					Weston.....	1	15.8	2	31.6
					Whitby.....	1	15.5	..	..
					Windsor.....	37	31.6	30	25.6
					Woodstock.....	1	7.7	3	23.2
					Outside of Ontario.....	13	..	7	..

PART II

Detailed Tables, 1944

Table 2—General Summary of Births, Deaths and Marriages in the Province of Ontario by Counties (excluding Cities, Towns and Villages of 5,000 population and over), 1944 (as at Census 1941)

Classified by Place of Residence

Table with columns for Counties, Estimated population, BIRTHS (exclusive of stillbirths) (Total, M, F), Ratio per 1,000 of population, DEATHS (All ages, Under 1 year, 1-4 years, 5 years and over), Ratio per 1,000 of population, Stillbirths, Marriages, and Ratio per 1,000 of population.

Table 5—General Summary of Births, Deaths and Marriages in the Province of Ontario for Towns and Villages of 1,000 Population and under 5,000, 1944 (as at Census 1941)—Continued

Classified by Place of Residence

Towns and Villages 1,000 and over and under 5,000	Esti- mated popula- tion	BIRTHS (Exclusive of stillbirths)				DEATHS								Ratio per 1,000 of pop-ulation	Stillbirths	Marriages	Ratio per 1,000 of population	
		All ages			Ratio per 1,000 of population	Under 1 year		1-4 years		5 years and over								
		Total	M	F		Total	M	F	M	F	M	F						
Little Current.....	1137	21	11	10	18.5	6	4	2	...	1	...	...	4	1	5.3	1	12	10.6
L'Orignal.....	787	27	9	18	34.3	12	5	7	1	...	...	...	4	7	15.2	...	13	16.5
Madoc.....	1094	19	11	8	17.4	17	7	10	2	...	...	...	5	10	15.5	...	10	9.1
Markham.....	1210	27	14	13	22.3	22	13	9	...	...	...	...	13	9	18.2	1	12	9.9
Marmora.....	938	36	17	19	38.4	14	11	3	3	2	...	...	8	1	14.9	...	10	10.7
Mattawa.....	1945	85	40	45	43.7	36	20	16	6	3	1	2	13	11	18.5	1	22	11.3
Meaford.....	2671	50	29	21	18.7	44	23	21	2	...	...	...	21	21	16.5	2	32	12.0
Merritton.....	3407	84	35	49	24.7	38	18	20	1	3	...	...	17	17	11.2	1	15	4.4
Milton.....	1893	48	26	22	25.4	34	17	17	1	1	1	...	15	16	18.0	2	20	10.6
Milverton.....	961	18	5	13	17.7	14	8	6	...	1	...	...	8	4	14.6	2	4	4.2
Mitchell.....	1560	17	10	7	10.9	41	22	19	1	...	...	...	21	19	26.3	...	16	10.3
Morrisburg.....	1436	24	10	14	16.7	27	12	15	1	...	...	...	11	15	18.8	...	19	13.2
Mount Forest.....	1753	36	17	19	20.5	31	14	17	2	1	...	2	12	14	17.7	...	11	6.3
Napanee.....	3298	79	52	27	24.0	68	34	34	5	1	...	...	29	33	20.6	...	40	12.1
New Hamburg.....	1456	32	18	14	22.0	17	7	10	1	1	...	...	6	9	11.7	2	14	9.6
New Liskeard.....	3014	85	39	46	28.2	35	24	11	6	...	...	...	18	11	11.6	...	35	11.6
Newmarket.....	3956	92	54	38	23.3	48	29	19	2	...	1	...	26	19	12.1	2	49	12.4
Niagara.....	1802	38	23	15	21.1	25	11	14	...	...	1	...	10	14	13.9	1	13	7.2
Norwich.....	1249	26	17	9	20.8	26	12	14	...	...	...	...	12	14	20.8	1	8	6.4
Oakville.....	4243	89	45	44	21.0	45	25	20	2	1	...	1	23	18	10.6	3	46	10.8
Orangeville.....	2559	54	29	25	21.1	48	25	23	1	3	...	...	24	20	18.8	3	15	5.9
Palmerston.....	1379	25	11	14	18.1	20	10	10	...	...	...	...	10	10	14.5	...	14	10.2
Paris.....	4531	75	37	38	16.6	60	29	31	2	...	...	...	27	31	13.2	4	37	8.2
Penetanguishene.....	4732	127	70	57	26.8	36	19	17	4	3	...	...	15	14	7.6	4	41	8.7
Perth.....	4230	85	49	36	20.1	57	30	27	2	1	...	...	28	26	13.5	1	45	10.6
Petrolia.....	2684	58	27	31	21.6	46	29	17	4	1	1	...	24	16	17.1	1	25	9.3
Pictou.....	3690	124	72	52	33.6	85	37	48	4	1	...	1	33	46	23.0	5	63	17.1
Point Edward.....	1360	32	16	16	23.5	13	9	4	...	1	...	1	9	2	9.6	1	19	14.0
Port Credit.....	2250	96	51	45	42.7	21	9	12	...	1	...	...	9	11	9.3	1	49	21.8
Port Dalhousie.....	1747	60	36	24	34.3	27	14	13	2	...	...	...	12	13	15.5	3	15	8.6
Port Dover.....	2073	61	28	33	29.4	30	14	16	1	...	1	1	12	15	14.5	1	11	5.3
Port Elgin.....	1276	30	13	17	23.5	17	9	8	...	...	...	...	9	8	13.3	1	11	8.6
Port Perry.....	1275	20	10	10	15.7	21	10	11	...	...	...	...	10	11	16.5	...	15	11.8
Portsmouth.....	2605	31	17	14	11.9	15	6	9	...	1	...	...	6	8	5.8	2	10	3.8
Port Stanley.....	896	22	10	12	24.6	12	3	9	...	2	...	1	3	6	13.4	...	11	12.3
Prescott.....	3318	68	33	35	20.5	57	33	24	2	1	1	...	30	23	17.2	2	44	13.3
Ramy River.....	1200	31	18	13	25.8	21	17	4	2	...	...	...	15	4	17.5	...	10	8.3
Richmond Hill.....	1454	30	15	15	20.6	20	10	10	...	...	...	...	8	10	13.8	1	21	14.4
Ridgetown.....	1948	33	16	17	16.9	27	13	14	...	3	...	...	13	11	13.9	2	19	9.8
Riverside.....	5938	126	60	66	21.2	42	21	21	4	1	1	...	16	20	7.1	5	29	4.9
Rockcliffe Park.....	1412	22	9	13	15.6	12	7	5	2	...	1	1	4	4	8.5	...	5	3.5
Rockland.....	2623	38	17	21	18.8	32	16	16	2	5	...	...	14	11	15.8	2	23	11.4
St. Mary's.....	3643	47	23	24	12.9	54	28	26	1	...	...	...	27	26	14.8	3	18	4.9
Seaford.....	1724	26	15	11	15.1	26	9	17	...	1	...	...	9	16	15.1	1	12	7.0
Shelburne.....	985	19	11	8	19.3	13	9	4	...	...	...	...	9	4	13.2	...	10	10.2
Sioux Lookout.....	1723	37	22	15	21.5	16	11	5	2	...	...	...	9	5	9.3	1	10	5.8
Southampton.....	1596	36	17	19	22.6	15	10	5	2	...	...	...	8	5	9.4	2	7	4.4
Stayner.....	1162	31	16	15	26.7	22	9	13	...	4	...	...	9	9	18.9	...	11	9.5
Stoney Creek.....	1111	39	19	20	35.1	13	6	7	...	...	...	...	6	7	11.7	2	10	9.0
Stouffville.....	1295	20	9	11	15.4	24	13	11	...	...	...	...	13	11	18.5	2	18	13.9
Strathroy.....	3001	57	30	27	19.0	39	18	21	1	1	...	1	17	19	13.0	1	39	13.0
Sturgeon Falls.....	3662	109	60	49	29.8	40	26	14	7	3	3	1	16	10	10.9	9	46	12.6
Sutton.....	894	11	2	9	12.3	17	5	12	...	...	...	...	5	12	19.0	...	8	8.9
Tavistock.....	2082	16	9	7	14.8	16	7	9	...	...	...	...	7	9	14.8	...	10	9.2
Tecumseh.....	1793	42	31	26	1.1	21	11	10	...	...	...	...	11	10	7.5	...	26	9.3
Thessalon.....	1008	29	18	11	28.8	23	11	12	1	4	...	1	10	7	22.8	...	7	6.9
Tilbury.....	1929	42	23	19	21.8	22	15	7	1	1	...	...	14	6	11.4	...	41	21.3
Tillsonburg.....	4172	64	37	27	15.3	64	29	35	2	2	...	1	27	32	15.3	1	47	11.3
Tweed.....	1250	27	15	12	21.6	10	7	3	1	...	1	1	5	2	8.0	...	12	9.6
Uxbridge.....	1439	20	9	11	13.9	28	17	11	1	...	...	...	16	11	19.5	2	18	12.5
Vankleek Hill.....	1497	41	17	24	27.4	28	20	8	2	...	2	...	16	8	18.7	1	27	18.0
Victoria Harbour.....	894	20	8	12	22.4	9	5	4	...	1	...	...	5	3	10.1	1	9	10.1
Walkerton.....	2723	55	19	36	20.2	53	32	21	...	...	...	...	32	21	19.5	2	24	8.8
Wallaceburg.....	5088	139	71	68	27.3	46	31	15	3	1	2	...	26	14	9.0	4	69	13.6
Waterford.....	1375	34	18	16	24.7	20	8	12	...	...	...	1	8	11	14.5	1	12	8.7
Watford.....	938	20	10	10	21.3	15	4	11	...	...	...	...	4	11	16.0	...	13	13.9
Wellington.....	909	20	13	7	22.0	16	9	7	...	...	...	...	9	7	17.6	...	11	12.1
Warton.....	1709	32	20	12	18.7	35	19	16	2	2	...	...	17	14	20.5	2	17	9.9
Winchester.....	959	21	13	8	21.9	24	10	14	1	1	1	...	8	13	25.0	...	11	11.5
Wingham.....	2051	38	16	22	18.5	21	11	10	1	...	1	...	9	10	10.2	1	14	6.8
Woodbridge.....	1109	26	11	15	23.4	11	8	3	...	...	...	...	8	3	9.9	1	3	2.7

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1944 (as at Census 1941)—Continued
Classified by Place of Residence

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Grenville.....	289	14	20	18	23	30	33	22	21	32	22	25	29
Rural.....	150	9	12	7	14	17	19	12	8	20	8	10	14
Urban.....	139	5	8	11	9	13	14	10	13	12	14	15	15
Prescott, t.....	68	2	4	10	5	5	6	4	5	5	11	4	7
Cardinal, vl.....	49	3	1	.....	2	6	2	5	7	7	1	9	6
Kemptville, vl.....	22	.....	3	1	2	2	6	1	1	.....	2	2	2
Grey.....	969	71	75	108	89	103	73	74	75	71	85	73	72
Rural.....	519	38	37	58	43	57	49	33	39	42	43	43	37
Urban.....	450	33	38	50	46	46	24	41	36	29	42	30	35
Owen Sound, c.....	324	21	25	36	31	31	19	34	27	20	30	22	28
Durham, t.....	24	3	3	1	3	1	.....	.....	3	4	4	2	.....
Hanover, t.....	52	6	3	9	7	5	3	5	2	4	5	1	2
Meaford, t.....	50	3	7	4	5	9	2	2	1	1	3	5	5
Haldimand.....	489	51	31	34	38	45	53	49	44	39	40	25	40
Rural.....	304	30	20	28	24	29	27	27	27	26	21	17	28
Urban.....	185	21	11	6	14	16	26	22	17	13	19	8	12
Dunnville, t.....	94	8	3	3	10	13	12	13	9	9	4	6	4
Caledonia, vl.....	33	6	4	1	.....	1	2	3	6	1	5	1	3
Hagersville, vl.....	58	7	4	2	4	2	12	6	2	3	10	1	5
Haliburton.....	133	7	5	13	10	7	15	20	10	12	12	12	10
Rural.....	133	7	5	13	10	7	15	20	10	12	12	12	10
Halton.....	528	40	41	54	46	55	50	42	31	32	48	46	43
Rural.....	216	14	19	16	19	21	27	17	14	14	17	26	12
Urban.....	312	26	22	38	27	34	23	25	17	18	31	20	31
Burlington, t.....	83	4	5	7	7	8	6	9	6	8	8	5	10
Georgetown, t.....	55	6	6	2	2	7	5	6	2	2	5	3	9
Milton, t.....	48	5	3	7	3	2	3	4	2	3	8	5	3
Oakville, t.....	89	8	5	16	11	10	7	4	7	4	6	5	6
Acton, vl.....	37	3	3	6	4	7	2	2	.....	1	4	2	3
Hastings.....	1540	137	112	123	142	152	135	158	109	128	115	110	119
Rural.....	709	62	53	46	64	69	68	68	52	57	55	63	52
Urban.....	831	75	59	77	78	83	67	90	57	71	60	47	67
Belleville, c.....	369	30	22	38	32	44	29	47	27	31	25	22	22
Deseronto, t.....	44	5	3	6	3	.....	1	7	1	7	5	3	3
Trenton, t.....	269	23	22	21	30	28	26	22	13	22	20	14	28
Bancroft, vl.....	28	1	3	3	2	1	1	3	6	.....	4	1	3
Frankford, vl.....	39	7	1	4	1	2	6	4	2	5	1	1	5
Madoc, vl.....	19	2	1	1	2	2	1	3	3	2	.....	2	.....
Marmora, vl.....	36	5	6	4	4	3	.....	.....	3	1	3	3	4
Tweed, vl.....	27	2	1	.....	4	3	3	4	2	3	2	1	2
Huron.....	787	72	57	65	75	57	74	68	67	65	58	64	65
Rural.....	499	37	43	45	42	40	52	45	34	43	36	40	42
Urban.....	288	35	14	20	33	17	22	23	33	22	22	24	23
Clinton, t.....	54	5	4	9	8	2	6	3	8	4	1	1	3
Goderich, t.....	120	14	10	7	12	9	7	12	5	5	11	13	11
Seaforth, t.....	26	2	.....	.....	5	3	3	3	5	2	1	2	.....
Wingham, t.....	38	7	.....	.....	4	2	3	3	2	6	5	3	3
Exeter, vl.....	50	7	.....	.....	4	1	3	2	9	5	4	5	6
Kenora.....	475	42	44	46	44	36	42	45	33	40	42	29	32
Rural.....	200	20	23	21	17	11	16	18	12	19	15	10	18
Urban.....	275	22	21	25	27	25	26	27	21	21	27	19	14
Dryden, t.....	68	3	7	4	8	10	4	7	6	8	6	3	2
KeeWatIn, t.....	24	1	2	2	1	1	6	2	1	1	4	1	2
Kenora, t.....	146	14	12	15	15	10	13	17	13	8	14	10	5
Sioux Lookout, t.....	37	4	.....	.....	3	4	3	1	1	4	3	5	5
Kent.....	1377	118	100	119	117	125	126	110	120	107	108	123	104
Rural.....	724	59	53	66	60	63	65	66	63	59	65	48	57
Urban.....	653	59	47	53	57	62	61	44	57	48	43	75	47
Chatham, c.....	362	38	31	27	35	32	27	20	31	29	27	39	26
Blenheim, t.....	41	5	4	5	3	5	5	.....	1	2	1	8	2
Dresden, t.....	36	1	1	4	4	6	7	3	2	1	2	2	3
Ridgetown, t.....	33	4	2	5	1	4	.....	1	3	2	5	4	2
Tilbury, t.....	42	2	2	4	1	3	7	5	5	5	3	2	3
Wallaceburg, t.....	139	9	7	8	13	12	15	15	15	9	5	20	11
Lambton.....	1250	102	91	94	123	126	106	99	116	97	96	100	100
Rural.....	643	55	45	43	67	69	47	42	74	40	50	55	56
Urban.....	607	47	46	51	56	57	59	57	42	57	46	45	44
Sarnia, c.....	465	40	33	37	45	44	45	40	32	43	35	39	32
Forest, t.....	32	2	2	4	3	1	4	4	3	5	1	.....	3
Petrolia, t.....	58	2	4	8	4	5	5	8	2	6	3	3	8
Point Edward, vl.....	32	3	3	1	2	5	4	3	2	2	5	1	1
Watford, vl.....	20	.....	4	1	2	2	1	2	3	1	2	2	.....
Lanark.....	639	53	44	59	50	48	70	64	47	48	52	52	52
Rural.....	252	19	21	27	22	20	23	23	20	13	25	17	22
Urban.....	387	34	23	32	28	28	47	41	27	35	27	35	30
Almonte, t.....	40	3	1	.....	3	3	5	4	4	3	2	7	5
Carleton Place, t.....	81	8	9	4	9	6	11	7	3	4	8	9	3
Perth, t.....	85	8	2	8	5	3	8	13	4	10	7	7	10
Smiths Falls, t.....	181	15	11	20	11	16	23	17	16	18	10	12	12
Leeds.....	735	39	49	89	58	56	70	77	54	63	55	66	59
Rural.....	372	17	26	44	29	30	34	40	30	36	28	33	25
Urban.....	363	22	23	45	29	26	36	37	24	27	27	33	34
Brockville, t.....	271	20	13	36	21	19	26	29	17	19	20	25	26
Gananoque, t.....	92	2	10	9	8	7	10	8	7	8	7	8	8

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1944 (as at Census 1941)—Continued
Classified by Place of Residence

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lennox.....	254	10	10	22	19	31	19	28	17	16	20	15	15
Rural.....	155	10	14	11	13	23	12	17	12	12	13	8	10
Urban.....	79	6	2	11	6	8	7	11	5	4	7	7	5
Napanee, t.....	79	6	2	11	6	8	7	11	5	4	7	7	5
Lincoln.....	1524	134	124	151	111	136	127	133	120	120	114	139	115
Rural.....	475	44	44	54	37	45	36	33	38	34	33	39	38
Urban.....	1049	90	80	97	74	91	91	100	82	86	81	100	77
St. Catharines, c.....	790	66	62	78	61	72	66	80	63	62	55	75	50
Grimsby, t.....	44	2	5	5	1	6	4	2	5	7	4	2	1
Merriton, t.....	84	9	7	2	6	9	5	5	5	7	10	10	9
Niagara, t.....	38	3	1	3	1	5	3	1	2	6	4	8	8
Beamsville, vl.....	33	3	1	4	4	2	5	1	2	2	3	2	4
Port Dalhousie, vl.....	60	7	4	5	1	1	6	9	6	6	3	7	5
Manitoulin.....	236	24	15	22	24	24	19	11	28	15	20	20	14
Rural.....	215	20	15	20	21	19	16	10	27	15	19	19	14
Urban.....	21	4	.....	2	3	5	3	1	1	.....	1	1	.....
Little Current, t.....	21	4	.....	2	3	5	3	1	1	.....	1	1	.....
Middlesex.....	2505	211	198	237	220	202	192	202	200	199	193	220	231
Rural.....	713	64	62	72	57	45	63	60	46	63	50	58	73
Urban.....	1792	147	136	165	163	157	129	142	154	136	143	162	158
London, c.....	1735	141	128	162	161	151	127	137	151	134	131	160	152
Strathroy, t.....	57	6	8	3	2	6	2	5	3	2	12	2	6
Muskoka.....	431	30	32	31	47	40	36	44	29	34	36	25	47
Rural.....	221	11	15	21	25	22	13	28	14	20	18	16	18
Urban.....	210	19	17	10	22	18	23	16	15	14	18	9	29
Bracebridge, t.....	61	5	6	4	7	3	5	5	2	7	7	3	7
Gravenhurst, t.....	69	8	5	4	6	7	8	6	6	3	4	2	10
Huntsville, t.....	80	6	6	2	9	8	10	5	7	4	7	4	12
Nipissing.....	1137	74	99	106	108	110	101	101	81	87	85	96	89
Rural.....	530	40	44	50	51	60	44	49	35	44	42	39	32
Urban.....	607	34	55	56	57	50	57	52	46	43	43	57	57
North Bay, c.....	385	22	42	31	38	28	34	25	35	31	24	42	33
Cache Bay, t.....	28	1	2	3	2	3	3	4	1	.....	2	1	6
Mattawa, t.....	85	6	3	11	8	10	6	12	5	5	7	5	7
Sturgeon Falls, t.....	109	5	8	11	9	9	14	11	5	7	10	9	11
Norfolk.....	751	69	63	49	75	57	73	71	63	49	60	52	70
Rural.....	455	44	39	33	47	32	50	47	37	32	32	29	33
Urban.....	296	25	24	16	28	25	23	24	26	17	28	23	37
Simcoe, t.....	163	11	14	8	15	17	12	16	12	5	18	11	24
Delhi, vl.....	38	4	3	5	4	3	1	3	3	2	2	4	4
Port Dover, vl.....	61	6	6	1	5	4	6	1	8	6	7	5	6
Waterford, vl.....	34	4	1	2	4	1	4	4	3	4	1	3	3
Northumberland.....	490	33	40	41	36	48	58	46	45	33	43	32	35
Rural.....	311	23	22	24	23	36	36	30	27	21	26	18	25
Urban.....	179	10	18	17	13	12	22	16	18	12	17	14	10
Campbellford, t.....	38	3	2	1	2	2	5	4	7	3	4	3	2
Cobourg, t.....	105	6	9	12	10	8	12	9	9	7	11	6	6
Brighton, vl.....	36	1	7	4	1	2	5	3	2	2	2	5	2
Ontario.....	1283	86	111	112	117	97	112	117	118	98	89	93	133
Rural.....	565	27	48	45	36	54	57	45	53	53	38	39	70
Urban.....	718	59	63	67	81	43	55	72	65	45	51	54	63
Oshawa, c.....	579	49	51	56	68	32	47	54	46	37	40	46	53
Uxbridge, t.....	20	2	2	4	.....	3	2	3	.....	1	2	1	.....
Whitby, t.....	99	7	10	7	10	5	4	11	14	8	9	6	8
Port Perry, vl.....	20	1	.....	.....	3	2	4	5	.....	1	.....	1	.....
Oxford.....	957	77	82	72	95	89	93	78	91	53	73	62	92
Rural.....	502	34	40	35	51	48	54	46	46	29	41	36	42
Urban.....	455	43	42	37	44	41	39	32	45	24	32	26	50
Woodstock, c.....	236	27	26	17	18	22	20	13	23	14	13	15	28
Ingersoll, t.....	113	12	7	8	12	10	12	12	13	5	6	6	10
Tillsonburg, t.....	64	2	7	7	8	5	2	6	7	2	8	2	8
Norwich, vl.....	26	2	2	2	3	3	5	.....	1	2	2	2	2
Tavistock, vl.....	16	.....	.....	.....	3	1	.....	1	1	1	3	1	2
Parry Sound.....	629	50	52	59	58	51	66	50	46	45	42	38	72
Rural.....	524	37	43	48	53	43	56	40	37	35	34	35	63
Urban.....	105	13	9	11	5	8	10	10	9	10	8	3	9
Parry Sound, t.....	105	13	9	11	5	8	10	10	9	10	8	3	9
Peel.....	657	45	47	71	51	55	55	65	69	47	57	48	47
Rural.....	438	28	36	48	30	31	37	38	52	38	38	28	34
Urban.....	219	17	11	23	21	24	18	27	17	9	19	20	13
Brampton, t.....	123	11	4	14	16	17	15	9	9	4	9	10	5
Port Credit, vl.....	96	6	7	9	5	7	3	18	8	5	10	8	.....
Perth.....	852	58	67	67	70	63	81	67	84	74	75	60	86
Rural.....	405	29	32	31	35	29	35	29	44	32	35	30	44
Urban.....	447	29	35	36	35	34	46	38	40	42	40	30	42
Stratford, c.....	314	21	26	28	22	23	32	33	25	28	23	22	31
Listowel, t.....	51	2	3	3	8	4	7	2	7	6	4	2	3
Mitchell, t.....	17	.....	3	1	3	2	2	1	.....	.....	2	2	1
St. Mary's, t.....	47	5	3	2	2	3	5	1	5	4	10	4	3
Milverton, vl.....	18	1	2	.....	.....	.....	.....	.....	3	4	.....	.....	4
Peterborough.....	1143	85	77	117	86	96	109	101	99	92	97	99	85
Rural.....	403	21	32	37	29	29	37	45	45	25	38	35	30
Urban.....	740	64	45	80	57	67	72	56	54	67	59	64	55
Peterborough, c.....	682	55	44	74	54	61	65	53	51	59	55	57	54
Havelock, vl.....	25	7	.....	2	.....	3	2	3	.....	4	2	1	1
Lakefield, vl.....	33	2	1	4	3	3	5	.....	3	4	2	6	.....

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1944 (as at Census 1941)—Continued Classified by Place of Residence

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prescott.....	737	52	56	59	70	67	62	84	63	57	57	59	51
Rural.....	444	28	31	39	47	42	33	55	38	32	38	33	28
Urban.....	293	24	25	20	23	25	29	29	25	25	19	26	23
Hawkesbury, t.....	225	20	23	15	18	19	17	26	20	20	14	19	14
Vankleek Hill, t.....	41	2	1	2	5	5	3	3	3	5	4	2	6
L'Orignal, vl.....	27	2	1	3	.....	1	9	.....	2	.....	1	5	3
Prince Edward.....	340	32	25	31	24	21	26	40	29	28	32	24	28
Rural.....	196	9	14	20	10	15	18	23	18	13	23	15	18
Urban.....	144	23	11	11	14	6	8	17	11	15	9	9	10
Picton, t.....	124	21	10	11	11	5	8	15	9	9	8	8	9
Wellington, vl.....	20	2	1	.....	3	1	.....	2	2	6	1	1	1
Rainy River.....	417	35	32	43	27	44	31	38	28	35	32	39	33
Rural.....	252	21	22	22	18	29	17	23	16	19	20	24	21
Urban.....	165	14	10	21	9	15	14	15	12	16	12	15	12
Fort Frances, t.....	134	11	7	17	8	13	11	14	10	12	8	12	11
Rainy River, t.....	31	3	3	4	1	2	3	1	2	4	4	3	1
Renfrew.....	1230	88	102	93	90	120	109	108	120	106	96	107	91
Rural.....	663	40	49	50	44	76	66	55	70	61	52	54	46
Urban.....	567	48	53	43	46	44	43	53	50	45	44	53	45
Arnprior, t.....	80	6	14	10	6	5	1	5	1	4	6	11	11
Pembroke, t.....	303	24	24	23	24	28	22	32	29	26	28	23	20
Renfrew, t.....	121	12	10	3	11	6	16	12	16	8	9	10	8
Barry's Bay, vl.....	31	3	4	6	1	3	4	1	1	3	.....	2	3
Eganville, vl.....	32	3	1	1	4	2	.....	3	3	4	1	7	3
Russell.....	488	33	25	51	42	46	33	50	46	37	36	40	49
Rural.....	413	24	22	46	37	37	28	42	40	28	27	33	49
Urban.....	75	9	3	5	5	9	5	8	6	9	9	7	.....
Rockland, t.....	38	4	2	2	4	5	1	5	3	3	5	4	.....
Casselman, vl.....	37	5	1	3	1	4	4	3	3	6	4	3	.....
Simcoe.....	1904	160	156	162	146	176	174	172	153	154	162	155	134
Rural.....	783	62	73	60	60	71	69	86	61	58	69	66	48
Urban.....	1121	98	83	102	86	105	105	86	92	96	93	89	86
Alliston, t.....	47	7	5	4	4	4	4	1	4	5	5	1	3
Barrie, t.....	331	26	19	26	26	36	29	22	33	33	28	30	23
Collingwood, t.....	156	11	16	15	14	11	18	15	8	8	13	13	14
Midland, t.....	153	13	15	12	14	15	6	7	12	20	13	12	14
Orillia, t.....	240	19	17	21	16	20	26	23	22	20	19	20	17
Penetanguishene, t.....	127	14	8	19	4	13	14	14	6	7	7	9	12
Stayner, t.....	31	3	2	4	4	4	2	3	2	1	4	1	1
Bradford, vl.....	16	1	.....	.....	3	.....	4	1	1	1	2	2	1
Victoria Harbour, vl.....	20	4	1	1	1	2	2	.....	4	1	2	1	1
Stormont.....	1033	93	73	103	89	64	81	98	87	84	84	76	101
Rural.....	507	44	39	43	44	33	38	55	48	32	38	40	53
Urban.....	526	49	34	60	45	31	43	43	39	52	46	36	48
Cornwall, t.....	526	49	34	60	45	31	43	43	39	52	46	36	48
Sudbury.....	2626	214	203	240	253	232	245	216	213	190	222	178	220
Rural.....	1167	91	79	101	95	111	118	102	107	79	107	82	95
Urban.....	1459	123	124	139	158	121	127	114	106	111	115	96	125
Sudbury, c.....	1282	105	109	124	142	104	112	99	95	102	98	77	115
Capreol, t.....	37	5	2	3	4	3	3	2	3	2	3	3	4
Coniston, t.....	54	4	4	3	3	6	8	5	5	1	7	5	3
Coppercliff, t.....	86	9	9	9	9	8	4	8	3	6	7	11	3
Thunder Bay.....	1684	124	139	134	157	144	150	138	136	137	161	125	139
Rural.....	404	30	43	30	37	31	31	21	29	44	36	36	36
Urban.....	1280	94	96	104	120	113	119	117	107	93	125	89	103
Fort William, c.....	653	47	51	46	67	57	63	67	42	43	64	53	53
Port Arthur, c.....	538	38	41	50	43	47	48	47	54	44	59	26	41
Geraldton, t.....	89	9	4	8	10	9	8	3	11	6	2	10	9
Timiskiming.....	1056	79	89	78	100	96	93	82	85	92	85	83	94
Rural.....	795	64	63	56	66	69	71	60	70	81	62	59	74
Urban.....	261	15	26	22	34	27	22	22	15	11	23	24	20
Cobalt, t.....	61	5	3	7	9	5	3	7	2	6	5	4	5
Englehart, t.....	33	2	6	.....	3	3	2	2	.....	.....	8	4	3
Haileybury, t.....	45	2	5	3	4	7	5	2	4	2	4	5	2
Larder Lake, t.....	37	3	4	3	5	3	4	2	3	.....	2	4	4
New Liskeard, t.....	85	3	8	9	13	9	8	9	6	3	4	7	6
Victoria.....	473	35	41	48	49	53	37	40	35	38	39	27	31
Rural.....	249	19	22	22	30	29	16	19	15	19	22	16	20
Urban.....	224	16	19	26	19	24	21	21	20	19	17	11	11
Lindsay, t.....	183	14	15	21	17	20	15	19	18	13	13	7	11
Bobcaygeon, vl.....	23	2	2	2	1	4	4	2	2	1	3	2	.....
Fenelon Falls, vl.....	18	2	2	3	1	.....	2	.....	.....	5	1	2	.....
Waterloo.....	1983	160	156	188	159	178	164	163	143	158	166	177	171
Rural.....	512	38	34	50	50	45	42	34	40	45	40	53	41
Urban.....	1471	122	122	138	109	133	122	129	103	113	126	124	130
Galt, c.....	342	26	33	32	32	31	24	35	25	25	29	23	27
Kitchener, c.....	659	54	54	58	39	58	59	54	52	47	55	67	62
Elmira, t.....	41	4	1	3	5	3	8	4	3	3	2	1	4
Hespeler, t.....	52	5	6	5	7	7	4	1	2	7	1	4	3
Preston, t.....	131	14	12	13	10	9	6	16	8	13	9	6	15
Waterloo, t.....	214	16	12	22	12	23	20	15	11	15	30	21	17
New Hamburg, vl.....	32	3	4	5	4	2	1	4	2	3	.....	2	2

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1944 (as at Census 1941)—Continued

Classified by Place of Residence

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Welland.....	2297	181	189	197	171	213	231	207	173	198	187	167	183
Rural.....	785	59	61	69	59	81	89	69	44	61	63	70	60
Urban.....	1512	122	128	128	112	132	142	138	129	137	124	97	123
Niagara Falls, c.....	533	43	46	44	40	36	42	71	40	44	55	26	46
Welland, c.....	369	26	29	33	24	43	39	26	34	37	28	20	30
Fort Erie, t.....	207	13	22	13	13	22	28	16	18	22	14	15	11
Port Colborne, t.....	146	18	9	11	14	11	16	9	10	12	10	12	14
Thorold, t.....	131	15	11	15	10	14	9	4	13	8	8	11	13
Chippawa, vl.....	36	.....	6	3	3	.....	4	6	3	3	3	3	2
Fonthill, vl.....	25	1	1	5	3	3	2	3	1	2	1	.....	3
Humberstone, vl.....	65	6	4	4	5	3	2	3	10	c	5	10	4
Wellington.....	1091	69	74	106	107	103	115	92	76	80	92	90	87
Rural.....	453	29	24	40	39	44	55	45	35	27	35	42	38
Urban.....	638	40	50	66	68	59	60	47	41	53	57	48	49
Guelph, c.....	466	35	38	47	46	38	50	30	24	44	43	35	36
Harriston, t.....	26	1	1	2	4	4	2	3	3	.....	4	1	1
Mount Forest, t.....	36	2	3	3	5	2	3	3	5	2	4	.....	4
Palmerston, t.....	25	.....	.....	4	2	4	2	1	4	1	1	1	4
Elora, vl.....	25	.....	6	4	2	1	1	4	1	2	1	.....	3
Fergus, vl.....	60	2	2	6	9	10	2	6	4	4	4	8	3
Wentworth.....	4417	383	328	399	383	407	407	380	357	320	342	333	378
Rural.....	577	54	39	52	47	56	39	57	51	42	41	45	54
Urban.....	3840	329	289	347	336	351	368	323	306	278	301	288	324
Hamilton, c.....	3676	317	277	331	323	336	358	305	291	271	290	277	300
Dundas, t.....	125	10	11	12	7	14	6	14	12	5	9	10	15
Stoney Creek, vl.....	39	2	1	4	6	1	4	4	3	2	2	1	9
York.....	16584	1374	1329	1497	1338	1547	1503	1441	1298	1344	1347	1190	1376
Rural.....	3932	346	299	393	337	392	330	317	294	329	306	279	310
Urban.....	12652	1028	1030	1104	1001	1155	1173	1124	1004	1015	1041	911	1066
Toronto, c.....	11336	905	914	991	906	1048	1040	1015	909	966	916	826	960
Aurora, t.....	55	5	3	1	5	8	6	3	7	7	5	4	1
Leaside, t.....	175	12	14	13	15	12	16	18	16	13	21	12	13
Mimico, t.....	183	13	17	9	18	17	18	12	13	17	21	12	16
Newmarket, t.....	92	8	9	13	6	3	8	13	3	4	10	3	12
New Toronto, t.....	142	13	13	14	8	8	19	13	7	16	10	8	13
Weston, t.....	137	11	16	15	8	13	17	4	11	9	14	9	10
Forest Hill, vl.....	183	20	18	15	12	21	14	9	7	18	18	15	16
Long Branch, vl.....	153	16	14	14	11	8	16	13	16	10	14	11	10
Markham, vl.....	27	.....	1	4	4	1	1	4	4	3	.....	3	2
Richmond Hill, vl.....	30	3	1	2	1	5	3	3	4	1	2	3	2
Stouffville, vl.....	20	5	1	1	3	1	1	2	.....	2	2	1	1
Sutton, vl.....	11	2	2	1	.....	.....	3	3	.....	.....	.....	.....	.....
Swansea, vl.....	82	12	4	7	1	10	6	12	7	6	7	3	7
Woodbridge, vl.....	26	3	3	4	3	.....	5	.....	.....	3	1	1	3
District of Patricia.....	98	6	10	8	7	5	0	16	10	6	8	9	4

Table 7—Total Live Births and Live Births in Institutions, Showing the Number of Mothers Non-resident in the Province of Ontario, 1944

Place of occurrence	ALL LIVE BIRTHS					BIRTHS IN INSTITUTIONS					Place of Residence	
	Mothers' residence elsewhere		Births to resident mothers occurring elsewhere		Place of Residence	Mothers' residence elsewhere		Births to resident mothers occurring elsewhere		Place of Residence		
	In Canada	In United States	In Canada	In United States		In Canada	In United States	In Canada	In United States			
Total for the Province.....	78,468	848	117	514	73	78,090	62,397	793	110	469	68	62,031

Table 8—Births (exclusive of Stillbirths) to Resident and Non-Resident Mothers, and Births in Institutions, in the Cities, Towns, and Villages of Ontario of 5,000 Population and over, 1944.

(As at Census 1941)

Cities, Towns and Villages	ALL LIVE BIRTHS					BIRTHS IN INSTITUTIONS						
	Place of occurrence	Mothers' residence elsewhere		Births to resident mothers occurring elsewhere		Place of Residence	Place of occurrence	Mothers' residence elsewhere		Births to resident mothers occurring elsewhere		Place of Residence
		In Canada	In United States	In Canada	In United States			In Canada	In United States	In Canada	In United States	
Cities:												
Belleville	991	641	19	369	979	641	18	356				
Brantford	933	212	36	757	913	212	34	735				
Chatham	1,111	764	6	362	1,087	762	6	339				
Fort William	693	149	1	110	653	676	109	635				
Galt	459	141	24	342	429	140	22	311				
Guelph	351	143	1	257	466	335	142	450				
Hamilton	4,721	1,128	4	86	3,676	4,574	1,125	3,518				
Kingston	1,427	570	4	22	875	1,399	566	848				
Kitchener	1,285	644	18	659	1,248	642	15	621				
London	2,412	723	3	48	1,735	2,369	719	1,691				
Niagara Falls	714	214	2	33	533	707	213	524				
North Bay	546	182	21	385	484	177	19	326				
Oshawa	836	291	34	579	803	290	32	545				
Ottawa	4,677	1,342	5	159	3,492	4,403	1,333	3,208				
Owen Sound	536	226	1	15	324	499	215	296				
Peterborough	1,094	436	1	25	682	1,069	434	653				
Port Arthur	775	258	18	538	773	255	18	536				
St. Catharines	1,220	469	2	39	790	1,188	467	755				
St. Thomas	733	368	16	1	382	723	367	373				
Sarnia	722	282	4	26	3	465	709	450				
Sault Ste. Marie	866	167	2	23	6	726	773	639				
Stratford	581	284	17	314	574	283	16	367				
Sudbury	1,663	447	66	1,282	717	277	47	487				
Toronto	14,770	4,214	22	797	5	11,336	13,932	10,474				
Welland	816	469	3	22	3	369	769	323				
Windsor	3,299	921	28	66	10	2,426	3,114	2,237				
Woodstock	370	150	16	236	366	150	13	229				
Towns:												
Barrie	533	232	1	30	1	331	521	228	27	1	320	
Brampton	355	241	2	11	123	353	241	2	10	120		
Brockville	529	276	18	271	527	275	12	264				
Cobourg	203	103	1	6	105	187	103	1	5	88		
Collingwood	275	128	9	156	244	120	7	131				
Cornwall	813	303	2	17	1	526	736	300	2	13	448	
Dundas	6	2	121	125	1	1	1	121				
Eastview	98	2	177	273	175	175	175					
Fort Erie	265	76	3	15	6	207	261	76	3	12	6	
Fort Frances	216	79	6	2	1	134	191	74	6	2	114	
Hawkesbury	333	118	10	225	186	106	5	85				
Ingersoll	184	81	10	113	172	81	10	101				
Kenora	226	87	1	8	146	222	87	1	6	140		
Leamington	263	126	7	144	192	98	6	100				
Leaside	4	1	171	175	171	1	172					
Lindsay	395	224	12	183	384	224	8	168				
Midland	264	127	16	153	238	123	15	130				
Mimico	58	29	154	183	41	28	154	167				
New Toronto	24	1	119	142	1	1	119	119				
Orillia	413	191	1	19	240	394	190	1	18	221		
Pary Sound	292	195	8	105	277	193	7	91				
Pembroke	591	300	12	303	536	293	9	252				
Port Colborne	107	32	70	146	1	1	69	1	70			
Port Hope	156	52	9	131	151	51	9	109				
Preston	8	123	131	131	122	122	122					
Renfrew	271	161	11	121	254	160	10	104				
Simcoe	440	284	7	163	437	284	6	159				
Smiths Falls	281	105	5	181	271	105	4	170				
Thorold	63	27	95	131	53	27	95	121				
Timmins	742	85	26	683	432	68	25	389				
Trenton	68	6	207	269	1	1	205	205				
Waterloo	22	1	193	214	1	193	193	194				
Weston	239	193	1	92	137	232	193	1	91	129		
Whitby	31	8	76	99	17	7	73	83				
Villages:												
Forest Hill	4	1	180	183	180	180	180					
Long Branch	24	129	153	129	129	129	129					
Swansea	5	77	82	77	77	77	77					

Table 9—Births (exclusive of Stillbirths) Classified as Legitimate or Illegitimate and as Single or Plural by Sex, for Cities, Towns, and Villages of 5,000 Population and over, 1914 (as at Census 1911)

Classified by Place of Residence

Province, Cities, Towns, and Villages	Total births			Legitimate			Illegitimate			Single births			Twin births			Triplets		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total
Total for the Province.....	40455	37635	78090	38500	35826	74326	1955	1809	3764	39660	36829	76489	787	799	793	8	7	5
Barrie.....	182	149	331	173	147	320	9	2	11	179	146	325	3	3	3			
Belleville.....	187	182	369	180	171	351	7	11	18	184	177	361	3	5	3			
Brampton.....	54	69	123	53	67	120	1	2	3	52	69	121	0	3	1			
Brantford.....	402	355	757	386	335	721	16	20	36	395	352	747	2	3	9			
Brockville.....	149	122	271	143	112	255	6	10	16	148	150	298	4	2	9			
Chatham.....	171	191	362	157	182	339	14	9	23	168	169	338	3	1	2			
Cobourg.....	56	49	105	49	46	95	7	3	10	56	79	135	3	3	3			
Collingswood.....	74	82	156	72	77	151	2	3	5	75	79	154	4	3	5			
Cornwall.....	279	247	526	273	237	510	6	10	16	275	241	516	4	3	3			
Dundas.....	72	53	125	71	52	123	1	1	2	67	58	125	2	2	2			
Eastview.....	100	83	183	99	80	179	1	3	4	97	83	180	3	1	1			
Forest Hill.....	98	109	207	93	100	193	5	3	14	67	108	175	1	2	1			
Fort Erie.....	72	62	134	69	61	130	3	1	4	69	69	138	5	6	7			1
Fort Frances.....	324	329	653	304	319	623	29	10	39	392	320	639	4	2	3			
Fort William.....	186	156	342	174	148	322	12	17	29	192	154	346	4	3	6			
Galt.....	248	218	466	239	208	447	10	10	20	236	215	451	6	3	6			
Hamilton.....	1,886	1,790	3,676	1,781	1,602	3,443	105	128	233	1,831	1,710	3,542	45	39	42			
Hawkesbury.....	111	114	225	108	113	221	3	1	4	109	100	211	2	4	3			
Ingersoll.....	57	56	113	54	52	106	3	2	6	57	57	114	1	2	1			
Kenora.....	67	146	213	65	140	205	2	2	4	77	67	144	1	1	1			
Kingston.....	455	420	875	418	392	810	37	28	65	445	415	860	7	6	5			1
Kitchener.....	371	372	743	370	362	732	11	15	26	343	306	649	4	2	6			
Leamington.....	85	71	156	80	69	149	3	2	5	72	70	142	1	1	1			
Leaside.....	98	88	186	85	81	174	3	2	5	83	88	171	2	2	2			
Lindsay.....	97	88	185	88	81	174	3	2	5	95	82	177	2	2	3			
London.....	816	785	1,601	803	766	1,569	60	7	13	903	806	1,709	19	10	13			
Long Branch.....	78	75	153	76	71	147	4	4	8	76	75	151	2	2	1			
Midland.....	83	97	180	82	94	176	7	4	11	81	81	162	1	1	1			
Nimico.....	79	69	148	76	64	140	4	3	7	73	67	140	2	2	2			
New Toronto.....	263	250	513	271	239	510	13	11	24	272	241	513	11	9	10			
Niagara Falls.....	281	350	631	178	180	358	13	14	27	187	186	373	4	8	6			
North Bay.....	135	104	239	131	99	230	11	17	27	131	103	234	4	2	3			
Oroville.....	316	263	579	302	250	552	14	12	27	314	263	577	2	2	1			
Oshawa.....	1,790	1,698	3,488	1,690	1,610	3,306	100	80	186	1,769	1,657	3,426	27	39	33			
Ottawa.....	161	166	327	152	152	304	9	11	20	158	156	314	2	2	2			
Owen Sound.....	139	135	274	137	127	264	4	7	11	54	41	95	1	2	3			
Parry Sound.....	149	154	303	137	147	284	12	7	19	148	149	297	1	5	3			
Peterborough.....	364	318	682	353	310	663	11	8	19	359	309	668	5	7	9			
Port Arthur.....	297	251	548	273	235	508	14	16	30	276	244	520	11	9	7			
Port Colborne.....	126	70	196	126	66	192	4	4	8	74	68	142	2	2	2			
Port Hope.....	53	60	113	51	58	109	2	2	4	53	60	113	1	1	1			

Preston	601	71	131	59	68	127	1	3	4	60	71	131	1	3	2
Renfrew	72	49	121	68	45	113	4	4	8	71	46	117	1	3	2
St. Catharines	404	386	700	380	359	739	24	27	51	403	383	786	1	3	2
St. Thomas	194	188	382	184	174	358	10	14	24	191	187	378	3	1	2
Sarnia	235	230	465	210	222	432	25	8	33	231	226	457	4	4	4
Sault Ste. Marie	381	345	726	358	321	679	23	24	47	376	338	714	5	7	6
Simcoe	84	75	163	76	77	153	8	2	10	84	77	161	2	1	1
Smiths Falls	82	99	181	79	94	173	3	5	8	75	96	171	7	3	5
Stratford	153	161	314	147	151	298	6	10	16	149	161	310	4	2	2
Sudbury	653	629	1,282	622	609	1,231	31	20	51	641	613	1,254	12	16	14
Swansea	32	50	82	32	50	82	.....	.....	.....	31	49	80	1	1	1
Thorold	71	60	131	69	57	126	2	3	5	71	60	131	1	1	1
Timmins	331	352	683	312	340	652	19	12	31	320	343	663	11	9	10
Toronto	5,899	5,437	11,336	5,491	5,064	10,555	408	373	781	5,799	5,327	11,126	100	110	105
Trenton	154	115	269	151	109	260	3	6	9	154	115	269	.....	.....	.....
Waterloo	113	101	214	110	99	209	3	2	5	109	97	206	4	4	4
Welland	197	172	369	190	162	352	7	10	17	195	168	363	2	4	3
Weston	77	60	137	74	56	130	3	4	7	74	57	131	3	3	3
Whitby	53	46	99	47	41	88	6	5	11	49	44	93	4	4	2
Windsor	1,244	1,182	2,426	1,178	1,140	2,318	66	42	108	1,210	1,153	2,372	25	29	27
Woodstock	124	112	236	116	106	222	8	6	14	122	108	230	2	4	3

according to Ages of Parents, Ontario, 1944

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
3		1		1																		1
2	3	1	1		1	2	2															1
13	5						1															1
14	8	2	1	2	2	1	2															1
26	14	4	4	3	2			1														1
49	44	12	11	4	7	7	4		2													2
76	58	26	17	14	5	8	4	3	1	1												1
135	92	42	40	12	16	4	7	8	3	3	2											1
253	146	110	54	40	21	11	15	8	3	3	1	1										1
416	243	156	76	46	41	17	21	7	5	3	1	1										1
444	378	238	149	70	55	40	20	6	8	6	2	1	1									1
419	451	323	206	109	79	41	35	23	7	4	2	2	2									1
428	379	362	302	167	111	61	36	29	26	5	2	2	2									1
351	380	364	354	291	178	99	62	33	25	15	7	1	1									1
326	332	325	308	309	245	143	87	58	42	21	8	6	4									1
249	261	285	287	307	288	250	115	72	47	19	13	10	8									2
210	220	227	269	274	281	229	211	104	75	26	21	15	2									2
152	193	194	241	235	241	222	210	154	87	61	24	9	5									1
148	143	158	192	198	220	207	195	168	149	58	41	24	5									2
128	114	130	137	168	183	161	186	150	134	107	54	28	15									2
84	107	100	118	149	144	148	139	129	135	116	81	35	19									1
49	77	87	89	104	119	120	139	125	123	98	75	57	22									1
44	47	69	70	86	98	101	109	116	128	99	80	66	37									1
38	57	53	64	80	81	64	85	113	101	88	83	57	40									1
30	37	34	44	71	63	68	69	92	95	114	81	55	44									1
22	20	24	42	33	52	48	56	42	63	63	75	48	37									1
14	17	26	27	40	29	34	47	41	43	36	50	50	42									1
8	17	16	19	21	24	22	42	44	42	35	46	27	26									1
11	8	11	14	22	21	18	21	22	39	25	38	28	23									1
6	6	6	6	11	16	17	13	14	18	31	40	36	16									1
2	11	2	6	13	9	15	13	20	21	29	27	16	9									1
5	3	7	3	7	8	7	11	8	7	18	11	9	7									1
3	4	7	4	12	7	9	10	14	12	21	14	13	20									1
5	6	7	7	12	8	6	6	6	11	11	7	12	9									1
2	2	4	2	5	5	6	5	2	8	5	8	5	10									1
2	2	2	3	2	5	6	6	7	7	7	8	4	3									1
1	3	5	5	3	2	2	5	4	3	3	6	4	2									1
2	2	1	2	2	2	2	2	2	3	3	1	1	1									1
1	3	1	1	1	4	2	1	1	3	1	4	1	2									1
4	3	1	1	1	1	1	1	1	1	1	1	1	1									1
2	1	1	1	2	2	2	1	1	2	3	2	2	4									1
1	1	1	1	2	1	1	1	1	1	1	1	1	1									1
1	1	1	1	1	1	1	1	1	1	1	1	1	1									1
1	1	1	1	1	1	1	1	1	1	1	1	1	1									1
4175	3922	3437	3196	2943	2685	2221	1994	1651	1508	1164	909	615	449	289	193	91	47	18	7	2	4	59
2167	2037	1825	1638	1530	1411	1129	1016	850	799	606	475	313	225	151	91	46	28	10	5	2	1	32
2008	1885	1612	1558	1413	1274	1092	978	801	709	558	434	302	224	138	102	45	19	8	2	2	3	27
99	82	74	63	56	73	45	38	32	27	23	20	14	3	5	3	2	2	1	...	...	...	22
53	45	37	29	41	39	25	22	16	16	10	11	8	3	2	2	2	2	...	...	...	...	16
46	37	37	34	15	34	20	16	16	11	13	9	6	3	2	1	...	...	1	...	...	...	6
4274	4004	3511	3259	2999	2758	2266	2032	1683	1535	1187	929	629	452	294	196	93	49	19	7	2	4	81
2220	2082	1862	1667	1571	1450	1154	1038	866	815	616	486	321	225	154	93	48	30	10	5	2	1	48
2054	1922	1649	1592	1428	1308	1112	994	817	720	571	443	308	227	140	103	45	19	9	2	2	3	33

Other races.....	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
------------------	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------

*Including all Ruthenian Russians.

Table 12—Legitimate Births (exclusive of Stillbirths) Classified

Racial Origin of Mother	Total	AGE OF															
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
British.....	49,059		26	112	368	894	1488	2021	2322	2846	3170	3233	2792	2819	2890	2942	
English.....	26,581		17	77	232	519	876	1157	1344	1634	1812	1795	1556	1486	1536	1635	
Irish.....	11,992		3	15	73	218	344	483	524	652	706	794	641	702	737	667	
Scottish.....	9,981		5	20	59	149	259	348	440	527	617	609	571	603	590	595	
Other.....	505		1		4	8	9	33	14	33	35	35	24	28	27	45	
European.....	22,529	3	11	56	193	436	756	1070	1288	1443	1463	1401	1334	1342	1271	1243	
Austrian.....	149							6	4	9	13	10	10	13	5	11	
Bulgarian.....	19							2	4	1				1	2		
Czech and Slovak.....	285				1	8	6	12	31	23	26	20	8	3	7	7	
Danish.....	100			1	2	3	5	3	10	4	7	4	7	4	5		
Finnish.....	458			2	3	4	7	16	21	28	22	21	29	29	21	18	
French.....	11,575	3	8	39	121	272	439	598	664	742	743	716	633	693	636	634	
German.....	3,208		2	20	40	80	104	125	157	188	196	212	203	201	174		
Greek.....	93			1	2	2	8	7	6	5	7	4	4	6	4		
Hungarian.....	344			1	3	8	20	32	24	33	28	17	14	13	10	12	
Icelandic.....	42					1	1	3	5	4			2	4	5	1	
Italian.....	1,144			3	6	19	30	57	79	76	76	75	68	54	63	71	
Lithuanian.....	30				1				2	1	2		5	1	3	1	
Netherland, Flemish, Walloon.....	1,426				14	21	53	66	99	89	99	89	93	77	84	84	
Norwegian.....	178				1	4	8	8	13	10	12	11	9	8	15		
Polish.....	1,088		1	2	4	19	27	44	65	67	78	70	68	70	60	73	
Roumanian.....	174				2	1	9	8	14	14	10	9	13	9	13	8	
Russian (Races of U.S.S.R.).....	322			1	3	3	10	24	17	30	14	21	25	21	22	12	
Swedish.....	238			2		1	9	9	5	10	15	14	19	15	15	8	
Ukrainian*.....	1,446			1	12	34	40	54	97	117	104	99	111	106	101	95	
Yugoslavic.....	177					3	7	12	18	12	17	15	4	8	3	7	
Other.....	33				1			4	2	1	1	4	3	1	2	3	
Asiatic.....	133					1	3	6	3	7	12	14	6	9	10	5	
Chinese.....	37					1	1	1	1	3	6	4	2	2	2	1	
Hindu (East Indian).....	1							1									
Japanese.....	40							3	2	1	5	4	2	3	4	3	
Syrian.....	54						2	1		3	1	6	2	4	4	1	
Other.....	1																
Indian.....	828	1	4	6	12	29	41	43	41	56	42	57	48	34	33	51	
Jewish.....	1221					5	8	34	33	48	64	88	79	73	87	78	
Negro.....	187			1	1	7	16	12	11	15	13	8	13	14	6	8	
Other races.....	5										1			1	1		
Unspecified.....	364			1	4	10	13	15	19	17	29	21	18	23	25	20	
Total.....	74,326	4	41	176	578	1382	2325	3201	3717	4432	4794	4822	4290	4315	4323	4347	

*Including all Ruthenian Russians.

according to Age and Racial Origin of Mothers, Ontario, 1944

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
2815	2638	2410	2166	2035	1812	1508	1326	1053	988	758	579	383	267	173	111	53	27	14	3	1	1	16
1536	1404	1312	1117	1080	910	760	665	505	472	367	275	165	135	89	53	24	16	9	1	1	1	9
668	620	573	581	501	484	373	351	300	282	212	173	127	74	50	33	14	7	4	2	1	1	4
582	587	504	449	432	402	359	292	239	225	173	123	88	55	34	23	14	4	1	1	1	1	3
29	27	21	19	22	16	16	18	9	9	6	8	3	3	3	2	1	1	1	1	1	1	1
1196	1125	879	882	802	757	630	601	533	475	379	307	215	168	111	76	36	17	4	4	2	2	18
11	8	3	10	7	2	6	4	2	3	4	3	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	7	11	11	8	4	6	13	16	16	10	10	2	2	1	1	3	5	1	1	1	1	2
2	5	4	7	4	4	1	2	6	1	2	1	3	1	1	1	1	1	1	1	1	1	1
32	24	15	20	23	19	18	18	16	18	9	3	7	3	6	2	3	3	1	1	1	1	1
585	571	438	434	384	383	323	297	265	231	200	167	117	88	69	41	17	5	3	2	2	2	12
200	169	154	139	124	135	97	106	97	78	72	44	38	22	15	7	4	3	1	1	1	1	1
4	4	13	2	2	3	2	1	2	1	2	1	2	1	2	1	1	1	1	1	1	1	1
18	16	10	14	13	11	1	7	3	11	5	7	4	5	1	2	1	1	1	1	1	1	1
2	1	2	2	2	1	1	1	1	2	1	2	1	2	1	1	1	1	1	1	1	1	1
72	81	54	50	48	28	30	20	16	14	13	13	5	10	6	4	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
64	64	59	51	46	54	47	34	42	33	15	14	10	13	2	6	3	3	1	1	1	1	1
14	9	6	6	8	8	9	3	6	3	3	1	3	1	1	1	1	1	1	1	1	1	1
47	55	40	41	46	44	27	38	13	23	21	15	7	9	4	3	4	1	2	1	1	1	1
6	12	9	8	3	5	4	5	4	2	2	2	2	2	1	1	1	1	1	1	1	1	1
21	11	8	22	11	11	8	6	7	6	2	1	2	1	1	2	1	1	1	1	1	1	1
20	15	10	10	14	9	8	7	7	3	2	2	4	1	1	2	1	1	1	1	1	1	1
83	67	38	51	46	28	31	30	27	17	13	20	6	8	4	4	1	1	1	1	1	1	1
4	6	1	4	11	5	9	6	6	7	2	2	1	3	1	1	1	1	1	1	1	1	1
2	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	9	5	9	7	5	1	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	3	4	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	3	4	4	5	2	3	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	44	40	37	18	34	17	16	23	15	12	9	8	10	2	4	1	1	1	1	1	1	2
91	86	87	79	60	59	52	35	27	16	8	11	5	4	1	1	1	1	1	1	1	1	2
9	7	3	6	3	8	5	3	5	5	1	2	1	1	2	2	1	1	1	1	1	1	1
18	12	13	16	18	10	8	8	5	8	6	1	3	1	1	1	1	1	1	1	1	1	21
4175	3922	3437	3196	2943	2685	2221	1994	1651	1508	1164	909	615	449	289	193	91	47	18	7	2	4	59

Table 13—Births (exclusive of Stillbirths) Classified

Birthplace of Father	Total Fathers	BIRTHPLACE														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other
Canada.....	61,609	57	448	385	3181	48949	1287	1621	480	267	132	1678	216	736	69	13
Prince Edward Island.....	87	14	6	2	3	40	3	2	2	1	1	1	1	1	1	1
Nova Scotia.....	506	3	117	6	19	264	7	18	5	2	3	18	3	13	1	1
New Brunswick.....	447	3	16	111	52	213	7	9	5	2	3	7	3	4	2	1
Quebec.....	3,754	23	37	1458	1909	46	58	10	12	5	51	7	22	2	1	1
Ontario.....	52,451	30	261	205	1545	44,446	639	864	294	141	25	1469	192	642	63	12
Manitoba.....	1,537	3	7	11	36	701	453	119	31	15	47	6	14	1	1	1
Saskatchewan.....	1,736	1	10	11	39	869	103	495	31	15	40	2	24	1	1	1
Alberta.....	570	1	5	1	17	322	20	40	90	11	16	2	8	1	1	1
British Columbia.....	322	3	3	8	155	14	15	14	70	1	12	1	2	4	1	1
Province unspecified.....	199	1	1	10	30	3	1	1	103	1	21	2	4	1	1	1
British Isles.....	6,379	8	42	30	145	4187	137	126	51	21	43	734	174	421	31	3
England.....	3,946	4	24	22	95	2657	93	76	30	11	27	559	48	141	11	1
Ireland.....	707	1	4	3	14	440	15	14	5	2	4	52	100	35	2	1
Scotland.....	1,457	3	11	4	28	906	25	31	13	7	11	108	23	232	4	1
Wales.....	227	2	1	7	156	3	5	3	1	1	14	2	9	14	1	1
Other.....	42	1	1	1	28	1	1	1	1	1	4	1	4	1	1	1
British Possessions.....	315	9	1	5	150	4	4	2	2	2	24	1	8	1	1	1
Newfoundland.....	178	6	1	5	70	1	2	1	1	1	11	1	3	1	1	1
Other.....	137	3	1	1	80	3	2	1	2	1	13	1	3	1	1	1
Europe.....	4,363	1	18	14	89	1436	235	197	33	6	24	59	11	23	2	1
Austria.....	143	2	1	3	43	17	10	1	1	1	4	1	1	1	1	1
Belgium.....	126	1	1	1	44	7	3	1	1	1	3	1	1	1	1	1
Czechoslovakia.....	251	1	1	5	33	3	1	1	1	1	1	1	1	1	1	1
Denmark.....	96	1	1	4	38	6	2	4	1	2	4	2	2	1	1	1
Finland.....	234	1	1	1	91	7	2	4	3	1	3	1	3	1	1	1
France.....	31	1	1	1	13	1	1	1	1	1	1	1	1	1	1	1
Germany.....	142	1	1	1	67	12	9	1	1	1	3	2	3	1	1	1
Hungary.....	286	5	4	4	60	10	20	3	1	1	3	1	1	1	1	1
Italy.....	547	2	3	19	255	6	5	1	1	6	4	3	3	1	1	1
Netherlands.....	118	1	1	1	53	1	1	1	1	1	10	1	3	1	1	1
Norway.....	94	1	1	3	56	7	4	1	1	1	3	1	2	1	1	1
Poland.....	988	6	2	15	284	76	54	8	5	5	5	1	2	1	1	1
Roumania.....	172	1	1	4	60	13	22	3	1	1	1	1	1	1	1	1
Russia (U.S.S.R.).....	612	2	1	13	154	49	38	6	1	3	9	1	1	1	1	1
Sweden.....	97	1	1	6	41	8	4	2	1	1	2	2	3	1	1	1
Yugoslavia.....	233	1	1	4	58	5	4	1	1	1	2	2	3	1	1	1
Other.....	193	2	5	86	8	7	1	1	3	2	2	3	3	1	1	1
Asia.....	109	1	4	1	8	42	3	2	15	1	1	1	1	1	1	1
China.....	59	1	4	6	24	1	2	7	1	1	1	1	1	1	1	1
Japan.....	19	1	1	1	6	1	1	1	1	1	1	1	1	1	1	1
Other.....	31	1	1	2	12	1	1	1	1	1	1	1	1	1	1	1
United States.....	1,457	1	14	11	59	983	30	47	17	8	14	46	14	16	3	1
Other American countries.....	27	1	1	1	12	2	2	2	1	1	1	1	1	1	1	1
Other countries.....	4	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1
Unspecified.....	63	1	1	1	31	3	1	1	1	1	1	1	1	1	1	1
Children born to married mothers.....	74,326	68	536	442	3488	55,794	1698	2000	588	320	214	2542	417	1206	105	16
Children born to unmarried mothers.....	3,764	4	39	31	137	2,949	88	126	33	7	17	78	23	47	5	1
Children born to all mothers.....	78,090	72	575	473	3625	58,743	1786	2126	621	327	231	2620	440	1253	110	16

according to Birthplace of Parents, Ontario, 1944

OF MOTHER

Newfoundland	Europe																			Asia				United States	Other American countries	Other countries	Unspecified
	British Possessions	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia	Other	China	Japan	Other					
116	39	16	40	35	13	43	15	28	42	50	28	12	168	23	75	12	20	18	9	4	3	1258	6	4	13		
1	1												1									1	10				
3	2				2	1																	17				
1	1																						20				
6	1																						74				
97	29	13	32	19	8	36	10	22	28	42	25	8	117	20	48	8	16	2	2			1005	4	3	11		
1	1																						42				
3	1																						40				
1	1																						21				
2	2																						12				
2	1																						17				
27	12	2	3	2	2	2		2	2	5	4	2	9		9		1					135			3		
14	10	1	2	2	1	2		2	1	3	4	2	7		7		1					85	2		2		
4	1										2											11					
8	1								1		2											35			1		
1	1									1												4					
71	18					1	1	1		2	2					1						8					
70	1					1																4					
1	18						1	1		2	2					1						4					
3	2	45	62	201	20	144	3	32	171	208	31	11	534	78	306	13	130	71			1	145	1	1	2		
		35	2	2		1	1	1	3	1	1		4	3	2			1				8					
			49			1							3	3								8					
				176		6			6		4		8	1	3		4					4					
				17		115										2	1					5					
			4		1	1					2											6					
					1	1			21	3	1		2		5	3						1					
					8	1				146	1	1		3	4	1		6				3					
	1	1	1		2	1			1	203	1		2	2	1	1	1	2				22	1		1		
			8		1	1			1	1	23					1						4					
					1	1				1			9		1	1						4					
		1	5		1	1			3	3			447	5	31		1	8				7					
					2	1							9	38	4		3					4					
	1	1	1		2	1			1	1			49	5	249		2	1				18			1		
																						4					
																	12					8					
													4	14	2		113					4					
													2		6		57					9					
																						2					
	1	3																				11	3	7	2		
	1																					11			1		
	1	2																				3			1		
																						7			1		
	6	2	1	4	4	3	5	1	5	2	6	1	10	3	4	3	2	2				129			1		
													2									1	3				
																						3			24		
224	76	64	109	242	38	195	20	63	220	267	71	26	723	104	356	28	153	92	20	8	11	1681	12	6	43		
13	6	2	5	4	2	11	1	3	6	4	2		25		8	2	1	1				63	1		20		
237	82	66	114	246	40	206	21	66	226	271	73	26	748	104	404	30	154	93	20	8	11	1744	13	6	63		

Table 14—Legitimate Births (exclusive of Stillbirths) Classified

Birthplace of Mother	Total	AGE OF																
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Canada.....	65,148		4	41	170	547	1287	2153	2927	3366	4026	4333	4355	3902	3962	3991	3976	3792
Prince Edward Island	68																	
Nova Scotia.....	536			1		1	8	18	22	30	31	32	33	49	37	47	33	39
New Brunswick.....	442					1	4	10	22	19	31	43	47	22	23	12	27	28
Quebec.....	3,488		1		2	18	53	87	98	140	162	223	227	211	214	203	218	213
Ontario.....	55,794		3	37	158	500	1176	1948	2612	2916	3489	3695	3702	3260	3345	3389	3347	3172
Manitoba.....	1,698				2	8	17	23	53	65	122	115	102	118	131	111	126	127
Saskatchewan.....	2,000			1	4	13	17	50	69	119	125	143	162	158	143	153	146	148
Alberta.....	588			1		1	9	7	26	36	36	44	38	49	36	54	44	35
British Columbia.....	320				2	2	1	5	16	18	17	22	27	20	17	17	21	19
Province unspecified.....	214			1		3	2	5	7	19	8	12	10	13	13	10	11	4
British Isles.....	4,286				1	2	19	43	70	105	147	193	222	196	195	168	204	182
England.....	2,542						9	22	42	57	85	114	133	130	128	108	123	104
Ireland.....	417					2	4	4	6	10	6	18	19	9	12	15	16	23
Scotland.....	1,206				1		6	15	18	34	45	52	60	51	51	44	56	49
Wales.....	588								2	4	2	7	9	6	3	1	1	6
Other.....	105										2	2	1	1	1	1	1	1
British Possessions.....	300						7	4	9	10	9	14	21	18	14	10	19	21
Newfoundland.....	224						7	4	9	9	8	7	17	17	9	8	16	14
Other.....	76									1	1	7	4	1	5	2	3	7
Europe.....	2,811				3	13	29	60	110	163	181	157	137	96	54	65	62	92
Austria.....	64						1	5	1	4	6	6	6	1	1	1	2	2
Belgium.....	109						4	5	13	6	14	5	6	1	1	1	2	5
Czechoslovakia.....	242				1	6	6	12	28	17	22	15	5	1	4	6	3	3
Denmark.....	38						1	3	2	2	2	3	1	1	2	1	1	1
Finland.....	195			1	3	1	2	3	9	11	3	10	5	5	4	4	4	4
France.....	20						1	1	1	1	1	1	4	1	1	1	1	1
Germany.....	63					1	1	3	1	1	4	3	5	1	2	2	3	3
Hungary.....	220				2	6	15	19	16	20	17	12	7	3	3	4	6	6
Italy.....	267					1	5	10	26	15	14	4	1	1	4	11	11	11
Netherlands.....	71				1		2	1	6	8	3	3	3	5	3	5	2	2
Norway.....	26						1	1	1	1	1	3	2	2	2	2	2	2
Poland.....	723			1	5	7	15	28	35	40	33	33	17	10	18	13	27	27
Roumania.....	104					3	3	6	12	11	9	4	3	1	2	1	2	2
Russia (U.S.S.R.).....	396					2	2	9	11	18	16	9	24	12	17	8	18	18
Sweden.....	28							1	2	1	2	3	3	3	3	3	1	1
Yugoslavia.....	153					3	4	9	15	14	14	11	3	6	2	2	2	2
Other.....	92			1	1		1	5	3	3	1	5	4	1	3	3	6	6
Asia.....	39								1	2	2	2	2	2	2	1	2	2
China.....	20								1	1	1	1	1	2	1	1	1	1
Japan.....	8										1	1	1	1	1	1	1	1
Other.....	11									2								
United States.....	1,681				2	16	40	64	85	69	64	93	84	75	85	86	84	83
Other American countries.....	12										1	2		1	1		1	2
Other countries.....	6												1					1
Unspecified.....	43							1		3	2				2	1		
Total.....	74,326		4	41	176	578	1382	2325	3201	3717	4432	4794	4822	4290	4315	4323	4347	4175

according to Age and Birthplace of Mothers, Ontario, 1944

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 stat-ed-
3517	2997	2706	2440	2154	1758	1530	1293	1129	869	656	454	320	210	142	62	32	7	6	2	4	28
6	2	2	4	.....	3	.....	2	3	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
26	14	29	14	16	8	13	10	14	8	5	3	1	2	1	.....	1	.....	.....	.....	.....	.....
14	19	17	15	18	13	18	12	6	3	7	2	4	2	.....	.....	.....	.....	.....	.....	.....	.....
196	161	147	120	137	122	110	101	73	66	64	42	33	21	15	4	2	.....	.....	.....	.....	.....
2942	2541	2304	2099	1834	1503	1311	1109	983	767	560	397	269	182	123	55	27	7	4	2	1	23
93	93	84	82	56	53	31	26	24	10	11	6	5	2	2	.....	.....	.....	.....	.....	.....	.....
154	94	76	66	49	34	26	20	12	3	4	3	4	1	.....	.....	.....	.....	.....	.....	.....	.....
45	42	18	18	19	9	12	4	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	18	19	7	10	6	7	5	6	3	2	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....
11	13	10	15	15	7	2	4	5	5	2	.....	3	.....	1	1	2	.....	.....	.....	.....	.....
181	217	235	267	284	236	230	155	191	164	129	84	68	45	22	14	6	7	.....	.....	.....	.....
99	143	137	163	156	139	127	79	110	102	70	54	42	25	15	8	6	5	.....	.....	.....	.....
24	18	17	30	40	29	21	20	20	15	10	9	11	2	2	2	.....	.....	.....	.....	.....	.....
52	50	78	64	82	63	75	53	59	45	45	19	13	14	4	4	.....	.....	.....	.....	.....	.....
5	5	3	9	5	3	7	3	1	2	4	1	2	.....	1	.....	.....	.....	.....	.....	.....	.....
1	1	.....	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	16	19	10	12	18	9	11	15	6	4	4	2	1	.....	1	.....	.....	.....	.....	.....	.....
14	11	13	9	10	9	3	6	12	4	2	3	2	.....	.....	1	.....	.....	.....	.....	.....	.....
2	5	6	1	2	9	6	5	3	2	2	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
118	126	149	153	147	142	155	125	120	89	88	54	49	25	20	11	9	3	1	.....	.....	.....
3	7	5	2	2	2	6	5	2	5	6	2	5	1	.....	1	.....	.....	.....	.....	.....	.....
6	8	1	3	3	1	1	1	7	3	2	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	9	10	8	4	4	13	13	13	8	14	3	2	1	.....	2	5	.....	.....	.....	.....	.....
.....	2	2	1	2	1	2	4	2	2	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	7	8	11	12	12	15	13	14	8	3	8	2	6	3	2	.....	.....	.....	.....	.....	.....
1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	2	4	6	2	2	4	5	1	3	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	8	13	9	9	2	8	11	11	5	5	4	.....	.....	.....	2	2	.....	.....	.....	.....	.....
18	15	16	15	13	11	16	7	8	12	9	4	9	6	1	1	.....	.....	.....	.....	.....	.....
2	6	3	1	3	2	1	3	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....
1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	36	46	49	42	46	47	29	26	24	21	9	13	5	4	3	.....	.....	.....	.....	.....	.....
3	5	2	6	5	5	6	1	5	2	4	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....
22	17	25	25	30	33	20	27	14	9	13	5	4	4	2	.....	.....	.....	.....	.....	.....	.....
1	1	2	.....	2	2	1	2	1	1	1	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	2	4	10	6	9	7	10	8	2	2	1	3	1	1	.....	.....	.....	.....	.....	.....	.....
2	8	4	3	5	9	5	1	6	3	3	3	1	.....	1	1	.....	.....	.....	.....	.....	.....
2	3	4	2	2	3	2	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1	2	1	.....	.....	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
85	75	80	69	86	63	67	63	51	35	30	18	9	8	8	3	.....	.....	.....	.....	.....	.....
.....	1	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	1	2	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3922	3437	3196	2943	2685	2221	1994	1651	1508	1164	909	615	449	289	193	91	47	18	7	2	4	59

Table 15—Plural Births Classified to Show Number of Children Born Alive and Stillborn by Sex, for the Province of Ontario, 1944

CLASSIFICATION OF BIRTHS	Number
Twin Births	863
Two males (both living)	244
One male and one female (both living)	299
Two females (both living)	250
One male living and one male stillborn	14
One male living and one female stillborn	9
One male stillborn and one female living	11
One female living and one female stillborn	25
Two males (both stillborn)	3
One male and one female (both stillborn)	4
Two females (both stillborn)	4
Triplet births	7
Three males (all living)	2
Two males and one female (all living)	1
Three females (all living)	2
One male and one female living and one male stillborn	1
Three females (all stillborn)	1
Total multiple births	No. 870
	M. 855
	F. 892
Total single live births	No. 76,428
	M. 39,636
	F. 36,792
Total single stillbirths	No. 1,781
	M. 971
	F. 810
Total Confinements	79,079

MARRIAGES

Table 16—Marriages in the Province of Ontario by Months, 1944

	Total Marriages	Months											
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total for the province	31,227	1,825	1,952	1,647	2,617	2,305	4,179	3,142	2,667	3,506	2,737	2,286	2,364

Table 17—Marriages—Conjugal Condition of Contracting Parties, in the Province of Ontario, 1944

	Total Marriages	MARRIAGES BETWEEN									Per cent. of Bridegrooms who were			Per cent. of Brides who were		
		Bachelors and			Widowers and			Divorced men and			Bachelors	Widowers	Divorced	Spinsters	Widows	Divorced
		Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women						
Total for the province . .	31,227	28,544	291	326	573	727	124	429	92	121	93.4	4.6	2.1	94.6	3.6	1.8

Table 19—Marriages—Denominations of

Denomination of Groom	Total grooms	DENOMINATION													
		Adventists	Anglicans	Apostolic bodies	Baptists	Brethren including United	Christadelphians	Christians	Christian Missionary Alliance	Christian Scientists	Churches of Christ (Disciples)	Church of God	Doukhobors	Eastern Orthodox Churches	Evangelicals
Adventists.....	23	18													
Anglicans.....	6,429	2	3236	5	274	4	3	2	1	16	9	1	16	15	
Apostolic bodies.....	12		1	10											
Baptists.....	1,663	1	269		646	4		1	1	2	7	2	6	8	
Brethren including United.....	76		8		3	51							1	2	
Christadelphians.....	16		1		1		10						1	1	
Christians.....	19							11							
Christian Missionary Alliance.....	12		2		1	1			6				1		
Christian Scientists.....	52		12		2					20					
Churches of Christ (Disciples).....	55		8		5						24				
Church of God.....	9		1								6				
Doukhobors.....	2											1			
Eastern Orthodox Churches.....	279		31		7								152		
Evangelicals.....	107		3		3	1								34	
Gospel bodies.....	44		6		2	1			1						
Greek Catholic Churches.....	224		12	1									6		
Holiness Movement.....	20		1		1	1									
International Bible Students.....	15		1												
Jewish.....	659		24		3									1	
Lutherans.....	893		116		39					1	2		5	18	
Mennonites.....	167	1	2		4									5	
Methodists.....	257	1	45	1	18	1		1					1	1	
Moravian Church.....	1														
Mormons.....	51		7		3						1				
Non-denominational.....	191		20		1								1		
Oriental religions.....	8														
Pentecostal Assemblies.....	179		15		8										
Plymouth Brethren.....	36		3		3										
Presbyterians.....	3,117	1	609		163	4		1	2	3	8		13	9	
Reformed Churches (Christian).....	7		4												
Roman Catholics.....	7,520	1	565		118	1	1			2	4	1	23	8	
Salvation Army.....	95		7		7	1				1					
Society of Friends.....	5														
Spiritualists.....	4														
Swedenborgians.....	2														
Unitarians.....	1														
United Church of Canada.....	8,889	1	1405	1	413	5	2	2	4	16	7		12	28	
Other religions.....	38		8		2									1	
Non-religious denominations.....	8		2												
Unspecified or unknown.....	42		8		1										
Total Brides.....	31,227	26	6432	18	1730	75	16	18	15	61	63	10	1	237	131

Contracting Parties, for the Province of Ontario, 1944

OF BRIDE

Gospel bodies	Greek Catholic Churches	Hofness Movement	International Bible Students	Jewish	Lutherans	Mennonites	Methodists	Moravian Church	Mormons	Non-denominational	Oriental religions	Pentecostal Assemblies	Plymouth Brethren	Presbyterians	Reformed Churches (Christian)	Roman Catholics	Salvation Army	Society of Friends	Spiritualists	Swedenborgians	Unitarians	United Church of Canada	Other religions	Non-religious denominations	Unspecified or unknown
5	15	2	7	74	8	27	1	12	9	16	1	537	1	547	23	1558	3	2	1	1	1	1	1	1	1
1	3	1	2	20	6	16	7	1	6	7	2	137	1	134	12	359	3	1	1	1	1	1	1	1	1
							1					3	6	3			5	1	11	11	1	1	1	1	1
													16	4			11	1	11	11	1	1	1	1	1
													16	38			19	1	1	1	1	1	1	1	1
1	9	1	1	3	27	1	2					1	4	10	1	20	1	1	1	1	1	1	1	1	1
20	2			6						1		1	3	1	1	20	6	1	1	1	1	1	1	1	1
	131	12	12									2	1	1	50	11	1	1	1	1	1	1	1	1	1
	1		603	1									4			13	1	1	1	1	1	1	1	1	1
	1	4		395	7	1			2	1		6	58	93	8	141	8			2	1	1	1	1	1
	1	1		6	123	1						1	2	2	28	16	1	1	1			1	1	1	1
		2		13	2	84			1			1	20	5	36	1	1	1	1			1	1	1	1
	1	1		1	1				9				9	5	1	1	1	1	1			1	1	1	1
	1	1		5						108		1	11	24	1	12	1	1	1			18	1	1	1
		1		3		4				1	5	121	2	4	1	20	5	1	1			2	2	2	2
	2	4	1	2	61	5	19		7	5	13	1	1213	2	252	6	710	1	1	1	1	1	1	1	1
	3	64	1	9	74	5	17		5	17	7	3	212	6	5841	7	526	1	1	1	1	1	1	1	1
		1		1					1				6		8	45	13	1	1	1	1	1	1	1	1
															1	1	2	2	3	1					
	7	12	7	3	4	96	11	27	12	15	25		629	1	530	28	5577	5				1	4	4	4
			1		1								4	5	5	4	4	12							
			1							1			2	1	1			1					1		
													1	4	4		17								10
41	248	25	22	628	789	170	200	...	59	164	5	205	27	2889	4	7603	127	5	4	3	3	9128	23	4	18

Table 20—Marriages—Birthplaces of

Birthplace of Bridegroom	Total Bridegrooms	BIRTHPLACE														
		Canada									British Isles					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province unspecified	England	Ireland	Scotland	Wales	Other
Canada.....	27,757	26	152	150	607	23600	497	727	198	114	1	519	89	243	24	4
Prince Edward Island.....	31	8	1	2	2	13	5	2	1	2	7	2	1	1	1	1
Nova Scotia.....	205	17	5	5	5	135	5	13	2	1	7	2	3	3	3	3
New Brunswick.....	171	7	23	11	92	10	10	1	2	2	7	3	7	7	7	7
Quebec.....	746	5	4	163	476	20	20	4	2	2	16	3	7	7	7	7
Ontario.....	25,068	14	106	102	390	21959	334	496	154	60	462	75	209	23	4	4
Manitoba.....	487	3	4	3	12	279	77	50	6	3	11	3	3	1	1	1
Saskatchewan.....	626	1	8	8	14	373	43	109	13	6	7	2	9	9	9	9
Alberta.....	238	3	3	3	3	175	4	11	16	4	5	3	5	5	5	5
British Columbia.....	184	1	3	7	97	4	16	1	36	4	4	1	3	3	3	3
Province unspecified.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
British Isles.....	1,671	1	23	15	32	1068	28	34	9	8	1	232	37	105	5	5
England.....	1,102	1	17	10	22	678	14	25	7	7	176	20	60	5	5	5
Ireland.....	156	2	2	2	2	108	6	1	1	1	15	10	10	10	10	10
Scotland.....	345	4	5	3	234	7	7	1	1	1	34	7	32	2	2	2
Wales.....	59	3	3	3	42	1	2	2	2	2	7	2	2	2	2	2
Other.....	9	2	2	2	6	1	1	1	1	1	1	1	1	1	1	1
British Possessions.....	134	3	2	6	73	3	2	2	3	3	11	3	2	2	2	2
Newfoundland.....	49	3	3	3	23	1	1	1	1	1	4	1	1	1	1	1
Other.....	85	3	2	3	50	2	1	2	2	2	7	2	2	2	2	2
Europe.....	1,018	1	4	5	19	417	33	44	5	3	8	18	3	10	10	10
Austria.....	31	1	1	1	10	2	1	1	1	1	1	1	1	1	1	1
Belgium.....	24	1	1	1	14	1	1	1	1	1	1	1	1	1	1	1
Czechoslovakia.....	43	1	1	1	11	1	1	1	1	1	1	1	1	1	1	1
Denmark.....	17	1	1	1	12	1	1	1	1	1	1	1	1	1	1	1
Finland.....	71	1	1	1	20	1	1	1	1	1	1	1	1	1	1	1
France.....	8	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1
Germany.....	57	1	1	1	28	3	1	2	2	2	3	2	1	1	1	1
Hungary.....	87	2	1	1	25	2	3	3	3	3	1	2	1	1	1	1
Italy.....	99	4	4	4	68	2	1	1	1	1	2	1	1	1	1	1
Netherlands.....	21	1	1	1	15	1	1	1	1	1	1	1	1	1	1	1
Norway.....	35	1	1	1	27	1	1	1	1	1	1	1	1	1	1	1
Poland.....	221	1	1	5	79	9	12	1	1	1	2	1	1	1	1	1
Roumania.....	40	1	1	1	18	3	1	1	1	1	2	1	1	1	1	1
Russia (U.S.S.R.).....	149	3	2	2	42	10	16	5	5	5	2	1	1	1	1	1
Sweden.....	10	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1
Yugoslavia.....	52	1	1	1	17	2	1	1	1	1	1	1	3	3	3	3
Other.....	53	1	2	2	21	4	4	4	4	4	4	4	4	4	4	4
Asia.....	37	2	2	2	18	1	1	2	4	4	4	4	4	4	4	4
China.....	22	2	2	2	11	1	1	1	3	3	3	3	3	3	3	3
Japan.....	6	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
Other.....	9	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1
United States.....	602	2	4	5	20	411	22	21	5	5	21	4	7	7	7	7
Other American countries.....	6	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1
Other countries.....	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
Unspecified.....	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
Total brides.....	31,227	30	188	177	686	25594	584	829	221	133	10	801	136	367	29	5

Bridegrooms and Brides, 1944

OF BRIDE

British Possessions	Europe																	Asia			United States	Other American countries	Other countries	Unspecified		
	Newfoundland	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia	Other	China					Japan	Other
47	12	10	12	21	4	23	2	9	23	22	17	6	98	18	31	3	17	19	7	2	1	399	2	1	...	
1		1		1						1				1	1				1			1			...	
		2				2								4	1							5			...	
41	11	5	11	16	3	18	2	7	21	18	16	6	81	15	20	3	15	2		4	1	1	346	2	1	...
2	1	1		1	1	1			1	1	1			2	3		3	2				11			...	
1	1	1		3		2		2	1	1				5	1			3				8			...	
1		1	1						1	1				1	1					1			3			...
										1					1				1	1			7			...
4	4			2	2	2	1		7	4	2	1	2		5	1		1				34			1	
2	2			2	1	2	1		5	4	2	1	2		5	1		1				28			1	
	2	2			1					2												2				
																						4				
15	4																					5			...	
14																						1			...	
1	4																					4			...	
		13	11	27	1	42	1	5	48	17	4	3	124	16	56	2	28	19		1		30			...	
		8	1										3	3	1		1	1							...	
		9												4	1										...	
			21						2					4											...	
				1										1								1			...	
					40									1								5			...	
											1											2			...	
		2						3						6	1	2						1			...	
									39					4	3							3			...	
			1							14				1							1		4		...	
											2					1							4		...	
												3										1			...	
		1		5				1	1	2			89	3	4		1	1				5			...	
								1	1				2	5	2							1			...	
		2		1				1	1	1			12	1	43		2	2	2			3			...	
					1					5				2								1			...	
														2				19				4			...	
															1				12						...	
																				4	1	2			...	
																				4					...	
																					1				...	
																						2			...	
5		2	2	2				1	1	2				6	3		2					53			...	
																									...	
																									...	
71	20	25	25	52	7	67	4	15	79	45	23	10	230	37	92	6	47	39	11	4	3	521	2	1	1	

Table 21—Marriages by Months, Classified as Rural and Urban for Ontario, 1944

(As at Census 1941)

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario.....	31227	1825	1952	1647	2617	2305	4179	3142	2667	3506	2737	2286	2364
Rural.....	5923	277	284	279	437	424	917	609	506	743	593	445	409
Urban.....	25304	1548	1668	1368	2180	1881	3262	2533	2161	2763	2144	1841	1955
Addington.....	52	5	2	2	1	5	9	5	3	9	6	2	3
Rural.....	52	5	2	2	1	5	9	5	3	9	6	2	3
Urban.....	319	25	21	15	23	29	42	26	34	31	21	29	23
Rural.....	52	2	2	6	3	2	9	6	4	6	4	5	3
Urban.....	267	23	19	9	20	27	33	20	30	25	17	24	20
Sault Ste. Marie, c.....	239	23	16	8	20	23	29	17	27	20	15	22	19
Blind River, t.....	21	1	2	1	1	4	2	3	3	1	1	1	1
Thessalon, t.....	7	1	1	1	1	1	1	1	1	1	1	1	1
Brant.....	508	27	26	28	42	41	64	50	39	64	50	41	36
Rural.....	59	1	3	3	4	4	10	3	5	9	7	4	3
Urban.....	452	26	23	25	38	37	54	47	34	55	43	37	33
Brantford, c.....	415	25	20	23	35	32	49	46	31	48	43	31	32
Paris, t.....	37	1	3	2	3	5	5	1	3	7	5	6	1
Bruce.....	247	15	12	8	18	19	47	15	14	29	26	25	22
Rural.....	148	6	8	5	13	13	29	11	7	19	13	15	11
Urban.....	99	9	4	5	5	6	18	4	7	10	13	7	11
Chesley, t.....	13	2	1	1	1	1	1	1	2	1	1	1	1
Kincardine, t.....	27	3	1	2	1	1	2	1	1	6	4	2	4
Southampton, t.....	24	1	1	1	1	1	1	1	1	1	1	1	1
Walkerton, t.....	24	2	2	1	1	1	2	1	3	2	2	1	1
Warton, t.....	17	1	1	1	1	1	2	1	3	2	1	1	4
Port Elgin, vl.....	11	1	1	1	1	1	2	2	1	3	3	2	1
Carleton.....	2,051	118	115	89	151	155	275	191	186	263	192	147	169
Rural.....	220	8	7	12	18	22	25	18	37	30	14	21	21
Urban.....	1,831	110	107	82	139	137	253	166	168	226	162	133	148
Ottawa, c.....	1,731	106	105	79	130	132	243	159	138	214	159	126	140
Eastview, t.....	95	4	2	2	8	5	9	7	29	12	3	6	8
Rockcliffe Park, vl.....	5	1	1	1	1	1	1	1	1	1	1	1	1
Cochrane.....	432	14	22	12	29	40	59	60	47	47	44	22	36
Rural.....	171	4	7	3	5	17	24	27	15	17	24	8	20
Urban.....	261	10	15	9	24	23	35	33	32	30	20	14	16
Cochrane, t.....	24	1	1	1	1	4	3	3	1	2	5	4	4
Iroquois Falls, t.....	21	1	2	1	2	2	1	4	5	2	2	2	2
Kapuskasing, t.....	40	1	3	1	5	7	1	5	6	4	2	5	5
Timmins, t.....	176	9	12	5	20	12	24	25	21	20	9	12	7
Dufferin.....	68	1	2	1	5	4	13	7	6	9	11	6	4
Rural.....	43	1	2	1	3	2	8	5	2	8	9	3	1
Urban.....	25	1	1	1	2	2	5	2	4	1	2	3	3
Orangeville, t.....	15	1	1	1	1	2	5	1	3	1	1	1	1
Shelburne, vl.....	10	1	1	1	1	1	1	1	1	1	1	3	2
Dundas.....	83	5	3	3	3	4	8	11	6	9	13	8	6
Rural.....	48	2	3	3	3	2	2	8	4	4	8	5	4
Urban.....	35	3	2	2	2	2	6	3	2	5	5	3	2
Chesterville, vl.....	5	1	1	1	1	1	1	1	1	1	1	1	1
Morrisburg, vl.....	19	2	2	1	1	2	2	2	2	4	1	1	2
Winchester, vl.....	11	1	1	1	1	3	1	1	1	3	2	2	2
Durham.....	156	4	12	12	15	10	23	13	9	22	13	8	15
Rural.....	82	2	6	5	5	7	10	6	7	14	8	5	7
Urban.....	74	2	6	7	10	3	13	7	2	8	5	3	8
Bowmanville, t.....	34	1	3	4	6	1	6	3	4	1	2	1	5
Port Hope, t.....	40	1	3	3	4	2	7	4	2	4	4	3	3
Elgin.....	362	19	33	21	36	21	38	36	33	38	25	32	30
Rural.....	110	7	11	7	10	6	9	12	10	13	10	5	10
Urban.....	252	12	22	14	26	15	29	24	23	25	15	27	20
St. Thomas, c.....	214	9	21	12	21	14	26	19	21	21	12	22	16
Aylmer, t.....	27	1	1	2	4	1	2	3	2	4	3	2	4
Port Stanley, vl.....	11	2	1	1	1	1	1	2	1	2	3	3	3
Essex.....	1,544	94	108	78	151	107	190	130	141	143	136	134	132
Rural.....	133	5	7	2	9	15	24	8	15	16	14	11	7
Urban.....	1,411	89	101	76	142	92	166	122	126	127	122	123	125
Windsor, c.....	1,194	73	89	68	120	80	146	103	107	98	102	106	102
Amherstburg, t.....	33	1	2	2	3	2	3	2	1	7	7	1	2
Essex, t.....	38	3	1	1	5	1	3	4	4	4	2	4	8
Harrow, t.....	9	2	1	1	1	1	2	1	1	1	1	1	1
Kingsville, t.....	18	2	2	2	2	2	3	3	5	2	1	1	1
Leamington, t.....	64	5	4	2	7	2	3	7	5	10	7	7	5
Riverside, t.....	29	2	1	3	4	3	4	2	4	1	1	2	3
Tecumseh, t.....	26	1	3	1	1	3	6	2	1	2	2	2	3
Frontenac.....	502	24	34	35	42	48	62	46	41	49	45	39	37
Rural.....	100	2	3	5	10	8	14	12	10	12	10	6	8
Urban.....	402	22	31	30	32	40	48	34	31	37	35	33	29
Kingston, c.....	392	22	30	30	32	39	48	32	31	37	33	30	28
Portsmouth, vl.....	10	1	1	1	1	1	2	2	1	2	2	3	1
Glengarry.....	124	3	7	3	7	6	18	9	14	25	13	8	11
Rural.....	97	2	4	2	5	6	16	6	10	21	12	3	10
Urban.....	27	1	3	1	2	2	2	3	4	4	1	5	1
Alexandria, t.....	27	1	3	1	2	2	2	3	4	4	1	5	1

Table 21—Marriages by Months, Classified as Rural and Urban for Ontario, 1944 (as at Census 1941)—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Grenville.....	115	6	4	4	8	4	14	12	12	20	14	8	9
Rural.....	42	1	2	2	2	4	5	6	7	6	4	6	3
Urban.....	73	5	2	4	6	4	9	6	5	14	10	2	6
Frescott, t.....	44	3	1	3	4	3	5	3	3	10	6	1	2
Cardinal, vl.....	16	2	1	1	1	1	1	1	2	.....	3	1	3
Kemptville, vl.....	13	.....	.....	.....	1	1	3	2	.....	4	1	.....	1
Grey.....	367	22	18	17	29	15	56	44	28	41	39	24	34
Rural.....	156	4	4	4	10	5	26	21	11	24	23	12	12
Urban.....	211	18	14	13	19	10	30	23	17	17	16	12	22
Owen Sound, c.....	133	12	8	8	11	6	20	17	8	10	9	7	17
Durham, t.....	16	1	1	1	1	2	2	2	1	3	3	1	.....
Meaford, t.....	30	2	4	1	2	1	3	1	6	3	2	1	4
Haldimand.....	32	3	1	3	6	2	5	3	2	1	2	3	1
Rural.....	149	11	9	12	12	6	17	12	13	15	17	14	11
Urban.....	69	4	4	6	6	2	8	3	6	7	10	6	7
Dunnville, t.....	80	7	5	6	6	4	9	9	7	8	7	8	4
Caledonia, vl.....	41	5	1	4	3	2	3	7	6	2	3	3	2
Hagersville, vl.....	21	1	3	2	.....	.....	3	.....	1	5	2	4	.....
Haliburton.....	18	1	1	.....	3	2	3	2	.....	1	2	1	2
Rural.....	19	1	1	1	1	1	3	1	.....	4	2	2	2
Halton.....	192	7	12	8	17	12	19	20	19	27	18	21	12
Rural.....	46	1	3	1	5	1	5	5	4	5	5	6	5
Urban.....	146	6	9	7	12	11	14	15	15	22	13	15	7
Burlington, t.....	46	2	3	.....	3	6	6	3	13	4	2	3	.....
Georgetown, t.....	20	.....	1	2	3	2	1	3	3	2	1	2	.....
Milton, t.....	20	1	.....	3	1	2	3	1	1	.....	3	4	1
Oakville, t.....	46	2	4	1	5	3	2	4	6	7	5	5	2
Acton, vl.....	14	1	1	1	2	1	2	1	2	.....	2	1	.....
Hastings.....	476	36	23	32	26	35	51	47	46	52	44	42	42
Rural.....	118	7	4	11	10	5	17	8	13	15	9	9	10
Urban.....	358	29	19	21	16	30	34	39	33	37	35	33	32
Belleville, c.....	185	16	11	15	7	17	15	19	18	16	20	14	17
Deseronto, t.....	6	.....	1	1	.....	.....	2	1	.....	.....	1	.....	.....
Trenton, t.....	94	11	5	3	6	6	7	7	7	12	11	10	9
Bancroft, vl.....	32	1	.....	.....	2	3	7	5	3	4	2	3	2
Frankford, vl.....	9	.....	.....	.....	1	2	.....	2	1	.....	2	1	.....
Madoc, vl.....	10	.....	1	2	1	.....	1	1	.....	.....	1	1	2
Marmora, vl.....	10	.....	.....	.....	2	.....	1	1	3	1	1	1	1
Tweed, vl.....	12	1	1	.....	.....	1	3	4	.....	1	.....	1	.....
Huron.....	245	10	12	14	31	11	38	22	17	32	21	21	16
Rural.....	149	5	4	10	19	5	23	14	11	20	15	14	9
Urban.....	96	5	8	4	12	6	15	8	6	12	6	7	7
Clinton, t.....	22	1	3	.....	3	1	3	3	3	1	1	1	2
Goderich, t.....	34	2	2	1	3	3	4	3	.....	6	4	3	3
Seaford, t.....	12	.....	1	.....	1	1	4	.....	1	.....	.....	2	2
Wingham, t.....	14	1	2	.....	2	.....	1	2	2	3	.....	1	.....
Exeter, vl.....	14	1	.....	3	3	1	3	.....	2	.....	1	.....	.....
Kenora.....	109	10	5	6	7	8	15	7	12	14	7	13	5
Rural.....	23	2	1	.....	1	2	4	.....	3	4	1	3	2
Urban.....	86	8	4	6	6	6	11	7	9	10	6	10	3
Dryden, t.....	20	2	1	2	2	1	1	3	2	2	2	2	.....
Keewatin, t.....	7	.....	.....	.....	1	.....	2	.....	2	1	.....	1	.....
Kenora, t.....	49	5	3	2	3	4	6	4	3	6	3	7	3
Sioux Lookout, t.....	10	1	.....	2	.....	1	2	.....	2	1	1	.....	.....
Kent.....	481	29	36	27	44	35	57	43	38	51	51	34	36
Rural.....	128	6	8	10	10	7	19	13	10	12	14	11	8
Urban.....	353	23	28	17	34	28	38	30	28	39	37	23	28
Chatham, c.....	194	11	21	9	17	15	23	12	20	17	24	15	10
Blenheim, t.....	18	2	.....	.....	1	2	2	3	.....	3	.....	1	4
Dresden, t.....	12	.....	.....	.....	4	1	.....	1	2	2	.....	2	.....
Ridgetown, t.....	19	1	.....	2	1	2	2	1	2	3	2	1	2
Tilbury, t.....	41	4	1	2	2	4	3	4	3	3	5	3	7
Wallaceburg, t.....	69	5	6	4	9	4	8	9	1	11	6	1	5
Lambton.....	417	24	21	25	36	28	57	38	40	42	36	41	29
Rural.....	112	5	6	7	10	7	18	9	7	12	14	12	5
Urban.....	305	19	15	18	26	21	39	29	33	30	22	29	24
Sarnia, c.....	221	12	13	13	20	12	31	18	25	22	16	22	17
Forest, t.....	27	2	.....	2	3	1	3	5	.....	2	3	2	4
Petrolia, t.....	25	2	1	2	2	1	3	2	4	4	2	2	.....
Point Edward, vl.....	19	3	.....	1	.....	4	2	2	2	1	.....	2	2
Watford, vl.....	13	.....	1	.....	1	3	.....	2	2	1	1	1	1
Lanark.....	199	8	9	7	21	14	40	17	19	23	12	17	12
Rural.....	35	1	2	2	4	6	10	1	3	1	3	2	.....
Urban.....	164	7	7	5	17	8	30	16	16	22	9	15	12
Almonte, t.....	30	2	4	1	1	2	4	2	2	3	4	4	1
Carleton Place, t.....	29	2	.....	.....	3	1	7	4	1	5	.....	2	4
Perth, t.....	45	1	.....	2	6	4	9	4	7	4	2	4	2
Smith's Falls, t.....	60	2	3	2	7	1	10	6	6	10	3	5	5

Table 21—Marriages by Months, Classified as Rural and Urban for Ontario, 1944 (as at Census 1941)—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Leeds.....	265	12	15	14	20	13	35	21	27	39	28	24	17
Rural.....	93	3	6	3	5	3	18	8	8	14	8	11	6
Urban.....	172	9	9	11	15	10	17	13	19	25	20	13	11
Brockville, t.....	135	7	9	9	12	10	14	8	13	17	16	12	8
Gananoque, t.....	37	2	.....	2	3	.....	3	5	6	8	4	1	3
Lennox.....	88	3	6	10	3	6	13	8	6	10	8	6	9
Rural.....	48	1	4	8	1	2	5	3	1	5	6	4	8
Urban.....	40	2	2	2	2	4	8	5	5	5	2	2	1
Napanee, t.....	40	2	2	2	2	4	8	5	5	5	2	2	1
Lincoln.....	542	35	46	33	50	43	68	62	34	68	33	39	31
Rural.....	72	5	3	5	8	6	10	9	4	7	3	8	4
Urban.....	470	30	43	28	42	37	58	53	30	61	30	31	27
St. Catharines, c.....	382	26	33	25	33	30	44	40	26	52	24	24	25
Grimsby, t.....	29	1	5	.....	2	1	5	3	3	2	3	4	.....
Merrittton, t.....	15	1	.....	2	1	2	2	1	3	2	1	.....	.....
Niagara, t.....	13	.....	.....	1	1	2	6	.....	2	.....	.....	1	.....
Beamsville, vl.....	16	1	2	2	3	1	3	.....	.....	.....	1	2	1
Port Dalhousie, vl.....	15	1	3	1	1	3	2	2	.....	2	.....	.....	.....
Mantoulin.....	66	4	6	2	3	7	8	6	9	5	7	3	6
Rural.....	54	4	2	1	3	7	7	5	6	5	7	3	4
Urban.....	12	.....	4	1	.....	.....	1	1	3	.....	.....	.....	2
Little Current, t.....	12	.....	4	1	.....	.....	1	1	3	.....	.....	.....	2
Middlesex.....	1,085	73	67	71	90	81	139	107	81	116	97	72	91
Rural.....	187	13	9	8	14	7	28	17	17	29	18	19	8
Urban.....	898	60	58	63	76	74	111	90	64	87	79	53	83
London, c.....	859	59	55	58	71	73	105	89	60	84	75	50	80
Strathroy, t.....	39	1	3	5	5	1	6	1	4	3	4	3	3
Muskoka.....	158	6	7	14	16	11	15	22	21	17	16	6	7
Rural.....	36	.....	.....	4	2	4	3	8	7	4	2	1	1
Urban.....	122	6	7	10	14	7	12	14	14	13	14	5	6
Bracebridge, t.....	37	2	1	3	4	5	2	4	2	6	3	3	2
Gravenhurst, t.....	37	4	.....	3	6	2	3	3	7	4	2	1	2
Huntsville, t.....	48	.....	6	4	4	.....	7	7	5	3	9	1	2
Nipissing.....	319	19	17	7	30	29	43	35	32	32	24	23	28
Rural.....	83	6	2	.....	6	8	14	9	8	10	7	6	7
Urban.....	236	13	15	7	24	21	29	26	24	22	17	17	21
North Bay, c.....	162	11	12	5	15	15	21	18	17	15	11	13	9
Cache Bay, t.....	6	.....	.....	3	.....	.....	.....	.....	1	.....	.....	.....	2
Mattawa, t.....	22	1	2	1	1	6	4	3	.....	1	.....	1	2
Sturgeon Falls, t.....	46	1	1	1	5	.....	4	5	6	6	6	3	8
Norfolk.....	224	15	10	16	18	16	11	19	14	23	23	34	25
Rural.....	86	5	4	9	6	7	5	5	8	7	10	12	8
Urban.....	138	10	6	7	12	9	6	14	6	16	13	22	17
Simcoe, t.....	88	5	3	6	6	7	4	12	5	9	5	14	12
Delhi, vl.....	27	3	2	.....	3	2	.....	.....	3	4	6	4	.....
Port Dover, vl.....	11	1	1	.....	1	.....	1	1	1	2	1	2	.....
Waterford, vl.....	12	1	.....	1	2	.....	1	1	.....	2	3	.....	1
Northumberland.....	172	15	10	11	18	14	19	14	11	21	15	13	11
Rural.....	91	10	6	4	9	8	15	7	2	12	8	5	5
Urban.....	81	5	4	7	9	6	4	7	9	9	7	8	6
Campbellford, t.....	16	1	.....	3	1	1	.....	1	2	2	4	.....	1
Cobourg, t.....	50	4	4	2	7	3	4	5	6	6	2	3	4
Brighton, vl.....	15	.....	.....	2	1	2	.....	1	1	1	1	5	1
Ontario.....	511	24	24	29	41	35	77	53	55	66	39	34	34
Rural.....	136	3	.....	8	17	10	23	13	14	15	19	9	5
Urban.....	375	21	24	21	24	25	54	40	41	51	20	25	29
Oshawa, c.....	280	16	18	20	17	19	41	25	28	37	17	19	23
Uxbridge, t.....	18	.....	2	.....	2	2	2	3	4	1	.....	2	.....
Whitby, t.....	62	5	3	1	3	4	10	10	6	8	2	4	6
Port Perry, vl.....	15	.....	1	.....	2	.....	1	2	3	5	1	.....	.....
Oxford.....	391	24	19	23	27	37	59	39	26	47	26	31	33
Rural.....	112	10	6	6	8	9	21	9	8	16	5	8	6
Urban.....	279	14	13	17	19	28	38	30	18	31	21	23	27
Woodstock, c.....	149	4	10	11	10	19	18	15	7	19	11	10	15
Ingersoll, t.....	65	5	1	5	5	2	10	9	9	4	5	7	3
Tilsonburg, t.....	47	3	2	1	2	5	5	4	2	5	4	5	9
Norwich, vl.....	8	2	.....	.....	2	1	1	.....	1	.....	1	.....	.....
Tavistock, vl.....	10	.....	.....	.....	1	4	2	.....	2	1	.....	.....	.....
Parry Sound.....	135	6	10	4	10	8	16	15	17	15	14	6	12
Rural.....	73	3	4	1	5	6	8	10	7	8	11	2	8
Urban.....	60	3	6	3	5	2	8	5	10	7	3	4	4
Parry Sound, t.....	60	3	6	3	5	2	8	5	10	7	3	4	4
Peel.....	212	11	8	5	14	15	39	17	15	40	16	21	11
Rural.....	109	3	2	1	7	10	20	10	10	22	7	11	6
Urban.....	103	8	6	4	7	5	19	7	5	18	9	10	5
Brampton, t.....	54	3	2	2	5	1	12	6	3	10	4	3	3
Port Credit, vl.....	49	5	4	2	2	4	7	1	2	8	5	7	2

Table 21—Marriages by Months, Classified as Rural and Urban for Ontario, 1944 (as at Census 1941)—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Perth.....	338	18	14	16	24	23	57	39	28	41	23	20	25
Rural.....	109	4	4	4	4	6	27	14	3	23	8	7	5
Urban.....	229	14	10	12	20	17	30	25	25	18	25	13	20
Stratford, c.....	147	11	5	8	10	11	19	21	15	12	14	7	14
Listowel, t.....	44	2	2	2	6	2	6	2	3	5	6	4	4
Mitchell, t.....	16	1	1	2	2	2	2	1	4	1	1	1	1
St. Marys, t.....	18	1	2	2	1	2	2	1	3	.....	4	.....	.....
Milverton, vl.....	4	.....	.....	1	.....	1	.....	.....	.....	.....	.....	1	1
Peterborough.....	398	22	23	23	29	36	49	44	41	49	26	30	26
Rural.....	46	3	2	3	3	2	10	3	4	9	3	4	3
Urban.....	352	22	20	21	26	34	39	41	37	40	23	26	23
Peterborough, c.....	324	21	19	19	24	31	35	38	36	36	22	24	19
Havelock, vl.....	11	.....	1	1	.....	1	2	1	2	1	.....	2	2
Lakefield, vl.....	17	1	.....	1	2	3	3	1	.....	2	.....	2	2
Prescott.....	194	10	8	3	9	12	32	25	29	23	25	7	11
Rural.....	98	5	3	2	4	9	20	12	13	10	14	2	4
Urban.....	96	5	5	1	5	3	12	13	16	13	11	5	7
Hawkesbury, t.....	56	5	1	.....	3	1	4	6	12	8	9	4	3
Vankleek Hill, t.....	27	.....	3	1	2	1	5	5	4	2	1	1	2
L'Orignal, vl.....	13	1	.....	.....	1	1	3	2	3	1	.....	.....	2
Prince Edward.....	122	6	9	8	9	10	14	6	14	13	13	12	8
Rural.....	48	2	2	5	5	5	4	2	4	3	4	8	4
Urban.....	74	4	7	3	4	5	10	4	10	10	9	4	4
Picton, t.....	63	4	6	3	3	3	7	3	9	10	7	4	4
Wellington, vl.....	11	.....	1	.....	1	2	3	1	1	.....	2	.....	.....
Rainy River.....	85	6	2	.....	8	2	16	8	8	10	12	5	8
Rural.....	19	1	.....	.....	1	.....	4	2	4	4	1	1	1
Urban.....	66	5	2	.....	7	2	12	6	4	6	11	4	7
Fort Frances, t.....	56	5	2	.....	4	1	10	6	3	6	10	2	7
Rainy River, t.....	10	.....	.....	.....	3	1	2	.....	1	.....	1	2	.....
Renfrew.....	393	15	21	13	27	29	65	42	39	52	43	25	22
Rural.....	129	4	1	3	6	10	32	19	6	15	19	9	5
Urban.....	264	11	20	10	21	19	33	23	33	37	24	16	17
Arnprior, t.....	51	4	4	3	5	6	3	2	12	5	4	1	2
Pembroke, t.....	128	5	11	6	9	8	16	10	12	21	13	8	9
Renfrew, t.....	54	1	2	1	6	3	8	8	4	9	3	4	5
Barry's Bay, vl.....	12	.....	1	.....	1	.....	2	1	1	.....	3	2	1
Eganville, vl.....	19	1	2	.....	.....	2	4	2	4	2	1	1	.....
Russell.....	141	2	4	2	9	8	35	18	18	20	8	9	8
Rural.....	102	1	3	1	5	6	27	16	15	12	5	5	6
Urban.....	39	1	1	1	4	2	8	2	3	8	3	4	2
Rockland, t.....	23	1	1	1	2	1	5	1	2	4	2	1	2
Casselman, vl.....	16	.....	.....	.....	2	1	3	1	1	1	1	3	.....
Simcoe.....	593	38	34	34	49	45	66	56	57	62	49	54	49
Rural.....	190	11	12	19	12	16	21	17	13	20	11	22	16
Urban.....	403	27	22	15	37	29	45	39	44	42	38	32	33
Alliston, t.....	12	.....	.....	1	.....	.....	1	1	1	2	3	1	3
Barrie, t.....	129	10	5	7	8	11	12	17	13	16	10	8	12
Collingwood, t.....	32	2	4	.....	5	3	5	3	2	1	1	2	4
Midland, t.....	47	3	4	1	2	1	6	7	5	4	2	7	5
Orillia, t.....	114	6	4	5	16	6	15	10	17	11	13	8	3
Penetanguishene, t.....	41	3	4	.....	2	8	3	1	5	5	6	.....	4
Stayner, t.....	11	1	.....	1	1	.....	1	.....	.....	3	2	2	.....
Bradford, vl.....	8	1	1	.....	1	.....	2	.....	.....	.....	1	2	.....
Victoria Harbour, vl.....	9	1	.....	1	.....	.....	1	.....	1	.....	.....	2	2
Stormont.....	354	12	27	10	28	25	33	51	42	43	30	24	29
Rural.....	75	1	5	2	4	5	8	14	11	7	5	7	6
Urban.....	279	11	22	8	24	20	25	37	31	36	25	17	23
Cornwall, t.....	279	11	22	8	24	20	25	37	31	36	25	17	23
Sudbury.....	658	42	47	19	56	46	93	74	61	68	58	41	53
Rural.....	172	17	9	3	11	10	27	21	19	20	15	10	10
Urban.....	486	25	38	16	45	36	66	53	42	48	43	31	43
Sudbury, c.....	424	20	37	15	33	27	60	48	36	44	38	28	38
Capreol, t.....	11	1	.....	.....	2	1	2	.....	1	3	1	.....	2
Coniston, t.....	18	1	1	.....	4	2	2	.....	2	.....	1	1	.....
Coppercliff, t.....	33	3	.....	1	8	3	3	3	3	1	3	2	3
Thunder Bay.....	734	42	59	33	53	49	94	75	80	76	68	47	58
Rural.....	36	1	4	2	4	5	3	2	8	2	.....	3	2
Urban.....	698	41	55	31	49	44	91	73	72	74	68	44	56
Fort William, c.....	409	25	33	19	34	31	46	45	40	45	42	18	31
Port Arthur, c.....	278	16	22	12	15	13	44	26	30	27	23	26	24
Geraldton, t.....	11	.....	.....	.....	1	.....	2	2	2	2	3	.....	1
Timiskaming.....	227	14	17	12	14	18	33	21	25	24	12	9	28
Rural.....	141	9	11	11	11	6	23	10	16	10	9	4	21
Urban.....	86	5	6	1	3	12	10	11	9	14	3	5	7
Cobalt, t.....	22	.....	3	.....	1	3	1	1	3	5	.....	1	4
Englehart, t.....	5	1	.....	.....	1	.....	1	.....	1	.....	1	.....	.....
Haileybury, t.....	11	.....	3	.....	.....	3	1	.....	.....	1	.....	.....	3
Larder Lake, t.....	13	2	.....	.....	1	1	1	2	2	2	1	2	.....
New Liskeard, t.....	35	2	.....	1	2	4	7	7	4	5	1	2	.....

Table 21—Marriages by Months, Classified as Rural and Urban for Ontario, 1944 (as at Census 1941)—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Victoria.....	172	9	7	6	14	12	26	17	14	22	17	19	9
Rural.....	65	5	3	4	2	4	13	8	3	6	5	7	5
Urban.....	107	4	4	2	12	8	13	9	11	16	12	12	4
Lindsay, t.....	85	3	3	1	7	7	11	7	9	13	10	10	4
Bobcaygeon, vl.....	15	1	1	.....	4	1	1	2	.....	2	2	.....	.....
Fenelon Falls, vl.....	7	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....	.....
Waterloo.....	798	40	42	41	65	66	110	81	77	89	73	54	60
Rural.....	104	6	9	3	5	7	21	8	7	13	13	6	6
Urban.....	694	34	33	38	60	59	89	73	70	76	60	48	54
Galt, c.....	134	8	12	10	7	8	18	11	16	17	11	11	5
Kitchener, c.....	333	17	15	16	35	30	49	35	28	31	27	21	29
Elmira, t.....	16	.....	.....	.....	.....	.....	.....	5	2	1	1	.....	2
Hespeler, t.....	50	1	3	2	.....	7	4	5	3	3	.....	6	6
Freston, t.....	52	3	1	3	4	5	4	6	4	7	8	3	4
Waterloo, t.....	95	5	2	2	7	8	12	10	15	12	7	7	8
New Hamburg, vl.....	14	.....	.....	.....	.....	.....	.....	.....	.....	5	3	.....	.....
Welland.....	876	48	68	52	52	82	113	92	74	101	73	67	52
Rural.....	118	3	8	5	6	13	19	11	12	18	7	12	4
Urban.....	758	45	60	49	46	69	94	81	62	83	66	55	48
Niagara Falls, c.....	276	16	19	19	14	26	36	32	27	21	23	25	18
Welland, c.....	229	16	22	9	14	20	27	27	17	29	21	12	15
Fort Erie, c.....	76	3	2	8	3	4	13	3	2	10	10	11	7
Port Colborne, t.....	89	6	6	7	4	8	9	12	9	14	5	4	5
Thorold, t.....	57	4	9	5	6	5	6	6	5	3	6	1	1
Chippawa, vl.....	11	.....	2	.....	.....	3	1	.....	.....	1	1	1	1
Fonthill, vl.....	5	.....	.....	.....	1	.....	.....	.....	.....	2	.....	1	1
Humberstone, vl.....	15	.....	.....	1	3	2	.....	2	3	.....	.....	.....	.....
Wellington.....	361	16	18	15	34	22	52	33	35	46	30	27	33
Rural.....	103	1	7	1	12	6	13	7	13	15	12	9	7
Urban.....	258	15	11	14	22	16	39	26	22	31	18	18	26
Guelph, c.....	201	15	9	8	19	16	30	17	19	25	12	10	21
Harriston, t.....	3	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....
Mount Forest, t.....	11	.....	.....	1	.....	2	.....	.....	.....	2	2	2	.....
Palmerston, t.....	14	.....	1	2	.....	3	2	.....	1	2	1	2	.....
Elora, vl.....	16	.....	1	2	.....	1	2	.....	1	2	1	1	3
Fergus, vl.....	13	.....	.....	1	.....	.....	2	3	1	1	1	4	.....
Wentworth.....	2,061	148	126	123	195	162	275	213	143	248	171	127	130
Rural.....	137	4	6	8	8	9	19	16	14	21	15	8	9
Urban.....	1,924	144	120	115	187	153	256	197	129	227	156	119	121
Hamilton, t.....	1,872	142	120	113	184	143	249	188	127	222	151	115	118
Dundas, t.....	42	1	.....	2	2	9	4	9	1	3	4	4	3
Stoney Creek, vl.....	10	1	.....	.....	1	1	3	.....	1	2	1	.....	.....
York.....	9,332	570	632	536	844	685	1,257	967	717	960	794	662	708
Rural.....	835	51	41	45	81	72	123	99	56	85	81	53	48
Urban.....	8,497	519	591	491	763	613	1,134	868	661	875	713	609	660
Toronto, c.....	7,909	489	552	458	703	574	1,049	800	618	803	671	568	624
Aurora, t.....	23	.....	2	2	5	3	1	3	.....	.....	.....	3	3
Leaside, t.....	66	4	4	3	6	5	12	3	4	10	9	4	2
Mimico, t.....	88	6	7	6	8	5	14	7	9	16	3	4	3
Newmarket, t.....	49	5	3	.....	3	5	5	6	3	10	3	1	5
New Toronto, t.....	80	2	9	8	13	6	6	6	5	6	7	6	6
Weston, t.....	56	4	1	4	7	1	9	3	2	6	7	6	6
Forest Hill, vl.....	17	1	.....	1	.....	2	3	3	.....	3	.....	3	1
Long Branch, vl.....	69	5	6	2	5	3	12	16	6	6	4	2	2
Markham, vl.....	12	1	2	.....	.....	2	1	.....	.....	1	.....	4	1
Richmond Hill, vl.....	21	.....	1	.....	3	1	2	3	.....	5	1	2	1
Stouffville, vl.....	18	.....	1	1	2	1	3	2	3	.....	2	1	2
Sutton, vl.....	8	.....	1	1	.....	1	1	2	.....	2	.....	.....	.....
Swansea, vl.....	78	1	1	4	7	6	15	13	10	9	4	4	4
Woodbridge, vl.....	3	1	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....
District of Patricia.....	7	2	.....	1	1	.....	2	.....	.....	1	.....	.....	.....

Table 22—Deaths of Children under One Year (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1944 (as at Census 1941)

Classified by Place of Residence

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario.....	3,346	305	295	305	314	302	252	226	253	305	272	241	276
Rural.....	1,309	127	109	105	114	129	103	82	98	106	124	100	112
Urban.....	2,037	178	186	200	200	173	149	144	155	199	148	141	164
Addington.....	3		1	1							1		
Rural.....	3		1	1							1		
Algonia.....	62	3	6	9	3	6	4	7	2	2	7	6	7
Rural.....	19	2	3	3		3		1		1	2	2	2
Urban.....	43	1	3	6	3	3	4	6	2	1	5	4	5
Sault Ste. Marie, c.	31	1	1	5	3	3	4	4	1	1	2	3	3
Blind River, t.	7		2					1	1		1		2
Thessalon, t.	5			1				1			2	1	
Brant.....	42	5	6	6	2	1	6	3	3	5	3		2
Rural.....	18	4	3	4	1		2	2	1	1			
Urban.....	24	1	3	2	1	1	4	1	2	4	3		2
Brantford, c.	22	1	2	2	1	1	4	1	2	4	2		2
Paris, t.	2		1								1		
Bruce.....	32	2	1	1	2	4	5	3	2	3	2	6	1
Rural.....	26	2	1			3	4	3	2	3	1	6	1
Urban.....	6			1	2	1	1				1		
Chesley, t.													
Kincardine, t.													
Southampton, t.	2			1	1								
Walkerton, t.													
Warton, t.	4			1	1	1					1		
Port Elgin, vl.													
Carleton.....	189	12	15	19	19	20	9	14	18	17	19	10	17
Rural.....	27	1	2		2	2		3	5	2	5		5
Urban.....	162	11	13	19	17	18	9	11	13	15	14	10	12
Ottawa, c.	147	10	11	16	15	15	9	11	12	14	13	9	12
Eastview, t.	13	1	2	3	2	1			1	1	1	1	
Rockcliffe Park, vl.	2				2								
Cochrane.....	113	13	7	9	8	10	9	3	7	9	14	12	12
Rural.....	63	7	4	4	3	8	5	2	4	3	10	8	5
Urban.....	50	6	3	5	5	2	4	1	3	6	4	4	7
Cochrane, t.	3									1	1	1	
Iroquois Falls, t.													
Kapuskasung, t.	11	1	2	2		1	1	1				1	1
Timmins, t.	36	5	1	3	5	1	3		2	5	3	2	6
Dufferin.....	10	2	3		1	1		1	1			2	
Rural.....	6	2	3		1	1		1	1			1	
Urban.....	4											1	
Orangeville, t.	4		3									1	
Shelburne, vl.													
Dundas.....	13	2	1		2		2	1		3	1	1	
Rural.....	10	1	1		2		2	1		1	1	1	
Urban.....	3	1								2			
Chesterville, vl.	1												
Morrisburg, vl.	2	1											
Winchester, vl.										2			
Durham.....	17	1	2	2		2	1	2	1		2	3	1
Rural.....	10		1	1		1	1	2	1		2	2	
Urban.....	7	1	1	1		1						1	1
Bowmanville, t.	5	1	1	1		1						1	1
Port Hope, t.	2		1									1	
Elgin.....	39	1	3	5	4	1	1	2	5	6	4	5	2
Rural.....	22	1	1	1		1	1	1	4	4	3	4	2
Urban.....	17	1	2	4	4			1	1	2	1	1	
St. Thomas, c.	13	1	2	3	3			1	1	1	1	1	
Aylmer, t.	2			1	1								
Port Stanley, vl.	2												
Essex.....	158	11	16	10	16	17	13	13	2	13	17	19	11
Rural.....	37	2	3	2	5	2	4	5		2	3	4	5
Urban.....	121	9	13	8	11	15	9	8	2	11	14	15	6
Windsor, c.	101	7	11	7	8	12	8	5	2	10	13	13	5
Amherstburg, t.	3		1		1			1					
Essex, t.	3				1						1	1	
Harrow, t.	2	1										1	
Kingsville, t.	3		1	1			1						
Leamington, t.	4	1					1						1
Riverside, t.	4				1	2		1		1			
Tecumseh, t.	5												
Frontenac.....	61	7	3	6	3	5	9	8	6	7	2	3	2
Rural.....	20				2	3	5	2	2	3	1	2	
Urban.....	41	7	3	6	1	2	4	6	4	4	1	1	2
Kingston, c.	40	7	3	6	1	2	4	6	3	4	1	1	2
Portsmouth, vl.	1								1				
Glenarry.....	17	4	1			2		2	3	1	3	1	
Rural.....	13	2	1			2		2	1	1	3	1	
Urban.....	4	2						2					
Alexandria, t.	4	2						2					

Table 22—Deaths of Children under One Year (exclusive of Stillbirths) by Months,
 Classified as Rural and Urban, in the Province of Ontario, 1944 (as at Census 1941)
 Classified by Place of Residence—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Grenville.....	15	2	2	1	3	1	3			1	1		1
Rural.....	11	2	2	1	2	1	1			1			1
Urban.....	4				1		2				1		
Prescott, t.....	3				1		1				1		
Cardinal, vl.....	1						1						
Kemptville, vl.....													
Grey.....	54	4	4	10	7	5	1	3	4	3	6	3	4
Rural.....	21	1	3	3	3	2		1	1	1	2	2	3
Urban.....	33	3	1	7	4	3	1	3	3	2	4	1	1
Owen Sound, c.....	26	3	1	6	4	2		3	1	2	2	1	1
Durham, t.....	5			1									
Hanover, t.....	2						1		2		2		
Meaford, t.....	2						1						
Haldimand.....	19	2			3	1	2	2	5	2	2		
Rural.....	12	1			3	1		2	1	2	2		
Urban.....	7	1					2		4				
Dunnville, t.....	2								2				
Caledonia, vl.....	1								1				
Hagersville, vl.....	1								1				
Haliburton.....	5	1			1	1	1			1			
Rural.....	5	1			1	1	1						
Halton.....	25	1	2	5	1	3	3	2	2	1	2	1	2
Rural.....	12	1	2	3	1	1	2	2	1	1	1	1	1
Urban.....	13			2	1	2	1	1	1	1	2		
Burlington, t.....	3					1	1			1			
Georgetown, t.....	4			1					1		2		
Milton, t.....	2							2					
Oakville, t.....	3			1	1								1
Acton, vl.....	1												
Hastings.....	76	2	4	10	6	7	7	5	11	6	7	5	
Rural.....	33	1	6	2	4	4	4	2	4	3	1	1	
Urban.....	43	1	4	4	3	2	3	3	7	3	6	4	
Bellefleur, c.....	13		1			1	2	2	1	3	1	2	
Deseronto, t.....	3		1						1		1		
Trenton, t.....	16		1	2	1			1	1	4	2	1	3
Bancroft, vl.....	1											1	
Frankford, vl.....	2		1			1							
Madoc, vl.....	5	1					1					2	
Marmora, vl.....	1		1	1	1								
Tweed, vl.....	1												
Huron.....	29	4	2	1	3	2	3	1	5	3	1	1	3
Rural.....	18	2	2		1	2	2	1	3	2	1		2
Urban.....	11	2		1	2		1		2	1		1	1
Clinton, t.....	2								1				1
Goderich, t.....	6			1	1		1		1	1		1	
Seaford, t.....	1				1								
Wingham, t.....	1	1											
Exeter, vl.....	1	1											
Kenora.....	26	3	3	2	3		3		4		1	5	2
Rural.....	13	2	1	1	2		2		3		1	1	1
Urban.....	13	1	2	1	1		1		1		1	4	1
Dryden, t.....	5	1		1								2	1
Keewatin, t.....	1											1	
Kenora, t.....	5		2		1		1					1	
Sioux Lookout, t.....	2								1				
Kent.....	62	9	7	5	1	5	4	1	3	9	2	6	10
Rural.....	28	5	3	3	1	3	1	1	1	4	1	1	5
Urban.....	34	4	4	2	1	2	3		2	5	1	5	5
Chatham, c.....	19	3	3	2		1	2		1	3		2	2
Blenheim, t.....	4					1				1		2	
Dresden, t.....	2												2
Ridgetown, t.....	3						1			1		1	
Ridgetown, t.....	2				1				1				
Tilbury, t.....	4	1	1								1		
Wallaceburg, t.....	4	1	1										
Lambton.....	59	9	5	6	6	4	2	7	4	6	4	3	3
Rural.....	33	5	2	2	5	2	1	3	2	3	4	2	2
Urban.....	26	4	3	4	1	2	1	4	2	3		1	1
Sarnia, c.....	18	3	3	2	1	2		2	1	2		1	1
Forest, t.....	2			2									
Petrolia, t.....	5						1	2	1	1			
Point Edward, vl.....	1	1											
Watford, vl.....													
Lanark.....	24	4		1	3		1	5	3	2		4	1
Rural.....	7	2		1				3					1
Urban.....	17	2			3		1	2	3	2		4	
Almonte, t.....	4						1	1	1	1		1	
Carleton Place, t.....	3						1	1		1			
Perth, t.....	3								1			2	
Smiths Falls, t.....	7	2			3				1			1	
Leeds.....	40	4	1	1	6	4	1	3	5	4	3	4	4
Rural.....	21	3	1	1	2	1		1	3	1	1	4	3
Urban.....	19	1			4	3	1	2	2	3	2		1
Brockville, t.....	16	1			4	3	1	1	1	3	1		1
Gananoque, t.....	3							1	1		1		

Table 22—Deaths of Children under One Year (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1944 (as at Census 1941)
Classified by place of Residence—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lennox.....	14	1	1	2	1	1		1	1	1	1	2	2
Rural.....	8	1	1	1				1	1		1	1	1
Urban.....	6			1	1	1				1		1	1
Napanee, t.....	6			1	1	1				1		1	1
Lincoln.....	54	7	4	11	3	6	3	2	6	3	1	4	4
Rural.....	21	2		4	1	4	1	1	2	2	1	1	2
Urban.....	33	5	4	7	2	2	2	1	4	1		3	2
St. Catharines, c.....	23	1	4	3	1	2	2	1	4	1		2	2
Grimsby, t.....	2			1	1								
Merriton, t.....	4	1		3	1								
Niagara, t.....													
Beamsville, vl.....	2	1										1	
Port Dalhousie, vl.....	2	2											
Manitowlin.....	14	3		1	2	2	2		2			1	1
Rural.....	13	3		1	2	2	2		2			1	1
Urban.....	1												1
Little Current, t.....	1												1
Middlesex.....	107	9	8	9	17	6	8	4	12	9	10	4	11
Rural.....	33	4	2	5	7	2	2	1	5		1	2	2
Urban.....	74	5	6	4	10	4	6	3	7	9	9	2	9
London, c.....	72	5	6	4	10	4	6	3	6	9	9	1	9
Strathroy, t.....	2							1	1			1	
Muskoka.....	24	6	4		2	1	2	3	1	1	1	1	2
Rural.....	11	3	1		1	1	1	2	1		1		
Urban.....	13	3	3		1		1	1		1		1	2
Bracebridge, t.....	4	1	1				1	1		1			
Gravenhurst, t.....	5	2	1		1							1	
Huntsville, t.....	4	1	1										2
Nipissing.....	74	7	3	6	4	11	3	6	2	9	7	9	7
Rural.....	28	4	1	1	1	4	3	3		1	3	3	4
Urban.....	46	3	2	5	3	7		3	2	8	4	6	3
North Bay, c.....	27	2	1	3	2	3		2		5	2	6	1
Cache Bay, t.....													
Mattawa, t.....	9	1	1			2				3			1
Sturgeon Falls, t.....	10			2	1	2		1	2		1		1
Norfolk.....	24	1	2	1	2		2			5	8		3
Rural.....	18		1	1	1		2			4	7		2
Urban.....	6	1	1		1					1	1		1
Simcoe, t.....	4												
Delhi, vl.....	1		1		1					1			1
Port Dover, vl.....	1	1											
Waterford, vl.....	1												
Northumberland.....	25	1	3	1	3	1	2	2	3		3	2	4
Rural.....	17	1	2	1	2	1	1	1	1		1	2	4
Urban.....	8		1		1		1	1	2		2		
Campbellford, t.....	4		1					1	2				
Cobourg, t.....	4				1		1				2		
Brighton, vl.....	1												
Ontario.....	61	4	12	3	7	4	4	3	4	6	1	3	10
Rural.....	41	2	6	3	6	3	4	1	2	4	1	1	8
Urban.....	20	2	6		1	1		2	2	2		2	2
Oshawa, c.....	18	2	6			1		2	2	2		1	2
Uxbridge, t.....	1											1	
Whitby, t.....	1				1								
Port Perry, vl.....	1												
Oxford.....	34	3	4	3	4	1	3		3	3	4	3	3
Rural.....	16	1	3	2	1		1		2	1	1	2	2
Urban.....	18	2	1	1	3	1	2		1	2	3	1	1
Woodstock, c.....	10	1	1		1		1		1	2	2	1	
Ingersoll, t.....	4				1	1	1						1
Tillsonburg, t.....	4	1		1	1								
Norwich, vl.....	1				1								
Tavistock, vl.....	1												
Parry Sound.....	32	2	2	5	5	3	4	2	1	2	4	1	1
Rural.....	28	2	2	3	5	3	3	2		2	4	1	1
Urban.....	4			2			1		1				
Parry Sound, t.....	4			2			1		1				
Peel.....	23	4	2	2	1	1	4	1	1	4	1		2
Rural.....	16	2	2	1	1		3	1	1	3	1		2
Urban.....	7	2		1	1	1	1		1				
Brampton, t.....	6	2		1	1	1	1						
Port Credit, vl.....	1									1			
Perth.....	34	2	2	7	3	2	3		2	2	4	3	4
Rural.....	15	2		4	1		2		1	2	2	1	2
Urban.....	19		2	3	2	2	1		1	2	2	2	2
Stratford, c.....	15		1	3	2	2			1	2	2	1	1
Listowel, t.....	1											1	
Mitchell, t.....	1											1	
St. Mary's, t.....	1						1						
Milverton, vl.....	1		1										
Peterborough.....	49	3	4	3	5	5	4	5	2	3	4	7	4
Rural.....	15	2	2		1	2	2	2		2	2	1	1
Urban.....	34	1	2	3	4	3	2	3	2	3	2	6	3
Peterborough, c.....	31	1	2	3	4	3	2	2	2	2	2	5	3
Havelock, vl.....	2											1	
Lakefield, vl.....	1									1			

Table 22—Deaths of Children under One Year (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1944 (as at Census 1941)

Classified by Place of Residence—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Welland.....	99	4	12	11	6	9	9	7	6	9	10	5	11
Rural.....	43	2	5	3	4	4	2	4	4	4	5	5	6
Urban.....	56	2	7	8	2	5	7	3	2	5	5	5	5
Niagara Falls, c.....	16	1	3	2	2	1	2	1	1	1	1	1	2
Welland, c.....	16	1	4	4	1	1	2	2	1	3	2	2	1
Fort Erie, t.....	5	2	1	1	1	1	1	1	1	1	1	1	1
Port Colborne, t.....	8	1	1	1	1	2	2	2	2	2	1	2	1
Thorold, t.....	2	1	1	1	1	1	1	1	1	1	1	1	1
Chippawa, vl.....	2	1	1	1	1	1	1	1	1	1	1	1	1
Fonthill, vl.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Humberstone, vl.....	6	1	1	1	1	1	1	1	1	1	1	1	1
Wellington.....	45	6	4	4	2	5	4	2	2	5	2	3	6
Rural.....	18	3	3	3	3	3	3	1	1	1	1	1	3
Urban.....	27	3	1	1	2	2	1	1	1	4	2	3	3
Guelph, c.....	22	3	3	1	2	1	1	1	1	3	2	2	3
Harriston, t.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Mount Forest, t.....	3	1	1	1	1	1	1	1	1	1	1	1	1
Palmerston, t.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Elora, vl.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Fergus, vl.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Wentworth.....	157	13	20	10	16	8	9	16	17	15	8	7	18
Rural.....	17	2	3	2	2	1	1	1	2	3	1	1	2
Urban.....	140	11	17	8	16	8	8	15	15	12	7	7	16
Hamilton, c.....	134	11	16	8	16	8	7	14	14	12	7	7	14
Dundas, t.....	6	1	1	1	1	1	1	1	1	1	1	1	2
Stoney Creek, vl.....	1	1	1	1	1	1	1	1	1	1	1	1	1
York.....	567	60	52	55	54	58	38	42	36	51	39	41	41
Rural.....	119	16	10	10	9	16	7	6	6	9	10	14	6
Urban.....	448	44	42	45	45	42	31	36	30	42	29	27	35
Toronto, c.....	411	43	34	41	42	39	30	36	27	39	28	24	28
Aurora, t.....	3	1	1	1	1	1	1	1	1	1	1	1	1
Leaside, t.....	7	1	2	1	1	1	1	1	1	1	1	1	1
Mimico, t.....	7	1	1	1	1	1	1	1	1	1	1	1	1
Newmarket, t.....	2	2	2	2	2	2	2	2	2	2	2	2	2
New Toronto, t.....	7	2	2	2	2	2	2	2	2	2	2	2	2
Weston, t.....	2	2	2	2	2	2	2	2	2	2	2	2	2
Forest Hill, vl.....	3	1	1	1	1	1	1	1	1	1	1	1	1
Long Branch, vl.....	3	2	2	2	2	2	2	2	2	2	2	2	2
Markham, vl.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Richmond Hill, vl.....	2	1	1	1	1	1	1	1	1	1	1	1	1
Stouffville, vl.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Sutton, vl.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Swansea, vl.....	1	1	1	1	1	1	1	1	1	1	1	1	1
Woodbridge, vl.....	1	1	1	1	1	1	1	1	1	1	1	1	1
District of Patricia.....	2	1	1	1	1	1	1	1	1	1	1	1	1

Table 23—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Children Under One Year of Age, Showing the Number Non-Resident in the Province of Ontario, 1944

Cities, Towns and Villages	ALL DEATHS						DEATHS IN INSTITUTIONS					
	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence
		In Canada	In United States	In Canada	In United States			In Canada	In United States	In Canada	In United States	
Total for the province.	3,362	28	4	13	3	3,346	2,258	26	4	12	3	2,243

Table 24—Total Deaths (exclusive of stillbirths) and Deaths in Institutions of Children under One Year of Age, Classified according to Residence of Decedents, in Cities, Towns and Villages of Ontario of 5,000 Population and Over, 1944

Cities, Towns and Villages	ALL DEATHS					DEATHS IN INSTITUTIONS						
	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence
		In Canada	In United States	In Canada	In United States			In Canada	In United States	In Canada	In United States	
Cities:												
Belleveille.....	41	30	2	13	37	29	2	10				
Brantford.....	27	6	1	22	24	6	1	19				
Chatham.....	36	18	1	19	29	18	1	12				
Fort William.....	18	5	2	15	16	5	2	13				
Galt.....	14	3	11	13	3	10						
Guelph.....	15	6	13	22	12	6	12	18				
Hamilton.....	165	32	1	134	142	32	1	110				
Kingston.....	62	23	1	40	51	22	1	30				
Kitchener.....	32	12	1	21	27	11	1	17				
London.....	111	39	72	99	39	60						
Niagara Falls.....	23	8	1	16	26	8	1	13				
North Bay.....	38	11	27	29	11	18						
Oshawa.....	31	14	1	18	27	14	1	14				
Ottawa.....	192	51	6	147	165	50	5	120				
Owen Sound.....	35	10	1	26	29	9	20					
Peterborough.....	48	18	1	31	43	18	25					
Port Arthur.....	26	7	19	20	7	13						
St. Catharines.....	40	17	23	35	17	18						
St. Thomas.....	22	11	2	13	18	11	2	9				
Sarnia.....	24	7	1	18	21	7	1	15				
Sault Ste. Marie.....	35	4	31	25	4	21						
Stratford.....	20	6	1	15	19	6	1	14				
Sudbury.....	136	41	3	98	96	35	2	63				
Toronto.....	536	143	18	411	472	140	18	350				
Welland.....	41	26	1	16	37	26	1	12				
Windsor.....	136	36	1	101	120	36	1	85				
Woodstock.....	14	4	10	9	4	5						
Towns:												
Barrie.....	19	6	2	15	18	6	2	14				
Brampton.....	6	1	1	6	6	1	1	6				
Brockville.....	28	13	1	16	27	13	1	14				
Cobourg.....	4	1	1	4	4	1	1	4				
Collingwood.....	10	4	6	6	9	3	6					
Cornwall.....	49	19	1	29	43	17	1	25				
Dundas.....	3	3	6	1	3	7	3					
Eastview.....	6	7	13	5	7	7	4					
Fort Erie.....	10	6	2	5	10	6	1	5				
Fort Frances.....	12	4	2	6	11	3	2	6				
Hawkesbury.....	20	5	15	8	4	4	4					
Ingersoll.....	7	3	4	4	7	3	3					
Kenora.....	8	3	5	6	3	3	3					
Leamington.....	6	3	1	4	5	3	1	3				
Leaside.....	7	7	11	7	7	7	7					
Lindsay.....	16	5	11	12	5	9	6					
Midland.....	15	5	1	11	14	5	6					
Mimico.....	1	6	7	6	6	6	6					
New Toronto.....	1	6	7	7	7	6	6					
Orillia.....	19	4	15	16	4	12	4					
Parry Sound.....	10	6	4	10	6	6	12					
Pembroke.....	43	20	23	35	20	19	4					
Port Colborne.....	4	4	8	8	4	4	2					
Port Hope.....	4	2	2	4	2	4	4					
Preston.....	2	4	6	5	1	4	4					
Renfrew.....	9	2	7	5	1	3	3					
Simcoe.....	14	10	4	13	10	5	5					
Smiths Falls.....	11	4	7	9	4	2	2					
Thorold.....	2	2	3	2	2	2	27					
Timmins.....	39	3	36	30	3	12	12					
Trenton.....	4	12	16	16	12	1	1					
Waterloo.....	1	1	2	2	1	1	1					
Weston.....	3	1	2	1	1	1	1					
Whitby.....	1	1	1	1	1	1	1					
Villages:												
Forest Hill.....	3	3	2	2	2	2	2					
Long Branch.....	3	3	3	3	3	3	3					
Swansea.....	1	1	1	1	1	1	1					

Table 25—Deaths of Children under One Year of Age (exclusive of Stillbirths), by Age at Death, in the Province of Ontario, 1944

Ages	Number
All infants.....	Total 3,346
	M. 1,933
	F. 1,413
Under 1 day.....	Total 984
	M. 571
	F. 413
1 day.....	Total 301
	M. 178
	F. 123
2 days.....	Total 172
	M. 110
	F. 62
3 days.....	Total 95
	M. 50
	F. 45
4 days.....	Total 63
	M. 41
	F. 22
5 days.....	Total 52
	M. 31
	F. 21
6 days.....	Total 39
	M. 18
	F. 21
Under 1 week.....	Total 1,706
	M. 999
	F. 707
1 week and under 2 weeks.....	Total 178
	M. 106
	F. 72
2 weeks and under 3 weeks.....	Total 131
	M. 71
	F. 60
3 weeks and under 1 month.....	Total 119
	M. 69
	F. 50
Under 1 month.....	Total 2,134
	M. 1,245
	F. 889
1 month and under 2 months.....	Total 253
	M. 162
	F. 91
2 months and under 3 months.....	Total 227
	M. 128
	F. 99
3 months and under 4 months.....	Total 160
	M. 87
	F. 73
4 months and under 5 months.....	Total 129
	M. 70
	F. 59
5 months and under 6 months.....	Total 94
	M. 60
	F. 34
6 months and under 7 months.....	Total 77
	M. 47
	F. 30
7 months and under 8 months.....	Total 72
	M. 32
	F. 40
8 months and under 9 months.....	Total 65
	M. 33
	F. 32
9 months and under 10 months.....	Total 57
	M. 33
	F. 24
10 months and under 11 months.....	Total 40
	M. 17
	F. 23
11 months and under 12 months.....	Total 38
	M. 19
	F. 19

Table 26—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Racial Origin of Decedents, in the Province of Ontario, 1944

Racial Origin	Number
British.....	2,031
English.....	1,164
Irish.....	470
Scottish.....	371
Other.....	26
European.....	1,084
Austrian.....	8
Bulgarian.....	2
Czech and Slovak.....	14
Danish.....	2
Finnish.....	15
French.....	644
German.....	119
Greek.....	7
Hungarian.....	20
Icelandic.....	1
Italian.....	42
Lithuanian.....	1
Netherland, Flemish, Walloon.....	66
Norwegian.....	11
Polish.....	46
Roumanian.....	8
Russian (Races of U.S.S.R.).....	9
Swedish.....	18
Ukrainian (*).....	42
Yugoslavic.....	9
Other.....	..
Asiatic.....	6
Chinese.....	3
Hindu (East Indian).....	..
Japanese.....	..
Syrian.....	3
Other.....	..
Indian.....	120
Jewish.....	44
Negro.....	22
Other races.....	..
Unspecified.....	39
All origins.....	3,346

*Including all Ruthenian Russians.

Table 27—Deaths of Children under One Year of Age (exclusive of Province of

Birthplace of Father	Total Fathers	BIRTHPLACE														
		Canada									British Isles					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. unspecified	England	Ireland	Scotland	Wales	Other
Canada.....	2,667	1	15	12	169	2,113	31	53	17	9	75	62	7	21	2	.....
Prince Edward Island.....	4	1				1										.....
Nova Scotia.....	20		4		4	9		1						1		.....
New Brunswick.....	17		2	4	1	10										.....
Quebec.....	199		1	3	89	95		2		1	2			1		.....
Ontario.....	2,207		8	5	72	1,915	15	29	10	4	6	56	7	17	2	.....
Manitoba.....	47				1	28	9	2	2							.....
Saskatchewan.....	49					22	2	26		1		1				.....
Alberta.....	25				1	17	1		4							.....
British Columbia.....	11				1	5				3						.....
Province unspecified.....	88					11		1			67	3		2		.....
British Isles.....	220		3	2	2	128	2	6	1		15	23	7	16	1	.....
England.....	138		2	1	1	82	1	6			8	17	3	6		.....
Ireland.....	16				1	9					1	1	3	1		.....
Scotland.....	57		1	1		29	1		1		6	5	1	9		.....
Wales.....	4					3									1	.....
Other.....	5					5										.....
British Possessions.....	8		1			3						1				.....
Newfoundland.....	3					2										.....
Other.....	5		1			1						1				.....
Europe.....	175		1		2	58	8	6	1		10	4		1		.....
Austria.....	6					1										.....
Belgium.....	6					2						2				.....
Czechoslovakia.....	13					4										.....
Denmark.....	1					1										.....
Finland.....	9					5										.....
France.....	1					1										.....
Germany.....	3					1										.....
Hungary.....	16		1			3		1								.....
Italy.....	15				1	5					1	2				.....
Netherlands.....	2					2										.....
Norway.....	7					2		1								.....
Poland.....	39				1	12	2				3	4				.....
Roumania.....	4					1		1								.....
Russia (U.S.S.R.).....	29					4	5	2	1		2					.....
Sweden.....	4					3	1									.....
Yugoslavia.....	13					6										.....
Other.....	7					5		1							1	.....
Asia.....	5			1		1		1							1	.....
China.....	3			1		1									1	.....
Japan.....																.....
Other.....	2							1								.....
United States.....	61				4	39	2	2			3	2				.....
Other American countries.....																.....
Other countries.....																.....
Unspecified.....	210		2	1	8	145	5	7	3		7	3	1		1	.....
Total Mothers.....	3,346	1	22	16	185	2,487	48	75	22	9	110	95	15	39	4	.....

Stillbirths) Classified According to Birthplaces of Parents, in the Ontario, 1944

OF MOTHER

British Possessions		Europe															Asia			United States	Other American countries	Other countries	Unspecified			
Newfoundland	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia	Other	China					Japan	Other	
2	3	3		1	1	1	1	3	2	2	1		8	1		1			1				48			1
1																							2			
1	3	2		1	1	1	1	3	1	2	1		6			1			1				4			1
		1							1				1										3			
													1	1									2			
1	1					1			1		2	1											7			
1	1					1			1		1												6			
										2													1			
1	1																						1			
																							1			
		3	2	9		5			11	6		1	21	2	12		4	1					6		1	
		3											1	1									6			
			2										1													
				8									1													
						3								1												
				1					11	1																
										5														1		
																								1		
													16		2									1		
													1	1										1		
													2		10									1		1
																	4							2		
																							1			
																							1			
																							1			
1								1						1									6			
1				1					1																	
																								5		17
6	5	6	2	11	1	7	2	4	14	10	2	2	30	3	13	1	4	1	1	1	1	1	73	1	1	18

161. Other diseases peculiar to the first year of life.....	231	147	84	12	7	15	9	11	8	9	7	18	9	8	4	15	6	8	8	12	8	14	8	13	6	12	4
166-168. Homicides.....	11	5	6	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
169-195-197. Other violent deaths.....	82	51	31	4	2	5	3	5	7	5	1	5	3	3	2	3	1	2	2	4	2	2	3	4	3	9	2
Other specified causes.....	63	38	25	6	6	2	4	6	4	4	2	2	2	1	1	1	2	5	5	4	1	3	2	2	2	2	3
199-200. Ill-defined and unknown causes of death.....	18	12	6	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1

Table 29—Deaths of Children (exclusive of Stillbirths) from Certain Specified

CAUSES OF DEATH	Total	Total under 1 year		Under 1 day		1 day & under 1 week		1 week & under 2 weeks		2 weeks & under 3 weeks	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
ALL CAUSES. Total.....	3,346	1,933	1,413	571	413	428	294	106	72	71	60
6. Cerebrospinal meningitis.....	8	4	4	.....	.....	.....	.....	.....	.....	.....	.....
9. Whooping cough.....	39	21	18	.....	.....	.....	.....	.....	.....	1	.....
11. Erysipelas.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....
13. Tuberculosis of the respiratory system.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
14-22. Tuberculosis, other forms.....	11	4	7	.....	.....	.....	.....	.....	.....	.....	.....
27. Dysentery.....	12	6	6	.....	.....	1	.....	.....	.....	.....	1
30. Syphilis.....	14	7	7	1	.....	.....	.....	.....	.....	.....	.....
33. Influenza.....	69	28	41	.....	.....	.....	1	.....	.....	.....	2
35. Measles.....	12	6	6	.....	.....	.....	.....	6	.....	.....	1
36. Acute poliomyelitis and polioencephalitis.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
64. Diseases of the thymus gland.....	43	29	14	1	.....	4	6	.....	1	1	.....
81. Meningitis (non-meningococcal).....	21	10	11	.....	.....	.....	.....	1	1	.....	.....
86. Convulsions.....	15	11	4	1	1	2	1	.....	.....	.....	.....
89. Diseases of the ear and of the mastoid process.....	12	9	3	.....	.....	.....	.....	.....	.....	.....	.....
105. Diseases of the larynx.....	4	2	2	.....	.....	.....	.....	.....	.....	.....	.....
106. Bronchitis.....	15	7	8	.....	.....	.....	.....	.....	1	1	.....
107. Bronchopneumonia.....	220	138	82	.....	.....	11	3	6	4	4	5
108-109. Pneumonia.....	109	60	49	.....	.....	7	3	2	.....	2	2
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils.....	6	1	5	.....	.....	.....	.....	.....	.....	.....	.....
116-118. Diseases of the stomach.....	2	1	1	.....	.....	.....	1	.....	.....	.....	.....
119. Diarrhoea and enteritis.....	314	172	142	.....	.....	1	.....	3	8	16	6
130. Acute nephritis.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....
157. Congenital malformations.....	526	283	243	54	58	62	46	27	22	16	16
(A) Congenital hydrocephalus.....	96	52	44	8	11	6	2	5	5	3	3
(D) Congenital malformations of the heart.....	165	102	63	16	11	32	15	8	3	5	3
(B, C, E) Others under this title.....	265	129	136	30	36	24	29	14	14	8	10
158. Congenital debility.....	81	48	33	7	4	11	10	3	1	.....	2
159. Premature birth.....	1,079	623	456	364	261	177	138	40	22	11	17
160. Injury at birth.....	324	207	117	90	59	90	49	5	2	9	1
161. Other diseases peculiar to the first year of life.....	231	147	84	41	27	55	31	14	8	4	8
166-168. Homicides.....	11	5	6	3	3	2	.....	.....	.....	.....	.....
169-195-197. Other violent deaths.....	82	51	31	4	.....	1	1	.....	1	2	.....
Other specified causes.....	63	38	25	3	.....	3	1	3	1	2	.....
199-200. Ill-defined and unknown causes of death.....	18	12	6	2	.....	1	3	1	.....	1	.....

Causes in First Year of Life, by Sex and Age at Death, Ontario, 1944

AGE AT DEATH																							
3 weeks & under 1 month		1 month & under 2 months		2 months & under 3 months		3 months & under 4 months		4 months & under 5 months		5 months & under 6 months		6 months & under 7 months		7 months & under 8 months		8 months & under 9 months		9 months & under 10 months		10 months & under 11 months		11 months & under 12 months	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
69	50	162	91	128	99	87	73	70	59	60	34	47	30	32	40	33	32	33	24	17	23	19	19
		1	4	5	1	3	5	1	1	2	4		1	1	2	2	3	2	3			1	
																							1
					1	1			1	1	1			2						1	3		
1	1		1		2	1	1	1											1	1			
1	1	4	3		1	1	2												1	1			
1	2	4	3		6	1	3	2	5	2	5		2	2	5	2	5	1	3	6	1	6	
			3		1	1	1				1		1	1	1	1	1					2	
			4		5	1	4	3	1	1	4		4	1	2								1
			4		2		2				3		2		1	3						1	1
2		1	1		2			1		1	1		1									1	1
					3	1			1	2	1		1	1	1				1			1	1
7	2	17	9	23	12	14	10	10	8	11	1	11	7	4	6	9	3	6	3	1	3	4	6
3	3	11	4	10	8	8	4	9	4	1	2	3	3	1	3	2	5		5		1	1	2
		1		1							1			1			1						
								1															
16	12	26	22	28	16	15	18	15	12	10	10	7	5	10	10	7	10	6	3	8	6	4	4
17	14	34	16	15	14	17	11	16	17	7	8	4	6	1	6	6	4	6	4	6	3	2	2
1	1	7	4	8	2	4		2	7	3	3	1	2		4	4	1	2			1	2	
5	1	16	5	4	6	4	6	4	4	3	3	2	2		1	1		2			1	2	
11	12	11	7	3	6	9	5	10	6	4	2	1	4		1	1		3	3		1		
3	2	8	5	9	5	3	5	3	1		2	1	1						1				
6	5	14	9	7	3	3	3			1													
	1	3	1	4	1	1	1	1	1	1					1	1	1		1		2		
	2	9	1	4	4	2	1	1	1	5		2					2	2				2	
		1		1					1														
2	1	10	3	9	7	5	7	6	3	3	2	2	1	2	1	1	1	2	1	2	1		1
1	1	6	1	1	6	2	6	1	2	3	1	2			2	3		4	1	3	1	1	2
		1	1				2		2			1	1	1									

Table 30—Total Deaths (exclusive of stillbirths) and Deaths in Institutions, showing the Number Non-resident in the Province of Ontario, 1944

Cities, Towns and Villages	ALL DEATHS						DEATHS IN INSTITUTIONS					
	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence
		In Canada	In United States	In Canada	In United States			In Canada	In United States	In Canada	In United States	
Total for the province.	39,813	297	155	293	127	39,781	17,795	174	67	165	54	17,733

Table 31—Total Deaths (exclusive of stillbirths) and Deaths in Institutions Classified according to residence of Decedents in Cities, Towns and Villages of Ontario, of 5,000 Population and Over, 1944 (as at Census 1941)

Cities, Towns and Villages	ALL DEATHS					DEATHS IN INSTITUTIONS						
	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence	Place of occurrence	Residence elsewhere		Deaths of residents occurring elsewhere		Place of residence
		In Canada	In United States	In Canada	In United States			In Canada	In United States	In Canada	In United States	
Cities:												
Belleveille.....	302	154	.....	23	.....	171	207	142	.....	15	.....	80
Brantford.....	471	83	.....	49	1	438	268	75	.....	33	1	227
Chatham.....	384	196	5	31	.....	214	282	189	5	24	.....	112
Fort William.....	309	88	.....	31	1	253	232	83	.....	21	.....	170
Galt.....	183	43	.....	19	.....	159	88	37	.....	16	.....	67
Guelph.....	253	71	2	87	1	268	131	57	1	77	1	151
Hamilton.....	1878	256	2	139	4	1763	1086	234	.....	104	2	958
Kingston.....	549	198	3	33	1	382	402	184	2	26	.....	242
Kitchener.....	460	160	1	28	2	329	298	151	.....	22	1	170
London.....	1315	438	5	74	2	948	935	404	4	37	.....	564
Niagara Falls.....	269	70	8	31	.....	222	165	67	2	15	.....	111
North Bay.....	178	49	1	14	.....	142	112	44	1	7	.....	74
Oshawa.....	264	78	2	22	.....	206	165	75	2	14	.....	102
Ottawa.....	1951	374	1	139	4	1719	1286	358	.....	73	1	1002
Owen Sound.....	236	70	.....	15	.....	181	130	58	.....	10	.....	82
Peterborough.....	418	115	.....	21	1	325	258	107	.....	16	.....	167
Port Arthur.....	328	83	1	25	2	271	230	72	.....	18	1	177
St. Catharines.....	369	110	.....	44	3	306	206	92	.....	31	1	146
St. Thomas.....	290	78	2	37	1	248	182	92	1	20	.....	109
Sarnia.....	250	62	2	20	1	207	139	58	2	13	.....	92
Sault Ste. Marie.....	266	32	2	29	1	262	159	29	1	19	.....	148
Stratford.....	245	78	.....	12	2	181	148	69	.....	6	.....	85
Sudbury.....	378	135	.....	43	.....	286	256	120	.....	33	.....	169
Toronto.....	8175	1216	16	657	29	7629	4384	1090	12	465	11	3758
Welland.....	193	98	.....	19	.....	114	140	95	.....	17	.....	62
Windsor.....	1115	233	15	51	18	936	734	218	12	35	11	550
Woodstock.....	194	40	.....	18	.....	172	105	35	.....	15	.....	85
Towns:												
Barrie.....	141	51	.....	16	1	107	75	40	.....	10	.....	45
Brampton.....	83	36	.....	17	.....	64	51	35	.....	10	.....	26
Brockville.....	235	89	.....	14	1	161	177	84	.....	11	1	105
Cobourg.....	122	25	2	8	.....	103	72	19	1	6	.....	58
Collingwood.....	121	44	.....	11	.....	88	66	38	.....	6	.....	34
Cornwall.....	266	94	1	25	1	197	203	88	1	21	.....	135
Dundas.....	54	.....	.....	32	.....	86	15	.....	.....	30	.....	45
Eastview.....	36	2	.....	29	.....	63	.....	.....	.....	26	.....	26
Fort Erie.....	90	23	3	10	6	80	48	19	2	6	6	39
Fort Frances.....	55	19	7	8	1	38	37	14	6	4	1	22
Hawkesbury.....	79	21	.....	12	.....	70	28	14	.....	12	.....	26
Ingersoll.....	77	21	.....	7	.....	63	45	20	.....	1	.....	26
Kenora.....	87	22	.....	10	.....	75	55	18	.....	7	.....	44
Leamington.....	65	13	2	10	.....	60	20	10	1	9	.....	18
Leaside.....	29	5	.....	23	.....	47	.....	.....	.....	19	.....	19
Lindsay.....	160	62	.....	11	.....	109	95	56	.....	6	.....	45
Midland.....	112	29	1	6	1	89	61	27	1	5	.....	38
Mimico.....	45	7	.....	49	.....	87	43	2	.....	44	.....	85
New Toronto.....	89	70	.....	37	.....	56	63	63	.....	35	.....	35
Orrilla.....	179	72	2	6	.....	111	122	67	2	4	.....	57
Parry Sound.....	96	49	2	5	1	51	61	43	1	3	1	21
Pembroke.....	197	82	.....	11	.....	126	138	77	.....	7	.....	68
Port Colborne.....	46	2	2	29	.....	71	.....	.....	.....	26	.....	26
Port Hope.....	64	14	.....	10	.....	60	34	11	.....	7	.....	30
Preston.....	33	2	.....	43	.....	74	1	.....	.....	41	.....	42
Renfrew.....	85	28	.....	9	.....	66	45	26	.....	9	.....	28
Simcoe.....	110	47	.....	12	.....	75	68	44	.....	8	.....	32
Smiths Falls.....	109	30	.....	9	.....	88	59	27	.....	4	.....	36
Thorold.....	47	20	.....	31	.....	58	23	17	.....	24	.....	30
Timmins.....	157	19	.....	36	.....	174	111	19	.....	26	.....	118
Trenton.....	48	3	.....	46	.....	91	.....	.....	.....	39	.....	39
Waterloo.....	44	5	.....	39	.....	78	.....	.....	.....	36	.....	36
Weston.....	37	2	.....	20	.....	55	1	1	.....	14	.....	14
Whitby.....	177	133	.....	23	.....	67	156	129	.....	21	.....	48
Villages:												
Forest Hill.....	51	2	1	24	.....	72	.....	.....	.....	15	.....	15
Long Branch.....	18	1	.....	25	.....	42	.....	.....	.....	24	.....	24
Swansea.....	27	.....	.....	24	.....	51	.....	.....	.....	18	.....	18

Table 32—Deaths (exclusive of Stillbirths) by Single Years of Age and by Age Groups in the Province of Ontario, 1944

AGES	TOTAL FOR PROVINCE			AGES	TOTAL FOR PROVINCE		
	Total	Male	Female		Total	Male	Female
All ages.....	39,781	21,629	18,152	50 years.....	383	242	141
Under 1 year.....	3,346	1,933	1,413	51 ".....	382	210	172
1 year.....	269	141	128	52 ".....	384	219	165
2 years.....	154	81	73	53 ".....	456	275	181
3 ".....	123	68	55	54 ".....	510	299	211
4 ".....	71	38	33	Total 50-54 years.....	2,115	1,245	870
Total under 5 years.....	3,963	2,261	1,702	55 years.....	480	300	180
5 years.....	87	52	35	56 ".....	514	338	176
6 ".....	82	58	24	57 ".....	509	302	207
7 ".....	69	44	25	58 ".....	562	315	247
8 ".....	59	43	16	59 ".....	578	346	232
9 ".....	48	36	12	Total 55-59 years.....	2,643	1,601	1,042
Total 5-9 years.....	345	233	112	60 years.....	626	376	250
10 years.....	48	33	15	61 ".....	632	360	272
11 ".....	51	30	21	62 ".....	694	409	285
12 ".....	41	32	9	63 ".....	755	445	310
13 ".....	44	21	23	64 ".....	747	436	311
14 ".....	47	28	19	Total 60-64 years.....	3,454	2,026	1,428
Total 10-14 years.....	231	144	87	65 years.....	788	444	344
15 years.....	76	48	28	66 ".....	750	425	325
16 ".....	80	50	30	67 ".....	861	482	379
17 ".....	72	48	24	68 ".....	850	471	379
18 ".....	107	71	36	69 ".....	883	499	384
19 ".....	93	54	39	Total 65-69 years.....	4,132	2,321	1,811
Total 15-19 years.....	428	271	157	70 years.....	915	491	424
20 years.....	97	60	37	71 ".....	855	508	347
21 ".....	109	66	43	72 ".....	991	524	467
22 ".....	110	66	44	73 ".....	991	548	443
23 ".....	98	45	53	74 ".....	1,034	545	489
24 ".....	98	44	54	Total 70-74 years.....	4,786	2,616	2,170
Total 20-24 years.....	512	281	231	75 years.....	1,072	587	485
25 years.....	96	51	45	76 ".....	999	507	492
26 ".....	101	46	55	77 ".....	996	498	498
27 ".....	94	47	47	78 ".....	960	479	481
28 ".....	105	58	47	79 ".....	984	477	507
29 ".....	122	61	61	Total 75-79 years.....	5,011	2,548	2,463
Total 25-29 years.....	518	263	255	80 years.....	949	485	464
30 years.....	105	50	55	81 ".....	843	419	424
31 ".....	120	63	57	82 ".....	784	348	436
32 ".....	102	54	48	83 ".....	855	388	467
33 ".....	113	63	50	84 ".....	763	378	385
34 ".....	169	87	82	Total 80-84 years.....	4,194	2,018	2,176
Total 30-34 years.....	609	317	292	85 years.....	684	317	367
35 years.....	135	74	61	86 ".....	578	287	291
36 ".....	152	84	68	87 ".....	511	241	270
37 ".....	153	93	60	88 ".....	404	160	244
38 ".....	146	78	68	89 ".....	343	156	187
39 ".....	174	105	69	Total 85-89 years.....	2,520	1,161	1,359
Total 35-39 years.....	760	434	326	90 years.....	281	115	166
40 years.....	161	88	73	91 ".....	176	73	103
41 ".....	194	108	86	92 ".....	184	61	123
42 ".....	168	98	70	93 ".....	129	62	67
43 ".....	213	125	88	94 ".....	106	43	63
44 ".....	262	139	123	Total 90-94 years.....	876	354	522
Total 40-44 years.....	998	558	440	95 ".....	66	27	39
45 years.....	220	127	93	96 ".....	39	18	21
46 ".....	290	170	120	97 ".....	38	20	18
47 ".....	302	178	124	98 ".....	25	9	16
48 ".....	336	210	126	99 ".....	6	4	2
49 ".....	314	176	138	Total 95-99 years.....	174	78	96
Total 45-49 years.....	1,462	861	601	100 years and over.....	19	10	9
				Not stated.....	31	28	3

Table 33—Deaths (exclusive of Stillbirths) Classified according to Racial Origin of Decedents in the Province of Ontario, 1944

RACIAL ORIGIN	Total	Male	Female
British.....	30,029	16,006	14,023
English.....	14,907	8,097	6,810
Irish.....	8,182	4,258	3,924
Scottish.....	6,564	3,416	3,148
Other.....	376	235	141
European.....	7,899	4,523	3,376
Austrian.....	95	56	39
Bulgarian.....	9	6	3
Czech and Slovak.....	84	54	30
Danish.....	49	34	15
Finnish.....	235	163	72
French.....	3,300	1,826	1,474
German.....	1,658	868	790
Greek.....	53	41	12
Hungarian.....	125	85	40
Icelandic.....	6	2	4
Italian.....	374	223	151
Lithuanian.....	14	9	5
Netherland, Flemish, Walloon.....	828	434	394
Norwegian.....	62	36	26
Polish.....	322	204	118
Roumanian.....	66	51	15
Russian (Races of U.S.S.R.).....	151	114	37
Swedish.....	107	71	36
Ukrainian*.....	276	185	91
Yugoslavic.....	73	52	21
Other.....	12	9	3
Asiatic.....	166	143	23
Chinese.....	125	116	9
Hindu (East Indian).....	2	1	1
Japanese.....	5	4	1
Syrian.....	29	18	11
Other.....	5	4	1
Indian.....	518	270	248
Jewish.....	504	290	214
Negro.....	112	58	54
Other races.....	2	2	.....
Unspecified.....	551	337	214
All origins.....	39,781	21,629	18,152

*Including all Ruthenian Russians.

Table 34—Deaths (exclusive of Stillbirths) Classified according to Towns and Villages of 10,000

Province, Cities, Towns and Villages	Total Deaths by Sex	BIRTHPLACE														
		Canada									British Isles					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. unspecified	England	Ireland	Scotland	Wales	Other
Total for the Province. Total	39,781	37	141	108	1,499	26,787	117	85	33	18	273	4,684	792	1,381	94	5
M.	21,629	16	86	59	799	14,144	70	48	14	11	128	2,659	434	751	61	31
F.	18,152	21	55	49	700	12,643	47	37	19	7	145	2,025	358	630	33	23
Cities, Towns and Villages of 10,000 and over. Total	19,062	25	87	79	836	10,903	63	47	18	9	183	2,929	535	939	65	37
M.	10,169	9	53	38	425	5,529	35	23	6	7	85	1,622	297	511	41	21
F.	8,893	16	34	41	411	5,374	28	24	12	2	98	1,307	238	428	24	16
Belleville. Total	171	...	3	2	2	137	...	...	...	...	...	18	...	2	...	...
M.	81	...	2	1	1	63	...	...	...	...	...	8	...	2	...	...
F.	90	...	1	1	1	74	...	...	...	...	...	10	...	...	...	...
Brantford. Total	438	...	...	...	1	281	1	1	...	...	2	80	6	21	1	1
M.	224	...	...	...	1	137	1	...	...	...	...	53	3	6	1	1
F.	214	...	...	...	...	144	...	1	...	...	2	27	3	15	...	...
Brockville. Total	161	...	...	...	6	126	...	...	...	...	1	12	2	4	...	1
M.	82	...	...	...	2	65	...	...	...	...	1	6	...	2	...	1
F.	79	...	...	...	4	61	...	...	...	...	...	6	2	2	...	...
Chatham. Total	214	...	...	1	1	163	...	...	1	...	...	27	2	3	...	...
M.	107	...	...	...	1	...	78	...	...	...	...	16	...	2	...	...
F.	107	...	...	...	1	85	...	...	1	...	...	11	2	1	...	...
Cornwall. Total	197	...	1	1	25	147	...	...	...	...	2	7	2	5	1	...
M.	105	...	1	...	15	76	...	...	...	...	2	4	...	2	1	...
F.	92	...	...	1	10	71	...	...	...	...	...	3	2	3	...	...
Forest Hill. Total	72	...	...	1	2	45	...	...	...	...	...	7	6	1	...	...
M.	35	...	...	1	2	18	...	...	...	...	...	5	4	1	...	...
F.	37	...	...	...	...	27	...	...	...	...	1	2	2	...	...	...
Fort William. Total	253	...	3	1	11	90	8	4	...	1	...	36	7	7	2	1
M.	164	...	3	...	6	58	6	2	...	1	...	19	4	5	1	1
F.	89	...	...	1	5	32	2	2	...	...	...	17	3	2	1	...
Galt. Total	159	...	...	...	1	107	1	1	...	...	...	27	1	13	...	1
M.	68	...	...	...	1	42	1	...	...	...	...	11	1	8	...	1
F.	91	...	...	...	...	65	...	1	...	...	...	16	...	5	...	...
Guelph. Total	268	...	...	...	2	196	...	...	...	...	1	35	6	16	2	1
M.	137	...	...	...	1	94	...	...	...	...	...	22	3	11	1	1
F.	131	...	...	...	1	102	...	...	...	...	1	13	3	5	1	...
Hamilton. Total	1,763	2	1	4	26	956	7	6	3	...	2	369	44	140	10	6
M.	943	...	1	1	13	496	2	3	1	...	1	200	16	80	7	5
F.	820	2	...	3	13	460	5	3	2	...	1	169	28	60	3	1
Kingston. Total	382	1	...	2	15	283	...	...	1	...	...	40	12	10	...	...
M.	205	...	...	...	6	145	...	...	...	...	...	26	6	7	...	...
F.	177	1	...	2	9	138	...	...	1	...	...	14	6	3	...	...
Kitchener. Total	329	...	...	...	3	236	2	1	...	...	1	15	...	5	1	1
M.	162	...	...	...	2	108	2	...	...	...	1	10	...	3	1	...
F.	167	...	...	...	1	128	...	1	...	...	...	5	...	2	...	1

Table 34—Deaths (exclusive of Stillbirths) Classified according to Towns and Villages of 10,000

Province, Cities, Towns and Villages	Total Deaths by Sex	BIRTHPLACE														
		Canada									British Isles					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. unspecified	England	Ireland	Scotland	Wales	Other
London..... Total	948	...	2	4	15	657	1	4	...	...	143	25	32	5	1
M.	470	...	2	1	6	329	1	2	...	...	59	15	14	2	1
F.	478	...	...	3	9	328	...	2	...	...	84	10	18	3	...
Niagara Falls..... Total	222	1	1	1	3	128	...	...	1	...	28	4	19	...	...
M.	130	1	1	1	3	66	...	...	1	...	18	4	10	...	...
F.	92	...	...	...	...	62	...	...	...	...	10	...	9	...	...
North Bay..... Total	142	...	...	2	15	93	...	...	...	...	10	2	1	...	...
M.	85	...	...	...	5	52	...	...	...	...	9	2	1	...	...
F.	57	...	...	2	10	41	...	...	...	...	1	...	...	...	...
Oshawa..... Total	206	...	...	...	3	128	...	...	...	...	32	5	11	1	...
M.	124	...	...	...	1	75	...	...	...	...	22	3	8	...	...
F.	82	...	...	...	2	53	...	...	...	...	10	2	3	1	...
Ottawa..... Total	1,719	5	15	16	377	972	7	3	3	1	7	121	32	35	2	1
M.	862	2	12	9	169	490	2	2	...	1	3	69	14	20	1	...
F.	857	3	3	7	208	482	5	1	3	...	4	52	18	15	1	1
Owen Sound..... Total	181	...	...	...	...	150	...	...	...	...	17	1	6	...	...
M.	92	...	...	...	...	76	...	...	...	...	10	...	2	...	...
F.	89	...	...	...	...	74	...	...	...	...	7	1	4	...	...
Pembroke..... Total	126	...	...	...	25	84	...	...	...	...	4	1	...	1	...
M.	64	...	...	...	12	39	...	...	...	...	3	...	...	1	...
F.	62	...	...	...	13	45	...	...	...	...	1	1	...	...	...
Peterborough..... Total	325	...	2	2	5	236	...	...	...	1	49	7	8	...	...
M.	178	...	...	2	1	122	...	...	...	...	32	6	7	...	...
F.	147	...	2	...	4	114	...	...	...	1	17	1	1	...	...
Port Arthur..... Total	271	1	2	3	17	93	9	3	...	...	1	26	2	15	...
M.	167	...	1	3	12	49	5	1	...	...	1	14	2	6	...
F.	104	1	1	...	5	44	4	2	...	...	1	12	...	9	...
St. Catharines..... Total	306	...	2	3	2	170	1	1	1	59	10	25	1	...
M.	163	2	81	1	1	31	7	17	1	...
F.	143	...	2	3	...	89	1	28	3	8
St. Thomas..... Total	248	1	1	...	2	167	1	...	46	5	13	...	1
M.	129	1	1	82	1	...	27	1	7	...	1
F.	119	...	1	...	1	85	19	4	6
Sarnia..... Total	207	1	155	1	1	19	5	6	1	...
M.	116	85	1	1	11	4	3
F.	91	70	8	1	3	1	...
Sault Ste. Marie..... Total	262	...	3	2	16	147	...	1	...	1	1	27	2	6	1	...
M.	157	...	3	1	11	84	...	1	...	1	1	14	...	1	1	...
F.	105	1	5	63	13	2	5
Stratford..... Total	181	137	1	32	2	1	...	1
M.	88	62	1	20	1
F.	93	75	12	1	1	...	1

Birthplace of Decedents for the Province of Ontario and for Cities, Population and Over, 1944—Continued

OF DECEDENTS		Europe															Asia			United States	Other Amer. countries	Other countries	Unspecified		
British Possessions		Newfoundland	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia					Other	China	Japan	Other
3	1	1	..	..	2	..	..	5	1	6	..	..	3	2	3	1	..	1	1	..	2	19	..	..	8
2	1	1	..	..	2	..	..	2	3	1	2	..	2	2	3	1	..	1	1	..	1	12	..	..	4
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
..	1	..	..	..	1	..	..	1	2	10	..	..	2	..	1	..	1	3	3	..	9	..	..	..	2
..	1	..	..	..	1	..	..	..	2	5	..	..	2	..	1	..	..	3	3	..	5	..	..	..	2
..	..	..	..	..	..	..	..	1	..	5	..	..	..	..	..	..	1	..	..	4	..	..	..	..	..
..	1	1	..	..	3	..	..	..	..	3	..	2	1	..	..	..	..	2	3	..	2	..	..	..	1
..	1	1	..	..	3	..	..	..	..	2	1	1	1	..	..	..	..	1	3	..	2	..	..	..	1
..	..	..	..	..	..	..	..	..	..	1	1	..	1	2	..	7	..	..	..	1	..	3	..	..	1
1	..	6	..	1	1	..	..	..	..	1	1	..	1	2	..	7	..	..	..	1	..	3	..	..	1
..	..	4	..	..	1	..	..	..	..	1	..	..	1	1	..	5	..	..	..	1	..	..	..	..	1
1	..	2	..	..	..	..	..	..	..	1	..	..	1	1	..	2	..	..	..	..	3	..	..	..	1
1	4	2	1	..	2	..	2	12	..	11	..	..	2	4	32	1	..	4	5	..	2	30	1	..	6
1	1	1	1	..	2	..	..	8	..	6	..	..	1	4	19	..	..	3	5	..	1	13	..	..	3
..	3	1	1	..	..	..	2	4	..	5	..	..	1	1	13	1	..	1	..	1	17	1	..	..	3
..	2	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	2	..	..	..	1
..	1	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	1
..	..	..	..	..	..	..	..	7	..	..	..	..	1	..	2	..	..	..	..	..	1	..	..	..	1
..	..	..	..	..	..	..	..	6	1	..	..	..	..	..	2	..	..	..	..	..	1	..	..	..	..
..	2	..	..	1	..	..	..	..	..	6	..	..	1	..	..	..	..	..	1	..	4	..	..	..	..
..	1	..	..	1	..	..	..	..	..	4	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..
..	1	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	1	..	3	..	..	..	..
..	2	4	..	..	33	..	..	..	..	8	..	6	8	..	10	10	1	2	1	..	4	..	..	10	..
..	1	3	..	..	22	..	..	..	..	6	..	5	6	..	8	6	1	2	1	..	3	..	..	9	
..	1	1	..	..	11	..	..	..	..	2	..	1	2	..	4	2	4	1	2	1	1	..	..	1	
..	..	..	..	..	..	..	..	..	..	2	1	..	6	1	6	..	..	..	2	..	12	..	..	1	
..	..	..	..	..	..	..	..	..	..	2	1	..	5	1	3	..	..	..	2	..	7	..	..	1	
..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	5	..	..	3	
..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	3	..	..	3	
..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	2	..	..	..	..
..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1	1	..	..	..	..	11	..	..	1	
..	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1	1	..	..	..	..	4	..	..	1	
..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	1	..	..	..	..	7	..	..	..	..
3	1	1	..	..	6	1	1	1	14	..	2	4	..	4	2	4	1	..	..	..	6	..	1	3	
3	1	1	..	..	4	1	1	1	9	..	2	4	..	4	1	2	1	..	..	..	2	..	..	3	
..	..	..	..	..	2	..	..	..	1	5	..	..	..	..	1	2	..	..	..	..	4	..	1	..	..
..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	3	..	..	1	
..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	..	1	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..

Table 34—Deaths (exclusive of Stillbirths) Classified according to Towns and Villages of 10,000

Province, Cities, Towns and Villages	Total Deaths by Sex	BIRTHPLACE														
		Canada									British Isles					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. unspecified	England	Ireland	Scotland	Wales	Other
Sudbury..... Total	286	1	.....	.....	40	188	.....	2	.....	.....	1	7	1	5	.....	.....
M.	172	.....	.....	.....	23	102	.....	2	.....	.....	1	5	1	5	.....	.....
F.	114	1	.....	.....	17	86	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
Timmins..... Total	174	.....	3	1	38	82	1	1	.....	.....	1	9	1	3	1	1
M.	101	.....	2	1	23	40	.....	.....	.....	.....	1	6	.....	1	1	.....
F.	73	.....	1	.....	15	42	1	1	.....	.....	.....	3	1	2	.....	1
Toronto..... Total	7,629	12	41	26	133	3,814	20	12	8	5	147	1,475	319	480	34	18
M.	4,096	5	22	13	74	1,938	11	5	4	3	65	812	185	253	21	8
F.	3,533	7	19	13	59	1,876	9	7	4	2	82	663	134	227	13	10
Welland..... Total	114	.....	.....	.....	7	60	.....	1	.....	.....	.....	14	3	4	1	.....
M.	68	.....	.....	.....	5	33	.....	1	.....	.....	.....	5	2	3	1	.....
F.	46	.....	.....	.....	2	27	.....	.....	.....	.....	.....	9	1	1	.....	.....
Windsor:..... Total	936	1	7	6	39	556	4	4	1	.....	8	108	19	32	.....	2
M.	517	.....	3	3	24	290	2	1	.....	.....	6	64	13	18	.....	1
F.	419	1	4	3	15	266	2	3	1	.....	2	44	6	14	.....	1
Woodstock..... Total	172	.....	.....	1	3	119	.....	1	.....	.....	1	30	1	10	.....	.....
M.	77	.....	.....	.....	2	54	.....	1	.....	.....	.....	11	.....	6	.....	.....
F.	95	.....	.....	1	1	65	.....	.....	.....	.....	1	19	1	4	.....	.....

Birthplace of Decedents for the Province of Ontario and for Cities, Population and Over, 1944

OF DECEDENTS

British Possessions		Europe													Asia			United States	Other Amer. countries	Other countries	Unspecified				
Newfoundland	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia					Other	China	Japan	Other
...	...	2	...	...	1	7	...	...	...	2	...	...	6	1	8	...	...	...	2	...	...	8	...	...	4
...	...	1	...	...	1	6	...	...	...	2	...	...	4	...	8	...	...	...	2	...	...	5	...	...	4
...	...	1	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	3	...	...	...
1	1	2	...	...	...	7	1	...	...	4	...	...	1	...	5	1	1	1	1	...	...	4	...	...	2
1	1	2	...	...	...	7	...	...	...	3	...	...	1	...	4	1	1	1	1	...	...	2	...	...	1
...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	2	...	...	1
46	47	21	3	9	1	23	15	6	17	63	5	3	222	21	192	6	11	39	65	1	9	191	3	1	65
24	26	11	2	7	1	15	8	2	14	35	...	1	128	16	123	4	10	30	62	...	9	90	2	...	...
22	21	10	1	2	...	8	7	4	3	28	5	2	94	5	69	2	1	9	3	1	...	101	1	1	57
...	...	...	...	...	...	...	1	...	8	7	...	...	5	...	...	...	2	...	...	...	...	1	...	...	...
...	...	...	...	...	...	...	...	1	...	6	6	...	3	...	...	...	2	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	2	...	1	...	...	2	...	...	...	...	...	...	...	...	1	...	...	...
2	2	3	1	10	3	2	6	3	10	7	...	...	13	13	20	1	8	1	6	...	4	29	...	...	5
1	1	2	1	6	1	2	1	...	7	5	...	...	6	12	10	1	7	1	5	...	2	17	...	...	4
1	1	1	...	4	2	...	5	3	3	2	...	...	7	1	10	...	1	...	1	...	2	12	...	...	1
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	1
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...

Table 35—Deaths (exclusive of Stillbirths) Classified according to

Birthplace of Father	Total Fathers	BIRTHPLACE														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Prov. unspecified	England	Ireland	Scotland	Wales	Other
Canada	17,185	27	125	95	1,717	11,760	53	78	22	12	1,313	488	382	262	14	5
Prince Edward Island	42	22	1	2	5						1	1	4			
Nova Scotia	165	1	94	4	6	28	1	1			3	1	5	1		
New Brunswick	113	1	3	68	6	28	1				1	5	1			
Quebec	1,969	1	5	5	1,433	346	4	2	1	17	24	28	15	1		
Ontario	13,249	2	23	15	261	11,162	25	45	13	6	159	386	305	215	13	4
Manitoba	70			1	3	34	16	3	2		1			1		
Saskatchewan	67				1	28	2	27		2		2				
Alberta	29				1	19	1	1	5				1			
British Columbia	19				1	3			3							
Province unspecified	1,462			1	4	10		1		1,132	5	9	41	19		1
British Isles	16,024	10	40	17	132	2,146	6	6	4		460	6,266	3,116	2,821	108	48
England	8,012	3	17	4	48	844	3	6	2		188	5,896	329	188	19	11
Ireland	4,169	5	7	10	59	748			1		157	189	2,632	143	4	3
Scotland	3,626	2	15	3	22	524	3		1		109	154	143	2,478	7	5
Wales	151		1			18					6	21	7	7	78	
Other	66				3	12					6	5	5			29
British Possessions	176	1	1		1	23					5	8	6	2		
Newfoundland	100	1			1	9					3	1				
Other	76		1			14					2	7	6	2		
Europe	3,257		4		14	245	10	11	1		36	28	19	12	1	1
Austria	146					2						1				
Belgium	37					4					2					
Czechoslovakia	76					1		1						1		
Denmark	35					1										
Finland	200					8					1					
France	135				4	28					3	6	5	1		1
Germany	799				1	118	1				18	7	6	1		1
Hungary	112					5										
Italy	309				3	16			1		2	3				
Netherlands	51		2			6					1				3	
Norway	47				1	2		1			3	2	4		1	
Poland	473				1	18	2	1			5	1				
Roumania	74					3		2								
Russia (U.S.S.R.)	493					4	6	3	1		4	2			1	
Sweden	75				1	4	1	1				1			1	
Yugoslavia	70					7						1				
Other	125				3	12		1				2	4	1		
Asia	143			1		2		1		1					2	
China	107			1		2				1					2	
Japan	5															
Other	31							1								
United States	942		2	4	26	332	5	3		1	45	49	44	15	1	
Other American countries	7					4					1	1				
Unspecified	2,047		2	1	18	235	6	8	3		15	22	10	11	3	
Total Mothers	39,781	38	174	118	1,908	14,747	80	107	30	14	1,874	6,862	3,578	3,125	127	54

Birthplaces of Parents of Decedents in the Province of Ontario, 1944

OF MOTHER		Europe																	Asia						
British Possessions																									
Newfoundland	Other	Austria	Belgium	Czechoslovakia	Denmark	Finland	France	Germany	Hungary	Italy	Netherlands	Norway	Poland	Roumania	Russia (U.S.S.R.)	Sweden	Yugoslavia	Other	China	Japan	Other	United States	Other Amer. countries	Other countries	Unspecified
		10	22	5	1	1	3	7	44	2	3	3	13	2	1	1	2	7	1	1	1	1	332	1	1	370
2																					4			2	
2																					3			4	
2																					3			3	
6	19	3	1	1	3	4	41	1	2	2	8	1	1	1	2	3	1	1	1	1	30	1		49	
		1																			261			255	
																					3			1	
																					1			1	
																					1			1	
																					25			55	
9	32	2			2	11	17	1	2	5	1	1		1		6	1				180	2		572	
5	15	2			1	6	5			2	2	1		1		3	1				84	1		325	
2	5				1	1	4			2	2	1				2					58			135	
1	10					4	5	1	2	1						1					34	1		100	
1	1																				3			8	
1	1																				1			4	
79	34									1				1							6			8	
78																					2			5	
1	34									1				1							4			3	
	1	126	31	68	24	182	74	614	104	266	25	34	414	56	431	53	52	91			1	34	1	193	
		119	30					1			1		2	1	1	1	1				1			15	
			65					3					2								2			1	
			1		24																1			4	
					175						1													16	
						63	5										1				6			11	
						7	596			1					2		2				13			24	
								98					1								1			5	
								1	2	265											1			17	
								1	2		24										1			4	
								1	1		31										2			4	
								1	1			396		10				1			1			31	
								1	1			1	55	1							1			10	
								2				12		417				2			1		1	31	
								1								53					1		1	7	
								2									51				3			5	
								6										85			1			7	
																					96	5	27	7	
																					96			5	
																					5				
																					27	1		2	
1	2					2	8				1	1		1				2						47	
1	1		2		1	2	2	1				1		2	1									1,691	
100	92	131	33	71	25	188	96	685	108	271	34	35	430	58	437	55	54	106	98	5	28	910	5	2	2,888

TABLE 36—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1944

CAUSES OF DEATH	Sex	Total	U-n- der 1	AGES—YEARS																	100 to and stat- ed								
				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	2	3	4	5	10	15	20	25	30	35	40	45	50	55	60	65		70	75	80	85	90	95	100	
DEATHS—ALL CAUSES. Total.....	...	39781	3346	269	154	123	71	345	231	428	512	518	609	760	998	1462	2115	2643	3454	4132	4786	5011	4194	2520	876	174	19	31	
M	21629	1933	141	81	68	38	233	144	271	281	263	317	434	558	861	1245	1601	2026	2321	2616	2588	2018	1161	354	78	10	28		
F	18152	1413	128	73	55	33	112	87	157	231	1255	292	326	440	601	870	1042	1428	1811	2170	2463	2176	1359	522	96	9	2		
2128	175	63	27	8	63	38	100	129	108	117	131	143	148	127	104	98	75	54	24	6	1	1	1	1	1	1	1	1	
M	1218	81	26	10	7	4	35	17	50	45	55	53	64	85	92	104	110	82	68	57	36	28	13	3	3	3	3	3	
F	910	94	37	17	10	4	28	21	50	75	74	55	53	46	28	39	38	45	36	41	39	26	11	3	1	1	1	1	
M	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
F	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
M	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
F	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
M	19	4	1	2	1	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	
F	17	4	1	3	1	1	3	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
M	14	4	1	1	1	1	3	5	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
F	17	1	1	1	1	1	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
M	26	21	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
F	28	18	7	3	3	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
M	9
F	10
M	5
F	3
M	7
F	2
M	623	4	4	2	1	1	9	6	29	39	47	38	42	58	56	60	61	41	31	20	6	4	1	1	1	1	1	1	
F	445	8	11	3	4	1	10	15	36	61	65	44	40	32	21	24	18	20	12	9	5	6	6	6	6	6	6	6	6
M	552	...	2	1	...	...	...	...	5	3	20	37	45	35	36	54	55	57	37	27	19	5	3	1	1	1	1	1
F	370	...	1	2	3	10	32	55	60	41	33	27	19	22	16	17	11	9	5	6	6	6	6	6	6
M	23
M	499	...	2	1	5	3	20	36	43	33	31	46	48	53	47	51	30	22	18	5	3	1	1	1	1
F	354	...	1	2	3	9	32	55	59	41	32	22	18	19	15	16	11	7	5	6	6	6	6	6	6
M	12
F	5
M	18
F	11

CLASS I—INFECTIOUS AND PARASITIC DISEASES

1. Typhoid fever.....

2. Paratyphoid fever.....

5. Undulant fever.....

6. Cerebrospinal meningitis.....

8. Scarlet fever.....

9. Whooping-cough.....

10. Diphtheria.....

11. Erysipelas.....

12. Tetanus.....

13-22. Tuberculosis.....

13. Tuberculosis of the respiratory system.....

13A. With mention of occupational diseases of lungs.....

13B. Without mention of occupational diseases of lungs.....

13C. Unspecified site.....

13D. With mention of dementia praecox.....

46A. Oesophagus.....	M	1163	1	1	1	5	34	52	82	104	130	181	180	176	129	54	16	2	46A
46B. Stomach.....	F	64	1	1	2	2	4	4	5	4	8	12	12	12	3	4			46B
46C. Duodenum.....	M	41	1	1	10	14	17	30	62	69	89	87	89	48	19	2			46C
46D. Rectum and anus.....	F	538	1	1	2	5	10	17	17	38	41	52	51	45	20	7			46D
46E. Intestines.....	M	308	1	1	5	5	1	1	1	1	2	2	2	5	3				46E
46F. Liver and biliary passages.....	F	206	1	1	3	4	7	16	22	29	31	42	24	20	4	1			46F
46G. Pancreas.....	M	118	1	1	2	5	7	15	10	15	18	16	14	9	4	2			46G
46H. Mesentery and peritoneum.....	F	338	2	2	10	17	11	16	29	40	54	70	46	38	11	1			46H
46M. Other and unspecified sites.....	M	432	1	1	3	8	17	23	32	45	55	67	62	54	20	4			46M
47. Cancer of the respiratory system.....	F	123	1	1	5	10	13	17	20	22	18	11	2	18	11	2			47
47A. Larynx.....	M	168	1	1	2	6	8	14	21	40	25	28	12	8	1				47A
47B. Lung.....	F	86	1	1	3	5	9	7	19	12	7	3	2	1	2				47B
47C. Mediastinum and other sites.....	M	70	1	1	2	1	2	1	5	2	1	2	4	1	1				47C
48. Cancer of the uterus.....	F	19	1	1	2	1	2	3	2	2	4	2	2	1	1				48
48A. Cervix.....	F	376	5	13	11	28	39	50	47	44	51	31	37	11	9				48A
48B. Other and unspecified sites.....	F	174	4	9	8	15	22	29	21	20	14	15	9	5	3				48B
49. Cancer of other female organs.....	F	202	2	1	4	3	13	17	21	26	24	37	16	28	6	6			49
50. Cancer of the breast.....	M	160	1	2	9	9	16	27	26	19	17	9	11	8	2	2			50
51. Cancer of the male genital organs.....	F	7	1	1	1	1	1	1	1	1	1	1	2	1	1				51
52. Cancer of the urinary organs.....	M	523	5	13	19	39	60	55	66	60	51	54	40	30	27	4			52
52A. Kidney.....	F	199	2	1	6	2	2	8	14	28	40	69	54	46	15	3			52A
52B. Bladder.....	F	113	1	1	1	3	11	13	19	25	25	39	28	17	10	1			52B
52C. Other and unspecified sites.....	M	43	2	1	1	1	6	4	4	5	4	7	3	2	1	2			52C
53. Cancer of the skin.....	F	36	1	1	1	1	2	5	7	21	17	22	19	6	1	1			53
54. Cancer of the brain.....	F	156	1	1	1	2	5	9	15	20	21	32	25	15	9	1			54
55. Cancer of other and unspecified organs.....	F	74	1	1	3	5	6	7	13	5	4	2	1	4	5	2			55
56. Non-malignant tumours.....	M	183	1	1	6	4	7	7	16	13	21	22	16	23	12	9	2	1	
56A. Ovary.....	F	102	1	1	2	1	3	4	8	9	12	8	30	18	10	4	2		56A
56B. Uterus.....	F	27	1	1	2	1	2	3	3	4	2	3	1	1	1				56B
56C. Other female genital organs.....	F	87	1	1	3	4	9	16	12	15	4	2	4	8	6	3			56C
56D. Brain and other parts of the central nervous system.....	F	31	2	2	1	1	9	3	2	2	1	1	3	1	2	1			56D
56E. Other and unspecified organs.....	M	38	1	1	8	6	5	11	2	1	1	1	2	1	1	2			56E
56F. Other and unspecified organs.....	F	16	1	1	1	1	3	1	3	2	1	1	1	1	1	1			56F
56G. Other and unspecified organs.....	M	9	1	1	1	1	4	2	2	1	2	2	1	1	1	2			56G
56H. Other and unspecified organs.....	F	10	1	1	1	1	2	1	2	1	2	2	2	1	2				56H

83c. Cerebral softening.	M	71	1	1	1	1	1	1	1	3	1	1	1		83C											
83b. Hemiplegia and other paralysis of unspecified origin.	F	5	1	1	1	1	1	1	1	1	1	1	1		83C											
83c. With mention of arteriosclerosis.	M	69	1	1	3	2	4	3	6	4	16	14	10	4	83D											
83d. Mental disorders and deficiency (general paralysis of the insane excepted).	F	78	1	1	1	1	2	5	8	9	8	16	12	7	83D											
84. Mental disorders and deficiency (general paralysis of the insane excepted).	M	1007	1	1	2	5	6	20	48	84	127	184	232	160	1 83E											
84A. Schizophrenia (dementia praecox).	F	1161	1	1	3	3	7	34	47	60	145	192	251	240	130	4	1	1	1	1	6					
84B. Others under this title.	M	25	4	1	4	2	2	1	3	1	2	3	2	2	1	1								84		
85. Epilepsy.	F	38	5	1	1	2	1	3	4	9	3	1	1	1	1										84A	
86. Convulsions (under 5 years of age).	M	5	8	2	1	1	1	3	2	1	1	3	1	1	1										84A	
87. Other diseases of the nervous system.	F	20	4	1	3	2	1	1	2	2	3	6	3	2	2	1									84B	
87A. Chorea.	M	30	5	1	1	1	1	1	1	2	3	6	3	1	2	2	1								85	
87B. Neuritis.	F	39	1	3	2	2	2	1	4	3	1	2	1	2	1	2									85	
87C. Paralysis agitans.	M	31	2	1	1	4	2	3	1	1	1	1	1	2	1	2									86	
87D. Disseminated sclerosis.	M	20	11	5	3	1	1	1	1	1	1	1	1	1	2	1									86	
87E. Others under this title.	F	7	4	2	1	1	1	1	1	1	1	1	1	1	1	1									87	
88. Diseases of organs of vision.	M	112	3	1	3	1	1	3	12	8	15	16	17	15	7	10	2								87	
89. Diseases of the ear and of the mastoid process.	F	104	2	1	2	1	4	2	5	3	5	12	19	23	10	10	2								87	
89A. Otitis and other diseases of the ear.	M	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									87A	
89B. Diseases of the mastoid process.	F	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									87B	
89C. Others under this title.	M	37	4	1	1	1	1	1	1	1	1	1	1	1	1	1									87C	
90. Diseases of the heart.	F	40	1	1	1	1	1	1	1	1	1	1	1	1	1	1									87C	
90A. Coronary thrombosis.	M	57	1	1	1	1	1	1	1	1	1	1	1	1	1	1									87D	
90B. Rheumatic fever.	F	48	1	1	1	1	1	1	1	1	1	1	1	1	1	1									87D	
90C. Others under this title.	M	15	3	1	1	1	1	1	1	1	1	1	1	1	1	1									87E	
90D. Diseases of the respiratory system.	F	12	3	1	1	1	1	1	1	1	1	1	1	1	1	1									87E	
90E. Diseases of the genitourinary system.	M	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1									88	
90F. Diseases of the ear and of the mastoid process.	F	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1									88	
90G. Diseases of the respiratory system.	M	31	9	1	3	1	3	2	2	2	2	2	2	2	2	2									89	
90H. Diseases of the genitourinary system.	F	17	3	1	2	1	2	1	1	1	1	1	1	1	1	1									89	
90I. Diseases of the ear and of the mastoid process.	M	21	8	1	3	1	1	1	1	1	1	1	1	1	1	1									89A	
90J. Diseases of the respiratory system.	F	14	2	1	1	1	1	1	1	1	1	1	1	1	1	1									89A	
90K. Diseases of the ear and of the mastoid process.	M	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1									89B	
90L. Diseases of the respiratory system.	F	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1									89B	
Total		13391		3	2	2	9	28	34	47	68	128	228	410	709	939	1359	1682	2037	2154	1839	1158	430	94	8	14
90-95. Diseases of the heart.	M	7547		2	1	8	15	27	43	79	143	291	494	662	862	1001	1157	1082	889	529	184	40	5	13	1	
90-95. Diseases of the heart.	F	5844		1	2	1	7	10	19	20	25	49	85	119	215	277	497	681	880	1072	950	629	246	54	3	1
90-95. Diseases of the heart.	M	7040		1	1	7	13	27	42	78	138	281	481	646	835	961	1087	1008	776	448	144	31	5	12	90-95	
90-95. Diseases of the heart.	F	5303		2	1	6	10	19	19	23	48	80	112	206	272	484	651	832	989	830	524	211	39	3	1	

CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM

TABLE 36—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1914—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																			100 over	Not 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		
90. Pericarditis (acute rheumatic excluded)	M	2																												
	F	2																												
90b. Others under this title	M	2																												
	F	2																												
91. Acute endocarditis (non-rheumatic)	M	52		1	1																									
	F	41		2	1																									
91A. Bacterial endocarditis (acute, subacute or unspecified)	M	44			1																									
	F	26			1																									
91B. Other acute or subacute endocarditis	M	5			1																									
	F	10				1																								
91C. Endocarditis (not specified under 45 years)	M	3																												
	F	5																												
92. Chronic affections of the valves and endocardium	M	528			3					4	6	7	6	12	15	25	31	50	53	66	72	74	58	34	10	1				
	F	528							2	4	4	8	9	17	9	22	29	39	41	64	65	93	65	41	15	1				
92A. Specified valvular diseases (rheumatic)	M	182								3	4	3	6	9	9	7	15	14	21	22	14	21	20	11	1					
	F	206								3	2	6	7	15	6	13	19	18	14	31	17	28	16	6	4	1				
92B. Other specified valvular diseases (non-rheumatic)	M	211									2	4	2	5	10	14	25	15	29	34	33	19	11	7	1					
	F	200								1	2	2	1	2	2	3	5	12	17	13	27	46	36	22	7					
92C. Unspecified valvular lesions and endocarditis	M	135								1				1	1	8	2	11	17	15	24	20	19	12	2					
	F	122								1				1	1	6	5	9	10	20	21	19	13	4						
93. Diseases of the myocardium	M	3,422								3	6	14	18	37	74	127	204	311	407	537	581	526	309	117	24	4				
	F	3,175								3	4	4	11	34	39	99	125	258	325	477	612	575	320	167	36	3				
93A. Acute myocarditis	M	50								1				1	3	2	5	3	2	4	8	4	10	5	2					
	F	44								1				1	3	2	4	2	4	3	8	10	6	3	1					
93B. Myocarditis (not specified under 45 years)	M	24								1	3	3	8	3	5															
	F	7								1	2	1		2	1															
93C. Chronic myocarditis and myocardial degeneration (rheumatic)	M	72								2				3	3	1		5	7	10	5	10	15	3						
	F	142								1				1	2	8	2	9	6	15	15	23	22	23	10	3				
93b. Chronic myocarditis (non-rheumatic)	M	256								2	3	2	9	29	44	91	151	240	311	430	458	421	250	92	19	2				
	F	247								1	2	1	2	7	25	26	64	101	204	251	372	476	457	320	135	30	2			
93E. Other myocarditis (not specified)	M	615														25	28	44	60	78	108	103	82	54	25	5	2			
	F	505														10	24	14	37	56	74	104	89	64	28	4	1			
94. Diseases of the coronary arteries and angina pectoris	M	2,936								6	14	41	71	173	313	361	444	464	444	464	444	324	165	92	13	4				
	F	1,401								3	4	8	21	38	64	96	162	241	261	252	162	162	162	65	20	2				

TABLE 36—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1944—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS														100 to and over	Not to 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	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1
106c. Unspecified.....	M	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	4	3	1	1	106C
107. Broncho pneumonia.....	F	138	13	5	3	1	6	4	3	4	4	5	2	5	8	16	24	20	31	32	42	55	47	40	2	2	1	1	107
108. Lobar pneumonia.....	F	373	82	16	7	1	5	1	2	2	4	2	2	2	3	6	9	9	19	19	24	40	63	36	19	1	1	1	108
109. Pneumonia (unspecified).....	F	282	19	5	2	1	1	1	2	2	2	2	2	2	3	8	17	25	36	36	36	26	31	15	5	1	1	1	109
109. Pneumonia (unspecified).....	M	178	41	6	3	1	2	2	2	3	2	2	3	5	3	6	9	8	13	17	22	34	27	13	8	2	1	1	110
110. Pleurisy.....	F	137	30	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	7	9	17	20	10	4	1	1	1	110
110. Pleurisy.....	M	27	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	7	9	19	20	11	10	1	1	1	110A
110. Empyema.....	F	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	110B
110. Others under this title.....	M	22	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	1	2	1	1	1	1	1	1	110A
110. Others under this title.....	M	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	110B
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs.....	M	58	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	2	4	3	5	10	4	13	8	1	1	1	111
111. Haemorrhagic infarction and thrombosis of the lungs.....	F	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	7	9	3	14	13	10	1	1	1	111
111A. Haemorrhagic infarction and thrombosis of the lungs.....	M	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	111A
111B. Others under this title.....	F	49	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	3	2	4	8	3	13	7	1	1	1	111B
112. Asthma.....	M	57	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	8	3	13	10	1	1	1	1	112
112. Asthma.....	F	48	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	10	9	4	2	4	4	3	3	1	1	1	112
113. Pulmonary emphysema.....	M	30	2	1	1	1	1	1	1	1	1	1	1	1	2	2	6	2	1	3	1	5	2	3	2	1	1	1	113
113. Pulmonary emphysema.....	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	1	113
114. Other diseases of the respiratory system (tuberculosis excepted).....	M	44	3	1	1	1	1	1	1	1	1	1	1	1	2	3	6	6	3	3	7	2	1	1	1	1	1	1	114
114. Other diseases of the respiratory system (tuberculosis excepted).....	F	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	114
114A. Silitosis.....	M	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	114A
114C. Gangrene of lung.....	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	1	114C
114B. Others under this title.....	F	35	3	1	1	1	1	1	1	1	1	1	1	1	2	3	4	5	1	2	5	1	1	1	1	1	1	1	114B
114B. Others under this title.....	F	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	114B
Total.....		1785	325	28	14	18	8	26	24	27	29	31	38	57	59	96	134	150	150	140	163	139	82	40	5	1	1	1	1
102A. Others under this title.....	M	1024	176	10	10	12	3	14	13	9	11	17	27	35	36	58	87	98	94	72	94	80	49	16	1	1	1	1	1
102B. Others under this title.....	F	761	149	18	4	6	5	12	11	18	18	14	11	22	23	38	47	52	56	68	69	59	33	24	4	1	1	1	1

CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM

Total.....

	M	F	56	1	2	3	4	5	3	4	1	1	1	4	2	4	5	2	4	3	5	3	1	1	195E
195E. Other and unspecified objects	M	F	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	195E
196-198. Operations of war and legal executions	M	F	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	196-198
196. Deaths of persons in military service during operations of war	M	F	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	196
CLASS XVII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH																									
Total	M	F	78	18	4	3	1	1	2	2	2	3	2	4	7	2	10	10	4	1	1	1	1	1	199
199. Sudden death	M	F	7	4	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	199
200. Ill-defined and unknown causes	M	F	47	12	3	2	1	1	1	1	2	2	3	4	4	7	5	1	1	1	1	1	1	1	200
200A. Ill-defined	M	F	20	6	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	200A
200B. Found dead	M	F	6	2	1	1	1	1	1	1	1	1	1	2	3	1	2	1	1	1	1	1	1	1	200B
200C. Unknown or unspecified cause	M	F	26	12	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	200C

CLASSIFICATION OF ACCIDENTAL DEATHS ACCORDING TO THE NATURE OF INJURY

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

Accidental absorption of poisonous gas	M	F	54	2	4	3	1	2	4	1	3	4	3	7	2	3	1	3	2	4	1	1	1	1
Accidental burns	M	F	25	1	2	2	3	2	3	5	10	7	7	4	3	4	2	6	9	3	2	2	2	2
Accidental mechanical suffocation	M	F	101	3	3	6	5	2	1	3	2	3	4	4	2	1	4	1	4	7	5	3	2	2
Accidental drowning	M	F	20	23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Accidental injury by cutting or piercing instruments	M	F	12	9	7	5	7	6	43	27	45	24	10	20	6	11	13	5	7	8	7	6	3	1
Accidental injury by fall	M	F	57	1	4	6	3	5	6	4	5	2	1	2	2	3	1	2	1	2	1	1	1	5
Accidental injury by crushing	M	F	20	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Accidents due to electric currents	M	F	316	2	3	11	11	6	41	24	58	93	47	40	48	47	44	33	35	41	29	23	21	4

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Single						Married					Wid- owed	
			Under 15	15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over	Age not stat- ed		
DEATHS—ALL CAUSES															
Total		39781	4539	743	778	1295	2838	9	192	2020	7113	8632	6	11430	
	M	21629	2638	489	513	804	1361	8	59	1014	4399	5877	5	4297	
	F	18152	1901	254	265	491	1477	1	133	1006	2714	2755	1	7133	
CLASS I—INFECTIOUS AND PARASITIC DISEASES															
Total		2128	391	181	173	102	72		39	290	380	192		296	
	M	1218	180	89	107	74	45		6	138	290	139		138	
	F	910	211	92	66	28	27		33	152	90	53		158	
1. Typhoid Fever.....	M	2								1	1				
	F	3		1	1					1					
2. Paratyphoid fever.....	M	1	1												
	F	2												2	
5. Undulant fever.....	M	2								1				1	
6. Cerebrospinal meningitis.	M	19	12		2	1				3				1	
	F	17	12	2		1				1				1	
8. Scarlet fever.....	M	14	6	3	1	1				3	1				
	F	17	10	1					1	4	1				
9. Whooping cough.....	M	26	26												
	F	28	28												
10. Diphtheria.....	M	9	8	1											
	F	10	5	2					1	1	1				
11. Erysipelas.....	M	5	1							1	1	1		1	
	F	3				1					1			1	
12. Tetanus.....	M	7	2							1	1	2		1	
	F	2	1						1						
13-22 Tuberculosis.....	M	623	27	63	88	45	19		5	91	172	49		61	
	F	445	52	71	56	19	6		26	117	51	11		36	
13. Tuberculosis of the respira- tory system.....	M	552	11	52	82	44	18		5	79	160	43		55	
	F	370	17	65	48	18	6		22	105	44	10		35	
13A. With mention of occupa- tional diseases of lungs	M	23			3	2				4	8	3		3	
13B. Without mention of occu- pational diseases of lungs	M	499	11	51	71	40	15		5	73	143	38		50	
	F	354	16	65	42	17	5		22	104	40	10		33	
13c. Unspecified site.....	M	12		1						1	6	2		1	
	F	5	1							1	2			1	
13d. With mention of demen- tia praecox.....	M	18		1	7	2	2			1	3			1	
	F	11			6	1	1				2			1	
14. Tuberculosis of the meninges and central nervous system.....	M	25	14	4		1				5				1	
	F	41	29	3	3					5	1				
15. Tuberculosis of the intestines and peritoneum.	M	7	1	2	1						3				
	F	12		2	2	1			2						
16. Tuberculosis of the verte- bral column.....	M	8			3					1	2	2			
	F	4								1	3				
17. Tuberculosis of other bones and joints.....	M	8		3							1	1		3	
	F	2	1	1											
17A. Bones.....	M	1												1	
	F	1	1												
17B. Joints.....	M	7		3							1	1		2	
	F	1		1											
19. Tuberculosis of the lym- phatic system (bron- chial, mesenteric, mediastinal and retro- peritoneal glands excepted).....	M	6		1	1		1				1	2			
	F	1			1										
20. Tuberculosis of the genito- urinary system.....	M	9		1	1					2	4			1	
	F	7			2						2	1			
21. Tuberculosis of other organs.....	M	2									1			1	
	F	3	1								1			1	

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944

Not stat- ed	NATIVITY					MONTHS											
	Cana- da	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
186	29098	7209	846	2390	238	3923	3384	3642	3383	3468	3097	2981	3064	2939	3284	3123	3493
165 21	15375 13723	4050 3159	404 442	1596 794	204 34	2086 1837	1781 1603	1949 1693	1842 1541	1880 1588	1749 1348	1628 1353	1666 1398	1610 1329	1803 1481	1716 1407	1919 1574
12	1630	235	38	214	11	305	196	211	204	167	151	137	147	145	132	147	186
12	840 790	163 72	27 11	178 36	10 1	175 130	110 86	105 106	119 85	92 75	96 55	76 61	87 60	83 62	84 48	80 67	111 75
1	1			1					1			1		1			2
3	1																
2	2									1	1						
2	17	1	1			3	1	2	1	1	1	1	1	2	1	1	4
15	15	1		1		3	3	3	3			2				1	1
11	11	1		1	1	1	1	1	1	3		1	1	3		1	8
13	13	1	2	1		6	3	2	1	1	1	1	1			1	3
26	26					3	1	1	1	1	3	1	5	1	3	3	9
28	28					6	4	4	2	1	3	2	3	1	1	1	10
9	9						2					1		1	1	2	3
10	10					1	1		1	1				1	1	1	11
5	5	1						1	1		1			1			
2	2	1				1		2						1	2	1	12
2	2								1			1		1			
3	381 389	103 29	15 6	119 20	5 1	65 29	46 34	54 48	68 44	54 40	55 31	43 39	52 42	43 31	45 25	39 40	59 42
13-22																	
3	327 321	98 26	12 6	110 16	5 1	57 26	36 27	47 37	63 37	48 33	51 27	40 29	47 37	40 24	40 22	33 38	50 33
12	6		5				1	1	5	1	2	1	4		1	2	5
13A																	
2	296 309	87 26	12 6	100 13	4	55 24	34 25	42 36	54 34	43 31	44 26	36 29	41 34	40 24	39 21	30 37	41 33
13B	8	1		3		1		2	1	2	2		2			1	1
13C	5					1	1			1			1			1	
1	11 7	4		2 3	1 1	1 1	1 1	2 1	3 3	2 1	3 1	3 1	3 2		1		3
13D																	
14	20 40	2	1	2 1		2 5	4 10		2 3	4 4	2 2	1 6	3 5	1 5	2	3	14 14
15	7 11					2 1	1 1	1 1	1 3	1 2	1 1			1 1	2	1	15 1
16	5 3		1	2		1 1	1	2			1	1					2 2
17	8 2						1	1	1	1		1	1			2	17
17A	1 7												1		1		17A
17B	7 1						1	1	1	1		1			2		17B
19	3 1	1	1	1			2 1	2				1					1 19
20	3 4	2 1		4 2		2			1 1		1 1		1 2		2	1	3 1
21	2 3					1 1								1	1		2 1

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Single					Married								
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated	Widowed		
22. Disseminated tuberculosis	M	6	1									3	1	1		
	F	5	4									1				
22A. Acute generalized miliary	M	6	1									3	1	1		
	F	4	3									1				
22P. Other and unspecified generalized	F	1	1													
24. Purulent infection and septicaemia	M	8	2	2								1	1	1		
	F	6										2	1			2
25. Gonococcus infection	M	1		1												
	F	1										1				
27. Dysentery	M	11	7												2	2
	F	12	10											1		1
28. Malaria	M	2			1											
	F	1														
30. Syphilis	M	183	7	2	12	19	10					15	70	22		18
	F	61	8	5	1	1	4				2	10	14	2		14
30A. Locomotor ataxia (tabes dorsalis)	M	21			2	2	1						7	5		4
	F	2											2			
30P. General paralysis of the insane	M	50		1	5	8	3					2	21	2		4
	F	16		1	1	1	1					3	4			5
30C. Other syphilis of the central nervous system	M	15			1	2	3					4	3	1		1
	F	4		1			1							1		1
30D. Others under this title	M	97	7	1	4	7	3					9	39	14		9
	F	39	8	3			2				2	7	8	1		8
32. Other diseases due to spirochaetes	M	5		2								1	1	1		
	F	6										1		3		
33. Influenza	M	204	46	7	2	8	14					1	5	20	53	47
	F	230	61	4	4	4	14				1	6	13	30		93
33A. With respiratory complications	M	135	25	4		5	13					3	16	33		35
	F	141	31	1	1		10			1		3	12	21		61
33B. Without respiratory complications	M	69	21	3	2	3	1			1		2	4	20		12
	F	89	30	3	3	4	4					3	1	9		32
35. Measles	M	22	21	1												
	F	16	14	1	1											
36. Acute poliomyelitis and polioencephalitis	M	13	7	3	1							1	1			
	F	8	4	3												1
37. Acute infectious encephalitis	M	5										1	3	1		
	F	10	2		2								1	2		3
38. Other diseases due to filterable viruses	M	4	4													
	F	5	3		1											1
38A. Rabies	M	1	1													
	F	3	3													
38C. Chicken-pox	M	3	3													
	F	4	3		1											
38D. Others under this title	F	1														1
39. Typhus fever	F	1											1			
43. Mycoses	M	2	1													1
	F	5										2	1	1		1
44. Other infectious and parasitic diseases	M	50	2	4		1						13	18	7		5
	F	22		2		2	2					6	4	4		2
44A. Other venereal diseases	F	1														1
44P. Lymphogranulomatosis (Hodgkin's disease)	M	49	1	4		1						13	18	7		5
	F	21		2		2	2					6	4	4		1
44C. Mumps	M	1	1													
CLASS II.—CANCER AND OTHER TUMOURS																
Total		5380	44	36	92	252	373				5	326	1448	1307	1	1482
M		2576	31	24	43	111	159				3	103	687	875	1	528
F		2804	13	12	49	141	214				2	223	761	432		954
45-55. Cancer and other malignant tumours																
M		2537	26	22	42	110	158				3	96	673	869	1	526
F		2699	11	10	42	134	210				1	197	733	422		936

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stated	NATIVITY				Not stated	MONTHS											
	Canada	British	Foreign			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
	6					1	1	1					2			1	22
	4			1							1					1	3
	6					1	1	1					2				1 22A
	3			1							1				1		2
	1																1 22B
	7			1						2	1	1	1				3 24
	5			1				2	1	1							1
	1					1											25
	10	1				1		1	1			1	5	3			27
	12										1	2	5				1
	2										1	1	1				28
8	104	29	6	40	4	18	17	13	10	20	16	13	10	14			22 30
	49	9		3		4	1	5	8	5	5	7	4	4	5	6	
	8	5	2	6		2	2	1	1	2	4	1	3			2	3 30A
	2								2								
4	30	6		13	1	4	6	2	2		6	6	4	2	7	9	30B
	12	3		1			2	2	3	1		1	3	1	2	2	
	9	2		4			1	4	2		1	1		3	2		1 30C
	4					2					1	1			1		
4	57	16	4	17	3	12	8	10	8	8	9	8	6	8	6	5	9 30D
	31	6		2		2	1	3	3	4	7	3	4	3	2	3	4
	4	1						1	1								1 32
	6							2	2		1						1
1	178	17	3	6		74	28	21	22	14	6	3	5	2	10	9	10 33
	194	28	3	5		78	38	26	20	12	4	3	2	11	9	12	15
1	115	15	1	4		48	21	15	13	9	2	2	4	1	5	8	7 33A
	118	18	2	3		53	20	16	14	9	4	3	1	3	5	7	6
	63	2	2	2		26	7	6	9	5	4	1	1	1	5	1	3 33B
	76	10	1	2		25	18	10	6	3			1	8	4	5	9
	22					2	6	3	1	4	2	1				3	
	16					2		5	2	3	4						35
	13									1			2	3	5	1	1 36
	8										2		5	1			
	4			1			1			1	1		1	1			
	7	1		2				2		4		2	1		1		37
	4					1		1						1			1 38
	5								1	2		1					1
	1													1			38A
	3					1		1									1 38C
	4									2		1					1
	1								1								38D
	1													1			39
	1			1						1					1		43
	5							1		1	1			1			
	31	9	2	8		7	4	3	8	2	2	3	3	3	6	4	5 44
	17	2		3			4	3	1	2	1	2	1	1	3	2	2
	1						1										44A
	30	9	2	8		7	4	3	7	2	2	3	3	3	6	4	5 44B
	16	2		3			3	3	1	2	1	2	1	1	3	2	2
	1								1								44C
14	3475	1307	145	425	28	485	444	429	476	468	430	463	446	430	462	408	439
11	1567	667	55	262	25	239	200	203	218	228	219	216	210	210	230	201	202
3	1908	640	90	163	3	246	244	226	258	240	211	247	236	220	232	207	237
11	1542	656	54	260	25	235	198	198	215	226	217	212	209	208	226	196	197
3	1834	622	89	151	3	238	236	218	250	227	202	235	231	216	220	194	232

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stat- ed	NATIVITY					MONTHS												
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
.....	80	34	4	7	2	10	12	12	10	7	14	8	11	7	12	10	14	45
.....	25	13	2	.....	.....	2	7	5	4	3	3	.....	3	4	3	3	3	.....
7	817	374	32	148	11	126	100	91	127	133	115	120	110	125	128	109	98	46
.....	799	262	37	63	2	99	90	111	121	85	99	98	98	88	102	77	95	.....
.....	34	21	1	8	.....	5	7	1	7	5	8	3	9	4	6	3	6	46A
.....	21	16	.....	4	.....	4	1	4	3	1	3	3	7	4	3	5	3	.....
6	295	153	8	75	7	54	30	28	46	53	52	52	46	53	58	30	36	46B
.....	198	73	11	25	1	21	25	31	35	21	23	26	31	23	29	14	29	.....
.....	4	.....	.....	1	.....	1	.....	.....	.....	2	.....	.....	2	.....	.....	.....	.....	46C
.....	7	1	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....
.....	125	56	8	17	.....	16	17	21	18	17	14	19	14	15	19	26	10	46D
.....	78	33	3	4	.....	12	11	10	10	8	8	10	12	8	12	7	10	.....
1	220	86	11	18	3	34	24	20	30	29	28	33	21	35	24	31	29	46E
.....	308	96	14	13	1	39	24	44	46	34	38	33	31	33	42	35	33	.....
.....	77	34	2	10	.....	6	13	13	16	13	4	9	13	10	9	6	11	46F
.....	128	23	5	12	.....	13	18	14	17	15	19	21	9	11	9	14	8	.....
.....	47	20	2	16	1	9	6	7	9	11	8	3	4	7	10	8	4	46G
.....	49	15	2	4	.....	7	7	8	8	2	6	4	7	6	5	1	9	.....
.....	9	2	.....	1	.....	2	2	1	1	2	1	.....	.....	.....	.....	3	.....	46H
.....	8	4	2	1	.....	2	3	.....	1	2	1	1	.....	2	2	1	.....	.....
.....	6	2	.....	2	.....	.....	.....	.....	.....	1	.....	.....	1	1	2	2	2	46M
.....	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	1	1	.....
2	94	83	5	49	5	21	20	24	18	15	22	21	25	21	18	13	18	47
.....	50	32	4	14	.....	4	8	3	11	13	8	12	12	6	3	8	12	.....
.....	10	10	.....	10	.....	2	3	5	2	3	1	3	3	2	4	2	.....	47A
.....	6	1	1	3	.....	2	2	.....	.....	.....	.....	.....	2	1	.....	1	3	.....
1	63	37	2	21	3	9	8	13	9	7	16	10	13	11	11	8	11	47B
.....	35	24	3	8	.....	2	6	3	7	9	8	8	8	4	2	5	8	.....
.....	21	36	3	18	2	10	9	6	7	5	5	8	9	8	3	3	7	47C
.....	9	7	.....	3	.....	.....	.....	.....	4	4	.....	4	4	1	2	1	.....	.....
1	247	97	10	22	.....	29	33	26	42	31	26	32	35	28	38	26	30	48
.....	110	51	4	9	.....	10	16	16	21	13	11	18	19	14	12	13	11	48A
.....	137	46	6	13	.....	19	17	10	21	18	15	14	16	14	26	13	19	48B
.....	112	37	4	7	.....	25	14	10	8	18	8	9	11	13	14	15	15	49
.....	5	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	360	115	20	27	1	45	44	40	38	44	37	54	43	52	42	41	43	50
.....	2	203	67	15	2	32	31	16	22	26	30	30	19	19	27	15	25	51
.....	132	42	3	18	4	19	21	19	15	18	12	14	16	14	15	17	19	52
.....	84	21	4	4	.....	11	14	10	11	6	5	5	11	13	6	7	14	.....
.....	31	5	1	4	2	3	1	5	7	6	1	4	2	6	1	3	4	52A
.....	26	7	3	.....	.....	4	3	6	3	4	3	1	1	4	1	2	4	.....
.....	101	37	2	14	2	16	20	14	8	12	11	10	14	8	14	14	15	52B
.....	56	13	1	4	.....	7	10	4	8	2	2	2	4	9	8	5	10	.....
.....	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	52C
.....	39	6	.....	1	.....	4	2	10	2	6	2	3	4	4	3	6	.....	53
.....	19	5	.....	2	.....	3	4	.....	.....	1	1	4	1	2	4	4	2	.....
.....	45	8	3	9	.....	5	4	4	4	5	8	3	6	4	5	9	8	54
.....	25	4	3	4	.....	3	7	2	5	6	1	3	2	.....	3	2	2	.....
.....	127	40	2	13	1	16	8	21	17	16	13	13	18	13	16	17	15	55
.....	113	36	5	8	.....	17	15	11	10	20	14	18	15	10	5	11	16	.....
.....	15	10	.....	1	.....	2	2	4	3	.....	2	3	.....	2	1	4	3	56
.....	61	16	1	9	.....	7	7	7	8	10	6	9	4	3	11	10	5	.....
.....	21	6	.....	4	.....	2	2	.....	4	6	3	4	1	1	3	3	2	56A
.....	29	7	.....	2	.....	2	3	6	3	4	2	4	2	2	4	3	3	.....
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	56B
.....	10	6	.....	.....	.....	2	1	3	2	.....	.....	1	.....	1	.....	3	3	56D
.....	4	3	.....	2	.....	1	2	.....	.....	.....	.....	1	1	.....	3	1	.....	.....
.....	5	4	.....	1	.....	.....	1	1	1	.....	2	2	.....	1	1	1	.....	56E
.....	6	.....	1	1	.....	2	.....	1	1	.....	1	.....	.....	.....	1	2	.....	.....
.....	10	1	1	1	.....	2	.....	1	.....	2	.....	1	1	.....	3	1	2	57
.....	13	2	.....	3	.....	1	1	1	.....	3	3	3	1	1	1	3	1	57
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	57B

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION														
			Single						Married						Wid-owed		
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated				
57D. Brain and other parts of the central nervous system.....	M	10	2	1						2			2				1
	F	10	1	2	1	2				1			2				1
57E. Other and unspecified organs.....	M	3											1		1		
	F	7	1					1					2		1		2
CLASS III.—RHEUMATISM, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS, OTHER GENERAL AND VITAMIN DEFICIENCY DISEASES																	
Total		1385	90	28	34	44	65			3	91	302	345				383
	M	550	50	13	17	19	23				44	127	164				93
	F	835	40	15	17	25	42		3	47	175	181					290
58. Acute rheumatic fever...	M	45	9		7	5	1				19	2					1
	F	45	11	8	5	2	1				12	3	2				1
58A. Acute rheumatic heart conditions.....	M	39	7	6	5	1	1				19						
	F	37	9	7	5	1					11	3					1
58B. Others under this title...	M	6	2	1								2					1
	F	8	2	1		1	1				1		2				1
59. Chronic rheumatism and other rheumatic diseases.....	M	34			1	3	4				1	6	9				10
	F	50			1	2	8				1	8	7				23
60. Gout.....	M	1										1					
	F	1															
61. Diabetes mellitus.....	M	392	5	5	9	14	17				21	101	143				77
	F	552	8	7	5	12	22		3	18	115	139					223
62. Diseases of the pituitary gland.....	M	1			1												
	F	2	1														
63. Diseases of the thyroid and parathyroid glands	M	30	1		1						1	14	9				4
	F	158	2		6	8	11				13	46	30				42
63A. Simple goitre.....	M	2	1									1					
	F	14			1	2	1					5	1				4
63B. Exophthalmic goitre....	M	22									1	12	7				2
	F	134			2	6	10				11	41	29				35
63C. Myxoedema and cretinism.....	M	4			1							1	2				
	F	8	2		3						2						1
63D. Others under this title...	M	2															2
	F	32															2
64. Diseases of the thymus gland.....	M	2															
	F	16	16														
65. Diseases of the adrenal glands (Addison's disease).....	M	7				1					2	2	2				
	F	7	1			1					3		2				
66. Other general diseases...	M	4		1								1	1				1
	F	3	1									1	1				
66B. Others under this title...	M	4		1								1	1				1
	F	3	1									1	1				
69. Pellagra.....	M	1					1										
70. Rickets.....	M	2	2														
71. Other vitamin deficiency diseases.....	M	1	1														
	F	2										1					1
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																	
Total		351	37	11	9	18	13			2	26	73	92				70
	M	187	19	4	6	15	6				14	40	61				22
	F	164	18	7	3	3	7		2	12	33	31					48
72. Haemorrhagic conditions.	M	8	3									3	1				1
	F	6	4	1								1					
72A. Primary purpura.....	M	7	3									2	1				1
	F	6	4	1								1					
72B. Haemophilia.....	M	1										1					
	F	1										1					
73. Anaemias.....	M	65		1	1	7	3				2	2	34				17
	F	75		1	1		7				3	10	21				32

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
	8	1	1			2		1		1			1		3		2	57D
	8			2		1		1		3	1	1	1	1		1		
	2			1						1		1					1	57E
	5	1		1			1				2	2					2	
1032	212	48	87	6	149	127	128	103	129	107	92	86	116	120	97	131		
415	75	17	39	4	63	52	52	45	41	40	46	31	42	56	35	47		
617	137	31	48	2	86	75	76	58	88	67	46	55	74	64	62	84		
38	2	1	4		3	4	8	3	1	3	5	3	3	5	3	4	58	
41	2	1	1		5	5	5	1	4	3	3	1	3	6	5	4		
33	1	1	4		2	4	7	3	1	2	5	3	2	5	2	3	58A	
33	2	1	1		4	4	3	1	4	2	3	1	3	4	4	4		
5	1				1		1			1			1		1	1	58B	
8					1	1	2			1					2	1		
22	9		3		5	5	2	2		3	2	2	4	4	3	2	59	
40	7	1	2		5	4	3	3	4	8	5	4	9		3	2		
			1													1	60	
290	57	16	26	3	48	38	33	34	31	27	35	22	29	38	27	30	61	
380	107	23	40	2	58	48	52	35	58	36	29	38	49	45	41	63		
1									1								62	
2						1									1			
22	3		4	1	4	3	3	1	3	1	3	3	3	4		2	63	
128	21	6	3		15	12	15	15	20	16	9	9	10	13	12	12		
2					1									1			63A	
12	1		1		1	1	1	2		2				3	2	2		
15	2		4	1	3	3	3	1	1		3	1	2	3		2	63B	
107	19	6	2		14	10	11	13	18	14	7	9	8	10	10			
3	1								1	1		1	1				63C	
7	1						3		1		2		2					
2									1			1					63D	
2						1			1									
32					2		5	3	2	5	1		2	3	2	7	64	
16					1	3		3	2	2		1	2		2	2		
3	3		1			1	1	1	2			1				1	65	
6			1		2	2		1					1			1		
3	1					1				1			1	1			66	
3							1			2		1						
3	1									1			1	1			66B	
3										2		1						
1																	69	
2					1				1								70	
1								1					1				71	
1			1				1											
269	52	9	21		36	33	29	29	35	24	30	27	26	25	29	28		
136	30		17		23	15	16	14	18	14	15	17	14	11	12	18		
133	22	4	4		13	18	13	15	17	10	15	10	12	14	17	10		
4	2		2			2	1	1	1	1			1			1	72	
5	1				1	2								1			72A	
3	2		2			2	1	1	1	1			1			2		
5	1				1	2								1				
1																	72B	
53	10		2		7	5	3	8	8	6	7	5	4	4	3	5	73	
62	10	1	2		6	10	6	7	9	7	5	5	4	6	7	3		

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Widowed
			Single					Married					
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over		Age not stated
73A. Pernicious anaemia.....	M	55		1	1	6	2			1	30		14
	F	58				4			1	7	19		27
73B. Others under this title..	M	10				1	1			1	4		3
	F	17		1	1		3			2	3	2	5
74. Leukaemias and aleukaemias.....	M	109	16	3	5	8	3			14	30	26	4
	F	79	14	5	2	3			2	8	20	10	15
74A. Leukaemias.....	M	109	16	3	5	8	3			14	30	26	4
	F	79	14	5	2	3			2	8	20	10	15
75. Diseases of the spleen....	M	3								3			
	F	4							1	2			1
76. Other diseases of the blood and blood-forming organs.....	M	2									2		
CLASS V.—CHRONIC POISONING AND INTOXICATION													
Total.....		39			4	8				2	16	3	4
	M	35			4	7				1	15	3	3
	F	4				1				1	1		1
77. Alcoholism.....	M	27			4	6				1	11	1	3
	F	2				1					1		
78A. Acute alcoholism.....	M	9			2	1				1	5		
	F	1									1		
77B. Chronic alcoholism.....	M	7			1	1					4		1
	F	1				1					1		
77C. Others under this title..	M	11			1	4					2	1	2
78. Lead poisoning.....	M	3									2	1	
78A. Occupational.....	M	3									2	1	
79. Chronic poisoning by other mineral and organic substances.....	M	5				1					2	1	
	F	2											1
79A. Occupational.....	M	1										1	
79B. Non-occupational.....	M	4				1					2		
	F	2								1			1
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS													
Total.....		4663	152	43	53	154	440	1	6	91	689	1254	1760
	M	2144	91	24	26	79	181	1	2	46	341	797	540
	F	2519	61	19	27	75	259		4	45	348	457	1220
80. Encephalitis (non-epidemic).....	M	22	5	3	3	2	1			3	2	1	1
	F	16	7	2		1				2	1		1
80A. Intracranial abscess....	M	12	3	3	1					3	1		
	F	6	2	1		1				2			
80B. Others under this title..	M	10	2		2	2	1				1	1	1
	F	10	5	1						2	1		1
81. Meningitis (non-meningococcal).....	M	33	20	2		1				4	4	2	
	F	25	17	2		1				1	2		2
81A. Simple meningitis.....	M	30	19	2		1				3	3	2	
	F	24	16	2		1				1	2		2
81B. Acute cerebrospinal meningitis.....	M	3	1							1	1		
	F	1	1										
82. Diseases of the medulla and spinal cord.....	M	46	3	1	1	6	1			1	8	19	6
	F	34	2	2	5	2	2			3	8	1	9
83. Intracranial lesions of vascular origin.....	M	1811	6	4	9	58	166	1	2	32	298	723	500
	F	2242	6	1	11	61	233			30	319	426	1151
83A. Cerebral haemorrhage or effusion.....	M	624	4	1	5	30	51		2	23	152	213	136
	F	866	5	1	8	37	87			19	193	135	379
83B. Cerebral embolism and thrombosis.....	M	104		1	2	3	12			2	15	45	23
	F	132				3	13			4	15	23	74
83C. Cerebral softening.....	M	7		1							1	3	2
	F	5					1				2		2

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
45	9			1		5	4	3	5	7	6	5	5	3	4	3	5	73A
47	8	1		2		5	8	5	3	7	5	4	5	2	6	6	2	
8	1			1		2	1		3	1		2		1				73B
15	2					1	2	1	4	2	2	1		2		1		
76	16	4		13		16	8	11	5	9	6	7	12	9	5	9	12	74
64	10	4		1		5	6	7	7	7	3	10	5	8	7	10	4	74A
76	16	4		13		16	8	11	5	9	6	7	12	9	5	9	12	74A
64	10	4		1		5	6	7	7	7	3	10	5	8	7	10	4	
2	1							1			1				1			75
2	1			1		1			1	1							1	
1	1											1			1			76
2	30	5	2	1	1	4	3	2	4	4	5	1	2	2	1	6	5	
2	27	5	1	1	1	4	3	2	3	3	5	1	2	2	1	4	5	
3			1						1	1					2			
1	23	3	1			2	3	1	3	3	4		2		1	3	5	77
2	9					1			1	2	1	1				1	2	77A
1	1															1		
5	2								1	1	1					3	1	77B
1	1								1									
1	9	1	1	1	1	1	3	1		1	2				1	1	2	77C
	2			1	1	1		1								1	1	78
	2			1	1	1		1								1	1	78A
1	4				1	1					1	1		2				79
1	1		1							1						1		
1	1					1												79A
1	3				1						1	1		2				79B
1	1		1							1						1		
20	3468	879	103	191	22	448	390	469	396	415	354	353	379	324	343	395	397	
16	1581	407	46	91	19	181	170	232	194	192	168	152	176	146	154	195	184	
4	1887	472	57	100	3	267	220	237	202	223	186	201	203	178	189	200	213	
1	18	4				4		5	3		3	2			1	3	1	80
14	1	1				1	1		1	1	4	2	4	2				
1	9	3				2		1	2		3	2			1	1		80A
5	1					1			1		2	2	1					
9	1					2		4	1						2		1	80B
9			1			1	1			1	2	2	1					
28	2	1	1	1	1	2	7		6	5	3	1	3	3		1	2	81
20	4	1				4	4	2	2	2	1	1	2	1	2	2	2	
26	2	1			1	2	6		5	4	3	1	3	3		1	2	81A
19	4	1				4	4	2	1	2	1	1	2	1	2	2	2	
2				1				1		1								81B
1																		
34	10			2		8	5	4	2	5	1	3	6	3	3	4	2	82
27	5	1	1			4	3	3	3	2	3	1	8	3	3	3		
12	1311	362	40	80	18	157	135	199	164	158	149	127	143	122	135	166	156	83
4	1677	430	48	85	2	236	190	215	182	205	165	176	161	158	175	181	198	
7	438	129	13	34	10	41	47	68	53	53	39	51	56	39	54	65	58	83A
2	636	177	20	31	2	88	72	80	69	83	55	69	66	68	68	71	76	
1	64	27	4	7	2	9	5	12	7	7	12	11	8	6	6	11	10	83B
93	28	3	8			15	11	14	13	8	18	12	8	4	10	10	9	
4		2								1		2		1	2	1		83C
4	1									1			1		1	1	1	

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Single						Married					Wid-owed	
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated		
83d. Hemiplegia and other paralysis of unspecified origin.....	M	69	1	1	1	4	7					2	10	21	22
	F	78	1		2	3	7					2	13	10	39
83E. With mention of arterio-sclerosis.....	M	1007	1		1	21	96	1				5	120	441	317
	F	1161			1	18	125					5	96	258	657
84. Mental disorders and deficiency (general paralysis of the insane excepted).....	M	25	5		5	3	2					2	5		1
	F	38	8	1	4	4	8			1	1	3	3		5
84A. Schizophrenia (dementia praecox).....	M	5			1							1	2		
	F	8			3	2	1						1		1
85B. Others under this title.....	M	20	5		4	3	2					1	3		1
	F	30	8	1	1	2	7				1	3	2		4
85. Epilepsy.....	M	39	7	9	7	4	4					4	2		2
	F	31	4	8	4	4	2				2	1	2		4
86. Convulsions (under 5 years of age).....	M	20	20												
	F	7	7												
87. Other diseases of the nervous system.....	M	112	8	2	1	5	1					3	19	43	24
	F	104	4	1	3	2	13					6	11	21	43
87A. Chorea.....	M	1										1			
	F	2										1			
87B. Neuritis.....	M	2										1	1		
	F	4			1							1	1		1
87C. Paralysis agitans.....	M	37				3	4					6	15		9
	F	40			1	1	4					2	8		24
87D. Disseminated sclerosis..	M	57			1	1	2				2	10	27		13
	F	48			1	1	9				5	6	9		17
87E. Others under this title.....	M	15	8	2		1						1	1		2
	F	12	4	1							1	2	3		1
88. Diseases of organs of vision.....	M	5					1					1	1		2
	F	5											3		2
89. Diseases of the ear and of the mastoid process...	M	31	17	3								3	3	1	4
	F	17	6	2			1			1		3	1		3
89A. Otitis and other diseases of the ear.....	M	21	14	1							1	1	1		3
	F	14	4	2						1		3	1		3
89B. Diseases of the mastoid process.....	M	10	3	2								2	2		1
	F	3	2				1								
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM															
Total.....		13391	25	47	120	404	1254	4	14	342	2592	3664	4	4856	
	M	7547	13	29	86	284	615	4	3	201	1832	2527	4	1892	
	F	5844	12	18	34	120	639		11	141	760	1137		2964	
90-95. Diseases of the heart.	M	7040	11	26	86	277	567	3	2	194	1779	2326	4	1711	
	F	5363	10	18	34	116	572		11	132	735	1057		2670	
90. Pericarditis (acute rheumatic excluded).....	M	2			1							1			
	F	2					1					1			
90B. Others under this title..	M	2			1							1			
	F	2					1					1			
91. Acute endocarditis (non-rheumatic).....	M	52	5	5	7	2				12	16	4		1	
	F	41	5	5	3				3	17	4	2		2	
91A. Bacterial endocarditis (acute, subacute or unspecified).....	M	44	4	5	6	2				10	13	3		1	
	F	26	3	4	1				3	9	3	1		2	
91B. Other acute or subacute endocarditis.....	M	5	1								3	1			
	F	10	2	1	2					3	1	1			
91C. Endocarditis (not specified under 45 years)...	M	3			1					2					
	F	5								5					
92. Chronic affections of the valves and endocardium	M	528	3	8	11	15	37		2	29	140	185		97	
	F	528	2	4	9	19	51		4	34	94	95		216	

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stated	NATIVITY				Not stated	MONTHS												
	Canada	British	Foreign			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
1	52	13	2	2	8	4	8	8	4	6	6	8	4	5	5	3	83D	
	56	17	1	4	8	6	9	9	11	9	3	3	7	3	6	4		
4	753	192	19	37	99	79	111	96	93	92	57	71	72	68	84	85	83E	
1	888	207	24	42	125	101	112	91	102	83	92	83	78	93	93	108		
2	16	5		4		2	2	3	3	3	1	3	1	3		4	84	
	31	5		1	6	1	4	4	1	1	4	9	1		3	4		
1	2	2		1		2		1		1			1				84A	
	7	1			1	1	2	1		1		1						
1	14	3		3		1	2	2	3	2	1	3		3		4	84B	
	24	4		1	5		2	3	1		4	8	1	3		3		
	34	2	1	2		2	5	3	6	1	4	7	2	5	1	3	85	
	28	1		2		4		1	2	1	4	7	3	3	4	2		
	20					3	2	4	4		1	1	1	1	2	1	86	
	7				1	1	2			1		1				1		
1	89	17	4	2	7	11	13	9	10	6	9	7	11	6	13	10	87	
	69	22	4	9	13	12	9	8	6	9	9	10	10	5	7	6		
2	2					1									1	1	87A	
	2					1											87B	
	25	7	3	2	2	6	4	5	5			1	3	2	5	2	87C	
	26	9	1	4	6	5	1	4	2	2	3	5	6	1	2	3		
1	47	9	1		4	3	6	4	5	2	6	4	5	4	7	7	87D	
	33	11	2	2	5	6	4	2	4	5	3	3	4	4	5	3		
	14	1			1	1	3			4	3		3				87E	
	8	2		2	1	1	3	1		2	3	1						
	4	1				1				1	2		1				88	
	3			1	1	1				2	2	1						
	27	4			3	4	2		1	4	1	4	2		5	5	89	
	11	3	2	1	1	3	2	1	4	1	2		2	1				
	18	3			2	3	1			3		3	1		4	4	89A	
	8	3	2	1	1	3	2	1	3	1	1		1	1				
	9	1			1	1	1		1	1	1	1	1		1	1	89B	
	3								1		1		1					
65	9312	2872	295	831	81	1306	1180	1208	1092	1170	1049	963	966	903	1143	1130	1281	
57	5094	1677	147	561	68	710	643	658	613	659	599	554	557	522	645	640	747	
8	4218	1195	148	270	13	596	537	550	479	511	450	409	409	381	498	490	534	
54	4717	1581	138	539	65	668	599	610	571	616	550	516	520	489	608	589	704	
8	3835	1128	137	252	11	538	495	513	448	467	413	367	367	358	456	451	490	
		1		1		1							1				90	
	2								1					1				
	1			1		1							1				90B	
	2								1					1				
	37	7	1	7		3	5	5	4	2	9		6	5	4	7	2	
	33	6	1	1		4	4	3	4	1	2	5	6	2	7		3	
	31	5	1	7		3	5	5	4		8		5	3	3	6	2	
	20	4	1	1		1	2	2	3		2	4	2	2	6			
	3	2								2	1		1				91B	
	9	1					2	1		1		1	3		1		1	
	3													2			91C	
	4	1				3			1				1			1		
1	377	107	6	36	2	58	51	36	41	35	51	41	38	33	48	44	52	
	399	89	13	24	3	53	53	49	50	46	37	35	44	32	44	39	46	

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION										Widowed	
			Single					Married						
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over		Age not stated
92A. Specified valvular diseases (rheumatic).....	M	182	2	5	8	8	9		2	19	48	54		27
	F	206		3	6	13	14		2	28	44	29		67
92B. Other specified valvular diseases (non-rheumatic).....	M	211		2	3	4	18			8	59	75		42
	F	200	2	1	2	2	26		2	5	28	36		96
92c. Unspecified valvular lesions and endocarditis.	M	135	1	1		3	10			2	33	56		28
	F	122			1	4	11			1	22	30		53
93. Diseases of the myocardium.....	M	3322	2	8	31	105	365	2		44	534	1165	1	1037
	F	3175	1	6	13	59	358		1	37	352	604		1737
93A. Acute myocarditis.....	M	50		1	1	3	1			5	9	16		13
	F	44		1	1		4			2	9	7		20
93B. Myocarditis (not specified under 45 years)...	M	24	1	4	10					9				
	F	7	1	2	1					3				
93c. Chronic myocarditis and myocardial degeneration (rheumatic).....	M	72	1	2	4	2	9			3	16	22		13
	F	142		1	2	7	18			9	16	25		64
93D. Chronic myocarditis (non-rheumatic).....	M	2561		1	16	78	286	1		27	389	922	1	816
	F	2477		2	9	43	283		1	23	265	472		1370
93E. Other myocarditis (not specified).....	M	615				22	69	1			120	205		195
	F	505				7	53				62	100		283
94. Diseases of the coronary arteries and angina pectoris.....	M	2936			29	148	148	1		98	1043	919	2	533
	F	1401		1	5	32	140		1	30	239	328		624
94A. Diseases of the coronary arteries.....	M	2867			27	145	145	1		97	1017	888	2	521
	F	1361		1	5	32	137		1	29	233	319		603
94B. Angina pectoris.....	M	69			2	3	3			1	26	22		12
	F	40								1	6	9		21
95. Other diseases of the heart	M	200	1	5	7	7	17			11	45	62	1	43
	F	216	2	2	4	6	22		2	14	45	28		91
95A. Functional diseases of the heart (no organic lesion).....	M	20		1	1	1	1				3	6		7
	F	28				1	5			1	5	7		9
95B. Other diseases of the heart (rheumatic).....	M	37	1	3	2	1	3			7	11	1		8
	F	60	1	2	4	2	2		1	9	24	4		11
95c. Other diseases of the heart (non-rheumatic).....	M	143		1	4	5	13			4	31	55	1	28
	F	128	1			3	15		1	4	16	17		71
96. Aneurysm (heart and aorta excepted).....	M	28		2		1	1			1	10	8		5
	F	15	1			1	1			2	1	5		4
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted).....	M	383				4	40	1		2	10	164		159
	F	383					60				8	59		256
98. Gangrene.....	M	16					3			1		7		5
	F	10										3		7
99. Other diseases of the arteries.....	M	44	1			2	4			1	14	14		8
	F	36				2	2			1	7	8		16
100. Diseases of the veins...	M	16								1	9	3		3
	F	20	1				2			4	5	3		5
101. Diseases of the lymphatic system.....	F	1								1				
102. High blood pressure (idiopathic).....	M	17							1	1	9	5		1
	F	15				1	2			1	4	2		5
103. Other diseases of the circulatory system.....	M	3	1	1							1			
	F	1												1
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM														
Total.....		2153	475	37	34	84	150		7	77	294	400		583
	M	1254	292	21	24	55	69		2	39	204	300		236
	F	899	183	16	10	29	81		5	38	90	100		347

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stat- ed	NATIVITY					MONTHS												
	Canada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
....	133	34	1	14	....	20	15	11	9	16	23	10	14	20	15	15	14	92A
....	152	35	7	11	1	14	20	21	18	22	19	11	18	11	23	11	18	18
....	149	45	4	12	1	24	17	9	19	12	15	25	12	9	22	17	30	92B
....	154	37	3	4	2	22	21	18	17	13	11	20	18	13	10	22	15	15
1	95	28	1	10	1	14	19	16	13	7	13	6	12	4	11	12	8	92C
....	93	17	3	9	....	17	12	10	15	11	7	4	8	8	11	6	13	13
28	2247	731	69	241	34	341	260	301	292	304	260	250	243	214	266	257	334	93
7	2256	675	88	150	6	311	295	306	253	281	258	224	215	208	267	269	288	93A
1	30	14	....	6	....	4	4	4	4	5	6	6	4	3	2	2	6	6
....	33	8	....	3	....	2	8	5	3	4	5	4	5	2	1	1	4	4
....	19	1	2	1	1	2	3	6	....	1	4	1	1	....	1	2	3	93B
....	7	....	....	....	....	1	2	....	....	2	....	....	....	....	1	....	....	....
....	46	18	3	5	....	8	7	6	8	8	2	5	5	3	4	6	10	93C
....	94	38	4	6	....	17	11	17	10	15	13	9	6	9	15	8	12	12
24	1723	572	48	189	29	271	193	225	217	221	202	185	199	169	220	193	266	93D
7	1743	545	68	115	6	235	231	244	196	224	201	169	163	165	207	216	226	226
3	429	126	16	40	4	56	53	60	63	69	46	53	34	39	39	54	49	93E
....	379	84	16	26	....	57	44	38	44	36	39	42	40	32	43	44	46	46
24	1920	690	60	239	27	246	266	250	215	257	218	209	214	221	277	266	297	94
1	998	306	29	66	2	152	121	131	123	122	102	87	86	99	117	125	136	136
24	1862	683	59	237	26	238	261	244	208	247	212	207	212	220	269	257	292	94A
1	965	301	29	64	2	147	115	128	122	119	98	86	84	94	114	123	131	131
....	58	7	1	2	1	8	5	6	7	10	6	2	2	1	8	9	5	94B
....	33	5	....	2	....	5	6	3	1	3	4	1	2	5	3	2	19	19
1	136	45	2	15	2	19	17	18	19	18	12	16	18	16	13	15	19	95
....	147	52	6	11	....	18	22	24	17	17	14	16	16	16	21	18	17	17
....	15	3	....	2	....	2	....	....	5	....	1	....	3	3	....	3	3	95A
....	11	13	1	3	....	2	5	3	1	3	2	2	2	1	3	2	2	2
....	22	13	....	2	....	2	4	1	....	5	6	2	4	5	2	3	3	95B
....	36	18	1	5	....	5	4	4	7	7	6	3	2	4	8	6	4	4
1	99	29	2	11	2	15	13	17	14	13	5	14	11	8	11	9	13	95C
....	100	21	4	3	....	11	13	17	9	7	6	11	12	11	10	10	11	11
....	19	7	....	2	....	3	3	6	3	1	2	2	1	2	1	4	3	96
....	12	1	....	2	....	1	4	....	....	2	1	....	1	1	3	1	1	1
3	293	69	5	13	3	34	33	28	34	32	34	31	30	25	30	40	32	97
....	310	55	7	9	2	49	30	32	24	38	34	31	33	21	28	38	35	35
....	11	4	1	....	....	1	3	1	....	1	5	....	....	2	....	3	....	98
....	8	2	....	....	....	1	....	2	....	1	....	....	3	....	....	3	....	....
....	30	9	2	3	....	2	2	8	4	6	5	4	1	1	4	2	5	99
....	26	4	2	4	....	2	3	1	4	2	2	9	3	1	4	3	2	2
....	11	3	....	2	....	1	....	3	....	....	2	1	3	1	1	1	2	100
....	17	2	....	1	....	2	3	....	1	1	....	2	2	....	4	3	2	2
....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	101
....	10	4	1	2	....	4	3	....	....	3	1	....	1	2	1	1	1	102
....	9	3	1	2	....	2	2	2	2	....	....	....	....	2	1	4	4	4
....	3	....	....	....	....	....	....	2	....	....	....	....	1	....	....	....	....	103
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
12	1590	374	44	130	15	310	215	249	213	185	110	130	112	123	155	150	201	201
12	898	224	21	97	14	189	119	129	124	114	73	77	66	81	89	81	112	112
....	692	150	23	33	1	121	96	120	89	71	37	53	46	42	66	69	89	89

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Under 15	Single					Married					Widowed	
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated		
104. Diseases of the nasal fossae and accessory sinuses.....	M	15	1	2	3	1				1	1	1	2		3
	F	7				1				1	2	1	1		1
105. Diseases of the larynx..	M	9										2			
	F	4	3									1			
106. Bronchitis.....	M	74	19	1	1	2	5					11	23		11
	F	64	11	5	1	3	2				1	8	6		27
106A. Acute.....	M	20	14												2
	F	13	9												4
106B. Chronic.....	M	36	2	1	1	2	4					9	15		1
	F	40	1	4	1	2	1					7	4		20
106C. Unspecified.....	M	18	3				1					2	2		6
	F	11	1									1	2		5
107. Broncho pneumonia....	M	517	170	7	10	25	27				9	60	111		94
	F	373	113	3	2	12	38			1	10	26	40		128
108. Lobar pneumonia.....	M	282	30	4	4	17	15					11	55	85	59
	F	197	21	3	2	9	18			2	12	20	27		83
109. Pneumonia (unspecified)	M	178	53	3	5	3	13			1	7	22	38		30
	F	137	35	1	2	4	14				3	14	12		52
110. Pleurisy.....	M	27	4	1	1	1	1				2	11	5		1
	F	14	2	1	1	1	1				4	4			2
110A. Empyema.....	M	22	4	1		1	1				2	9	4		1
	F	7	1	1							4	1			1
110B. Others under this title	M	5			1							2	1		1
	F	7		1	1		1					3			1
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs	M	58	1	1			4				1	10	23		18
	F	63					7			1	1	2	9		43
111A. Haemorrhagic infarction and thrombosis of the lungs.....	M	9									1	2	5		1
	F	6					1				1	1			3
111B. Others under this title	M	49	1	1			4					8	18		17
	F	57					6			1		1	9		40
112. Asthma.....	M	48	1	1		3	2				3	19	8		10
	F	30					1				5	11	4		9
113. Pulmonary emphysema.	M	2													2
	F	1											1		
114. Other diseases of the respiratory system (tuberculosis excepted)	M	44	6	1		3	2				5	13	5		8
	F	9		2	2							3			2
114A. Silicosis.....	M	8										4	2		2
114C. Gangrene of lung.....	M	1											1		
	F	1													1
114D. Others under this title	M	35	6	1		3	2				5	9	2		6
	F	8		2	2							3			1
CLASS 1X.—DISEASES OF THE DIGESTIVE SYSTEM															
Total.....		1785	443	39	51	62	70	1	17	128	402	257			310
	M	1024	238	16	31	45	38	1	4	82	259	175			132
	F	761	205	23	20	17	32		13	46	143	82			178
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils.....	M	46	14	4	2	1		1			10	9	4		1
	F	31	14	4	2		1		2	4	3				1
115A. Diseases of the teeth and gums.....	M	9						1			3	4			1
	F	6			1				1	3	1				
115B. Septic sore throat....	M	10	3	1		1					4	1			
	F	3	3												
115C. Diseases of the pharynx and tonsils.....	M	25	11	3	2						5	4			
	F	21	11	3	1		1		1	1	2				1
115D. Others under this title	M	2									1	1			
	F	1		1											
116. Diseases of the oesophagus.....	M	5					2						1		2
	F	6			2	1					1	1			
117. Ulcer of the stomach or duodenum.....	M	227			6	14	9		1	20	94	46			37
	F	681			2	5	6			3	16	8			28

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stat- ed	NATIVITY				MONTHS												
	Canada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
11	2		2		2	1		5	2		1		1		3		104
5	2								2	2	2						
7	1			1	2			1	1	1	1				1		105
4									1	1	1						1
1	55	15		4	9	3	6	5	8	6	4	6	4	6	9		106
51	9	2	2		9	2	6	8	9	1	4	3	4	3	7	8	106A
19	1				1	2	3	2	2	2		1	1	3			106A
13							4	3					2	1			106B
1	21	11		4	7			1	5	3	3	3	3	4	4	3	106B
29	8	2	1		5	2	2	4	5	1	4	2	2	1	2	5	106C
15	3				1	1	3	2	1	1	1	2	2	2	2		106C
9	1				3			1				1				1	107
4	384	81	8	39	68	56	57	50	45	36	33	20	36	31	35	50	107
302	51	8	11	1	48	43	54	34	30	9	23	15	16	29	35	37	108
2	187	62	7	22	50	24	26	31	33	9	13	15	10	18	22	31	108
135	44	9	9		35	22	28	24	9	8	13	10	5	12	12	19	109
3	141	24		10	32	20	17	17	16	6	12	11	15	10	9	13	109
110	22	1	4		22	13	19	14	9	5	9	8	8	5	9	16	110
18	7		2		7	4	3	1	2	2	1	2	3	1	1		110
12	1		1		1	4	3	3	1	1	1			1	1		110A
14	6		2		6	3	3	1	2	1	1	2	3	1	1		110A
6			1		1	3	1			1							110B
4	1				1						1		1				110B
6	1					1	2	1	1			1			1		111
40	12	2	4		7	4	8	3	3	9	7	5	5	3	2	2	111
45	12	3	3		3	9	4	7	7	5		5	5	12	3	3	111
6	3				2	3	1			1		1		1			111
4			2		1	2	1					1		1			111
34	9	2	4		5	1	7	3	3	7	7	4	5	2	2	2	111
41	12	3	1		3	7	3	6	8	2	3	4	2	5	11	3	112
1	29	8	2		7	3	3	3	8	2	3	2	2	10	3	4	112
20	7		3		3	3	4	1		3	2	2	3	3		4	113
1	1							1	1				1				113
1	25	11	2	6	5	4	4	3	1	3	3	5	4	6	3	3	114
7	2						1	1	1	2		2	1	2	2	1	114A
3	5											1	1				114C
1	1									1							114C
1	21	6	2	6	5	3	3	2	1	2	3	4	3	4	3	2	114D
6	2					1	1	1	2	2		2			1	1	114D
5	1317	318	36	108	6	129	119	146	136	140	150	141	174	197	198	133	122
3	720	200	22	77	5	75	74	81	80	70	89	85	87	110	113	86	74
2	597	118	14	31	1	54	45	65	56	70	61	56	87	87	85	47	48
30	6		9	1	1	2	3	4	1	6	1	9	7	3	3	6	115
30	1				7			4	2	2	2	1	6	1	2	4	115
1	4		3	1		1	1			1		2	3		1		115A
6					1				1	2		1	1		1		115B
9			1		2	1	1	2		3		1		1		1	115B
9	3																1
20	1		4		1		1	2	1	2	1	5	4	2	2	4	115C
20	1				4			4	1		2	1	4	1	1	3	115D
1	1		1									1					115D
4	1						1	1	1	1							116
5	1					2			1			1		2			116
136	63	9	18	1	19	18	16	19	14	25	21	11	16	28	22	18	117
50	14	2	2		7	6	7	4	10	7	4	7	4	6	4	2	117

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Single						Married						Wid-owed	
			Under 15	15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated			
117A. Stomach.....	M	106				1	5	5				8	45	23		19
	F	35				2	2	1				2	9	5		14
117B. Duodenum.....	M	121				5	9	4			1	12	49	23		18
	F	33					3	5				1	7	3		14
118 Other diseases of the stomach.....	M	9	1					2	1				1	3		1
	F	12	3						1			3		2		3
119. Diarrhoea and enteritis (under 2 years of age)	M	176	176													
	F	154	154													
119A. Diarrhoea and enteritis	M	176	176													
	F	154	154													
120. Diarrhoea and enteritis (2 years of age and over)	M	47	11	3	7	1		6				4	5	6		4
	F	39	8	2				2				5	3	5		12
120A. Diarrhoea and enteritis	M	28	11	2	3	1		3				2	2	4		2
	F	27	8					2				1	1	5		10
120B. Ulceration of the intestines.....	M	19		1	4			3				4	3	2		2
	F	12		2								1	4	3		2
121. Appendicitis.....	M	117	26	3	4	6		3			2	20	32	15		5
	F	68	16	9	1	2		1			5	4	17	2		10
122. Hernia, intestinal obstruction.....	M	185	6	2	4	9		13				6	53	44		48
	F	128	4	4	6	4		7			3	5	25	20		50
122A. Hernia.....	M	108		2	4	9		9				2	29	31		31
	F	49		1	2	1		1			1	1	13	11		19
122B. Intestinal obstruction.	M	77	6	2	2	5		4			4	4	24	13		17
	F	79	4	4	5	2		6			2	4	12	9		31
123. Other diseases of the intestines.....	M	25	1		1	2						4	7	5		4
	F	25	1		1	1						3	5	5		9
124. Cirrhosis of the liver...	M	93		2	1	7		3				9	30	24		16
	F	55		1		1		6			1	4	14	11		17
124A. With mention of alcoholism.....	M	3				1						1	1			
	F	1										1				
124B. Without mention of alcoholism.....	M	90		2	1	6		3				8	29	24		16
	F	54		1		1		6			1	3	14	11		17
125. Other diseases of the liver.....	M	18			2	1		1				2	4	7		1
	F	20	1	1	3			2				2	8	1		2
125A. Acute yellow atrophy..	M	4				1						1		2		
	F	11	1		3			1				2	3	1		
125B. Others under this title	M	14			2			1				1	4	5		1
	F	9		1				1					5			2
126. Biliary calculi.....	M	30			1							1	13	8		7
	F	71				1						7	29	14		20
127. Other diseases of the gall-bladder and bile ducts.....	M	24									1	3	6	10		4
	F	56				2		2				5	13	12		22
128. Diseases of the pancreas	M	9	1		1	1						1	2	1		2
	F	13	3		1			2					4	1		2
129. Peritonitis without stated cause.....	M	13	2	2	2	1						2	3	1		
	F	15	1	1	3			1				1	5			2
CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEMS																
Total.....		2530	33	26	40	71	178	1	12	133	474	709	1	842		
	M	1499	20	15	28	40	115	1	2	60	268	552		390		
	F	1031	13	11	12	31	63		10	73	206	157	1	452		
130. Acute nephritis.....	M	34	9	4	3	1	1			7	4	3		2		
	F	20	8	2		1				1	3	3		2		
131. Chronic nephritis.....	M	974	7	4	21	30	85		2	41	193	346		239		
	F	826	3	3	10	22	55		7	39	161	133	1	392		
132. Nephritis unspecified (over 10 years of age).	M	56		4	3	1	4			2	10	15		16		
	F	52				2	2			5	8	10		24		
133. Other diseases of the kidneys and ureters.....	M	45	3	2			1			5	13	15		6		
	F	46	1	2	1		3			4	10	4		20		

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stat- ed	NATIVITY					MONTHS												
	Cana- da	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
64	28	6	7	1	12	9	5	10	4	6	10	7	10	18	8	7	117A	
26	7	1	1	1	3	3	2	1	4	5	1	5	3	2	4	2	117B	
72	35	3	11	1	7	9	11	9	10	19	11	4	6	10	14	11	117B	
24	7	1	1	1	4	3	5	3	6	2	3	2	1	4	1	1	118	
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	118	
8	1	1	2	1	1	3	1	1	1	1	1	1	1	1	2	1	118	
176					6	10	4	7	17	14	14	25	38	28	6	7	119	
154					7	7	7	6	10	6	12	27	37	24	7	4	119	
176					6	10	4	7	17	14	14	25	38	28	6	7	119A	
154					7	7	7	6	10	6	12	27	37	24	7	4	119	
36	10		1	1	5	3	4	3	1	3	4	5	9	4	4	2	120	
29	9		1	1	1	3	3	1	3	5	3	3	7	4	3	3	120	
24	4		1	1	2	1	3	1	1	2	3	4	9	2	1	1	120A	
21	6				1	3	1	1	1	3	1	3	7	3	2	2	120	
12	6		1	1	3	2	1	2	1	1	1	1	1	2	3	2	120B	
8	3		1	1			2	1	2	2	2	2	1	1	1	1	121	
89	19	2	6	1	9	9	9	8	5	10	9	12	12	16	10	8	121	
1	56	9	3	3	2	4	5	7	9	6	5	7	4	10	6	3	121	
104	57	6	17	1	17	16	18	15	17	14	13	12	15	18	18	12	122	
91	27	5	5	1	12	14	16	7	6	8	7	15	9	12	6	16	122	
60	34	2	12	1	10	10	11	9	8	11	7	8	8	11	10	5	122A	
32	10	3	4	1	4	6	6	2	2	6	2	6	3	3	4	5	122	
44	23	4	5	1	7	6	7	6	9	3	6	4	7	7	8	7	122B	
59	17	2	1	1	8	8	10	5	4	2	5	9	6	9	2	11	122	
17	7		1	1	2	1	3	2	1	5	6		2	1	2	1	123	
18	7						5	1	2	5	2	2	1	4	3	3	123	
64	15	1	12	1	12	6	10	8	5	4	4	7	7	8	12	10	124	
34	18		3	1	3	1	6	7	6	6	2	4	7	5	3	5	124	
2			1	1	1	1	1	1									124A	
1	62	15	11	1	11	5	9	8	5	4	4	7	7	8	12	10	124B	
34	17		3	1	3	1	5	7	6	6	2	4	7	5	3	5	124B	
10	6		2	1				4	4	2	4		1	1	3	3	125	
17	2	1			2		1	3	2	2	1	3	2	1	2	3	125	
1	2		1						1	1	1				2	2	125A	
9	1	1			1			1	1	1	1	2	1	1	1	2	125	
9	4		1					4	3	2	3			1	1	1	125B	
8	1				1		1	2	1	1		1	1		1	1	126	
15	8	2	5	1	1	1	5	3		2	3	3	2	3	5	2	126	
47	15	2	7	1	9	5	6	4	9	8	9	3	3	9	4	2	126	
17	5		2			1	8	1	3	1	3		1	1	3	2	127	
41	8	2	5		2		3	7	6	2	5	12	3	6	4	6	127	
4	2	2	1		1	2	1	1		1	1	1	1		1	1	128	
9	2	1	1		1		3		3	1		2	1	1			128	
11			2		1	3		4	1	1	1	1		1			129	
1	8	4	2	1	1		2	3	3	2	3			1			129	
10	1873	446	61	138	12	241	212	231	225	193	187	187	203	205	226	196	224	
8	1081	296	24	89	9	147	121	145	137	118	106	108	119	117	135	117	129	
2	792	150	37	49	3	94	91	86	88	75	81	79	84	88	91	79	95	
33	1				4	2	1	2	2	4	6	5		2	1	5	130	
19	1				1	1	1	1	3	4	3	2	2	1	1	1	130	
6	740	170	13	46	5	94	83	97	86	72	70	68	75	73	90	76	90	131
635	120	30	39	2	74	70	73	69	61	57	56	70	70	83	64	79	79	131
31	14	2	8	1	6	5	5	10	9	4	2	5	2	2	5	1	132	
1	42	3	5	1	7	8	4	3	4	3	5	3	5	1	3	6	6	132
26	13		6		6	2	8	5	1	3	3	3	3	4	6	6	133	
1	30	13	3	3	3	5	2	7	1	7	6	1	4	2	5	3	3	133

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION													
			Single					Married					Wid-owed			
			Un-der 15	15-24	25-44	45-64	65 and over	Age not stat-ed	15-24	25-44	45-64	65 and over		Age not stat-ed		
134. Calculi of the urinary passages.....	M	41					4					5	12	11		8
	F	17				3	2					2	4	3		3
135. Diseases of the urinary bladder.....	M	19				1	1						1	8		8
	F	9				2							2	2		3
136. Diseases of the urethra, urinary abscess, etc....	M	9	1	1	1								1	2		3
	F	1												1		
136A. Stricture of the urethra	M	6		1	1									2		2
136B. Others under this title	M	3	1										1			1
	F	1												1		
137. Diseases of the prostate.	M	314				6	17	1					32	151		107
138. Diseases of the male genital organs (non-venereal).....	M	7				1	2						2	1		1
139. Diseases of the female genital organs (non-venereal).....	F	60	1	4	1	1	1			2	20	18	4	4		8
139A. Ovaries, Fallopian tubes and parametria.	F	27	1	4	1					2	13	4	1			1
139B. Uterus.....	F	29				1	1				7	12	3			5
139C. Others under this title.	F	4										2				2
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH, AND THE PUERPERAL STATE																
Total		198		8	7						36	145				2
140. Abortion with mention of infection.....	F	33		3	2						5	22				1
140A. Spontaneous, therapeutic or unspecified.....	F	14									2	12				
140B. Self-induced.....	F	12		2	1						2	6				1
140C. Non-therapeutic.....	F	7		1	1						1	4				
141. Abortion without mention of infection.....	F	8									1	6				1
141A. Spontaneous, therapeutic or unspecified.....	F	5									1	4				
141B. Self-induced.....	F	2										2				
141C. Non-therapeutic.....	F	1														1
142. Ectopic gestation.....	F	8									3	5				
142A. With mention of infection.....	F	1										1				
142B. Without mention of infection.....	F	7									3	4				
143. Haemorrhage of pregnancy—death prior to delivery.....	F	2									1	1				
143A. Placenta praevia.....	F	1									1					
143C. Others under this title.	F	1										1				
144. Toxaemias of pregnancy—death prior to delivery.....	F	10									1	9				
145. Other diseases and accidents of pregnancy—death prior to delivery.....	F	6			1						1	4				
146. Haemorrhage of childbirth and the puerperium.....	F	20									6	14				
146A. Placenta praevia.....	F	7									1	6				
146B. Premature separation of placenta.....	F	1										1				
146C. Others under this title.	F	12									5	7				
147. Infection during childbirth and the puerperium.....	F	52		4	1						10	37				
148. Puerperal toxaemias—following delivery.....	F	21									6	14				
148A. Puerperal eclampsia...	F	15			1						5	9				
148B. Puerperal albuminuria and nephritis.....	F	3										3				
148D. Others under this title.	F	3									1	2				
149. Other accidents of childbirth.....	F	21			2						2	17				
149A. Laceration, rupture or other trauma of pelvic organs and tissues.....	F	2									1	1				

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
1	23	9	2	6	1	1	3	6	3	3	2	1	4	4	3	4	7	134
.....	13	3	1	.....	.....	.....	2	.....	3	.....	4	1	2	.....	1	1	3	.....
.....	13	5	.....	1	.....	1	1	2	2	2	2	2	1	2	.....	2	2	135
.....	4	4	.....	1	.....	2	.....	.....	2	1	1	.....	.....	.....	1	.....	1	.....
.....	7	1	1	.....	.....	.....	1	.....	.....	1	1	.....	2	3	.....	1	.....	136
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	5	.....	1	.....	.....	.....	1	.....	.....	1	1	.....	1	2	.....	.....	.....	136A
.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	136B
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	202	82	6	22	2	34	24	26	28	28	20	25	23	30	32	22	22	137
.....	6	1	.....	.....	.....	1	.....	.....	1	.....	.....	1	1	.....	2	.....	1	138
.....	48	6	1	5	.....	7	5	5	3	5	5	7	6	7	2	5	3	139
.....	23	2	.....	2	.....	3	2	2	2	3	2	3	4	3	1	1	1	139A
.....	21	4	1	3	.....	4	1	3	1	2	2	4	2	4	.....	4	2	139B
.....	4	.....	.....	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....	1	.....	.....	139C
.....	166	20	5	6	1	22	12	19	14	18	19	10	23	13	17	17	14	.....
.....	27	5	1	.....	.....	3	2	4	1	2	1	.....	4	3	6	3	4	140
.....	10	3	1	.....	.....	1	1	4	.....	.....	.....	.....	2	.....	2	3	1	140A
.....	10	2	.....	.....	.....	1	1	.....	1	2	1	.....	2	1	2	.....	1	140B
.....	7	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	2	2	.....	2	140C
.....	8	.....	.....	.....	.....	3	1	.....	.....	.....	.....	.....	1	2	1	.....	.....	141
.....	5	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	141A
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	141B
.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	141C
.....	8	.....	.....	.....	.....	.....	1	1	.....	1	2	1	.....	.....	1	.....	1	142
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	142A
.....	7	.....	.....	.....	.....	.....	1	1	.....	.....	2	1	.....	1	.....	1	1	142B
.....	1	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	143
.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	143A
.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	143C
.....	9	.....	.....	1	.....	1	1	.....	1	2	.....	.....	.....	1	1	3	.....	144
.....	5	1	.....	.....	.....	2	.....	1	.....	.....	1	.....	.....	.....	.....	1	1	145
.....	16	2	1	1	.....	2	1	2	3	1	2	1	3	1	1	2	1	146
.....	6	.....	1	.....	.....	1	.....	1	2	.....	1	.....	1	.....	1	.....	.....	146A
.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	146B
.....	9	2	1	.....	.....	1	1	.....	1	1	2	.....	3	.....	1	1	1	146C
.....	44	4	1	2	1	3	3	6	5	7	7	2	6	3	1	4	5	147
.....	19	1	1	.....	.....	2	3	3	2	2	3	1	1	1	2	1	.....	148
.....	14	.....	1	.....	.....	1	2	2	2	2	2	1	1	.....	1	1	.....	148A
.....	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	148B
.....	3	.....	.....	.....	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	148D
.....	14	5	.....	2	.....	1	1	.....	.....	3	3	.....	3	1	4	3	2	149
.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	149A

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stat- ed	NATIVITY					MONTHS													
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
			USA	Other															
.....	13	5	.....	1	.....	1	1	.....	.....	.....	3	3	.....	3	.....	3	3	2	149B
.....	15	1	1	.....	.....	4	.....	2	.....	.....	1	2	3	4	1	.....	.....	.....	150
.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150B
.....	14	1	1	.....	.....	3	.....	2	.....	.....	1	2	3	4	1	.....	.....	.....	150C
.....	38	7	.....	4	1	5	3	8	3	4	4	4	7	3	1	3	5	.....	.....
.....	19	5	.....	3	1	4	1	5	1	1	3	3	3	1	.....	3	3	.....	.....
.....	19	2	.....	1	.....	1	2	3	2	3	1	1	4	2	1	.....	2	.....	.....
.....	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1 151
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
.....	9	2	.....	1	.....	2	1	2	.....	.....	2	1	1	.....	.....	2	1	.....	1 152
.....	8	.....	.....	.....	.....	.....	1	.....	2	1	1	.....	1	.....	1	.....	.....	.....	1
.....	9	3	.....	2	.....	2	.....	3	1	.....	1	2	2	1	.....	1	1	.....	1 153
.....	10	2	.....	1	.....	1	1	3	.....	2	.....	1	2	2	.....	.....	.....	.....	1
.....	33	4	.....	4	.....	5	2	2	1	9	2	7	2	1	3	1	6	.....	.....
.....	17	2	.....	2	.....	1	1	1	1	6	1	3	1	1	2	1	2	.....	2
.....	16	2	.....	2	.....	4	1	1	.....	3	1	4	1	.....	1	.....	4	.....	.....
.....	7	1	.....	2	.....	1	.....	.....	.....	4	1	.....	.....	1	1	1	1	.....	1 154
.....	4	.....	.....	1	.....	1	1	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1
.....	2	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	6	.....	.....	.....	.....	2	.....	.....	.....	2	.....	.....	1	.....	1	.....	.....	.....	155
.....	8	1	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	6	2	.....	1	.....	1	.....	1	.....	1	.....	3	1	.....	1	.....	.....	.....	1 156
.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	3
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....
.....	1	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
.....	6	1	.....	.....	.....	.....	1	.....	1	.....	.....	.....	2	1	.....	.....	.....	.....	1 156B
.....	5	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	2
.....	606	4	1	.....	.....	43	56	58	62	60	50	40	38	53	41	53	57	.....	.....
.....	333	2	1	.....	.....	20	31	33	32	38	28	23	21	30	19	33	28	.....	.....
.....	273	2	.....	.....	.....	23	25	25	30	22	22	17	17	23	22	20	29	.....	.....
.....	333	2	1	.....	.....	20	31	33	32	38	28	23	21	30	19	33	28	.....	.....
.....	273	2	.....	.....	.....	23	25	25	30	22	22	17	17	23	22	20	29	.....	.....
.....	63	.....	.....	.....	.....	3	9	8	6	6	2	2	3	8	5	5	5	.....	6 157A
.....	52	.....	.....	.....	.....	4	3	5	5	6	4	5	4	5	5	1	5	.....	5
.....	67	.....	.....	.....	.....	1	5	6	6	5	9	7	7	2	5	9	.....	.....	5 157B
.....	74	.....	.....	.....	.....	7	7	8	8	4	6	4	3	3	7	7	10	.....	.....
.....	10	.....	.....	.....	.....	1	.....	.....	2	2	.....	1	.....	2	.....	1	1	.....	1 157C
.....	11	.....	.....	.....	.....	2	.....	.....	.....	1	.....	.....	2	2	.....	1	3	.....	.....

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15-24	25-44	45-64	65 and over	Age not stated	15-24	25-44	45-64	65 and over	Age not stated	
157D Congenital malformations of the heart.....	M	123	117	4			1			1				
	F	69	67		2									
157E. Others under this title	M	73	66	2	2						2	1		
	F	69	64	1	1					1	2			
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE														
Total		1715	1715											
	M	1025	1025											
	F	690	690											
158. Congenital debility.....	M	48	48											
	F	33	33											
159. Premature birth.....	M	623	623											
	F	456	456											
160. Injury at birth.....	M	207	207											
	F	117	117											
160A. Intracranial or spinal haemorrhage.....	M	106	106											
	F	48	48											
160B. Other intracranial or spinal injuries.....	M	12	12											
	F	5	5											
160C. Others under this title.	M	89	89											
	F	64	64											
161. Other diseases peculiar to the first year of life	M	147	147											
	F	84	84											
161A. Asphyxia (unspecified), atelectasis.....	M	69	69											
	F	41	41											
161B. Infection of umbilicus pemphigus and other infections.....	M	14	14											
	F	8	8											
161C. Other specified diseases peculiar to the first year of life.....	M	64	64											
	F	35	35											
CLASS XVI.—SENILITY														
Total		393					65					78		248
	M	173					25					53		93
	F	220					40					25		155
162. Senility.....	M	173					25					53		93
	F	220					40					25		155
162A. With dementia.....	M	9					1					2		5
	F	24					2					5		17
162B. Without dementia....	M	164					24					51		88
	F	196					38					20		138
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS														
Total		2890	499	271	150	86	149	2	49	356	405	313		567
	M	1958	330	243	133	69	82	1	36	278	310	216		219
	F	932	169	28	17	17	67	1	13	78	95	97		348
163-164. Suicides.....	M	234	2	9	31	23	5		2	32	74	20		26
	F	84			4	5	1		2	28	23	4		17
163. Suicide by poisoning....	M	38		5	6	3				6	11	4		3
	F	34			2	1	1		1	13	9	1		6
163A. By corrosive substances, solid and liquid poisonings.....	M	19		2	3	1					4	5		1
	F	15			1					7	3	1		3

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stat- ed	NATIVITY					MONTHS												
	Can- ada	Brit- ish	Foreign		Not stat- ed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
.....	122	.....	1	.....	.....	12	8	14	9	18	8	8	7	12	3	12	12	157D
.....	69	.....	.....	.....	.....	4	8	6	11	4	3	4	4	7	4	7	7	.....
.....	71	2	.....	.....	.....	3	9	5	9	7	9	5	4	6	6	6	4	157E
.....	67	2	.....	.....	.....	6	7	6	6	7	9	2	6	6	6	4	4	.....
.....	1713	.....	2	.....	.....	158	144	140	175	156	142	131	126	141	143	121	138	.....
.....	1023	.....	2	.....	.....	87	89	84	103	89	90	79	77	86	82	74	85	.....
.....	690	.....	.....	.....	.....	71	55	56	72	67	52	52	49	55	61	47	53	.....
.....	48	.....	.....	.....	.....	3	8	2	4	9	2	1	1	3	5	4	6	158
.....	33	.....	.....	.....	.....	2	3	1	3	2	5	1	3	5	3	.....	5	.....
.....	622	.....	1	.....	.....	54	52	50	62	44	51	47	55	58	50	48	52	159
.....	456	.....	.....	.....	.....	51	31	35	53	44	36	41	32	32	39	34	28	.....
.....	206	.....	1	.....	.....	18	14	21	28	18	29	16	13	13	13	9	15	160
.....	117	.....	.....	.....	.....	11	12	12	9	12	7	4	6	10	11	7	16	.....
.....	105	.....	1	.....	.....	6	7	13	13	7	16	10	7	5	8	3	11	160A
.....	48	.....	.....	.....	.....	5	6	5	2	5	3	2	2	3	6	3	6	.....
.....	12	.....	.....	.....	.....	.....	2	.....	2	2	4	.....	.....	1	.....	.....	1	160B
.....	5	.....	.....	.....	.....	.....	1	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....
.....	89	.....	.....	.....	.....	12	5	8	13	9	9	6	6	7	5	6	3	160C
.....	64	.....	.....	.....	.....	6	5	6	6	7	3	2	4	7	5	3	10	.....
.....	147	.....	.....	.....	.....	12	15	11	9	18	8	15	8	12	14	13	12	161
.....	84	.....	.....	.....	.....	7	9	8	7	9	4	6	8	8	8	6	4	.....
.....	69	.....	.....	.....	.....	3	8	6	6	7	2	9	4	7	6	3	8	161A
.....	41	.....	.....	.....	.....	5	2	3	3	4	4	2	4	5	4	4	1	.....
.....	14	.....	.....	.....	.....	5	1	1	.....	3	.....	2	1	.....	1	.....	.....	161B
.....	8	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	3	2	.....	.....	.....	.....
.....	64	.....	.....	.....	.....	4	6	4	3	8	6	4	3	5	7	10	4	161C
.....	35	.....	.....	.....	.....	2	7	4	3	5	.....	3	1	1	4	2	3	.....
.....	2	301	75	3	12	2	51	29	38	29	22	35	31	30	26	29	32	41
.....	2	126	39	1	6	1	22	16	22	14	8	15	9	10	11	15	13	18
.....	175	36	2	6	6	1	29	13	16	15	14	20	22	20	15	14	19	23
.....	2	126	39	1	6	1	22	16	22	14	8	15	9	10	11	15	13	18
.....	175	36	2	6	6	1	29	13	16	15	14	20	22	20	15	14	19	23
.....	1	7	2	.....	.....	.....	.....	2	.....	2	.....	2	.....	2	1	1	1	162A
.....	18	4	1	.....	.....	.....	7	1	1	1	2	2	2	4	1	1	2	.....
.....	1	119	37	1	6	1	22	16	20	14	8	13	9	10	9	14	12	17
.....	157	32	1	6	.....	.....	22	13	15	14	13	18	20	18	13	18	21	162B
.....	43	2185	391	52	210	52	221	215	270	216	284	272	256	287	228	236	197	208
.....	41	1457	253	34	167	47	142	134	177	141	197	198	177	197	153	160	135	147
.....	2	728	138	18	43	5	79	81	93	75	87	74	79	90	75	76	62	61
.....	10	135	42	2	48	7	15	15	21	22	38	17	19	22	21	15	12	163-164
.....	53	18	.....	.....	13	.....	9	3	11	6	5	4	11	7	9	9	9	.....
.....	24	8	.....	6	.....	.....	3	3	6	1	5	2	3	4	2	5	4	163
.....	23	7	.....	4	.....	.....	4	1	4	2	2	2	3	.....	5	3	4	.....
.....	10	3	.....	6	.....	.....	2	1	2	.....	3	.....	2	2	4	1	.....	163A
.....	11	2	.....	2	.....	.....	1	.....	2	1	2	2	3	.....	2	1	.....	.....

TABLE 37—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single					Married					Wid- owed	
			Un- der 15	15-24	25-44	45-64	65 and over	Age not stat- ed	15-24	25-44	45-64	65 and over		Age not stat- ed
163B. By poisonous gas.	M	19		3	3	2				2	6	1		2
	F	19		1	1	1			1	6	6			3
164. Suicide by other means.	M	196	2	4	25	20	5			2	26	63	16	23
	F	50			2	4			1	15	14	3		11
164A. By hanging or strangulation.	M	66	1	1	10	13	1		1	5	22	4		5
	F	12								3	6			1
164B. By drowning.	M	26			4	3				1	9	2		4
	F	24			1	1			1	6	8	1		6
164C. By firearms or explosives.	M	69	1	3	8	3	3		1	14	22	4		8
	F	2			1					1				
164D. By cutting or piercing instruments.	M	20			1	1	1			6	6	3		1
	F	2								2				
164E. By jumping from high places.	M	10			1						3	2		3
	F	9				1				3		1		4
164F. By crushing.	M	1												1
164G. By other or unspecified means.	M	4			1						1	1		1
	F	1										1		
166-168. Homicides.	M	28	8	3		1				4	6	2		3
	F	13	7	1						1	3			1
166. Homicide by firearms.	M	4	1	2		1								
	F	1		1										
167. Homicide by cutting or piercing instruments.	F	4	2							1				1
168. Homicide by other or unspecified means.	M	24	7	1						4	6	2		3
	F	8	5								3			
169-195. Accidental deaths.	M	1695	320	230	102	45	77	1	34	242	230	194		190
	F	835	162	27	13	12	66	1	11	49	69	93		330
169. Railway accidents (excluding motor vehicles).	M	84	9	6	6	3	4		2	16	28	2		4
	F	9	4		1	1				7				
170. Motor vehicle accidents.	M	387	70	49	30	7	11		8	71	69	41		26
	F	143	45	15	3	3	1	1	4	18	26	8		18
170A. Collisions with trains.	M	41	2	5	4	2			2	11	11	3		1
	F	11	4	1						1	5			
170B. Collisions with street-cars.	M	7	1		1					2	1	2		
	F	2			1				1					
170C. Automobile accidents (excluding trains or street-cars)	M	326	67	38	24	5	11		6	53	57	35		25
	F	130	41	14	2	3	1	1	3	17	21	8		18
170D. Motorcycle accidents (excluding automobiles)	M	13		6	1					5		1		
171. Street-car and other road transport accidents.	M	36	9	4	1		5			3	5	3		6
	F	9	1							2	1	1		5
171A. Street-car accidents (excluding trains and motor vehicles)	M	20	3	2	1		4			3	2	2		3
	F	7									1	1		5
171B. Others under this title	M	16	6	2			1			3	1	1		3
	F	2	1								1			
172. Water transport accidents.	M	69	12	15	5	1		1	2	23	2	2		4
	F	9	1	4	1					3				
173. Air transport accidents.	M	115		72	7				14	21	1			
	F	1			1									
174. Accidents in mines and quarries.	M	26		3	1	1				13	8			
175. Agricultural and forestry accidents.	M	86		4	6	7	7		1	11	18	23		7
175A. Accidents involving agricultural machinery and vehicles.	M	24		1	1	3	1			3	6	6		3
175B. Injury by animals, in agriculture.	M	19				2	3			1	3	7		3
175C. Other agricultural accidents.	M	26		2		1	3		1	5	5	8		1
175D. Accidents involving forestry machinery and vehicles.	M	2								1	1			
175E. Other forestry accidents	M	15		1	5	1				1	3	2		

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stated	NATIVITY					MONTHS													
	Canada	Foreign			Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
		British	USA	Other															
10	14	5			1	2	4	1	2	2	1	2		1	3		163B		
	12	5			3	1	2	1						3	2	4	3		
	111	34	2	42	12	12	15	21	33	15	14	15	20	16	11	12	164		
	30	11		9	5	2	7	4	3	2	8	1	2	6	5	5			
3	30	9	1	24	4	3	7	4	7	6	11	5	5	7	3	4	164A		
	9	1		2	3	1	3	1	1	1	1	1			1	1			
3	14	5		4	1	1	1	3	8	1	1	3		2	2	1	164B		
	14	6		4		1	4	2		1	4		2	5	3	2			
2	47	13		9	5	7	6	8	15	5	1	4	7	4	3	4	164C		
	2							1							1				
1	15	2		2	1		1	4	3	3		2	3	1	1	1	164D		
	1			1				1			1								
1	2	4	1	2	1	1	1				1	1	3	1	1	1	164E		
	4	3		2		2			3		2			1		1			
	1							1									164F		
	2	1		1				1							1	1	164G		
	1	1																	
1	17	2	1	6	2	4	1	1	5	1	3	5		1	4	1	166-168		
	10		1	2		1		1		1	1	3	1	2	3				
	2		1	1		2		1									166		
	1									1									
	3			1							1	1	1	1			167		
1	15	2		5	2	2	1		5	1	3	5		1	4	1	168		
	6		1	1		1		1		1	3	2		1	2				
30	1305	208	31	113	38	122	118	155	114	158	178	155	178	130	135	119	169-195		
2	665	120	17	28	5	69	78	81	69	81	69	65	88	66	64	53	52		
4	50	13	2	14	5	6	10	5	8	10	7	3	10	3	7	9	6	169	
	9							2			2		1	2	2				
5	307	37	8	31	4	28	23	43	24	23	39	20	38	42	39	41	27	170	
1	113	16	3	10	1	6	10	9	12	4	15	12	26	18	12	14	5		
	34	3		4		1	4	9	8		2	2	5		2		8	170A	
	9	2							2		1	1	5						
	4	2		1		1		1			2		1		1	1		170B	
	2					1					1								
5	258	30	8	26	4	26	19	32	16	23	34	15	28	39	35	40	19	170C	
1	102	14	3	10	1	5	10	9	10	4	13	11	21	16	12	14	5		
	11	2						1			1	3	4	3	1			170D	
	27	6		3		1	3		3	4	4	1	4	8	5		3	171	
	6	3				1	1	1	1	1	1		2	2					
	14	5		1		1	2		1	1	2		2	6	3		2	171A	
	4	3				1	1	1		1			1	2					
	13	1		2			1		2	3	2	1	2	2	2		1	171B	
	2										1		1						
2	49	6	3	9	2			1		15	17	10	12	10	3	1		172	
	8			1							6	1	1		1				
	72	37	2	4		8	16	11	12	10	6	8	11	7	8	10	8	173	
	1															1			
	12	3	1	10		2	2	1		2	1	2	3	3	4	1	5	174	
2	75	4	2	3	2	10	8	7	1	4	9	16	11	3	5	1	11	175	
	23			1		1	1			2	4	8	3	1	3			175A	
	16	1	2			3	2		1	1	2	3	2	1				175B	
	22	3		1		4	2	4			2	3	6		1			175C	
	2																		175D
2	12			1	2	2	2	2		1	1	2		1	1	1	2	175E	

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1944—Continued

Not stated	NATIVITY				Not stated	MONTHS											
	Canada	British	Foreign			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			USA	Other													
1	60	8	2	8	5	4	5	5	9	6	5	9	3	9	8	10	
1	41	5	2	6	4	2	4	3	6	5	4	5	1	7	6	7	
.....	19	3	.....	2	1	2	1	2	3	1	1	4	2	2	2	3
.....	5	1	.....	1	1	1	1	1	.....	.....	1	1	.....	.....	1	.....
.....	2	1	.....	1	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....
1	36	4	2	5	3	1	3	2	6	5	3	4	1	7	5	7	
.....	17	2	.....	1	1	.....	.....	1	2	1	1	4	2	2	2	3
.....	12	3	2	2	2	.....	1	2	3	.....	2	2	1	2	1	3
.....	4	1	.....	1	.....	.....	.....	.....	1	.....	.....	1	1	1	.....	2
.....	1	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	1
.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
1	23	1	.....	2	1	1	2	.....	2	4	1	2	.....	5	4	4
.....	11	1	.....	.....	1	1	.....	.....	1	1	1	3	1	1	2	.....

199
200
200A
200B
200C

ING TO THE NATURE OF INJURY

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

.....	39	9	2	4	5	8	10	5	4	4	2	.....	3	1	7	5
.....	21	4	.....	.....	2	4	11	2	2	1	.....	.....	1	.....	1	1
1	83	13	.....	3	5	16	13	4	9	6	9	9	10	6	7	7
.....	61	8	.....	2	5	7	6	11	12	5	4	2	8	3	1	7
.....	27	1	.....	1	1	2	3	4	1	2	2	1	3	1	3	6
.....	12	.....	.....	.....	1	1	3	.....	1	1	2	.....	1	.....	2	.....
12	223	20	5	13	10	2	9	12	49	49	53	46	17	16	6	6
.....	51	2	.....	3	2	.....	3	4	5	11	10	16	4	2	.....	.....
.....	15	4	.....	1	.....	3	3	.....	2	4	1	5	1	1	.....	.....
.....	1	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
1	246	45	6	17	30	23	32	26	28	25	20	26	15	30	26	38
1	339	81	13	11	48	53	36	35	50	32	30	39	27	33	29	34
11	531	93	16	59	56	54	63	51	47	66	51	72	67	67	62	55
1	125	18	3	10	7	11	12	11	5	18	13	24	22	14	15	5
.....	13	2	.....	2	.....	1	.....	1	1	5	1	4	2	1	.....	1
.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION, NATIVITY, AND MONTH OF DEATH, TORONTO, 1944.

TABLE 39—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION, NATIVITY, AND MONTH OF DEATH, HAMILTON, 1944.

TABLE 40—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION, NATIVITY, AND MONTH OF DEATH, OTTAWA, 1944.

TABLE 41—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION, NATIVITY, AND MONTH OF DEATH, LONDON, 1944.

TABLE 42—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CONDITION, NATIVITY, AND MONTH OF DEATH, WINDSOR, 1944.

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

TABLE 43—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

Classified by Place

CAUSES OF DEATH	Total	Addington	Albama	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Halliburton	Halton	Hastings	Huron	Kenora; incl. Patricia	Kent	Lambton		
	18,396	69	246	271	518	331	348	169	181	258	333	577	236	185	219	475	278	55	310	390	595	173	510	480		
Total.....	18,396	69	246	271	518	331	348	169	181	258	333	577	236	185	219	475	278	55	310	390	595	173	510	480		
CLASS I.—INFECTIOUS AND PARASITIC DISEASES																										
Total.....	1032	4	29	17	35	22	49	4	6	14	17	21	18	6	5	24	21	4	18	21	19	45	34	24		
1. Typhoid fever.....	2															1										
2. Paratyphoid fever.....	2				1																					
3. Undulant fever.....	2										1															
6. Cerebrospinal meningitis.	16									1	2	1												5		
8. Scarlet fever.....	19									1	2														1	
9. Whooping-cough.....	37				2		2		1	1			1	1					1	1			1	1	3	
10. Diphtheria.....	12	1					2																1			
11. Erysipelas.....	5				1	1																		1		
12. Tetanus.....	5																							1		
13-22. Tuberculosis.....	472	2	18	6	13	12	24		3	1	6	11	5	3	3	8	9	1	6	2	6	40	6	9		
13. Tuberculosis of the respiratory system.....	404	1	17	5	11	10	20		3	1	5	10	5	3	3	8	9	1	4	2	5	31	6	7		
13A. With mention of occupational diseases of lungs	9						2				1								1							
13B. Without mention of occupational diseases of lungs	372	1	17	5	11	10	18		2	1	4	9	4	3	3	7	9	1	3	2	5	25	6	7		
13C. Unspecified site.....	10							1													5					
13D. With mention of dementia praecox.....	13											1	1			1						1				
14. Tuberculosis of the meninges and central nervous system.....	30				1	1	2				1	1						1				3				
15. Tuberculosis of the intestines and peritoneum.....	10	1		1			1											1				1				
16. Tuberculosis of the vertebral column.....	4					1																1				
17. Tuberculosis of other bones and joints.....	7				1																		2	1		
17A. Bones.....	1																						1			
17B. Joints.....	6				1																	1		1		
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal glands excepted).....	3																									
20. Tuberculosis of the genitourinary system.....	6						1															1		1		
21. Tuberculosis of other organs.....	2																									
22. Disseminated tuberculosis	6		1																				2			
22A. Acute generalized military	5		1																				2			
22B. Other and unspecified generalized.....	1																									
24. Purulent infection and septicaemia.....	6					2																1				
25. Gonococcus infection.....	2						1																			
27. Dysentery.....	13	2		2			1										2						1			
28. Malaria.....	2																									
30. Syphilis.....	68	2	1	3	2	5					1	2	3		1		2			3	3	2	1	1		
30A. Locomotor ataxia (tabes dorsalis).....	6			1	1								2													
30B. General paralysis of the insane.....	20					1	1						2				1		2		1		1			
30C. Other syphilis of the central nervous system.....	3																					1				
30D. Others under this title.....	39	2			2	1	4				1		1		1		1		1	3		1		1		
32. Other diseases due to spirochetes.....	5			1			1																	1		
33. Influenza.....	277	1	4	9	8	3	7	2	1	8	4	1	6	2	1	13	5	2	4	13	7	2	16	10		
33A. With respiratory complications.....	183	1	2	5	4	3	1	1	5	4	1	4	1	1	8	1	2	2	8	3	2	11	9			
33B. Without respiratory complications.....	94		2	4	4		6	2		3			2	1		5	4		2	5	4		5	1		
35. Measles.....	29	1	2		2		3				1	2							1				2			

TABLE 43—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

Classified by Place

CAUSES OF DEATH	Total	Addington	Albama	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS																								
Total	2211	9	17	33	58	33	22	23	15	37	47	60	17	23	23	75	45	5	44	49	78	5	58	51
80. Encephalitis (non-epidemic).....	17						1					2							1	1	1		1	
80A. Intracranial abscess.....	4						1																	1
80B. Others under this title.....	13											2							1	1	1			
81. Meningitis (non-meningococcal).....	29	1					1	1				2					1				1			
81A. Simple meningitis.....	27	1					1	1				2					1				1			
81B. Acute cerebrospinal meningitis.....	2																							
82. Diseases of the medulla and spinal cord.....	31				2				1	1		2	1			3				1		2		1
83. Intracranial lesions of vascular origin.....	1924	8	13	26	51	27	14	18	12	34	46	52	16	22	22	64	43	4	40	43	72	4	51	45
83A. Cerebral haemorrhage or effusion.....	687	4	3	4	18	7	7	2	3	15	20	14	1	8	6	35	7		18	14	32	1	12	16
83B. Cerebral embolism and thrombosis.....	79	1	1	2			2	1		2	1	5	2			3	4		3	1	4	1	4	2
83C. Cerebral softening.....	6																							
83D. Hemiplegia and other paralysis of unspecified origin.....	66						1	1		1			1	1		3					3	2		1
83E. With mention of arterio-sclerosis.....	1086	4	9	21	31	19	5	14	9	16	25	33	12	13	16	23	32	4	19	25	34	2	34	27
84. Mental disorders and deficiency (general paralysis of the insane excepted).....	31	2	1	2	1	1	1	1		1						1					1			
84A. Schizophrenia (dementia praecox).....	6		1	1				1																
84B. Others under this title.....	25	2		1	1	1	1	1		1						1					1			
85. Epilepsy.....	36	1			3	2				1		1		1	1		1				2			2
86. Convulsions (under 5 years of age).....	19					1										1		1				1	1	1
87. Other diseases of the nervous system.....	101		6	2	1	2	3	1	1							4			1	2	2		4	2
87B. Neuritis.....	3																			1				
87C. Paralysis agitans.....	35		1	2	1	1	1		1							1					1		1	
87D. Disseminated sclerosis.....	55		5				3		1							3			1	1			3	2
87E. Others under this title.....	8					1															1			
88. Diseases of organs of vision.....	4					1										1								
89. Diseases of the ear and of the mastoid process.....	19	1			1							1				1				1				1
89A. Otitis and other diseases of the ear.....	15	1			1											1				1				1
89B. Diseases of the mastoid process.....	4											1												
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																								
Total	6045	18	74	107	160	110	63	54	79	89	106	170	72	61	78	166	85	20	103	124	214	26	159	164
90-95. Diseases of the heart.....	5527	17	70	91	147	101	59	48	71	76	97	164	65	53	62	144	78	20	99	115	199	26	149	143
90. Pericarditis (acute rheumatic excluded).....	2																							
90B. Others under this title.....	2																							
91. Acute endocarditis (non-rheumatic).....	35	1				1	2	1				3									1		1	
91A. Bacterial endocarditis (acute, subacute or unspecified).....	26					1	2	1				1									1			
91B. Other acute or subacute endocarditis.....	6	1										1										1		
91C. Endocarditis (not specified under 45 years).....	3											1												
92. Chronic affections of the valves and endocardium.....	563	16	16	10	7	6	5	6	4	9	21	5	22	9	10	7			7	7	19	5	13	8
92A. Specified valvular diseases (rheumatic).....	186	2	8		2	3		1	2	7	7	2	8	5	5						9	2	5	4

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER—ONTARIO, 1944—Continued

of Residence

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Misskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Perry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York				
53	31	20	44	16	65	30	21	40	27	45	61	20	59	42	27	17	23	9	46	12	100	38	26	22	26	36	35	37	71	43	242				
...	1	...	1	...	...	...	...	...	...	...	1	2	1	...	1	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1	80
...	1	...	1	...	...	...	...	...	...	...	1	2	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1	80A
...	1	1	1	1	3	...	...	...	...	...	1	2	1	1	1	...	...	...	...	...	2	2	1	3	1	1	1	1	1	3	81	
...	1	1	1	1	3	...	...	...	...	...	1	2	1	1	...	...	...	...	...	...	2	2	1	2	1	1	1	1	1	3	81A	
...	...	...	...	...	3	1	2	...	...	...	...	...	...	1	1	...	...	...	...	...	3	2	...	1	...	...	...	...	...	...	...	81B
...	...	...	...	3	1	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	3	2	...	1	...	...	...	...	...	...	3	82
49	27	18	39	10	55	28	16	31	24	38	53	16	53	35	24	11	22	8	41	11	86	32	22	14	18	33	32	33	66	43	209	83			
16	5	11	9	4	28	8	8	9	10	18	22	8	12	16	8	5	10	2	16	3	23	13	4	7	6	10	9	9	22	12	97	83A			
3	2	1	...	...	1	4	1	...	...	...	1	...	2	...	...	1	...	...	1	4	6	1	2	...	...	...	...	1	...	...	9	83B
...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2	83C
1	...	2	1	1	2	...	...	...	...	2	1	4	1	...	...	2	3	3	1	1	1	5	2	2	...	...	...	3	1	13	83D	
29	20	7	27	5	26	18	4	18	13	20	29	7	36	18	14	6	9	3	22	6	57	18	7	7	9	19	23	24	41	29	88	83E			
1	...	1	...	1	...	...	...	...	...	...	1	1	2	1	1	...	...	...	3	2	...	...	1	...	...	...	...	1	...	...	3	84
1	...	1	...	1	...	1	...	...	...	...	1	1	2	1	1	...	...	...	3	2	...	...	1	...	...	...	...	1	...	...	1	84A
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	...	...	1	3	2	4	1	3	1	...	1	1	1	1	2	84B	
...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	3	1	...	1	1	1	1	1	1	2	85		
...	1	1	1	3	1	2	...	...	1	...	...	...	...	...	1	...	...	...	1	1	...	1	1	...	1	...	1	...	...	...	...	86
1	1	1	1	1	1	...	6	3	5	5	...	2	2	1	2	1	1	1	1	1	3	4	1	1	1	2	1	1	1	2	...	19	87		
1	1	1	1	1	1	...	1	1	3	2	...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	87B	
...	1	1	1	1	1	...	5	2	2	3	2	2	1	1	1	1	1	1	1	1	1	4	1	1	2	1	1	1	1	1	1	1	1	1	87C
...	1	1	1	1	1	...	5	2	2	3	2	2	1	1	1	1	1	1	1	1	1	4	1	1	2	1	1	1	1	1	1	1	1	1	87D
...	1	1	1	1	2	87E	
...	1	1	1	...	1	1	88	
...	...	1	1	2	1	...	1	...	1	1	1	1	1	1	1	2	89		
...	...	1	1	1	1	...	1	...	1	1	1	1	1	1	2	89A		
...	1	1	1	89B		
123	113	57	131	34	211	71	43	109	116	136	160	67	90	150	75	45	86	22	135	40	177	83	80	60	84	74	115	133	138	98	687				
106	104	53	114	26	181	62	40	102	108	128	150	61	84	141	67	41	72	21	129	39	161	75	78	58	79	68	101	120	123	96	645	90-95			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	90
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	90B
1	...	1	1	1	1	1	1	1	1	1	1	1	1	2	1	...	1	1	2	1	2	2	2	2	2	2	2	...	1	1	2	91			
1	...	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	91A		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	91B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	91C
6	7	8	9	1	16	2	...	6	15	23	20	13	3	5	5	7	11	6	21	6	22	8	10	8	8	5	9	10	17	3	61	92			
1	3	2	3	5	1	...	1	7	8	8	5	3	1	4	5	1	4	1	3	1	3	1	1	3	3	2	4	4	8	1	32	92A			

TABLE 43—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

Classified by Place

CAUSES OF DEATH	Total	COUNTIES																Kent	Lambton					
		Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand			Hamburton	Halton	Hastings	Huron	Kenora, incl. Patricia
92B. Other specified valvular diseases (non-rheumatic)	228	6	6	10	5	3	1	3	2	3	8	2	7	1	4	1	3	4	6	3	5	2		
92C. Unspecified valvular lesions and endocarditis	149	8	2				3	1	3	1	4	6	1	7	3	1	6	4	3	4		3	2	
93. Diseases of the myocardium	3020	1029	54	99	62	29	26	38	29	47	91	42	25	25	106	32	16	59	82	114	6	76	82	
93A. Acute myocarditis	51	1	1	1	1	1	1	1	1	4				5	3	1	1	2	1	1	3	1		
93B. Myocarditis (not specified under 45 years)	14										1							1						
93C. Chronic myocarditis and myocardial degeneration (rheumatic)	101	1	2	3	3	1	1	1	1	2	4	3	1	4	1	1	2	4	1	1	1	2		
93D. Chronic myocarditis (non-rheumatic)	2253	6	17	43	73	42	21	21	24	25	33	60	33	11	19	72	26	16	42	60	91	2	60	64
93E. Other myocarditis (not specified)	601	3	11	8	22	17	6	4	13	2	8	26	6	9	5	27	4	14	18	18	3	12	15	
94. Diseases of the coronary arteries and angina pectoris	1693	7	22	21	31	28	19	15	23	39	36	46	17	6	24	26	39	4	33	23	58	13	50	49
94A. Diseases of the coronary arteries	1621	6	20	21	30	27	18	15	22	38	35	43	17	5	21	25	39	4	32	20	56	13	47	46
94B. Angina pectoris	72	1	2		1	1	1	1	1	1	3	1	3	1					1	3	2		3	3
95. Other diseases of the heart	214	2			7	3	3	1	4	4	5	3	1	4	2					2	8	1	10	4
95A. Functional diseases of the heart (no organic lesion)	23				1	1					2										4		1	1
95B. Other diseases of the heart (rheumatic)	33				2	1									1					1		2		
95C. Other diseases of the heart (non-rheumatic)	158	2			4	2	2	1	4	4	3	3	1	4	1					2	3	1	7	3
96. Aneurysm (heart and aorta excepted)	16				1									2						1	1			
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted)	425	1	4	14	12	8	2	5	7	10	7	3	7	5	14	19	6		2	8	12		7	20
98. Gangrene	14									1				1										
99. Other diseases of the arteries	35		1			2	1	1	2	1				1	2				1		2		2	
100. Diseases of the veins	10				1							1							1				1	
101. Diseases of the lymphatic system	1																							
102. High blood pressure (idiopathic)	14		1								2				1	1								
103. Other diseases of the circulatory system	3													1										1
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																								
Total	998	4	13	14	23	9	33	5	4	19	12	20	16	19	6	22	13	1	16	29	28	12	35	25
104. Diseases of the nasal fossae and accessory sinuses	12													1	1		1					1	1	
105. Diseases of the larynx	8								1					1										
106. Bronchitis	78	2	2	1	2	1			2	1	3			2		3		1				1	3	
106A. Acute	21	1	2						2	1													3	
106B. Chronic	35	1			1	1					3			1	1			1					1	
106C. Unspecified	22			1	1									1	2									
107. Broncho pneumonia	388	1	5	7	10	1	17	3	1	6	3	2	10	3	3	12	3	1	10	19	13	1	19	6
108. Lobar pneumonia	206	1	2	5	2		4	1		7	2	8	1	3	2	3	4		4	2	2	2	6	5
109. Pneumonia (unspecified)	167	1	1		4	5	4	1	2	5	4	1	3		2	3			6	5	7	6	5	
110. Pleurisy	23	1			1	3					2	2	1							1				
110A. Empyema	15	1			1	2					2	2												
110B. Others under this title	8					1						1								1				
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs	57				3	1	3	1	1	1	1	1		3		1	1			2	4		1	3
111A. Haemorrhagic infarction and thrombosis of the lungs	7				1									1						1				
111B. Others under this title	50				2	1	3	1	1	1	1	1		2		1	1			1	4		1	3
112. Asthma	40	1			2	1	1	1	1			2	1		1	1				3				3
113. Pulmonary emphysema	1																							
114. Other diseases of the respiratory system (tuberculosis excepted)	18	2												1							1	1		

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1944—Continued
of Residence

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York		
2	3	1	5	1	9	...	...	1	6	12	4	...	1	1	...	1	3	4	8	4	19	5	8	2	2	3	4	5	7	...	22	92B
3	1	5	1	...	2	1	...	4	2	3	11	10	1	...	...	5	4	1	10	1	...	2	1	3	3	...	1	1	2	2	7	92C
71	63	31	61	11	106	31	32	65	54	56	86	27	48	89	43	20	35	5	73	26	79	44	44	35	46	31	65	66	54	65	279	93	
...	...	3	3	1	...	...	1	4	...	1	1	...	1	...	...	1	...	1	1	...	1	1	...	...	2	1	...	...	...	3	93A	
...	...	...	...	...	1	...	...	2	...	...	2	...	2	...	1	...	...	1	...	1	1	1	...	1	...	...	...	...	...	2	93B	
...	2	...	4	1	2	...	...	2	2	1	1	4	4	6	3	1	2	...	1	...	5	1	3	...	2	1	...	1	4	1	8	93C
49	53	25	41	10	81	23	18	47	45	47	60	20	30	72	28	12	21	5	46	18	63	19	36	28	30	20	50	51	43	60	241	93D	
22	5	3	15	...	22	8	13	12	5	7	24	3	11	11	11	6	12	...	24	7	10	22	5	6	14	8	14	14	7	4	25	93E	
27	32	13	40	6	51	24	5	27	33	42	39	20	32	39	14	6	24	8	34	4	46	19	20	13	21	31	18	39	45	27	265	94	
27	30	10	39	6	47	24	5	27	33	41	35	18	27	38	12	4	24	8	29	4	44	15	19	12	21	30	17	39	45	27	264	94A	
...	2	3	1	...	4	...	...	...	1	4	2	5	1	2	2	...	...	...	5	...	2	4	1	1	1	1	1	1	1	1	1	194B
1	2	1	3	8	7	5	2	3	6	6	4	1	1	6	4	8	2	1	...	1	12	4	2	2	2	1	7	4	6	...	38	95	
1	2	...	...	...	...	...	...	1	1	1	...	1	...	1	1	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	2	95A
...	...	...	...	...	2	...	1	...	1	2	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	3	1	...	...	13	95B
...	...	1	3	8	5	5	1	3	4	3	4	...	1	4	2	8	2	1	...	1	12	4	...	1	2	1	3	3	6	...	23	95C	
...	1	1	1	1	1	1	...	1	1	1	1	...	1	1	96
16	8	3	15	7	22	8	2	5	6	7	10	4	5	6	5	3	14	1	6	...	13	8	1	...	4	3	12	13	13	1	31	97	
...	...	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	2	...	...	...	...	2	...	...	1	...	2	98
1	1	1	1	...	4	...	...	1	1	...	1	...	...	2	1	...	...	...	...	...	1	...	1	...	1	...	1	...	1	1	4	99
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	100
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	101
...	...	...	...	...	1	...	...	2	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	3	102
...	1	103
13	20	8	21	7	31	14	20	8	14	33	18	8	12	19	16	10	12	7	22	17	33	9	26	10	25	13	12	31	15	12	104		
...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	2	...	1	...	...	1	...	...	1	104
4	3	1	...	3	2	1	...	2	5	...	1	...	2	...	...	5	2	...	3	1	3	1	3	...	1	...	1	...	1	...	10	105
3	3	1	...	2	2	...	1	3	1	...	1	...	1	...	...	1	1	...	1	2	...	1	3	...	...	...	1	...	...	...	10	106
5	11	1	6	4	16	5	7	1	4	5	5	2	5	9	6	2	6	4	8	11	11	3	10	4	7	6	5	4	38	107			
2	2	7	2	4	2	7	4	5	12	4	4	4	3	2	1	1	1	1	4	2	8	4	7	2	7	4	5	4	6	19	108		
1	4	2	5	...	6	4	4	3	1	5	4	1	1	4	2	...	2	1	5	2	7	...	4	2	5	1	4	3	1	18	109		
...	...	...	...	...	...	...	...	...	...	...	2	...	...	1	1	...	...	...	2	2	...	1	...	1	...	...	...	...	...	...	3	110
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	1	...	1	...	...	...	...	3	110A	
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	110B
...	...	2	1	...	1	...	1	...	1	1	1	...	1	...	2	...	1	...	...	...	2	...	1	...	1	2	2	2	1	1	8	111
...	1	1	1	...	1	...	1	...	1	1	1	...	1	...	2	...	1	...	...	...	1	...	1	...	1	2	2	2	1	1	1	111A
1	1	1	1	...	1	...	1	...	1	3	3	...	1	...	1	...	...	...	...	...	2	...	1	2	1	2	2	1	1	7	111B	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	6	112	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	113
...	1	...	...	...	1	...	...	2	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	4	1	...	1	114	

TABLE 43—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

Classified by Place

CAUSES OF DEATH	Total	Addington	Albama	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton	
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																									
Total	18					1	1				2									1				1	
151. Carbuncle and furuncle.....	1																								
152. Phlegmon and acute abscesses.....	9										1									1					1
153. Other diseases of the skin and cellular tissue.....	8					1	1				1														
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT																									
Total	24					1		1				3	3			1			1			2			1
154. Osteomyelitis and periostitis.....	10					1						3	1								2				
155. Other diseases of the bones (tuberculosis excepted).....	6							1					1												
156. Diseases of the joints and other organs of movement.....	8													1		1			1						1
156A. Diseases of the joints (tuberculosis and rheumatism excepted).....	2																								1
156B. Others under this title.....	6												1		1			1							
CLASS XIV.—CONGENITAL MALFORMATIONS																									
Total	303	1	1	3	9	4	12	3	3	6	3	9	6	2	3	5	2		5	10	11	2	9	6	
157. Congenital malformations.....	303	1	1	3	9	4	12	3	3	6	3	9	6	2	3	5	2		5	10	11	2	9	6	
157A. Congenital hydrocephalus.....	57	1		1	1	1	4					1	1	1	1	2			1	1	2	1	3		
157B. Spina bifida and meningocele.....	69			1	3		2	1	1	2									1	2	3		1	1	
157C. Anencephalus.....	10											2								1				1	
157D. Congenital malformations of the heart.....	101		1	1	3	1	5	2		3	2	6	3	1	1	3	1		1	2	2		4	2	
157E. Others under this title.....	66				2	2	1		2	1	1		2		1		1		2	3	4	1	1	2	
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE																									
Total	796	2	16	9	12	18	23	4	6	7	13	32	8	10	8	13	9	3	12	21	19	9	16	20	
158. Congenital debility.....	48		3	1	2		2		1						1				1		1		1	1	
159. Premature birth.....	499	2	10	3	7	12	18	3	5	4	11	20	7	9	5	6	6	2	9	18	11	5	8	13	
160. Injury at birth.....	136		1	4	2	4	1			2	1	8				5	3	1	2	2	4	2	4	2	
160A. Intracranial or spinal haemorrhage.....	60		1	4	1	4					1	4				2	1	1	2	1	2			4	
160B. Other intracranial or spinal injuries.....	13																					1	1		
160C. Others under this title.....	63				1		1			2		4				3	2			1	2	1	3	2	
161. Other diseases peculiar to the first year of life.....	113		2	1	1	2	2	1		1	1	4	1	1	2	2				1	3	2	3	2	
161A. Asphyxia (unspecified), atelectasis.....	55		1			1	1	1				1	1	1	1	2					1	1			
161B. Infection of the umbilicus, pemphigus and other infections.....	7																				1			1	
161C. Other specified diseases peculiar to the first year of life.....	51		1	1	1	1	1			1	1	3			1					1	1	1	3	1	

TABLE 43—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

Classified by Place

CAUSES OF DEATH	Total	Addington	Algonia	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengary	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton
CLASS XVI.—SENIILITY																								
Total	226	2	1	6	8	...	2	7	3	3	14	7	2	5	...	11	4	...	4	2	18	1	5	4
162. Senility.....	226	2	1	6	8	...	2	7	3	3	14	7	2	5	...	11	4	...	4	2	18	1	5	4
162A. With dementia.....	21	...	...	2	...	...	3	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...
162B. Without dementia.....	205	2	1	6	6	...	2	4	2	3	14	7	2	5	...	11	3	...	4	2	18	1	4	4
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																								
Total	1462	2	30	12	50	33	50	14	12	18	44	57	21	11	8	33	24	8	15	25	44	23	49	26
163-164. Suicides.....	149	..	2	1	2	2	4	..	1	1	6	4	1	1	..	5	4	..	1	1	3	2	5	2
163. Suicide by poisoning... 163A. By corrosive substances, solid and liquid poisonings.....	27	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
163B. By poisonous gas.....	15	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
164. Suicide by other means. 164A. By hanging or strangulation.....	122	..	2	1	..	2	4	..	1	1	6	4	1	1	..	5	4	..	..	1	3	2	5	2
164B. By drowning.....	41	1	1	..	1	2	..	1	1	3	2	1	..	..	..	3	1	..	..	1	..	2	1	..
164C. By firearms or explosives.....	24	..	..	..	1	..	..	..	..	1	..	..	..	..	..	1	1	..	..	..	..	2	..	..
164D. By cutting or piercing instruments.....	43	..	1	..	1	1	..	..	..	1	1	..	..	..	..	..	2	..	..	2	2	..	1	..
164E. By jumping from high places.....	9	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..
164F. By crushing.....	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
164G. By other or unspecified means.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
166-168. Homicides.....	13	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	2	1	..	..
166. Homicide by firearms...	2	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
167. Homicide by cutting or piercing instruments...	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
168. Homicide by other or unspecified means.....	10	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..
169-195. Accidental deaths...	1300	2	28	11	48	31	46	14	11	16	37	53	20	10	8	28	20	8	14	24	41	19	43	24
169. Railway accidents (excluding motor vehicles)	54	..	6	..	1	1	4	1	..	..	3	2	1	..	1	1	2	..	..	1	..	1	2	..
170. Motor vehicle accidents...	243	..	2	7	6	5	3	1	1	5	15	3	4	1	5	4	4	2	3	4	..	11	3	..
170A. Collisions with trains...	26	..	..	1	2	..	..	..	..	1	..	..	2	1	..	1	..	..	..	..	..	1	..	..
170B. Collisions with street-cars.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
170C. Automobile accidents (excluding trains or street-cars).....	210	..	2	6	4	5	3	1	1	4	15	3	2	..	5	3	4	2	3	4	..	10	3	..
170D. Motorcycle accidents (excluding automobiles)	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
171. Street-car and other road transport accidents...	9	..	..	..	1	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	1	..	..
171A. Street-car accidents (excluding trains and motor vehicles).....	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
171B. Others under this title	7	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	1	..
172. Water transport accidents.....	38	..	..	..	2	7	..	1	..	1	..	1	..	..	..	..	..	..	..	..	7	..	1	..
173. Air transport accidents...	65	..	2	..	3	1	..	1	7	3	5	..	..	..	..	4	..	..	2	4	1	3	..	..
174. Accidents in mines and quarries.....	21	..	2	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	1	..
175. Agricultural and forestry accidents.....	82	..	1	1	2	3	4	2	..	1	1	1	..	2	..	1	2	1	2	1	2	..	5	2
175A. Accidents involving agricultural machinery and vehicles.....	24	..	..	1	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	1	1
175B. Injury by animals, in agriculture.....	18	..	..	1	2	1	1	..	..	1	1	..	..	..	..	..	1	..	1	..	1	..	..	1
175C. Other agricultural accidents.....	25	..	1	..	1	1	1	..	1	..	..	..	1	..	..	..	1	..	..	1	..	3	..	..
175D. Accidents involving forestry machinery and vehicles.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
175E. Other forestry accidents	13	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1944—Continued

of Residence

Table with columns for municipalities (Lanark, Leeds, Lennox, Lincoln, Manitoulin, Middlesex, Muskoka, Nipissing, Norfolk, Northumberland, Ontario, Oxford, Parry Sound, Peel, Perth, Peterborough, Prescott, Prince Edward, Rainy River, Renfrew, Russell, Simcoe, Stormont, Sudbury, Thunder Bay, Timiskaming, Victoria, Waterloo, Welland, Wellington, Wentworth, York) and rows of numerical data representing counts for each category. Includes sub-rows for specific municipalities like 163-164, 163A, 163B, 164A, 164B, 164C, 164D, 164E, 164F, 164G, 166-168, 166, 167, 168, 169-195, 169, 170, 170A, 170B, 170C, 170D, 171, 171A, 171B, 172, 173, 174, 175, 175A, 175B, 175C, 175D, 175E.

5,000 TO 10,000 POPULATION, ONTARIO, 1944 (AS AT CENSUS 1941)—Continued
OF RESIDENCE

Leamington	Leaside	Lindsay	Long Branch	Midland	Mimico	New Toronto	Orillia	Parry Sound	Port Colborne	Port Hope	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
								1											1		57D
																			1		57E
1		3		1	6	3	3	2	1	3	2	3	5	3	2	1	2	5	2		
						1						1									58
						1						1									58A
1		2		1	5	1	2	1	1	2	2	1	5	1	2	1	1	4	2		59
		1			1	1	1							2			1	1			61
																					63
		1			1	1		1						2			1	1			63A
							1														63B
												1									63C
																					65
			1	2	2	1	1		3												72
																					72A
		1			1				1												73
		1			1				1												73A
					2	1	1		2												73B
				2	2	1	1		2												74
				2	1	1	1		2												74A
																					78
																					78A
9	4	16	3	6	10	4	14	8	11	6	5	6	13	14	6	4	14	9	7	13	
																					80
																					80A
					1				1												81
					1																81A
							2		1												81B
9	4	15	3	3	9	4	10	8	8	6	2	5	12	10	6	4	13	9	6	1	82
1	1	4	2	2	7	2	9	3	3	1	2	2	2	2	3	1	1	3	1	3	83
		2	1			1				2			1		2		1				83A
													1								83B
																					83C
																					83D
8	3	9		1	2	1	1	4	5	3		4	8	8	1	3	10	5	5	6	83E
													1								84
															1						84A
															1						84B
					1						1		1								85
		1							1												86
															2						87
																					87C
									1						2						287D

TABLE 44—CAUSES OF DEATH FOR TOWNS AND VILLAGES FOR
CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis	Hawkesbury	Ingersoll	Kenora
87E. Others under this title.....	2			1								
88. Diseases of organs and vision.....	2											
89. Diseases of the ear and of the mastoid process.....	4											
89A. Otitis and other diseases of the ear.....	4											
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM												
Total.....	788	36	21	37	45	31	15	31	12	14	24	26
90-95. Diseases of the heart.....	717	32	20	34	42	31	15	27	11	13	23	23
91. Acute endocarditis (non-rheumatic).....	6				1	1			1	1	1	1
91A. Bacterial endocarditis (acute, subacute or unspecified).....	5					1			1	1	1	1
91B. Other acute or subacute endocarditis.....	1				1							
92. Chronic affections of the valves and endocardium.....	50	3	1	6	5					2	2	2
92A. Specified valvular diseases (rheumatic).....	14			5								
92B. Other specified valvular diseases (non-rheumatic).....	26	3		1	5					1	1	1
92C. Unspecified valvular lesions and endocarditis.....	10		1							1	1	1
93. Diseases of the myocardium.....	393	16	13	21	18	15	10	16	3	6	9	12
93A. Acute myocarditis.....	8											
93B. Myocarditis (not specified under 45 years).....	4											
93C. Chronic myocarditis and myocardial degeneration (rheumatic).....	8											
93D. Chronic myocarditis (non-rheumatic).....	289	12	9	13	14	10	2	12	3	3	6	8
93E. Other myocarditis (not specified).....	84	4	4	8	4	5	8	4		3	3	4
94. Diseases of the coronary arteries and angina pectoris.....	247	13	6	6	17	14	5	7	7	3	11	8
94A. Diseases of the coronary arteries.....	244	13	6	6	17	14	4	7	7	2	10	8
94B. Angina pectoris.....	3									1	1	
95. Other diseases of the heart.....	21			1	1	1		4		1		
95A. Functional diseases of the heart (no organic lesion).....	3				1							
95B. Other diseases of the heart (rheumatic).....	4			1				1				
95C. Other diseases of the heart (non-rheumatic).....	14					1		3		1		
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted).....	53	4	1	3	2			4	1	1	1	1
98. Gangrene.....	5											1
99. Other diseases of the arteries.....	7				1							1
100. Diseases of the veins.....	3											
102. High blood pressure (idiopathic).....	3											
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM												
Total.....	131	7	6	8	4	4	4			3	2	4
105. Diseases of the larynx.....	1											
106. Bronchitis.....	8	2					1					
106A. Acute.....	3	1										
106B. Chronic.....	2											
106C. Unspecified.....	3	1					1					
107. Broncho pneumonia.....	50	3	3		1	1	3			1	1	2
108. Lobar pneumonia.....	30	1	1	5	1	1	1			1	1	
109. Pneumonia (unspecified).....	19		2		1	1	1					1
110. Pleurisy.....	1											
110B. Others under this title.....	1											
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs.....	12	1		3	1							
111A. Haemorrhagic infarction and thrombosis of the lungs.....	2				1							
111B. Others under this title.....	10	1		3								
112. Asthma.....	5											1
114. Other diseases of the respiratory system (tuberculosis excepted).....	5									1		
114A. Silicosis.....	1											
114C. Gangrene of lung.....	1											
114D. Others under this title.....	3									1		

TABLE 44—CAUSES OF DEATH FOR TOWNS AND VILLAGES FOR
CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis	Hawkesbury	Ingersoll	Kenora
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE												
Total	1			1								
152. Phlegmon and acute abscesses.....	1			1								
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT												
Total												
CLASS XIV.—CONGENITAL MALFORMATIONS												
Total	33	3			1	3	3		1			2
157. Congenital malformations.....	33	3			1	3	3		1			2
157A. Congenital hydrocephalus.....	7					2	1					1
157B. Spina bifida and meningocele.....	5	1										
157C. Anencephalus.....	2	1										
157D. Congenital malformations of the heart.....	11	1			1				1			1
157E. Others under this title.....	8						2					
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE												
Total	131	8	6	3	5	3	8	4	5	9	4	2
158. Congenital debility.....	9		1		1					3		
159. Premature birth.....	75	4	2	2	4	2		4	4	5	1	2
160. Injury at birth.....	27	1	3			1	2			1	2	
160A. Intracranial or spinal haemorrhage.....	19		3			1				1	2	
160C. Others under this title.....	8						2					
161. Other diseases peculiar to the first year of life.....	20	3		1					1			
161A. Asphyxia (unspecified), aetlectasis.....	8		1						1		1	
161B. Infection of the umbilicus, pemphigus and other infections.....	2											
161C. Other specified diseases peculiar to the first year of life.....	10	2		1								
CLASS XVI.—SENILITY												
Total	33	3		6	3		1	2				4
162. Senility.....	33	3		6	3		1	2				4
162A. With dementia.....	3			1								
162B. Without dementia.....	30	3		5	3		1	2				4
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS												
Total	153	8	2	6	2	5	3	5	6	2	6	1
163-164. Suicides.....	16			2								
163. Suicide by poisoning.....	3											
163A. By corrosive substances, solid and liquid poisonings.....	2											
163B. By poisonous gas.....	1											
164. Suicide by other means.....	13			2								
164A. By hanging or strangulation.....	4			1								
164B. By drowning.....	3			1								
164C. By firearms or explosives.....	3											
164E. By jumping from high places.....	2											
164G. By other or unspecified means.....	1											
166-168. Homicides.....	4											
168. Homicide by other or unspecified means.....	4											
169-195. Accidental deaths.....	133	8	2	4	2	5	3	5	6	2	6	1

TABLE 44—CAUSES OF DEATH FOR TOWNS AND VILLAGES FOR CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis	Hawkesbury	Ingersoll	Kenora
169. Railway accidents (excluding motor vehicles) . . .	6	1			1			1				1
170. Motor vehicle accidents	23	1	1				2		2		2	
170A. Collisions with trains	1						1					
170C. Automobile accidents (excluding trains or street-cars)	22	1	1				1		2		2	
171. Street-car and other road transport accidents . . .	7			1	1			1				
171A. Street-car accidents (excluding trains and motor vehicles)	4							1				
171B. Others under this title	3			1	1							
173. Air transport accidents	6	2										
175. Agricultural and forestry accidents	1											
175B. Injury by animals, in agriculture	1											
176. Other accidents involving machinery	3					1						
177. Food poisoning	1											
178. Accidental absorption of poisonous gas	1											
178C. Other carbon-monoxide gas	1											
179. Acute accidental poisoning by solids or liquids . . .	3							1		1		
180. Conflagration	8		1								1	
181. Accidental burns (conflagration excepted)	3					2					1	
182. Accidental mechanical suffocation	3											
183. Accidental drowning	15					1	1		3			
186. Accidental injury by fall or crushing	43	3		3		1		1	1		4	
186A. Accidental injury by fall	43	3		3		1		1	1		4	
191. Excessive heat	1											
192. Lightning	1							1				
195. Other accidents	3	1										
195D. Obstruction, suffocation or puncture by ingested objects	1											
195E. Other and unspecified objects	2	1										
196-198 OPERATIONS OF WAR AND LEGAL EXECUTIONS												
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH												
Total	1			1								
200. Ill-defined and unknown causes	1			1								
200A. Ill-defined	1			1								

CLASSIFICATION OF ACCIDENTAL DEATHS ACCORD

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

Accidental absorption of poisonous gas	3									1		
Accidental burns	15		1			2						
Accidental mechanical suffocation	3											
Accidental drowning	16		1			1	1		3			
Accidental injury by fall	45	3	3			1		2	1		4	
Accidental injury by crushing	41	4		1	2	1	2	1	2		2	1

5,000 TO 10,000 POPULATION, ONTARIO, 1944 (AS AT CENSUS 1941)—Continued
OF RESIDENCE

Leamington	Leaside	Lindsay	Long Branch	Midland	Mimico	New Toronto	Orillia	Parry Sound	Port Colborne	Port Hope	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby
1		2			2	1	2	2	1		2				1	1		2		169
	1	2				1	2	2	1		2					1		2		170
			1						1							1			1	170A
				1				1												170c
									1											171
		1													1	1				171A
								1											1	171B
																				173
																				175
		1																	1	175B
				1				1												176
																				177
	1																			178
	1																			178c
				4					1					1			1			179
1				2		2														180
			1		1				1			1								181
																				182
1	1	1	2	3	1	2	8	3	1		2	2	2	2	1	1	2			183
1	1	2	3	3	1	2	8	3	1			2	2			1		2		186
		1															1	2		186A
																				191
																				192
							2													195
							1													195D
							1													195E
																				196-
																				198
																				200
																				200A

ING TO THE NATURE OF INJURY

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

1	1			1		2			1	1		1		1		1				
1		1		1					1				1	2		1	2			
1	1	2		3	1	2	9		3	1		2	2		1	1	1	2		
1		3	1	1	2	1	2	3	2		2				2	2		2	1	

TABLE 45—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES OF 10,000
CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
CLASS V.—CHRONIC POISONING AND INTOXICATION												
Total	29				1							2
77. Alcoholism.....	22				1							1
77A. Acute alcoholism.....	7				1							
77B. Chronic alcoholism.....	7											
77C. Others under this title.....	8				1							1
78. Lead poisoning.....	1											
78A. Occupational.....	1											
79. Chronic poisoning by other mineral and organic substances.....	6											1
79A. Occupational.....	1											
79B. Non-occupational.....	5											1
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS												
Total	2,175	22	38	16	19	18	12	14	26	43	189	33
80. Encephalitis (non-epidemic).....	20			1	1					1	1	
80A. Intracranial abscess.....	13				1					1		
80B. Others under this title.....	7			1							1	
81. Meningitis (non-meningococcal).....	25									1	4	
81A. Simple meningitis.....	24									1	3	
81B. Acute cerebrospinal meningitis.....	1										1	
82. Diseases of the medulla and spinal cord.....	43	2	1			1				1	4	1
83. Intracranial lesions of vascular origin.....	1,889	18	34	14	17	17	12	14	19	38	162	27
83A. Cerebral haemorrhage or effusion.....	720	7	11	4	4	7	4	9	4	12	44	6
83B. Cerebral embolism and thrombosis.....	144	1				1	2		1	5	23	2
83C. Cerebral softening.....	5											
83D. Hemiplegia and other paralysis of unspecified origin.....	77	1			2						5	1
83E. With mention of arteriosclerosis.....	943	9	23	10	11	9	6	5	4	21	90	18
84. Mental disorders and deficiency (general paralysis of the insane excepted).....	28		1		1						2	1
84A. Schizophrenia (dementia praecox).....	5										1	
84B. Others under this title.....	23		1		1						1	1
85. Epilepsy.....	28	1									2	3
86. Convulsions (under 5 years of age).....	6			1								
87. Other diseases of the nervous system.....	107	1	2						7	1	13	
87A. Chorea.....	1											
87B. Neuritis.....	3											
87C. Paralysis agitans.....	41									1	4	
87D. Disseminated sclerosis.....	45		2					7			6	
87E. Others under this title.....	17	1									3	
88. Diseases of organs of vision.....	4											1
89. Diseases of the ear and of the mastoid process.....	25									1	1	
88A. Otitis and other diseases of the ear.....	16									1	1	
89B. Diseases of the mastoid process.....	9											
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM												
Total	6,558	63	173	68	71	38	27	81	58	85	608	132
90-95. Diseases of the heart.....	6,159	59	160	66	66	35	25	79	54	79	572	113
90. Pericarditis (acute rheumatic excluded).....	2											1
90B. Others under this title.....	2											1
91. Acute endocarditis (non-rheumatic).....	52		1	3				1	1	1	6	2
91A. Bacterial endocarditis (acute, subacute or unspecified).....	39		1	2				1	1		4	2
91B. Other acute or subacute endocarditis.....	8			1							1	
91C. Endocarditis (not specified under 45 years).....	5									1	1	
92. Chronic affections of the valves and endocardium.....	443	7	38	5	5	6	2	7	3	8	27	12
92A. Specified valvular diseases (rheumatic).....	188	3	16	3	4	2	1	4	1	1	8	4
92B. Other specified valvular diseases (non-rheumatic).....	157	4	9	1		2	1	2	1	5	16	7
92C. Unspecified valvular lesions and endocarditis.....	98		13	1	1	2		1	1	2	3	1
93. Diseases of the myocardium.....	3,084	27	71	35	35	13	8	47	31	32	348	53
93A. Acute myocarditis.....	35		3	1		1				1	4	

POPULATION AND OVER—ONTARIO, 1944 (AS AT CENSUS 1941)—Continued
OF RESIDENCE

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock
1				1	4					1					1	1	17			
1				1	3										1	1	13			77
1				1	1	1									1	1	6			77A
																	5			77B
																	2			77C
																	1			78
																	1			78A
					1					1							3			79
					1					1							1			79A
										1							2			79B
40	81	33	6	24	199	25	16	30	23	38	40	36	32	17	26	12	936	7	95	29
					1							1					14			80
					1							1					9			80A
1			1	1	2					1							5			80B
1			1	1	2					1							11		1	81
1																	11			81A
1																	2			81B
1	1				7	1		3		2		1					13		4	82
36	75	31	3	21	171	20	14	24	21	33	36	31	31	16	19	10	811	6	82	26
21	25	6	1	5	68	7	2	5	10	17	13	11	9	7	11	6	343	2	26	13
	8	4		1	9	1			1	2	1	4		2	1		68	1	5	83A
					3					1							2			83B
																				83C
	3	1		12	7	7	2	2	1	3	3				1		33		2	3
15	39	20	2	15	79	12	5	17	10	13	19	16	22	7	6	4	365	3	49	9
					2	2	1			1							12		2	1
					2	2	1										9			84
					2	2				1							3		2	1
	1				1							2					9			84B
2	1				3							2			3		3		2	85
	1				1					1							3			86
	2		1		8	1	1	3		1	1	2	1	1	1	1	50	1	4	1
					1															87
					1												1			87A
					5	1		2		1	1			1			1			87B
	1				1					1	1	2	1				23		2	1
	1				1					1			1				21		2	87D
	1				5	1			2	1							5	1	2	87E
					1					1							1			88
					3	1			1		1						12			1
					2				1		1						4			89
																				89A
																				89B
107	354	72	59	76	567	48	34	106	102	91	84	65	70	72	54	35	2790	39	263	66
96	325	66	55	70	532	43	32	93	96	84	77	61	68	68	50	33	2652	37	251	62
																	1			90
																	1			90B
					3		2	1		1			1			1	19	1	4	91
																				91A
	1	1	1		2		1	1			1		1			1	14	1	3	91B
					1												3			91C
4																	2			92
1	22	3	10	7	44	2	6	6	5	3	1	7	9	7	7	3	136	2	29	10
	12	1	2	3	19	1		2	4	2	1	1	2	6		1	77		5	2
2	7	1	6	3	14	1	2	3	1		1	5	2	1	5	2	32	2	13	6
1	3	1	2	1	11			4	1		1	5				27			11	2
53	179	36	21	29	249	23	16	63	44	49	35	20	28	38	20	15	1285	26	116	39
	2	1	1		1	1	1	4				1				10		1	1	93A

TABLE 45—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES OF 10,000

CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
93B. Myocarditis (not specified under 45 years)	13	1							1	1	2	1
93C. Chronic myocarditis and myocardial degeneration (rheumatic)	105	2	3			1		3			13	
93D. Chronic myocarditis (non-rheumatic)	2,496	18	54	29	30	7	7	41	23	19	288	46
93E. Other myocarditis (not specified)	435	6	11	5	5	4	1	3	7	11	41	6
94. Diseases of the coronary arteries and angina pectoris	2,397	22	49	23	22	11	13	24	18	37	174	43
94A. Diseases of the coronary arteries	2,363	20	48	23	20	11	13	24	18	37	172	42
94B. Angina pectoris	34	2	1		2						2	1
95. Other diseases of the heart	181	3	1		4	5	2		1	1	16	3
95A. Functional diseases of the heart (no organic lesion)	22											1
95B. Other diseases of the heart (rheumatic)	60	1			1		2				7	1
95C. Other diseases of the heart (non-rheumatic)	69	2	1		3	5			1	1	8	2
96. Aneurysm (heart and aorta excepted)	27			1	1					1	1	1
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted)	288	4	10	1	2	3	2	2	4	5	26	15
98. Gangrene	7											
99. Other diseases of the arteries	38		3		1							3
100. Diseases of the veins	23										3	
102. High blood pressure (idiopathic)	15				1							
103. Other diseases of the circulatory system	1											
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM												
Total	1,024	8	14	7	9	13	1	7	6	16	123	26
104. Diseases of the nasal fossae and accessory sinuses	10		1									
105. Diseases of the larynx	4											
106. Bronchitis	59	1				3		1	1	1	4	2
106A. Acute	9					1					1	
106B. Chronic	39					2		1	1		3	2
106C. Unspecified	4	1								1		
107. Broncho pneumonia	452	2	3	5	4	5		1	3	3	46	9
108. Lobar pneumonia	243	2	5	1	1	2		2	1	5	38	7
109. Pneumonia (unspecified)	129	3	2		4	2			1	3	20	2
110. Pleurisy	17		2					2		1	1	
110A. Empyema	14		1					2			1	
110B. Others under this title	3		1							1		
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs	52					1				3	3	5
111A. Haemorrhagic infarction and thrombosis of the lungs	6											
111B. Others under this title	46					1				3	3	5
112. Asthma	33						1	1			8	
113. Pulmonary emphysema	2		1									
114. Other diseases of the respiratory system (tuberculosis excepted)	30			1							3	1
114A. Sarcosis	6			1								
114D. Others under this title	24										3	1
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM												
Total	857	10	12	10	12	12	3	11	5	13	87	16
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils	32		1								6	
115A. Diseases of the teeth and gums	4											
115B. Septic sore throat	5		1								1	
115C. Diseases of the pharynx and tonsils	22										5	
115D. Others under this title	1											
116. Diseases of the oesophagus	7										2	
117. Ulcer of the stomach or duodenum	155			2	2	2	1	3	1	1	18	2
117A. Stomach	78			1	2	2	1	1	1	1	7	1
117B. Duodenum	77			1				2			11	1
118. Other diseases of the stomach	10									1		
119. Diarrhoea and enteritis (under 2 years of age)	142	1	1	4	3	2				2	19	6
119A. Diarrhoea and enteritis	142	1	1	4	3	2				2	19	6
120. Diarrhoea and enteritis (2 years of age and over)	32		1			1			2		1	
120A. Diarrhoea and enteritis	14					1			1			
120B. Ulceration of the intestines	18		1						1		1	
121. Appendicitis	71	1	1	1	1				2		4	1

POPULATION AND OVER—ONTARIO, 1944 (AS AT CENSUS 1941)—Continued
OF RESIDENCE

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock		
										3											93B	
3	5	1	1	1	9					3	1			1			50	1			93C	
43	151	19	15	25	206	22	9	44	32	24	32	15	22	30	17	15	1069	22	93	2	93D	
7	21	15	4	3	33		6	15	9	22	2	4	6	6	1		154	1	19	7	93E	
36	107	24	21	33	220	11	7	22	44	29	38	33	28	20	23	12	1142	5	94	12	94	
36	102	24	18	32	213	10	7	22	44	29	38	33	28	19	23	12	1134	5	94	12	94A	
	5			1	7	1											8				94B	
	2	2	2	1	16	7	1	1	3	3	2	1	2	3		2	69	3	8	1	95	
1	3		2		2	1		1	2	1							5			3	95A	
	1	1		1	2	3					1			1		1	34			3	95B	
1	12	1		1	12	3	1		1	2	1	1	2	2		1	30	3		2	95C	
	5	1		1	1			1	2						1		7			2	96	
9	18	5	3	2	27	4	1	9	2	5	6	3	1	3	3	2	100	1	8	2	97	
	1							1	2				1				2				98	
1	2		1	1	4			1		2		1	1	1			8	1	2		99	
1	1	1		1	2	1	1				1						11			1	100	
1	1	1		1	1			1									10				102	
1	1				1																103	
14	57	6	7	7	66	10	6	19	8	17	6	4	8	11	22	4	465	3	44	10		
		1			2												5			1	104	
	2				6	2		1		2				1	1		3			1	105	
					1												23				106	
	2				5	2		1		2				1	1		6			1	106A	
																	15				106B	
																	2				106C	
8	30	3	3	3	30	2	2	10	5	7	5	2	5	3	0	1	223	2	15	2	107	
3	7				18			4	2	7	1	1	1	5	5	1	101	1	12	5	108	
1	13	1	2	3	4	3	2	1	1		1	1	1	1	7	1	43	1	9	2	109	
	1				1												8			1	110	
	1				1												7			1	110A	
																	1				110B	
1	2	1	1		1	1		1				1		1	1		27		2		111	
	1				1	1		1									3			1	111A	
1	1	1	1		1	1		1				1		1	1		24		1		111B	
1	1				4	1		1									14		1		112	
																			1			113
	1					1		1						1		2	18				114	
	1					1		1						1		2	3			1	114A	
														1		2	15				114B	
17	35	11	10	11	70	15	4	20	14	14	9	12	14	8	27	8	301	5	50	11		
1		1		1	3		1	1	1							1	12		3		115	
1				1			1										1				115A	
																	3				115B	
		1			3			1	1							1	8		2		115C	
																	4		1		115D	
	1																4				116	
2	4	1		3	12	1		4	3	1	1	2	4	3	1	1	69		8	3	117	
1	3	1			9	1		2	1	2	2	2	2	2	2	1	28		5	2	117A	
1	1			2	3			2	2	1	1					1	4		3	1	117B	
2				1	3			2	2	1	1						4				118	
	4	2			12	5	1	2		3		2	3	1	22	3	21	2	15	1	119	
	4	2	5		15	5	1	2		3		2	5	1	22	3	21	2	15	1	119A	
					7	1	1		1								17				120	
					9	1											6				120A	
					9												11				120B	
3	3	1	3		3	1		3	1	2	2	3	3	1			26		4	1	121	

POPULATION AND OVER—ONTARIO, 1944 (AS AT CENSUS 1941)—Continued
OF RESIDENCE

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
2	10	1	1	3	7	3	1	3	4	1	1	2	1	1	3	1	52	3	8	3	122
2	4	1	1	3	4	3	1	3	4	1	1	2	1	1	2	1	25	1	4	3	122A
1	6	1	1	3	4	3	1	3	4	1	1	2	1	1	2	1	27	1	4	3	122B
2	2	1	1	3	2	3	1	3	2	1	1	1	1	1	1	1	12	2	1	1	123
1	3	1	1	1	11	1	1	1	2	1	1	1	1	1	1	1	35	2	3	1	124
1	3	1	1	1	10	1	1	2	1	1	1	1	1	1	1	1	2	1	2	1	124A
1	3	1	1	1	2	1	1	2	2	2	1	1	1	1	1	1	9	1	2	1	124B
1	3	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1	5	1	3	1	125
3	3	1	1	2	1	1	1	3	2	2	1	1	1	1	1	1	4	1	3	1	125A
1	3	1	1	2	4	1	1	2	2	2	1	1	1	1	1	1	13	1	3	1	125B
2	2	1	1	1	3	1	1	2	3	3	2	1	1	1	1	1	3	3	1	1	126
1	2	1	1	1	3	1	1	2	1	1	1	1	1	1	1	1	3	1	1	1	127
1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	11	1	1	1	128
1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	11	1	1	1	129
29	67	15	4	10	132	6	8	21	10	18	16	14	18	15	16	10	354	11	110	11	
25	55	11	1	6	1	2	1	1	1	1	1	1	1	1	1	1	5	2	3	3	130
1	2	1	1	1	101	4	6	11	8	15	12	8	16	12	11	8	208	7	79	6	131
1	1	1	2	1	4	1	1	2	1	1	1	2	1	1	1	1	17	1	7	2	132
1	3	1	1	1	5	1	1	1	1	1	2	1	1	1	2	1	21	1	6	1	133
1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	9	1	4	2	134
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	1	4	2	135
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	2	136
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	4	2	136A
2	5	2	1	16	2	1	1	4	1	2	1	2	1	2	1	1	67	2	6	1	136P
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	6	1	137
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	1	5	1	138
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	1	4	1	139
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	1	1	1	139A
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	1	1	1	139B
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	1	1	1	139C
4	5	3	1	12	1	1	1	1	1	1	1	1	3	1	4	1	29	1	7	1	
1	3	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	10	1	2	1	140
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	2	1	140A
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	2	1	140B
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	2	1	140C
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	141
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	141C
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	142
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	142A
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	142B
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	144
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	145
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	2	1	146
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	146A
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	146C
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	147
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	148
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	148A
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	148B
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	148D
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	149
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	149A
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	149B
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	150
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	150C

TABLE 45—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES OF 10,000
CLASSIFIED AT PLACE

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE												
Total	31								1		1	
151. Carbuncle and furuncle.....	2											
152. Phlegmon and acute abscesses.....	10										1	
153. Other diseases of the skin and cellular tissue.....	19								1			
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT												
Total	17										1	1
154. Osteomyelitis and periostitis.....	5											
155. Other diseases of the bones (tuberculosis excepted).....	2											
156. Diseases of the joints and other organs of movement.....	10										1	1
156A. Diseases of the joints (tuberculosis and rheumatism excepted).....	3										1	
156B. Others under this title.....	7											1
CLASS XIV.—CONGENITAL MALFORMATIONS												
Total	275	5	4	1	4	7		3	1	4	16	9
157. Congenital malformations.....	275	5	4	1	4	7		3	1	4	16	9
157A. Congenital hydrocephalus.....	51	2	2							1	3	
157B. Spina bifida and meningocele.....	67		1	1	2	1		2			4	5
157C. Anencephalus.....	9					2						
157D. Congenital malformations of the heart.....	80	1			2	3		1	1	2	4	3
157E. Others under this title.....	68	2	1			1				1	5	1
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE												
Total	788	5	16	4	7	15	2	9	10	10	77	16
158. Congenital debility.....	24							1			4	2
159. Premature birth.....	505	3	8	2	6	13	2	1	8	9	50	10
160. Injury at birth.....	161	2	6	1	1	2		6	2	1	13	2
160A. Intracranial or spinal haemorrhage.....	75	1	4					3		1	3	1
160B. Other intracranial or spinal injuries.....	4											
160C. Others under this title.....	82	1	2	1	1	2		3	2		10	1
161. Other diseases peculiar to the first year of life.....	98		2	1				1			10	2
160A. Asphyxia (unspecified), atelectasis.....	47		2	1							6	2
161B. Infection of the umbilicus, pemphigus and other infections.....	13											1
161C. Other specified diseases peculiar to the first year of life.....	38							1			3	
CLASS XVI.—SENILITY												
Total	134	5	5		3			1			6	2
162. Senility.....	134	5	5		3			1			6	2
162A. With dementia.....	9										1	
162B. Without dementia.....	125	5	5		3			1			5	2

TABLE 45—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES, OF 10,000
CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH												
Total.....	23	1				1					1	
199. Sudden death.....	3					1						
200. Ill-defined and unknown causes.....	20	1									1	
200A. Ill-defined.....	8	1										
200B. Found dead.....	1											
200C. Unknown or unspecified cause.....	11										1	

CLASSIFICATION OF ACCIDENTAL DEATHS ACCORD

These accidental deaths are classified above according to circumstances involving the

Accidental absorption of poisonous gas.....	34			1							2	4
Accidental burns.....	66	1	1					2			15	
Accidental mechanical suffocation.....	18									1	1	1
Accidental drowning.....	144	2	2		1	1		6		1	13	6
Accidental injury by cutting or piercing instruments.....	6	1										
Accidental injury by fall.....	349	3	11	4	1	4	1	4	3	8	25	7
Accidental injury by crushing.....	378	1	12	2	6	3		9	2	7	43	7
Accidents due to electric currents.....	6						1				1	1

TABLE 46—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Haldon	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
	39,781	69	508	709	518	2,113	522	169	181	318	581	1,593	618	185	219	656	278	55	310	652	595	248	724	687	415
DEATHS—ALL CAUSES																									
Total.....	39,781	69	508	709	518	2,113	522	169	181	318	581	1,593	618	185	219	656	278	55	310	652	595	248	724	687	415
CLASS I.—INFECTIOUS AND PARASITIC DISEASES																									
Total.....	2128	4	48	45	35	131	78	4	6	18	22	77	41	6	5	34	21	4	18	33	19	54	50	34	17
1. Typhoid fever.....	5						1					1				1									
2. Paratyphoid fever.....	3				1																				
5. Undulant fever.....	2										1														
6. Cerebrospinal meningitis.....	36		1			1				1	2	2	1											3	
8. Scarlet fever.....	31				1	2	3			1	2					1							1	1	
9. Whooping-cough.....	54				2	3						1	1			1							1	3	1
10. Diphtheria.....	19	1				1	2					1										1			
11. Erysipelas.....	8				1	1						1											1		1
12. Tetanus.....	9										1	1											1	1	
13-22. Tuberculosis.....	1068	2	27	22	13	75	44		3	3	8	43	15	3	3	11	9	1	6	11	6	44	12	15	6
13. Tuberculosis of the respiratory system.....	922	1	25	18	11	65	39		3	3	6	38	12	3	3	11	9	1	4	10	5	35	12	13	5
13A. With mention of occupational diseases of lungs.....	23			1		2	5				1	1							1					1	1
13B. Without mention of occupational diseases of lungs.....	853	1	24	16	11	61	33		2	3	5	35	11	3	3	10	9	1	3	10	5	29	12	12	3
13C. Unspecified site.....	17			1		1	1		1													5			
13D. With mention of dementia praecox.....	29		1			1						2	1		1							1			1
14. Tuberculosis of the meninges and central nervous system.....	66			2	1	4	3				2	4	1						1			3			
15. Tuberculosis of the intestines and peritoneum.....	19	1		1		2	1												1			1			
16. Tuberculosis of the vertebral column.....	12					2						1										1			
17. Tuberculosis of other bones and joints.....	10			1	1																	2		1	
17A. Bones.....	2																					1			
17B. Joints.....	8			1	1																	1		1	
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal gland excepted).....	7					1																			
20. Tuberculosis of the genitourinary system.....	16		1			1	1					1										1		1	1
21. Tuberculosis of other organs.....	5												1						1						
22. Disseminated tuberculosis.....	11		1										1									2			
22A. Acute generalized miliary.....	10		1										1									2			
22B. Other and unspecified generalized.....	1																								
24. Purulent infection and septicaemia.....	14					2														1					1
25. Gonococcus infection.....	2						1																		
27. Dysentery.....	23		2		2		1															2			
28. Malaria.....	2																1	2							
30. Syphilis.....	244		6	3	3	22	5				2	10	5		1		2		3	3	2	1	4	1	
30A. Locomotor ataxia (tabes dorsalis).....	23			2	1	1						2													
30B. General paralysis of the insane.....	66		1	1		6	1					1	2				1		2		1		2		
30C. Other syphilis of the central nervous system.....	19					2						2									1		1		
30D. Others under this title.....	136		5		2	13	4				2	5	3		1		1		1	3		1	1	1	
32. Other diseases due to spirochaetes.....	11			1		1				1			1										1		
33. Influenza.....	434	1	9	17	8	17	13	2	1	9	5	7	12	2	1	19	5	2	4	16	7	6	21	11	9
33A. With respiratory complications.....	276	1	5	9	4	14	1	1	6	5	5	8	1	1	10	1	2	2	10	3	3	16	9	5	
33B. Without respiratory complications.....	158		4	8	4	3	12	2		3		2	4	1		9	4		2	6	4	3	5	2	4
35. Measles.....	38	1	2		2	1	3				1	2							1				3	1	
36. Acute poliomyelitis and polioencephalitis.....	21									1		2	1				1		1		2				

TOWNS AND VILLAGES OF 5,000 AND OVER—ONTARIO, 1944

OF RESIDENCE

	Leeds	Lennox	Lincoln	Manitowlin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Perry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York					
	457	158	693	124	1,499	226	368	356	389	672	649	270	337	575	550	284	232	146	589	184	977	428	647	748	370	307	977	957	707	2,121	9,881					
15	6	30	20	57	12	28	11	17	28	21	23	7	24	20	19	11	10	11	35	7	34	32	63	73	38	12	34	56	40	87	454					
1	2	1		2	3	1		3	1		1			1	1		1		3		2	1					4	2			2	1				
6	3	16	8	30	6	12	4	7	13	9	10	1	8	7	12	3	8	18	4	7	17	39	47	24	4	16	30	15	50	252	13-22					
6	2	16	7	22	5	10	4	6	9	7	9	1	7	6	9	2	7	15	4	6	13	35	39	23	4	14	29	13	44	216	13					
				1																1				1	1	1	1	1	1	1	3	13A				
5	2	15	7	19	5	9	4	6	9	6	8	1	6	6	8	2	7	14	4	4	11	35	38	22	4	12	25	12	40	205	13B					
1				1	1	1				1	1		1		1			1			2						3		2		6	13B				
	1		1	4		1		1		1	1		1		2			2		2	3	3	1			1	1		2		17	14				
				1		1			1								1	1			1	1		1				1			4	15				
				1					1									1	1		1	1							1			3	16			
									2																1					1		1	17			
									2													1								1			17A			
																									1							1	17B			
											1				1	1								1								1	3	19		
				1																			1	1			1						4	20		
				1	1																				1								21			
				1	1																												4	22		
				1																														4	22A	
																									1									22B		
										1																		2						6	24	
										1																								25		
				1		1				1												2							2	1	2			1	27	
	1	2		5		1	2			1	1				2	2	1				4	3	7	15	5		1	3	2	12			28			
									5	2	1	2	2	2	2	1	2																	28		
																					4	3	7	15	5		1							30		
																								1											14	30A
		2		1		1								1	1	1						1	2	3	1	2									26	30B
				1					4	2	1	1	1	1	1	1	2				2	1	4	13	2					1	5			7	30C	
4	2	6	10	11	2	7	4	4	1	4	8	4	8	9	5	3	2		1	9	2	11	5	3	3	6	1	5	9	14	17	12		2	32	
2	2	5	3	8	2	6	3	3	1	4	5	4	3	5	4	3			8	1	8	5	2	1	5	3	8	10	9	11				20	33A	
2		1	7	3		1	1	1			3		5	4	1	2			2	1	3		1	2	1	2	1	4	8	1				20	33B	
1				1		3			2	1	1				1	1			1	1	1	3		3	1	1	1							3	35	
				1				1	1	1				1					1		1						1	1	1	1					2	36

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1944—Continued

OF RESIDENCE

Leeds	Lennox	Lincoln	Manitowlin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York		
		1		1				1										1						1						2 37		
																1															2 38	
																															38A	
																															2 38C	
																															38D	
																								1							39	
																															43	
	1	3		4		1			1	1			4		1								1		2		2	1	5	21 44		
																															44A	
	1	3		4		1			1	1			4		1								1		2		2	1	5	21 44B		
																															44C	
58	20	106	10	213	28	28	35	63	78	84	31	37	64	72	35	28	14	74	18	103	46	61	90	52	38	160	118	84	315	1530		
57	19	105	10	208	27	27	34	62	78	81	29	37	64	69	34	27	13	74	17	98	45	59	90	49	36	155	112	80	304	1489	45-55	
3		1		2	1	1		4	3	2	1		2	4			1	2		4	1	2	2	3	3	5	5	5	11	39 45		
30	9	52	5	104	14	15	14	33	39	39	20	16	39	35	18	16	5	43	10	51	17	30	45	23	23	70	60	41	141	682 46		
2	2	3		8		9		2	2	7	14	11	12	7	2	7	1	1	1	1	3	6	1	1	2	1	1	1	2	9	40 46A	
8	2	15	2	35	4			7	14	11	7	6	17	12	8	6	5	21	7	24	6	9	17	10	11	25	27	18	31	202 46B		
4		10		12	4					5	2	1	1	5	2	4		7		4	1	3	6	8	7	7	7	1	3	25	2 46C	
8	2	13	2	35	5	3	5	9	13	13	4	6	12	5	4	2	7		14	4	9	9	8	8	27	19	12	46	12 46D			
5		9		11		2		3	5	3	6	1	2	3	3	2	2		1	3	6	2	2	1	1	5	1	4	19	65 46E		
3	1			3	1			1	2	5	1		1					2		2	2	3	3	1	4	5	2	10		55 46G		
								1	1	1						1									1		1					7 46H
												1															1					4 46M
2	1			6	2	2	1		5	2	1	2	1	3			2	7	1	4	5	4	10	2		6	7	2	28	144 47		
				1	1				3	1		2	1	2			2	2	2	2	2	1	2				1	1	1	3	12 47A	
1	1	6		2	1	2	1		3	1	2	1	2			2	5	1	3	2	2	6	1		6	6	1	16	78 47B			
1										1				1		1				1	1	1	2	2	1				9	54 47C		
3	2	8	2	14		3	8	7	3	9	2	2	4	2	2	3	2	4	1	7	5	4	5	3	2	7	7	2	26	106 48		
1	1	6	1	9		1	6	5	2	4	1		1		1	1				3	2	3	2	1	1	3	1	11		60 48A		
2	1	2	1	5		2	2	2	1	5	1	2	3	2	1	3	1	4	1	4	3	4	2	1	1	6	4	1	15	46 48B		
1		6		8					1	2		1	1	3	1				1	3	3	1	2	1	1	7	3	3	7	59 49		
3	3	9		27	5	1	3	6	12	7	3	5	6	7	3		1	9		15	9	4	6	6	1	20	11	15	29	144 50		
6		3	1	15	3		1	2	4	4	1	3	3	8	2	3			1	5	2	4	2	5	3	9	7	2	14	67 51		
6	1	3	1	13		3	3	1	6	9	1	1	5	2	1		1	2	1	1			3	8	2	8	5	5	22	92 52		
			1	3					3	2		3	2	1										2	1	2	1	2	6		25 52A	
6	1	3		10		3	2	1	3	7	1	1	5	2	1		1	1	1	1		3	6	1	1	6	4	3	15	66 52B		
								1																							1	1 52C
	1	1		3		1	1	2		2		1		1	2	1			2		1	1	1	1	1	5	3	3	1	10 53		
2		1	1	2	1			2				2						3	1	1	1		1	2		1	1	1	9	37 54		
1	2	12		14	1	1	3	7	3	5		4	3	4	3	4	1	2	1	6	2	6	7	4	2	17	3	1	16	109 55		
1		1		5		1	1	1		3	1			3				1	1	4	1	2		2	2	5	4	3	8	29 56		
				2						1				1						3		1				3	1		4		11 56A	
1				2		1		1		2				1						3		1			1	2	1	1	3		6 56B	
																					1											56C
																									1						1	8 56D
																								1								4 56E
1											1					1											2	1	3		12 57	

TABLE 46—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES, CLASSIFIED BY PLACE

Table with 15 columns (CAUSES OF DEATH, Total, Addington, Algoma, Brant, Bruce, Carleton, Cochrane, Dufferin, Dundas, Durham, Elgin, Essex, Frontenac, Glengarry, Grenville, Grey, Haldimand, Haliburton, Halton, Hastings, Huron, Kenora, incl. Patricia, Kent, Lambton, Lanark) and multiple rows of data categorized by disease type (e.g., 57B. Uterus, CLASS III.—RHEUMATISM, CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS, CLASS V.—CHRONIC POISONING AND INTOXICATION).

TABLE 46—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES)

CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lennox and Addington	
77A. Acute alcoholism.....	10	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77B. Chronic alcoholism.....	8	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77C. Others under this title...	11	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78. Lead poisoning.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78A. Occupational.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79. Chronic poisoning by other mineral and organic substances.....	7	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79A. Occupational.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79B. Non-occupational.....	6	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS																										
Total.....	4663	9	49	71	58	237	34	23	15	43	87	164	50	23	23	100	45	5	44	85	78	11	77	87	6	.....
80. Encephalitis (non-epidemic).....	38	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
80A. Intracranial abscess.....	18	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
80B. Others under this title...	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81. Meningitis (non-meningococcal).....	58	.....	1	.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81A. Simple meningitis.....	54	.....	1	.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81B. Acute cerebrospinal meningitis.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82. Diseases of the medulla and spinal cord.....	80	.....	.....	1	2	7	.....	.....	.....	1	1	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
83. Intracranial lesions of vascular origin.....	4053	8	44	60	51	202	24	18	12	40	82	143	43	22	22	84	43	4	40	74	72	9	68	76	59	.....
83A. Cerebral haemorrhage or effusion.....	1490	4	12	15	18	76	13	2	3	16	33	41	7	8	6	42	7	.....	.....	.....	.....	.....	.....	.....	.....	.....
83B. Cerebral embolism and thrombosis.....	236	.....	1	1	2	10	2	1	.....	4	2	10	4	.....	.....	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
83C. Cerebral softening.....	12	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
83D. Hemiplegia and other paralysis of unspecified origin.....	147	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
83E. With mention of arteriosclerosis.....	2168	4	31	44	31	100	9	14	9	19	44	90	30	13	16	35	32	4	19	44	34	5	45	43	37	.....
84. Mental disorders and deficiency (general paralysis of the insane excepted).....	63	.....	2	2	2	3	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
84A. Schizophrenia (dementia praecox).....	13	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
84B. Others under this title...	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
85. Epilepsy.....	70	.....	1	.....	.....	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
86. Convulsions (under 5 years of age).....	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87. Other diseases of the nervous system.....	216	.....	1	8	2	9	3	3	1	1	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87A. Chorea.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87B. Neuritis.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87C. Paralysis agitans.....	77	.....	.....	1	2	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87D. Disseminated sclerosis.....	105	.....	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87E. Others under this title...	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
88. Diseases of organs of vision.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89. Diseases of the ear and of the mastoid process.....	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89A. Otitis and other diseases of the ear.....	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
89B. Diseases of the mastoid process.....	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																										
Total.....	13391	18	144	280	160	692	98	54	79	112	190	456	204	61	78	214	85	20	103	208	214	52	230	229	156	.....
90-95. Diseases of the heart..	12403	17	138	251	147	648	92	48	71	91	174	431	178	53	62	187	78	20	99	195	199	49	215	204	138	.....

TABLE 46—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,
CLASSIFIED BY PLACE

CAUSES OF DEATH	COUNTIES (INCLUDING CITIES)																									
	Total	Addington	Albama	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark	
90. Pericarditis (acute rheumatic excluded)	4																									
90B. Others under this title	4																									
91. Acute endocarditis (non-rheumatic)	93	2	1			4	3	1			1	7	2							1		2				1
92A. Bacterial endocarditis (acute, subacute or unspecified)	70	1	1			3	3	1			1	4	2							1		1				1
91B. Other acute or subacute endocarditis	15	1				1						2									1					
91C. Endocarditis (not specified under 45 years)	8										1															
92. Chronic affections of the valves and endocardium	1056	25	54	10		51	9	5	6	4	10	51	17	22	9	12	7		7	15	19	7	18	15		8
92A. Specified valvular diseases (rheumatic)	388	4	24			21	1	3			1	2	12	6	8	5	6			3	9	2	9	5		2
92B. Other specified valvular diseases (non-rheumatic)	411	8	15	10		19	5	1	3	2	4	21	9	7	1	5	1		3	9	6	4	5	7		3
92C. Unspecified valvular lesions and endocarditis	257	13	15			11	3	1	3	1	4	18	2	7	3	1	6		4	3	4	1	4	3		3
93. Diseases of the myocardium	6497	57	125	99		321	44	26	38	38	82	216	95	25	25	129	32	16	59	120	114	18	111	102		78
93A. Acute myocarditis	94	1	4	1		1				1	4	1		5		4	1		1	2	1		3			2
93B. Myocarditis (not specified under 45 years)	31											1	1						1	2						1
93C. Chronic myocarditis and myocardial degeneration (rheumatic)	214	1		5	3	12	1	1	1	2	3	7	3		1	4	1		1	5	4	1	1	2		
93D. Chronic myocarditis (non-rheumatic)	5038	6	39	97	73	250	36	21	24	33	65	160	79	11	19	94	26	16	42	84	91	10	90	79	52	49
93E. Other myocarditis (not specified)	1120	3	17	19	22	58	6	4	13	2	10	47	12	9	5	27	4		14	27	18	7	17	19		24
94. Diseases of the coronary arteries and angina pectoris	4337	7	50	70	31	253	31	15	23	45	74	145	60	6	24	37	39	4	33	54	58	21	72	82		49
94A. Diseases of the coronary arteries	4228	6	48	69	30	244	30	15	22	44	73	142	59	5	21	35	39	4	32	49	56	21	67	79		49
94B. Angina pectoris	109	1	2	1	1	9	1	1	1	1	1	3	1	1	3	2			1	5	2		5	3		3
95. Other diseases of the heart	416	4	1	7	19	5	1	4	4	7	12	4	4		4	9				5	8	1	14	5		2
95A. Functional diseases of the heart (no organic lesion)	48				1	2	1				2	3									4		1	1		1
95B. Other diseases of the heart (rheumatic)	97				2	3	1				1	3	1			4				1	1		3			
95C. Other diseases of the heart (non-rheumatic)	271	4	1	4	14	3	1	4	4	4	6	3	4	4	4					4	3	1	10	4		1
96. Aneurysm (heart and aorta excepted)	43					2					2	1	2							1	1		1			
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted)	766	1	5	24	12	35	4	5	7	17	13	17	22	5	14	23	6		2	12	12	1	9	23		17
98. Gangrene	26		1								1	1									1					
99. Other diseases of the arteries	80			4		4	2	1	1	2	1	3	3		1	2			1		2	1	3	1		
100. Diseases of the veins	36			1	2					1	1	1				1			1				1			1
101. Diseases of the lymphatic system	1																									
102. High blood pressure (idiopathic)	32			1		1					2					1	1						1			
103. Other diseases of the circulatory system	4														1									1		
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																										
Total	2153	4	21	28	23	79	37	5	4	25	18	65	42	19	6	32	13	1	16	44	28	16	44	29	21	
104. Diseases of the nasal fossae and accessory sinuses	22			1		2						1		1	1		1					1	1			
105. Diseases of the larynx	13											1		1		1										
106. Bronchitis	138	3	2			8	1			2	1	4	2	2		5			1	1			1	3		5
106A. Acute	33	1	2			1				2	1													3		
106B. Chronic	76	2				6	1					4	2	1		3			1				1			4
106C. Unspecified	29			1	1									1		2				1						1

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1944—Continued

OF RESIDENCE

Leeds	Lennox	Lincoln	Manitowlin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York			
																															1	90	
																															1	90B	
3	1			2		2	1		1	2			2	2	1		2	3	2	2		2	1	2		4	2	2	8	21	91		
2	1			2		2	1		1	2			2	1	1		2	1	1	1		2	1	1		2	2	1	6	16	91A		
1															1				1	1					1				1	3	91B		
																				1					1				1	1	2	91C	
12	8	12	1	38	2	10	6	21	30	32	14	4	12	11	9	11	6	27	6	37	14	17	20	8	9	19	20	25	30	204	92		
6	2	5		17	1	2	1	12	11	7	4	1	10	7	1	4	1	3	1	4	3	1	11	3	2	8	8	9	9	111	92A		
4	1	5	1	16		6	1	7	15	11		1	2	3	2	3	4	10	4	32	7	13	5	2	7	8	9	12	16	56	92B		
2	5	2		5	1	2	4	2	4	14	10	2		1	6	4	1	14	1	1	4	3	4	3		3	3	4	5	37	92C		
98	31	110	11	285	31	53	87	75	102	134	34	61	127	106	26	35	8	103	26	145	57	64	126	46	39	178	159	86	428	1646	93		
4	3	1		2		2	4		1	2		1	1	4	1		2	2	1	1	2		4	2	2	4	2	1	4	16	93A		
				1			2					2	1	1				1		1	1		4		1	1	1	2	6	93B			
2	7	1	7		1	4	2	3	3	4	4	4	7	3	1	2		1		6	2	5	3	2	1	5	3	4	14	58	93C		
82	25	65	10	232	23	33	65	58	87	95	26	39	102	72	15	21	8	64	18	115	26	53	101	30	26	134	117	62	358	1379	93D		
10	3	37		43	8	17	14	13	11	34	4	15	17	26	9	12		35	7	22	26	6	18	14	10	34	36	18	50	187	93E		
55	13	69	6	158	24	26	32	39	77	62	27	38	59	36	9	24	15	46	4	96	30	43	81	21	45	90	82	82	215	1450	94		
53	10	68	6	149	24	23	32	39	75	57	25	33	57	34	6	24	15	41	4	94	26	42	80	21	44	89	82	82	213	1441	94A		
2	3	1	9	3	3	4	7	9	5	5	2	1	9	5	9	2	1	5	1	1	4	2	1	1	1	1	1	2	2	9	94B		
2	1	6	8	23	5	4	4	7	9	5	1	1	9	5	9	2	1	1	1	13	9	2	5	2	3	12	17	7	17	109	95		
2	1	3	2		1	2		1	2		1	1	2	1	2					1		1	3		3			1	7	95A			
		3	1		2	4		2	4		2	2	1	1							1		1		4	3		7	49	95B			
	1	5	8	17	5	1	4	4	3	5		1	6	2	9	2	1	1	1	12	9		2	2	3	5	14	7	9	53	95C		
1	1	1	6	1	1			1	1	1		1		2	1							1	3		1		1	1	1	1	8	96	
9	3	20	7	40	8	5	7	9	18	13	6	6	9	14	4	14	2	9	1	19	11	4	4	4	6	26	24	18	27	134	97		
				3							1			1				1	1	2		2	2	3		3	1	1		5	98		
		2	6		1	1		2	2	1			3	2						3		1		1		3	1	1	7	14	99		
1	1	1	1	1		1		1	1	1								1								2		3	12	100			
							1																									101	
			2			2	1		1				1	2									1		1						15	102	
			1																													1	103
27	8	38	7	88	14	27	11	22	45	30	9	18	30	35	13	12	7	30	17	55	22	48	25	25	19	39	49	31	139	593			
			1							1							1							1				1	1		6	104	
																							2								3	105	
3		3		5	2	1	2	5		2		2	3	1	5	2		4	1	5	4	4	3	1	1	1		2	5	35	106		
3		3		4	2	1	1	1	3	1		1	1	1	1	1		1	1	2	2	2	3	1	1	1		1	1	9	106A		
				1			1	3	1		1	1	1	1	1	1		1	1	2	2	2	1		1	1		1	3	18	106B		
							2						2		3			2		1					1	1		1	1		81	106C	

TABLE 46—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,
CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	COUNTIES (INCLUDING CITIES)																								
		Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glenagary	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark	
107. Broncho pneumonia.....	890	1	10	10	10	34	18	3	1	9	8	18	19	3	3	14	3	1	10	22	13	3	23	8	9	
108. Lobar pneumonia.....	479	1	3	10	2	19	4	1		9	2	20	8	3	2	3	4	4	5	5	2	7	6	3	3	
109. Pneumonia (unspecified)	315	1	2	2	4	9	5		1	2	6	13	3	3	1	5	3		12	5	8	10	5	3	3	
110. Pleurisy.....	41	1		2	1	1	3					3	2	1							1					
110A. Empyema.....	29	1		1	1	2						3	2													
110B. Others under this title..	12			1		1								1							1					
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs..	121				3	2	3	1	1	2	1	3	5	3		2	1			2	4		1	4		
111A. Haemorrhagic infarction and thrombosis of the lungs.....	15				1							1		1						1						
111B. Others under this title..	106				2	2	3	1	1	2	1	2	5	2		2	1			1	4		1	4		
112. Asthma.....	78		1		2	4	1					1	2	1		2	1				3	1		3	1	
113. Pulmonary emphysema..	3			1								1														
114. Other diseases of the re- spiratory system (tuber- culosi excepted).....	53		2				2					1	1		1					2		1	1			
114A. Silicosis.....	8														1											
114C. Gangrene of lung.....	2																			1						
114D. Others under this title..	43		2				2					1	1							1		1	1			
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																										
Total.....	1785	4	24	21	19	86	31	8	7	11	18	84	28	7	10	26	11	1	15	41	21	15	39	42	13	
115. Diseases of the buccal cavity and annexa, and of the pharynx and ton- sils.....	77	1		1	1	4	1			1		5				1				1		1	1		2	
115A. Diseases of the teeth and gums.....	15					1				1		1														
115B. Septic sore throat.....	13			1												1							1		1	
115C. Diseases of the pharynx and tonsils.....	46	1			1	3	1					3								1		1			1	
115D. Others under this title..	3											1														
116. Diseases of the oesophagus	11										1					1										
117. Ulcer of the stomach or duodenum.....	295	4	2	6	13	3	1		1	2	15	5				3	3		1	4	3		12	4	2	
117A. Stomach.....	141	2	1	2	10		1			1	6	2				2	1		1	3			7	3	1	
117B. Duodenum.....	154	2	1	4	3	3			1	1	9	3				1	2			1	2		5	1	1	
118A. Other diseases of the stomach.....	21		1		1						1					1	1									
119. Diarrhoea and enteritis (under 2 years of age).....	330	1	5	3	3	15	14	1	2	2	1	22	11	3	3	5	3		1	8		4	4	7		
119A. Diarrhoea and enteritis..	330	1	5	3	3	15	14	1	2	2	1	22	11	3	3	5	3		1	8		4	4	7		
120. Diarrhoea and enteritis (2 years of age and over)	86	1	2		10	1	1			1	2					3	1		1	1	3	2	1	4		
120A. Diarrhoea and enteritis..	55				8	1	1			1	2					3	1		1		2	2		3		
120B. Ulceration of the intes- tines.....	31	1	1		2															1	1	1	1		1	
121. Appendicitis.....	185	6	2	4	4	2			2	3	7	3	3	3	2	1				2	4	4	4	6	2	
122. Hernia, intestinal obstruc- tion.....	313	1	2	4	1	9	3	5	3	3	14	4	2	4	1	1	1	3	8	4	2	10	9	2		
122A. Hernia.....	157	2	2	1	5	3	2		2	8	2	2	1	1	1		1	3	6	3	1	4	6			
122B. Intestinal obstruction..	156	1	2	4		5	1	3	1	6	2			3		3	2		3	2	1	6	3	2		
123. Other diseases of the intes- tines.....	50	1	1	1	2						2				1					1	1	1		1		
124. Cirrhosis of the liver....	148	1	3	1	13	2		1	1	3	6	1	1	1	2	1		2	5	1		3	3	2		
124A. With mention of alcohol- ism.....	4				1																					
124B. Without mention of al- coholism.....	144	1	3	1	12	2		1	1	3	6	1	1	1	2	1		2	5	1		3	3	2		
125. Other diseases of the liver	38		1		2	2														2	1				1	
125A. Acute yellow atrophy.....	15				1															1						
125B. Others under this title..	23				1															1	1				1	
126. Biliary calculi.....	101		1	1	1	6	2			1	1	5	2			1	1		3	2	2	1	2	3	1	
127. Other diseases of the gall- bladder and bile ducts..	80	1			4	1					2	3	1			1		1	5		1	2	4			
128. Diseases of the pancreas..	22	2	1								2															
129. Peritonitis without stated cause.....	28				3							1	1			1				2				1	1	

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1944—Continued

OF RESIDENCE

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Tenniskamung	Victoria	Waterloo	Welland	Wellington	Wentworth	York				
16	1	14	4	46	5	10	3	4	10	8	2	8	12	16	3	6	4	11	11	20	8	19	10	7	10	18	25	8	51	267	107			
4	2	4	8	11	2	9	4	10	15	10	6	5	9	7	5	1	1	6	5	11	6	12	6	7	5	11	6	5	45	129	108			
2	2	5	2	19	4	5	3	1	6	1	2	3	4	3	1	2	1	2	2	12	6	11	5	5	3	7	2	6	22	63	109			
				1					1		1				1			1			1		5	1			2	2	1	11	110			
									1										1				3	3			2	2	1	10	110A			
									1										1			1					2	2	1	10	110B			
	2	1		3		2	1	4	1	1		1	1	3		1				5	1	1			2	4	3	4	4	37	111			
	1			1		1		4	1			1								2		1				4	3	4	4	5	111A			
	1			2		2		1	1		1		1							2	1					4	3	4	4	3	111B			
	1	1		1				1	4		3		1	2						2						2	1	2	8	22	112			
									3		1								1							4				22	112			
									3		1															1				2	113			
1	1								3		1		1	2	1									1		4	1	3	20	114				
																										1				4	114A			
									3		1															1				1	114C			
									3		1															3				15	114D			
24	6	31	7	56	9	29	20	11	32	29	10	5	27	30	23	9	8	28	11	38	20	56	41	15	13	47	43	24	104	397				
1		1		1	2	1			1	2	3			2			1	4		1		3	1		3	3	1		7	19	115			
	1			1					1	1								1							1	2			1	3	115A			
														1					1											1	4	115B		
		1			1					1	2						1	2		1		3	1		2	1	1		5	11	115C			
				1																										1	115D			
				1							1																			3	4	116		
4	1	3	1	7	2	1	5		5	4	2	2	5	4	2	1		3	2	11	7	2	3	11	1	2	8	6	7	18	88	117		
1	1			5	1				3	3	1	3	2	1	1			1	1	1	7	2	2	5	1	3	5	3	7	38	117A			
3		3	1	2	2	5			2	1	2	1	2	2	1			2	1	4	4	1	6	1	6	1	5	1	4	11	50	117B		
				1	1			1	1	1		1		1						1						2	2	2	1		4	118		
8	1	8		6	13	8	2	1	4	4	1	3	5	11	2			8	4	3	8	38	3	4	2	4	10	2	22	31	119			
8	1	8		6	13	8	2	1	4	4	1	3	5	11	2			8	4	3	8	38	3	4	2	4	10	2	22	31	119A			
				1	1	3	1		2	3		1		3				1	1	1	1	1	1	1	1	1	1	2		3	24	120		
				1	1	2	1		2	2					3				1	1	1	1	1	1	1	1	1		1	10	120A			
1		2		8		5	1	1	5	3	2		1	5	4	2		3	2	5		2	4	1	1	7	3	3	2	14	120B			
				1																										7	40	121		
4	1	6	2	14	1	4	2	3	7	5	1	1	3	5	2	3	4	5	1	9	2	8	10	4	1	7	9	5	15	71	122			
2	1	2		5	1	1	2	3	5		1	1	2	3	1	1	2	3	1	4	2	4	7	2		5	5	2	5	36	122A			
2		4	2	9		3	1	1	1	1	1	1	1	2	1	2	2	2	1	5	2	4	3	2	1	2	4	3	10	35	122B			
1				1	1			1	1	1		1	1		1	1				1	2	1				3			6	13	123			
3	1	2	1	5	1			1	1	2			1	1	2	1	2	1	1	1	1	1	3		1	2	2	4	11	43	124			
									1																						2	124A		
3	1	2	1	5	1		1	1	1	1			1	1	2	1	2	1	1	1	1	1		3	1	2	2	4	11	41	124B			
							1	1	2	1			3										1	2			1			1	13	125		
							1	1	2															1							7	125A		
		2							1		1		3										1	1						6	125B			
2		3		3		1		3	1	1			2	4					1	1	2	3	6	1	2	4	3	1	5	16	126			
	1	4	1	4			1		2	2			3	2				1		2	1		1		2	4	4		4	15	127			
									2	1				2											1	2	4	2		3	128			
	1			1				1	1										1							1				13	129			

TABLE 46—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES, CLASSIFIED BY PLACE

Table with columns for CAUSES OF DEATH and counties: Total, Addington, Algoma, Brant, Bruce, Carleton, Cochrane, Dufferin, Dundas, Durham, Elgin, Essex, Frontenac, Glengarry, Grenville, Grey, Haldimand, Haliburton, Halton, Hastings, Huron, Kenora, incl. Patricia, Kent, Lambton, Lanark. Rows include CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEMS and CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE.

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1944—Continued

OF RESIDENCE

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York		
37	7	47	6	115	8	26	21	26	37	40	26	14	40	37	35	19	9	42	29	65	46	42	41	17	16	67	71	45	117	444		
2	1	...	...	1	3	...	...	1	...	1	...	...	...	1	...	...	4	...	...	...	...	1	...	1	...	1	...	1	...	7	130
31	4	39	4	94	7	17	16	17	27	25	21	11	27	21	29	17	8	29	26	52	38	30	29	10	11	54	50	27	78	264	131	
...	...	1	...	2	2	1	2	1	5	...	2	2	3	4	4	...	1	...	2	2	1	...	1	2	...	2	3	5	3	21	132	
1	1	2	...	1	2	...	...	1	...	2	1	...	...	2	...	1	...	2	1	2	...	1	...	...	3	3	3	1	5	25	133
...	6	1	...	...	1	...	1	1	...	2	1	...	...	...	...	2	...	...	5	3	...	...	...	1	...	2	12	134	
...	1	1	2	...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	2	...	5	9	135	
...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	6	136	
...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	4	136A	
3	1	4	1	9	1	1	2	4	4	3	4	1	7	6	2	1	...	7	...	3	4	4	1	2	3	2	7	10	10	18	82	137
...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2	138	
...	...	1	1	1	...	...	2	...	2	1	...	...	1	1	...	...	...	...	...	2	1	2	2	1	...	...	2	1	5	16	139
...	...	1	1	1	...	...	2	...	1	1	...	...	1	1	...	...	...	...	...	2	1	1	1	1	...	...	...	...	3	8	139A
...	1	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...	...	2	8	139B	
...	1	1	8	139C
...	...	2	1	6	3	3	2	2	...	1	3	4	1	4	1	1	1	5	...	4	1	8	4	1	2	8	6	3	13	39		
...	3	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	...	...	1	1	...	1	12	140		
...	2	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	5	140A	
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	5	140B	
...	1	...	...	...	...	...	1	...	...	...	2	140C	
...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	1	141	
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	141A	
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	141B	
...	1	...	...	...	141C	
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	1	142
...	142A
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	1	142B
...	1	...	...	143	
...	1	...	...	...	143A	
...	143C	
...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	...	1	1	1	...	...	1	1	144	
...	1	...	1	2	145
...	1	...	...	...	...	...	...	...	1	...	1	2	3	...	...	1	1	...	1	4	146	
...	1	...	...	...	...	...	...	...	...	...	1	1	1	...	...	1	1	...	...	...	146A	
...	1	1	2	...	...	...	...	...	...	1	146B	
...	...	1	...	...	...	...	1	1	1	...	...	...	1	1	3	1	1	...	1	...	1	1	...	...	...	1	1	1	4	7	147
...	1	1	1	1	1	1	2	4	148
...	1	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	2	2	148A	

TABLE 46—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,
CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	COUNTIES																							
		Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton	Lanark
148B. Puerperal albuminuria and nephritis.....	3					1																			
148D. Others under this title..	3																			1			1		
149. Other accidents of child-birth.....	21			1	3	2	1							1		1									
149A. Laceration, rupture or other trauma of pelvic organs and tissues.....	2					1																			
149B. Other conditions of child-birth.....	19			1	2	2	1							1		1									
150. Other and unspecified conditions of childbirth and the puerperal state.....	17					1						2												1	
150B. psychosis of the puerperal state.....	1																								
150C. Others under this title..	16					1						2												1	
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																									
Total	50					5	1			2	1									1				2	
151. Carbuncle and furuncle..	3																								
152. Phlegmon and acute abscesses.....	20					2				1										1				2	
153. Other diseases of the skin and cellular tissue.....	27					3	1			1	1														
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT																									
Total	41					4	1		1	4	1	3		1		1				2			1		
154. Osteomyelitis and Periostitis.....	15					2				4		1									2				
155. Other diseases of the bones (tuberculosis excepted)..	8					1	1		1		1														
156. Diseases of the joints and other organs of movement.....	18					1					1	1		1		1			1					1	
156A. Diseases of the joints (tuberculosis and rheumatism excepted).....	5					1						1	1		1				1					1	
156B. Others under this title..	13										1	1		1		1			1						
CLASS XIV.—CONGENITAL MALFORMATIONS																									
Total	611	1	7	7	9	33	18	3	3	6	7	35	15	2	3	9	2	5	19	11	4	13	8	5	
157. Congenital malformations	611	1	7	7	9	33	18	3	3	6	7	35	15	2	3	9	2	5	19	11	4	13	8	5	
157A. Congenital hydrocephalus.....	115	1		3	1	9	4				3	5	1	1	1	2			1	5	2	2	3		
157B. Spina bifida and meningocele.....	141		2	2	3	7	6	1	1	2		5	5		2				1	3	3		3	3	2
157C. Anencephalus.....	21					1					3								1				1	1	
157D. Congenital malformations of the heart.....	192		3	1	3	7	6	2		3	2	11	6	1	1	5	1		1	4	2	1	6	2	1
157E. Others under this title..	142		2	1	2	10	1	2	1	2	11	3	1	1	1	1			2	6	4	1	1	2	1
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE																									
Total	1715	2	30	25	12	107	45	4	6	9	21	76	24	10	8	25	9	3	12	30	19	11	23	33	13
158. Congenital debility.....	81		4	1	2	1	2		1	1	1	1	2		1				1	1	1		1	1	1

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1944—Continued

OF RESIDENCE

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York
			1	1								1						1							3				1	1 148B 1 148D 4 149
			1	1								1						1								3			1	149A 4 149B
				1	1					1 1	1 1	1					1			1		2							1	3 150
				1		1				1 1	1 1	1					1			1		2							1	150B 3 150C
1		1				1		1	5			2		1 1					1			1				1	2	1	19	
		1						1																			1			151
						1		1	1			1		1 1					1										1	6 152
1								3				1										1				1	1		13	153
1		1		1			1												1	2		1				1	1	1	1	11
			1																									1		4 154
				1															1	1						1				155
1							1													1		1							1	7 156
1							1													1		1							1	1 156A 6 156B
3 1 11 2 26 10 12 3 5 11 7 4 2 10 12 6 1 4 12 1 22 12 16 9 9 1 11 13 12 22 116	3 1 11 2 26 10 12 3 5 11 7 4 2 10 12 6 1 4 12 1 22 12 16 9 9 1 11 13 12 22 116	1 2 1 7 2 1 1 1 1 1 1 3 4 4 1 2 2 3 1 2 1 2 1 3 4 1 1 1 6 24	1 4 4 1 2 3 1 1 1 1 1 2 2 1 4 2 2 5 3 4 1 2 2 3 1 6 28	1 1 3 1 8 5 3 1 3 4 2 1 2 1 1 1 1 1 5 9 6 6 3 1 1 6 3 5 5 37	2 5 2 6 3 2 2 2 2 2 2 2 2 2 2 2 2 2 3 5 1 3 2 4 4 7 5 5 24	16 7 27 3 57 13 36 10 11 30 18 18 18 15 22 29 6 12 43 23 52 29 77 33 38 8 35 53 22 86 311	1 3 2 1 2 2 2 1 2 8 6 4 4 1 7 4 1 1 1 1 1 2 4 1 2 4 1 2 4 4 158																							

TABLE 46—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,
CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
159. Premature birth.....	1079	2	20	11	7	68	37	3	5	5	16	45	17	9	5	12	6	2	9	22	11	7	14	22	9
160. Injury at birth.....	324	2	2	10	2	26	3	3	5	2	2	20	2	2	2	10	3	1	2	4	4	4	2	5	6
160A. Intracranial or spinal haemorrhage.....	154	2	8	1	12	1	1	1	1	1	12	1	1	1	1	4	1	1	2	2	2	2	1	4	1
160B. Other intracranial or spinal injuries.....	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
160C. Others under this title..	153	1	2	1	14	2	2	2	2	1	8	1	1	1	1	5	2	1	2	2	2	2	1	4	2
161. Other diseases peculiar to the first year of life....	231	4	3	1	12	3	1	1	2	2	10	3	1	2	3	3	1	1	3	3	3	3	2	3	4
161A. Asphyxia (unspecified), atelectasis.....	110	1	2	1	8	1	1	1	1	1	3	3	1	1	3	1	1	1	1	1	1	1	1	1	1
161B. Infection of the umbili- cus, pempigus and other infections.....	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
161C. Other specified diseases peculiar to the first year of life.....	99	2	1	1	3	2	2	2	2	2	6	1	1	1	1	1	1	1	1	3	1	1	3	2	1
CLASS XVI.—SENILITY Total.....	393	2	1	11	8	15	2	7	3	3	14	13	4	5	5	16	4	4	4	9	18	5	8	4	3
162. Senility.....	393	2	1	11	8	15	2	7	3	3	14	13	4	5	5	16	4	4	4	9	18	5	8	4	3
162A. With dementia.....	33	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
162B. Without dementia.....	360	2	1	11	6	13	2	4	2	3	14	13	4	5	5	16	3	4	4	9	18	5	7	4	2
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS Total.....	2890	2	52	44	50	135	71	14	12	22	69	123	54	11	8	51	24	8	15	38	44	24	61	39	17
163-164. Suicides.....	318	2	2	2	13	5	1	3	8	12	4	1	1	1	6	4	1	1	1	3	2	6	3	2	1
163. Suicide by poisoning....	72	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
163A. By corrosive substances, solid and liquid poison- ings.....	34	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
163B. By poisonous gas.....	38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
164. Suicide by other means... 164A. By hanging or strangu- lation.....	246	2	2	11	4	1	3	8	12	3	1	5	4	1	1	1	1	1	1	1	3	2	5	2	2
164B. By drowning.....	78	1	1	3	2	1	1	3	4	1	3	1	3	1	1	1	1	1	1	1	1	1	2	1	1
164C. By firearms or explo- sives.....	50	1	1	4	1	1	1	1	3	1	3	1	1	1	1	1	1	1	1	1	1	1	2	1	1
164D. By cutting or piercing instruments.....	71	1	1	4	1	1	1	1	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
164E. By jumping from high places.....	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
164F. By crushing.....	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
164G. By other or unspecified means.....	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
166-168. Homicides.....	41	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
166. Homicide by firearms...	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
167. Homicide by cutting or piercing instruments...	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
168. Homicide by other or un- specified means.....	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
169-195. Accidental deaths...	2530	2	50	41	48	121	65	14	11	18	60	108	50	10	8	45	20	8	14	37	41	20	53	36	15
169. Railway accidents (ex- cluding motor vehicles)	93	10	1	1	2	4	1	1	7	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	1
170. Motor vehicle accidents..	530	2	11	7	22	12	3	1	1	6	39	10	4	1	5	4	4	2	4	4	4	17	8	1	1
170A. Collisions with trains...	52	1	1	5	4	1	1	1	1	4	2	1	1	1	1	1	1	1	1	1	1	4	4	1	1
170B. Collisions with street- cars.....	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
170C. Automobile accidents (excluding trains or street-cars).....	456	2	10	6	16	7	3	1	1	5	35	10	2	5	3	4	2	4	4	4	4	13	7	1	1
170D. Motorcycle accidents (excluding automobiles)	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
171. Street-car and other road transport accidents....	45	1	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
171A. Street-car accidents (ex- cluding trains and motor vehicles).....	27	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
171B. Others under this title..	18	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
172. Water transport accidents	78	2	1	4	8	1	1	1	1	4	2	2	1	1	1	1	1	1	1	1	1	7	2	1	1

TABLE 46—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,
CLASSIFIED BY PLACE

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
CLASS XVIII—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH																									
Total.....	78				1	6	5			2	1	1					2				2	1	10		1
199. Sudden death.....	11																								
200. Ill-defined and unknown causes.....	67				1	6	5			2	1	1					2				2	1	10		1
200A. Ill-defined.....	25					3	1					1									1		1		1
200B. Found dead.....	4				1												1					1			
200C. Unknown or unspecified cause.....	38					3	4			2	1						1				1		9		

CLASSIFICATION OF ACCIDENTAL DEATHS ACCORD

These accidental deaths are classified above according to circumstances involving the

Accidental absorption of poisonous gas.....	79		5				2																			
Accidental burns.....	172		3	2	5	2	2	1	1	2	1	4	10	1	1		6	1						2	2	1
Accidental mechanical suffocation.....	41					1	2				1	2	1													
Accidental drowning.....	332		10	3	3	26	15	1	2		8	16	9			5	4				10	1	12	3	3	6
Accidental injury by cutting or piercing instruments.....	22				1							2		1			1				1	2		2		1
Accidental injury by fall.....	765	1	14	14	25	35	3	4	6	7	20	23	10	2	6	23	1	3	4	9	20		17	16	2	
Accidental injury by crushing.....	868	1	12	17	8	41	31	7	1	4	21	41	15	5	2	6	9	4	3	11	10	5	22	11	3	
Accidents due to electric currents.....	18					1				1		2	2													

TABLE 47—DEATHS FROM CERTAIN CAUSES IN TOWNS AND VILLAGES OF 1,000 POPULATION AND UNDER 5,000, ONTARIO, 1944.

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

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1944
OF RESIDENCE

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
1	3	2	...	2	...	1	...	1	...	...	...	1	...	4	...	...	1	1	3	1	1	1	4	2	2	1	14		
1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1	...	...	4	199	
...	2	1	...	2	...	1	...	1	1	...	4	1	...	2	2	1	1	1	3	1	2	1	10	200
...	1	...	...	1	...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	2	...	1	...	2	...	...	5	200A	
...	1	1	...	1	...	...	...	1	...	...	...	1	...	2	...	...	...	1	...	...	1	...	1	1	...	1	5	200c	

ING TO THE NATURE OF INJURY

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

1	...	...	3	...	...	...	1	1	...	1	1	...	...	...	1	1	...	...	2	...	...	...	5	...	1	4	...	5	16
...	...	3	2	6	...	1	7	1	3	1	1	2	4	1	3	1	2	...	9	...	6	10	6	...	...	5	1	17	25
1	7	1	6	...	15	3	6	3	1	2	2	3	4	2	2	3	4	7	6	5	...	2	1	1	...	5	2	2	9
...	...	...	...	...	...	2	...	...	1	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	3
10	4	17	1	26	3	5	9	4	18	18	1	10	20	14	4	9	13	3	26	12	3	8	2	7	22	14	20	29	168
4	3	16	1	24	10	8	5	2	11	13	5	13	12	16	5	9	13	6	22	5	19	25	23	6	16	27	14	47	193
...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	1	...	...	...	1	...	1	1	...	1	1	3

DEPARTMENT OF HEALTH

Twentieth Annual Report

OF THE

Department of Health

ONTARIO, CANADA

FOR THE YEAR

1944

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 14, 1945



ONTARIO

TORONTO

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

1945

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

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Twentieth Annual Report of the Department of Health, for the year 1944.

Respectfully submitted,

R. P. VIVIAN, M.D.,
Minister of Health.

TO THE HONOURABLE R. PERCY VIVIAN, M.D.,
Minister of Health.

SIR,—I have the honour to submit for your approval the Twentieth Report of the Department of Health, made in conformity with and under the provisions of The Public Health Act, for the year 1944.

I have the honour to be, Sir,

Your obedient servant,

J. T. PHAIR,
Acting Deputy Minister of Health.

CONTENTS

	PAGE
PUBLIC HEALTH ADMINISTRATION.....	10
REPORT OF THE SOLICITOR.....	12
DIVISION OF DENTAL SERVICES.....	13
DIVISION OF EPIDEMIOLOGY.....	15
DIVISION OF INDUSTRIAL HYGIENE.....	36
REPORT OF CHIEF SANITARY INSPECTOR.....	43
DIVISION OF LABORATORIES.....	48
REPORT OF BRANCH LABORATORIES.....	70
REPORT OF THE LIBRARIAN.....	75
DIVISION OF MATERNAL AND CHILD HYGIENE.....	77
DIVISION OF MEDICAL STATISTICS.....	79
DIVISION OF NURSE REGISTRATION.....	88
DIVISION OF PSYCHIATRIC RESEARCH.....	91
DIVISION OF PUBLIC HEALTH NURSING.....	93
DIVISION OF SANITARY ENGINEERING.....	96
DIVISION OF TUBERCULOSIS PREVENTION.....	104
DIVISION OF VENEREAL DISEASE CONTROL.....	156

DEPARTMENT OF HEALTH

Minister

HONOURABLE R. P. VIVIAN, M.D.

Deputy Minister

B. T. MCGHIE, M.D., L.L.D.

John T. Phair, M.B., D.P.H. Chief Medical Officer
K. G. Gray, K.C., M.D. Solicitor and Assistant to the Deputy Minister

Dental Services

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

Epidemiological Services

H. A. Ansley, M.B., D.P.H., on Active Service Epidemiologist
R. P. Hardman, M.D., D.P.H. Epidemiologist

Industrial Hygiene

J. G. Cunningham, B.A., M.B., D.P.H. Director
A. R. Riddell, B.A., M.B., D.P.H. Clinical Specialist
F. M. R. Bulmer, M.B., B.Sc. Research Specialist
W. H. Cruickshank, M.D., D.P.H., on Active Service Clinical Specialist
C. H. Wilson, M.D., D.P.H. Clinician
G. M. Parker, M.D., on Active Service Clinician
John R. Card, M.D., D.P.H. Clinician
S. P. Sweet, M.D. Clinician
H. E. Rothwell, B.A.Sc., F.C.I.C. Chemist
J. H. Johnston, B.A. Chemist
C. M. Jephcott, M.A., Ph.D., F.C.I.C., A.I.V. Chemist
L. B. Leppard, M.A., Ph.D., on Active Service Physicist
R. G. Elson, M.A. Engineering-Physicist
D. S. McKee, C.S.I. (C) Chief Sanitary Inspector
J. Richardson, Sanitary Inspector North Bay
Hugh McIntyre, A.R. San. I., Sanitary Inspector Kirkland Lake
G. H. Powell, C.S.I. (C.), Sanitary Inspector, on Active Service Fort William
Hugh MacDonald, C.S.I., (C.), Sanitary Inspector Kenora
Nelson Laxton, C.S.I., (C.), Sanitary Inspector Sudbury
O. S. Fyfe, C.S.I. (C) Sanitary Inspector
S. Harris, C.S.I., (C.), Sanitary Inspector on Active Service
A. S. O'Hara, M.R. San. I., C.S.I. (C.), Sanitary Inspector on Active Service
W. L. Smith, Sanitary Inspector on Active Service
D. E. Moore, C.S.I., (C.), Sanitary Inspector on Active Service

Laboratories

Andrew L. MacNabb, B.V.Sc. Director
W. B. McClure, M.B., D.P.H. Senior Bacteriologist
M. C. Dinberg, M.D. Pathologist
A. R. Bonham, B.A.Sc., F.C.I.C., Phm.B. Provincial Analyst
J. E. Fasken, B.A.Sc. Assistant Analyst
J. W. Bell, M.B. Bacteriologist
V. Crossley, B.A. (Miss) Assistant Bacteriologist

Branch Laboratories

A. E. Allin, M.D., D.P.H., Director.....	Fort William
James Miller, M.D., F.R.C.S. (Edin.), Director, Richardson Laboratory.....	Kingston
J. H. Orr, M.D., Director.....	Government Building, Kingston
A. J. Slack, Ph.C., M.D., D.P.H., Director.....	London
A. B. Lamb, B.Sc. Acting Director.....	North Bay
E. L. Barton, M.D., Director.....	Ottawa
C. B. Waite, M.D., Director.....	Peterborough
G. MacPherson, M.A., Chemist.....	St. Mary's Hospital, Timmins

Subsidized Laboratories

J. B. McKay, M.D., Director.....	Belleville
Lorne Whitaker, M.D., Director.....	St. Catharines

Library

Fredrita Henley Wright.....	Librarian
-----------------------------	-----------

Maternal and Child Hygiene

John T. Phair, M.B., D.P.H.....	Director
Elizabeth L. Kiteley, M.B.....	Medical Inspection Officer

Medical Statistics

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

Nurse Registration

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

Public Health Nursing

Edna L. Moore, Reg. N.....	Director
Margaret Wright, Reg. N.....	Assistant to the Director
Alice G. Nicolle, Reg. N., B.S.....	Educational Supervisor
N. Edna Howey, Reg. N.....	General Supervisor
Hilda G. Pennock, Reg. N.....	General Supervisor
Edna M. Squires, Reg. N.....	General Supervisor
B. E. Johnson, Reg. N.....	General Supervisor
Isabel Black, Reg. N.....	General Supervisor

Psychiatric Research

L. S. Penrose, M.A., M.D.....	Director
-------------------------------	----------

Sanitary Engineering

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

Tuberculosis Prevention

G. C. Brink, M.B.	Director
K. M. Shorey, M.D.	Assistant to Director
J. S. Hazen, M.B., on Active Service	Clinical Specialist
J. F. Milner, M.D., on Active Service	Clinical Specialist
A. Forsberg, M.D., on Active Service	Clinical Specialist
S. A. Holling, B.A., M.D.	Clinical Specialist
C. R. Messecar, M.D.	Clinical Specialist
L. C. Fallis, M.B.	Clinical Specialist
J. D. McLennan, M.D.	Clinical Specialist North-Western Ontario Clinic, Fort William
G. G. Brearley, M.D.	Mid-Eastern Ontario Clinic, Belleville
D. McCallum, M.B.	Eastern Ontario Clinic, Ottawa
G. B. Lane, M.D.	Northern Ontario Clinic, Timmins Mid-Northern Ontario Clinic, North Bay
E. J. O'Brien	Liaison Officer—Mass Surveys and Post-Sanatorium Care
W. Belshaw, on Active Service	Accountant
D. Wise	Accountant

Venereal Disease Control

Major J. A. Leroux, R.C.A.M.C.	Director
W. Gordon Brown, M.D., D.P.H.	Assistant Director
A. H. Thomson, M.D., D.P.H.	Medical Epidemiologist
Pearl Stiver, P.H.N.	Supervisor of Epidemiological Nurses

Honorary Consultants

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

ANNUAL REPORT

of the

Department of Health

For the Calendar Year Ending December 31st, 1944

PUBLIC HEALTH ADMINISTRATION

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

Any continued concern as to the willingness of urban and rural municipalities to spend tax-collected funds on behalf of public health would appear to be unwarranted. While in some communities there are, unquestionably, members of municipal governments who view such public spending with alarm, the ready acceptance of the principle of the need for better community health service by those municipal and county authorities before whom the plans of the Department have been laid would appear to dissipate any misgivings as to the practicability of a province-wide extension of the unit method of local health administration. No attempt has been made to capitalize on this apparent latent interest beyond the presentation of the programme to some eight representative county councils in order that helpful criticism of its general applicability might be received. In the main, no criticism was encountered—merely queries as to when such a programme could be implemented. Lack of trained personnel precludes any serious promotion of the project until the cessation of hostilities in Europe. Despite the absence of any promotional effort, two new units came into actual being and in two other areas the establishment of such units awaits only the required staff. Public interest in a better community health programme is not limited to smaller centres. Larger municipalities with existing full-time services are seeking advice and direction in the matter of justifiable expansion into fields of public health effort the significance of which lacked pre-war appreciation. To meet these demands a Division of Public Health Administration has been set up and toward the end of the year it was possible to secure the services of staff to man this new branch.

The trend of expanding interest by county authorities in the field of public health and social welfare can be exemplified by the acceptance by an additional half-dozen counties of the plan for school health supervision on a county basis.

The Department has attempted to meet the urgent need for qualified staff by the granting of fellowships to selected physicians, dentists and veterinarians. In the matter of nursing staff, arrangements were made with the Schools of Nursing of the Universities of Toronto and Western Ontario for the training of some fifty additional public health nurses who were recruited by the Department. These nurses on the completion of their academic training will become members of a pool maintained by the Department, and when they have had enough in the way of field experience will become available for the many counties, towns and cities now seeking the services of qualified nursing staff.

Again I am compelled to report with regret the passing of a significant number of local medical officers of health.

Dr. R. Hacking
Dr. G. W. Robinson
Dr. T. H. McColl

Dr. C. H. Bird
Dr. A. E. Ranney
Dr. A. F. Reynar

Dr. B. N. Macaulay
Dr. F. R. Sargent

The following retired from office during the year:

Dr. R. O. Frost	Dr. A. Desrosiers	Dr. W. J. Leach
Dr. W. H. B. Munn	Dr. S. C. Skipper	Dr. B. A. Hodgins
Dr. H. A. Vokos	Dr. C. R. Richmond	Dr. O. R. Bartlett
Dr. C. McPherson	Dr. G. D. McLean	Dr. R. H. Judge
Dr. W. S. Johns	Dr. J. Pigeon	Dr. W. G. Brown
Dr. W. K. Colbeck	Dr. A. F. Thaler	Dr. J. E. Charlesworth
	Dr. E. Durocher	

During the year the following health officer enlisted in the Armed Forces:
Dr. Marjorie Mosbaugh

REPORT OF THE SOLICITOR

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

The following legislation was passed by the Legislative Assembly in the 1944 Session:

New legislation:—

The Chiropody Act.

The Municipal Health Services Act.

The following Acts were amended:

The Medical Act.

The Nurses' Registration Act.

The Optometry Act.

DIVISION OF DENTAL SERVICES

H. J. HODGINS, D.D.S., *Director*

Dental public health activities have continued to make progress during the past year, especially in rural areas. Municipalities added to the list of those already receiving the grant are as follows: Brockville, Southampton, Walford Station; and the Townships of Melancthon, Winchester, Culross, Osprey, Tyendinaga, Kincardine, McNab, Sydenham, Tecumseh, Nassageweya, Gould, Sullivan, Normanby, Keppel and Greenock. Definitely, a larger number of clinics could have been established if dentists had been available to carry on treatment.

The number of requests for information regarding school dental service shows the interest that has been taken by the public in dental public health. As in former years, Farm Federation, Farm Forums and Women's Institutes have been active in stimulating interest in health problems in their communities. At numerous meetings the Director has shown films and given talks. The usual assistance was given in these by the Canadian Dental Hygiene Council and the Public Dental Health Committee of the Ontario Dental Association.

Our educational booklets "Mouth Hygiene" and "Treasure House" have been distributed, and Mouth Inspection Charts supplied to dentists making a survey of the mouth health of the children.

When requested, the Director attended meetings of School Boards and Local Boards of Health to advise on the establishment of school dental services. Committee meetings of the Red Cross Society were also attended.

The Director attended meetings of the Northern Ontario Dental Association at North Bay; the Eastern Ontario Dental Association at Ottawa; the Grey-Dufferin Dental Society at Owen Sound; as well as the Ontario Dental Association Convention and the Convention of the Canadian Public Health Association.

During the year increased interest has been taken in the investigation into the effects on teeth of fluorine in drinking water. This investigation was started last year in co-operation with the Research Department, Faculty of Dentistry, University of Toronto, under Dr. Harold K. Box. Since a year ago new areas have been discovered where the water supply contains this element. The teeth of the children in these sections are being surveyed, as time will permit. Further, in relation to this, the addition of fluorine to the drinking water is being considered by the Brantford Department of Health, and considerable time has been spent by the Dental Director in consultation with the Brantford Board of Health, Public Utilities Commission and the Dental Society. It is hoped that the addition of fluorine to the water will materially lower the incidence of dental caries in that city.

The dental car continues on the Canadian Pacific Railway lines between the Manitoba boundary and Cartier. Approximately thirteen hundred children were looked after, from several of the larger towns as well as rural areas.

The usual regular inspection of the dental clinic in the Ontario Hospitals was made. While there is a shortage of dental staff, the routine examination and treatment of patients is being looked after in a fairly satisfactory manner. The staff dentists deserve credit for the manner in which they are carrying on the

extra work. Supervision was given at the Central Dental Laboratory at the Queen Street Hospital. Work from all the other Ontario Hospitals is sent in here, as well as from the Ontario Reformatories. During the year there were 190 dentures and 350 repairs made.

Relief recipients may still obtain emergency extractions and repairs to dentures. The number taking advantage of this service is very small at the present time.

DIVISION OF EPIDEMIOLOGY

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

The general trend in communicable diseases has again continued low during 1944. In fact, there has been a reduction of over 38,000 communicable diseases—roughly about 30% lower than for the corresponding period of 1943. This reduction is due to a lower incidence in the following diseases: Cerebro-Spinal Meningitis, Measles, German Measles, Mumps, Venereal Diseases, Tuberculosis, Paratyphoid Fever, Undulant Fever and Whooping Cough. No cases of Smallpox were reported during the year. A slight increase was noted, however, in the incidence of the streptococcal diseases, Scarlet Fever and Erysipelas, as well as in Diphtheria, Poliomyelitis and Typhoid Fever.

The outbreak of Diphtheria in the organized Sudbury area accounted for 42% of the total number of cases (182) reported for the year. The morbidity rate for Diphtheria of 4 per 100,000, however, is the same as in 1942. During 1943, only 75 cases of Diphtheria were reported. The morbidity rate was 1.9, the lowest ever experienced by any province in Canada.

During the past year, 332 cases of Poliomyelitis were reported. The upward trend of this disease occurred, as expected, in the septennial cycle, as has been the experience in Ontario since 1916. 90% of the 332 cases were hospitalized. Since the 1937 outbreak, the incidence of Poliomyelitis in the Province of Ontario has been exceptionally low. During the coming year, the incidence may remain high.

An increase was noted also in Scarlet Fever and Erysipelas over the number of cases reported for the corresponding period of 1943. The mortality rate of Scarlet Fever has shown a marked reduction during the past years, and is now comparable with that of Measles—less than 1 per 100,000. The control of Scarlet Fever has become a most perplexing problem, due to the fact that the attenuation of the disease makes the detection rather impossible, and only the erythrogenic susceptibles are discovered. In many instances, the cases are so mild that a physician is not called, or only when secondary cases appear in the family.

There was an increase of 18 cases of Typhoid Fever during 1944. The total number reported for the year was 78. While the morbidity rate still remains under 2 per 100,000, as in the previous year, the mortality rate has not increased. The mortality rate of Typhoid Fever has been less than 1 per 100,000 during the past five years. There were no large outbreaks, and many cases were traced to carriers. A small outbreak, due to partaking of imported cheese, was investigated. Another small outbreak was discovered to be caused through contamination of a rural water supply (well) by a carrier. Seven carriers were found during the year, as a result of the investigation of individual cases, and several cases were investigated where the source was determined to be other than in Ontario.

The continued presence of rabies amongst animals in Essex County is still regarded with apprehension. While only one human case developed during the past year, a total of 143 persons received the anti-rabies vaccine during this period.

Assistance was given, as requested, to the medical officers of health, the Armed Forces and to war industries, in the diagnosis and control of communicable

able diseases, such as Scarlet Fever, Diphtheria, suspected Smallpox and Food Poisoning. With reference to Food Poisoning, it might be well to give some thought towards standardization of sanitary regulations for all municipalities in Ontario, applicable to all places where food and drink is prepared or sold.

TABLE 1
CEREBRO-SPINAL MENINGITIS

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1940	145	29	3.0	.7	18.6
1941	501	29	13.2	1.9	14.0
1942	276	71	7.2	.8	10.9
1943	185	32	4.8	.8	17.2
1944	162	24	4.0	.6	14.8

The incidence of Cerebro-Spinal Meningitis continued low during the past year. Cases were reported from 15 of the 49 counties and districts. There was a further decrease in both the morbidity and mortality rates. There was also a decrease in the case fatality rate during the past year.

A survey was recently made of Cerebro-Spinal Meningitis cases reported in the Province. The survey was made possible by the return of data sheets forwarded to all physicians treating the cases. It was found that the treatment of this disease by anti-meningococcus serum has been almost discarded, because of the superior results obtained by chemotherapy. Less than 2% of the physicians administered anti-meningococcus serum combined with chemotherapy; and in only 12 instances was the serum administered as the only therapeutic agent. Consequently, this biological product is being discontinued. In the few cases of sulpha-resistant organisms, penicillin might be released for treatment.

TABLE 2
DIPHTHERIA

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1940	78	12	2.0	.3	13.3
1941	200	13	5.3	.3	6.3
1942	143	15	4.0	.4	10.5
1943	75	6	1.9	.1	8.0
1944	185	11	4.5	.2	6.5

In 1943, the Province of Ontario, with 32.9% of the population of Canada, had the lowest morbidity rate of any Province in Canada. The morbidity rate was 1.9 per 100,000. Morbidity rates for the eight other provinces ranged from 143 per 100,000 to 4 per 100,000; Saskatchewan, Alberta and British Columbia having rates of 5, 5 and 4 per 100,000.

In 1944, an increase in the number of cases of Diphtheria reported was noted in Prince Edward Island, Quebec, Ontario, Saskatchewan and Alberta. The morbidity rate in Ontario for this year was 4 per 100,000—the lowest rate in any of the provinces, except British Columbia, with a rate of 3. Alberta was the

only other province with a rate of less than 10 per 100,000, the remaining provinces ranging from 11 to 63 per 100,000.

One hundred and eighty-two cases of Diphtheria were reported in Ontario during 1943. Of this number, 42% were reported from the organized areas in the District of Sudbury. Only 2 cases occurred in unorganized territory. This family, it was stated, refused to have their children immunized against Diphtheria, when free immunization was given to all children in unorganized territory in 1942, by the Department of Health. Several other small outbreaks of Diphtheria occurred during 1943, one amongst a group of Treaty Indians in the northern part of the Province.

Twenty of the 49 counties and districts again remained free of Diphtheria this year. In the southern part of the Province, the disease appeared in areas where immunization against Diphtheria was thought to have been adequate. Administration of Diphtheria Toxoid was again provided free in some of the schools in unorganized territory. These schools were located in the Sudbury area, and the parents and teachers were apprehensive about those in the area (newcomers and pre-school children born since 1942). In one unorganized municipality where previous protection had been given, only one case of Diphtheria developed. This case occurred in a family where Diphtheria Toxoid had been refused in 1938 and 1942.

Diphtheria is still present in Canada, as indicated by the high morbidity rates in other provinces. In many instances, cases have been traced to sources outside this province. Due to the small chance of natural immunization in Ontario, low morbidity rates of this disease can only be maintained by the constant vigilance of medical officers of health in the administration of Diphtheria Toxoid.

TABLE 3
TYPHOID FEVER

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1940	159	26	3.5	.6	16.2
1941	133	15	2.8	.4	11.0
1942	109	8	1.5	.2	7.3
1943	60	9	1.0	.2	15.0
1944	78	7	1.9	.1	8.0

During 1944, 78 cases of Typhoid Fever and seven deaths occurred in the Province of Ontario. While there was a slight increase in the morbidity rate, the mortality rate was considerably lower than that of 1943. An increase of 18 cases occurred.

One small outbreak developed through the partaking of infected imported cheese. This cheese had caused quite a severe outbreak in a neighbouring province, and a shipment had been made to the Province of Ontario. Part of a shipment of cheese had been distributed to various grocers, and a small portion of it had been sold before the outbreak was attributed to cheese, and the province notified. Another small outbreak occurred, which was traced to a carrier, who had infected a small rural water supply. Several cases amongst persons residing in Ontario developed shortly after their return from visits made outside the Province.

Seven Typhoid carriers were discovered during 1944, as a result of the investigations made following the cases.

There was a reduction of 16 cases in the number of Paratyphoid cases reported during the year, as compared with 1943.

Many investigations were carried out again during the past year into outbreaks of Food Poisoning. Outbreaks caused by staphylococcus toxin were the most common. Bacteriological examination of specimens showed that toxin-producing staphylococcus could be obtained from nose and throat, and abrasions on hands and arms of food handlers, as well as from samples of food handled by them. One outbreak was attributed to streptococcus. On this occasion, epidemiological evidence pointed to the contamination of a bulk supply of pasteurized milk after it had been received from the dairy. Faulty drainage in the refrigeration system, and contamination by food handlers, was attributed as the cause.

TABLE 4
UNDULANT FEVER

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1939	66	2	1.7	.06	3.0
1940	64	3	1.7	.08	4.7
1941	68	0	1.7	0	0
1942	69	3	1.6	.08	4.3
1943	65	2	1.6	.06	3.0
1944	55	2	1.4	.06	3.6

During 1944, 55 cases of Undulant Fever were reported in the Province of Ontario. This is the lowest incidence ever reported in the Province.

Following the receipt of a positive laboratory blood examination for Undulant Fever, a questionnaire is submitted to the attending physician or the medical officer of health. Consequently, the 55 cases reported have been confirmed bacteriologically as well as clinically.

During 1944, Undulant Fever was reported in 27 of the 49 counties and districts. Two deaths had occurred. Since the advent of pasteurization in Ontario, there has been a marked reduction in the number of cases during this six-year period. In the previous six years, 1933-38, 667 cases were reported, and in the period from 1939-44, only 387 cases have been reported, with a reduction of nearly 40%.

The diagnosis of Undulant Fever presents many problems, due to the fact that the clinical manifestations are so varied. A diagnosis of Neurosthenia, Rheumatism, Tuberculosis or Typhoid Fever is very often made. A specimen of blood should be drawn from any person who is suffering from an undiagnosed illness, and sent to the laboratory for examination. More than one specimen should be sent, because of the fact that a negative laboratory report is commonly obtained from cases in the early stages of the disease.

Over 90% of the cases reported reside in rural areas, and were persons associated with farming. In many instances, it was not specified whether infected animals were in their herds or not. 65% of the cases were males, and 75% of the

cases were in the age group of 20 and over. Counties showing the highest percentage of cases in rural areas were: Carleton, York, Wentworth, Waterloo, Perth, Oxford and Middlesex.

TABLE 5
POLIOMYELITIS

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1940	87	10	2.3	.2	11.4
1941	141	10	3.7	.2	7.0
1942	89	11	2.1	.2	12.3
1943	89	9	2.1	.1	10.0
1944	332	20	6.5	.5	6.0

Since 1937, when 2,546 cases of Poliomyelitis were reported, the incidence of this disease, as shown by both morbidity and mortality rates, has been unusually low. Poliomyelitis in Ontario has, since 1916, shown an increased incidence in more or less septennial cycles: 1916-1922-1929-30, 1937-1944. In only one exception, 1929-30, has the disease continued prevalent for the two years. The increase in the number of cases reported in 1944 was considerably lower than in any of the previous outbreak years. So it may be possible that the experience of 1929-30 will be repeated.

In 1929, an outbreak occurred in the Ottawa Valley area. The following year an outbreak appeared in the more central area of the Province. During 1937, the outbreak was common to all parts of the Province. During 1944, very few cases of the disease were reported from the eastern part of the Province. The disease was most prevalent in the counties of Perth, Huron, Middlesex, Oxford, Waterloo, Wellington, Halton, Essex, Kent, Lambton, Welland, Wentworth, York and Kenora District. In no instance did the morbidity rates in these counties in 1944 even approach the rates as computed for 1937. The county of Perth had a rate of 52 per 100,000. This was the highest rate for any county during 1944, and was considered low in the 1937 epidemic.

Ninety per cent of the 332 cases in 1944 were hospitalized, the cost of hospitalization being paid by the Government. Clinical and hospital centres were established in various strategic centres—Windsor, London, Hamilton, Kingston, Ottawa, Fort William, and sufficient accommodation in hospitals in these cities was found.

An increase in cases was noted during the months of July and August, with the peak week developing on August 26th—one week earlier than usual. The highest number of cases to occur in any one month was reported in September. In October and November, there was a decided decrease in the incidence. A study is being made of the 1944 cases at the present time.

TABLE 6
 FIVE-YEAR INCIDENCE—REPORTED CASES AND DEATHS, ONTARIO
 1940-1944

DISEASES	1940		1941		1942		1943		1944	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Actinomycosis.....	6	1	2	.....	1	4	2	1	2	.....
Anthrax.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Meningitis (Meningococcus).....	145	29	501	71	276	30	185	32	162	24
Chickenpox.....	15,993	2	12,237	.....	12,928	.....	13,026	.....	14,305	1
Conjunctivitis.....	6	.....	5	.....	1	.....	13	.....	62	.....
Diphtheria.....	78	12	200	13	143	15	75	6	182	11
Dysentery (Bacillary).....	104	2	49	3	13	.....	9	1	21	2
Encephalitis (Lethargica).....	8	2	9	6	1	1	5	6	2	1
Erysipelas.....	124	7	87	4	80	2	64	2	76	5
Gonorrhoea.....	4,566	.....	5,539	.....	6,220	.....	6,543	1	6,481	.....
Influenza.....	3,327	17	3,722	55	1,298	19	7,312	83	4,708	91
Infectious Jaundice.....	110	1	54	.....	54	.....	83	5	138	5
German Measles.....	2,073	.....	30,249	.....	1,591	.....	2,178	.....	2,108	1
Malaria.....	1	.....	.....	.....	1	.....	1	.....	6	.....
Measles.....	16,200	7	30,014	6	6,790	2	28,403	5	16,882	8
Mumps.....	9,872	1	7,634	.....	16,806	.....	27,250	.....	7,016	1
Paratyphoid Fever..	51	1	44	.....	46	2	36	2	20	1
Pneumonia (all types).....	1,036	1,685	704	1,494	752	1,476	1,214	1,709	1,051	1,660
Poliomyelitis.....	87	9	140	10	89	1	81	8	333	20
Psittacosis.....	1	1	21	2	1	.....	.....	.....	.....	.....
Puerperal Sepsis....	8	7	2	3	1	2	4	5	1	6
Scarlet Fever.....	5,696	21	8,155	20	8,354	24	6,857	14	7,878	14
Septic Sore Throat (Epidemic Type).....	294	6	358	3	280	7	170	5	67	2
Smallpox.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Syphilis.....	5,222	48	6,770	67	5,952	57	6,975	50	5,412	67
Tetanus.....	13	7	3	6	9	8	10	6	12	5
Trachoma.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....
Trichinosis.....	17	.....	.....	.....	.....	.....	15	1	1	.....
Tuberculosis.....	2,580	389	2,348	337	2,560	356	2,789	376	2,731	330
Tularemia.....	3	.....	4	.....	.....	.....	3	1	3	.....
Typhoid Fever.....	159	24	133	8	109	8	60	9	78	.....
Undulant Fever....	64	2	68	.....	69	3	65	.....	55	.....
Whooping Cough...	5,517	29	7,229	25	4,313	7	6,970	24	2,952	8

TABLE 7
GEOGRAPHIC DISTRIBUTION OF CASES AND DEATHS—ONTARIO, 1944

COUNTY OR DISTRICT	Meningitis (Meningococcus)		Diphtheria		Encephalitis (Lethargica)		Paratyphoid		Poliomylitis		Tularemia		Typhoid		Undulant Fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Algoma.....	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Brant.....	9	1	..	..	..	1	..	..	1	..	..	..	..	..	1	..
Bruce.....	..	..	..	..	..	..	..	..	2	..	..	..	..	..	3	..
Carleton.....	6	1	8	1	..	..	..	..	6	..	..	..	4	..	4	..
Cochrane.....	1	..	2	..	..	..	1	..	2	..	..	1	4	..	..	..
Dufferin.....	..	..	..	..	..	..	..	..	3	..	..	..	..	..	1	..
Elgin.....	6	..	..	..	..	..	..	..	4	..	..	..	..	..	2	..
Essex.....	9	2	..	..	..	..	..	..	28	2	..	..	7	..	2	..
Frontenac.....	5	1	..	..	1	..	..	..	4	1	..	..	..	..	..	..
Grey.....	1	..	4	1	..	..	..	..	6	..	..	..	1	..	2	..
Haldimand.....	..	..	..	..	..	..	..	..	4	..	..	..	..	..	1	..
Haliburton.....	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Halton.....	2	..	..	..	..	..	..	..	10	..	..	..	..	..	..	..
Hastings.....	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Huron.....	1	..	..	..	..	..	..	..	8	1	..	1	..	..	6	..
Kenora.....	..	..	2	1	..	..	..	..	14	..	..	..	1	..	1	..
Kent.....	2	1	..	..	..	..	1	..	4	..	..	..	..	..	..	..
Lambton.....	2	..	..	..	..	..	..	..	3	..	..	..	1	..	..	..
Lanark.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Leeds and Grenville.....	1	..	..	..	..	..	..	..	1	..	..	..	1	..	3	..
Lennox and Addington.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Lincoln.....	2	..	..	..	..	..	2	..	..	..	..	..	13	..	2	..
Manitowlin.....	..	..	1	..	..	..	..	..	2	..	..	..	..	..	1	..
Middlesex.....	3	1	1	..	..	..	4	..	22	2	..	..	3	..	4	..
Muskoka.....	2	..	1	..	..	..	..	..	3	..	..	..	..	..	..	..
Nipissing.....	4	3	6	1	..	..	1	..	1	..	..	..	..	2	..	..
Norfolk.....	2	..	2	..	..	..	..	..	1	..	..	..	..	..	2	..

TABLE 7—Continued
GEOGRAPHIC DISTRIBUTION OF CASES AND DEATHS—ONTARIO, 1944

COUNTY OR DISTRICT	Meningitis (Meningococcus)		Diphtheria		Encephalitis (Lethargica)		Paratyphoid		Poliomyelitis		Tularemia		Typhoid		Undulant Fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Northumberland and Durham.....	2	1	...	...	...	...	...	...	2	1	...	...	2	...	...	...
Ontario.....	2	2	...	...	...	...	...	1	3	1	...	...	1	...	...	...
Oxford.....	...	...	4	...	...	...	...	1	6	1	...	...	...	...	2	...
Parry Sound.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peel.....	1	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...
Perth.....	...	...	...	...	...	...	...	...	26	2	...	...	...	...	1	...
Peterborough.....	4	...	...	4	...	1	...	...	...	...	...	...	...	...	1	...
Prescott and Russell.....	...	...	2	...	...	...	...	1	1	...	...	...	1	...	...	...
Prince Edward.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rainy River.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Renfrew.....	2	...	...	...	...	...	...	...	2	...	...	...	...	2	...	...
Simcoe.....	2	...	2	...	...	...	...	1	2	...	...	...	3	...	2	...
Stormont, Dundas and Glengarry.....	1	...	1	...	...	...	...	...	4	...	...	...	4	...	1	...
Sudbury.....	3	...	87	1	...	...	...	1	1	...	...	...	...	...	...	...
Temiskaming.....	1	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...
Thunder Bay.....	4	...	...	3	...	...	...	...	3	...	1	...	...	...	1	...
Victoria.....	...	...	6	...	...	...	...	...	...	...	...	...	1	...	1	...
Waterloo.....	3	1	...	...	...	...	...	...	11	1	...	...	6	...	6	...
Welland.....	5	1	2	1	...	...	...	...	14	4	...	...	7	...	...	...
Wellington.....	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wentworth.....	5	...	...	5	...	...	...	1	14	1	...	...	3	...	...	...
York.....	63	9	43	5	...	...	4	...	107	5	...	...	9	...	1	...
TOTALS.....	162	24	182	11	2	1	20	1	333	20	3	...	78	...	55	...

TABLE 8—Continued
MONTHLY INCIDENCE OF COMMUNICABLE DISEASES—CASES AND DEATHS—1944

DISEASES	September		October		November		December		TOTALS					
									1944		1943		1942	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Smallpox.....	268		401		611		677	3	7,878	14	6,857	14	8,354	24
Scarlet Fever.....	13	1	20		39	1	35	3	182	11	75	6	143	15
Diphtheria.....	81	1	168		364	2	477		16,882	8	28,403	5	6,790	2
Measles.....	263		129		192		342	1	2,952	8	6,970	24	4,004	7
Whooping Cough.....	7		9		2				78		60		109	8
Typhoid Fever.....	221	26	182	20	192	25	216	27	2,731	330	8,789	376	2,560	356
Tuberculosis.....	117	10	74	5	30	2	3		333	20	81	8	89	1
Poliomyelitis.....														
Cerebrospinal Meningitis (Meningococcus).....	13	1	12	1	5	2	5	3	162	24	185	32	276	30
Influenza.....	66	1	30		127	4	248		4,708	91	7,312	83	1,298	19
Pneumonia.....	33	81	47	97	59	114	64	121	1,051	1,660	1,814	1,709	752	1,476
Syphilis.....	371	6	332	6	365	8	299	4	5,412	67	5,975	50	5,938	57
Gonorrhoea.....	480		388		400		386		6,481		6,543	1	6,220	
Chickenpox.....	193		481		1,070		2,183		14,305	1	13,026	6	12,988	1
Encephalitis.....									2	1	5			
German Measles.....	25		23	1	42		59		2,108		3,178		1,591	
Mumps.....	113		162		296		419		7,016	1	27,250		16,806	
Septic Sore Throat.....	3		1		6		2	1	67	2	170	5	280	7
Undulant Fever.....	7		1		11		5		55		65		69	5
Dysentery.....	6	1	3		1		5		21	2	9	1	13	
Erysipelas.....	8	1	4		7		6		76	5	64	2	80	2
Paratyphoid Fever.....	4		2		2		20		20	1	36	2	46	2
Infectious Jaundice.....	31		34	3	17	2	20	2	138	5	83	5	34	8
Tetanus.....			6				3				12	5	10	6
Tularemia.....					1		3				3		3	
Conjunctivitis.....			1						62		13		1	
Malaria.....					2		3		6		1		1	
Actinomycosis.....					1				2		2		1	4

DISTRIBUTION OF LITERATURE

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

TABLE 9

Infectious Disease Literature	No. of Forms Distributed	Recording Forms	No. of Forms Distributed
Regulations and Amendments.	676	Diphtheria—	
Diphtheria	1,020	Recording Forms	575
		Consent Cards	25,540
		Certificates	23,615
Scarlet Fever	93	Scarlet Fever—	
		Consent Cards	9,395
		Certificates	9,630
War Brings Epidemics	7,450	Immunization Cards (combined form)	6,340
		Smallpox—	
		Consent Forms	17,895
		Certificates	18,980
Total	9,239	Total	111,970
	Total	121,209	

TABLE 10

ANNUAL DISTRIBUTION OF INSULIN FOR SHOCK THERAPY

Fiscal Year 1943-44

MONTHS	No. of Vials 1000 Units	Cost
1943		
April	36	\$ 50.40
May	100	140.00
June	100	140.00
July . . . . .	..	..
August . . . . .	..	..
September	50	70.00
October	50	70.00
November	50	70.00
December	50	70.00
1944		
January . . . . .	..	..
February . . . . .	..	..
March	84	117.60
Total	520	728.00

TABLE 11
ANNUAL DISTRIBUTION OF INSULIN BY AREA (Toronto and Province)
Fiscal Year 1943-44

RESIDENCE OF PATIENTS REQUIRING INSULIN	Male	Female	Total
City of Toronto.....	250	638	888
Province of Ontario, exclusive of Toronto.....	892	1,643	2,535
Totals.....	1,142	2,281	3,423

TABLE 12
ANNUAL DISTRIBUTION OF INSULIN
Fiscal Year 1943-44

TYPE OF INSULIN	Units per Vial	No. of Vials	Cost per Vial	Total Cost
Insulin-Toronto.....	200	4,125	\$.33	\$ 1,361.25
“ “.....	400	24,532	.58	14,228.56
“ “.....	800	2,685	1.12	3,007.20
“ “.....	1,000	520	1.40	728.00
Protamine Zinc.....	400	35,693	.65	23,200.45
“ “.....	800	4,055	1.25	5,068.75
Total.....				\$47,594.21

TABLE 13
MONTHLY DISTRIBUTION OF INSULIN
Fiscal Year 1943-44

MONTHS	TYPES OF INSULIN						Cost— All Types
	INSULIN-TORONTO No. of Vials Distributed				PROTAMINE ZINC INSULIN No. of Vials Distributed		
	200 Unit	400 Unit	800 Unit	1000 Unit	400 Unit	800 Unit	
1943							
April.....	359	1,804	207	36	2,661	329	\$ 3,587.93
May.....	475	1,811	234	100	2,560	343	3,701.96
June.....	312	2,255	217	100	3,207	350	4,315.95
July.....	464	2,167	252	...	3,337	373	4,327.52
August.....	360	2,245	252	...	3,051	300	4,061.29
September.....	375	1,874	252	50	2,721	290	3,694.06
October.....	307	2,168	278	50	3,002	339	4,115.16
November.....	360	2,061	275	50	3,285	349	4,263.68
December.....	260	2,463	292	50	3,105	452	4,494.63
1944							
January.....	258	1,834	135	...	2,752	239	3,387.61
February.....	284	1,970	132	...	3,050	351	3,805.41
March.....	311	1,880	159	84	2,962	340	3,839.01
Totals.....	4,125	24,532	2,685	520	35,693	4,055	\$47,594.21

TABLE 14
 BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION
 Fiscal Year 1943-44

MONTH	DIPHTHERIA ANTITOXIN										ANTI-MENINGOCOCCUS SERUM			
	1M Units Vials	Cost	10M Units Vials	Cost	20M Units Vials	Cost	40M Units Vials	Cost	Syrin- ges	Cost	20cc Vials	Cost	Out- fits	Cost
1943														
April.....	388	\$ 54.32	75	\$ 90.00	88	\$ 211.20	26	\$ 124.80	..	\$ 15.00	46	\$ 57.50	13	\$ 22.10
May.....	77	10.78	139	166.80	66	158.40	19	91.20	75	\$15.00	30	37.50	16	27.20
June.....	298	41.72	80	96.00	68	163.20	8	38.40	..	..	69	86.25	7	11.90
July.....	155	21.70	109	130.80	134	321.60	3	14.40	50	10.00	88	110.00	25	42.50
August.....	137	19.18	111	133.20	160	384.00	14	67.20	..	..	88	110.00	38	64.60
September.....	143	20.02	37	44.40	19	45.60	50	240.00	..	..	63	78.75	11	18.70
October.....	162	22.68	162	194.40	119	285.60	27	129.60	75	15.00	87	108.75	15	25.50
November.....	365	51.10	222	266.40	101	242.40	22	105.60	25	5.00	95	118.75	11	18.70
December.....	177	24.78	101	121.20	86	206.40	26	124.80	26	5.20	10	12.50	1	1.70
1944														
January.....	337	47.18	123	147.60	225	540.00	62	297.60	100	20.00	93	116.25	10	17.00
February.....	300	42.00	84	100.80	42	100.80	13	62.40	25	5.00	34	42.50	12	20.40
March.....	161	22.54	34	40.80	63	151.20	24	115.20	25	5.00	34	42.50	10	17.00
TOTALS.....	2,700	\$ 378.00	1,277	\$1,532.40	1,171	\$2,810.40	294	\$1,411.20	401	\$ 80.20	737	\$ 921.25	169	\$287.30

TABLE 14—Continued
 BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

MONTH	DIPHTHERIA TOXOID													
	Schick Test		For One Person		One (3cc) Ampoules		Six (3cc) Ampoules		Six (6cc) Ampoules		Diluted		Reaction Test	
	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost
1943														
April.....	280	\$ 70.00	2,008	\$ 552.20	138	\$ 28.98	115	\$ 128.80	452	\$ 791.00	96	\$ 24.00	27	\$ 2.70
May.....	512	128.00	2,120	583.00	152	31.92	253	283.36	358	626.50	38	9.50	49	4.90
June.....	293	73.25	2,473	680.08	231	48.51	74	82.88	203	355.25	15	3.75	53	5.30
July.....	483	120.75	1,580	434.50	132	27.72	62	69.44	140	245.00	117	29.25	11	1.10
August.....	273	68.25	1,664	457.60	191	40.11	140	156.80	125	218.75	63	15.75	32	3.20
September.....	410	102.50	2,347	645.43	96	20.16	249	278.88	965	1,688.75	35	8.75	70	7.00
October.....	361	90.25	2,678	736.45	143	30.03	308	344.96	921	1,611.75	86	21.50	70	7.00
November.....	513	128.25	2,066	568.15	242	50.82	120	134.40	612	1,071.00	56	14.00	81	8.10
December.....	218	54.50	1,767	485.93	44	9.24	35	39.20	271	474.25	39	9.75	65	6.50
1944														
January.....	500	125.00	1,864	512.60	172	36.12	122	136.64	412	721.00	63	15.75	112	11.20
February.....	351	87.75	2,213	608.57	292	61.32	59	66.08	370	647.50	43	10.75	65	6.50
March.....	491	122.75	2,113	581.07	89	18.69	102	114.24	321	561.75	72	18.00	36	3.60
TOTALS.....	4,685	\$1,171.25	24,893	\$6,845.58	1,922	\$ 403.62	1,639	\$1,835.68	5,150	\$9,012.50	723	\$ 180.75	671	\$67.10

TABLE 14—Continued
 BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

MONTH	DIPHTHERIA TOXOID						TETANUS ANTITOXIN									
	ALUM		TOXOID WITH PERTUSSIS (Combined)				1,500 Unit Vials	Cost	10M Unit Vials	Cost	20M Unit Vials	Cost	Syrin- ges	Cost	10M Out- fits	Cost
	Two (1cc) Am- poules	Pkgs.	Four (6cc) Am- poules	Three (2cc) Am- poules		Six (6cc) Am- poules										
				Pkgs.	Cost	Pkgs.	Cost									
1943																
April.....	18	\$ 31.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May.....	43	75.25	.....	.....	50	\$ 182.50	3,995	\$1,158.55	16	\$ 52.00	62	\$ 12.40	3	\$ 6.30
June.....	8	14.00	394	\$ 295.50	116	423.40	3,773	1,094.17	7	22.75	122	24.40	5	10.50
July.....	1	1.75	232	174.00	13	47.45	5,682	1,647.78	60	195.00	137	27.40	2	4.20
August.....	35	61.25	254	190.50	63	229.95	6,340	1,838.60	154	500.50	200	40.00	12	25.20
September.....	45	78.75	952	714.00	231	843.15	5,561	1,612.69	99	321.75	124	24.80	2	4.20
October.....	3	1.13	267	200.25	228	832.20	4,788	1,388.52	200	650.00	125	25.00	2	4.20
November.....	34	59.50	1,570	1,177.50	283	1,032.95	3,928	1,139.12	64	208.00	100	20.00	40	84.00
December.....	939	704.25	132	481.80	3,054	885.66	14	45.50	100	20.00	1	2.10
1944																
January.....	7	12.25	1,289	966.75	247	901.55	4,008	1,162.32	11	35.75	100	20.00	2	4.20
February.....	39	14.62	1,303	977.25	314	1,146.10	2,647	767.63	20	65.00	55	11.00	4	8.40
March.....	5	1.87	1,476	1,107.00	233	850.45	2,811	815.19	19	61.75	62	12.40	.....	.....
TOTALS.....	63	\$23.62	241	\$421.75	8,676	\$6,507.00	1,910	\$6,971.50	52,544	\$15,237.76	725	\$1,268.75	1,309	\$2,561.00	71	\$149.10

TABLE 14—Continued
 BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

MONTH	SCARLET FEVER ANTITOXIN						SCARLET FEVER TOXIN					
	Prophylactic Doses	Cost	Treatment Doses	Cost	Syringes	Cost	Dick Test	Cost	For 1 Person		For 6 Persons	
									Pkgs.	Cost	Pkgs.	Cost
1943												
April.....	450	\$ 337.50	276	\$ 759.00	50	\$ 10.00	682	\$ 170.50	786	\$ 235.80	994	\$ 994.00
May.....	560	420.00	430	1,182.50	150	30.00	902	225.50	1,218	365.40	882	882.00
June.....	593	444.75	208	572.00	25	5.00	807	201.75	983	294.90	395	395.00
July.....	392	294.00	195	536.25	75	15.00	572	143.00	888	266.40	538	538.00
August.....	419	314.25	166	456.50	.....	.....	433	108.25	789	236.70	457	457.00
September.....	269	201.75	138	379.50	.....	.....	673	168.25	1,046	313.80	642	642.00
October.....	546	409.50	234	643.50	25	5.00	804	201.00	1,226	367.80	1,743	1,743.00
November.....	556	417.00	383	1,053.25	25	5.00	719	179.75	1,478	443.40	794	794.00
December.....	654	490.50	234	643.50	100	20.00	467	116.75	947	284.10	331	331.00
1944												
January.....	682	511.50	551	1,515.25	125	25.00	1,081	270.25	1,333	399.90	1,275	1,275.00
February.....	650	487.50	238	654.50	125	25.00	1,123	280.75	1,492	447.60	1,014	1,014.00
March.....	770	577.50	271	745.25	25	5.00	740	185.00	1,058	317.40	908	908.00
TOTALS.....	6,541	\$4,905.75	3,324	\$9,141.00	725	\$ 145.00	9,003	\$2,250.75	13,244	\$3,973.20	9,973	\$9,973.00

TABLE 14—Continued
 BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

MONTH	SMALLPOX VACCINE						RABIES VACCINE		PERTUSSIS VACCINE		TYPHOID VACCINE	
	1 Tube per Package		5 Tubes per Package		10 Tubes per Package		Treatment		6 c.c. Vials		10 c.c. Vials	
	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost	Vials	Cost	Vials	Cost
1943												
April	1,039	\$ 93.51	606	\$ 142.41	939	\$ 422.55	12	\$ 72.00	3,900	\$1,950.00	300	\$ 108.00
May	1,187	106.83	685	160.98	735	330.75	12	72.00	4,400	2,200.00	300	108.00
June	1,187	106.83	654	153.69	710	319.50	3	18.00	4,000	2,000.00	600	216.00
July	1,164	104.76	581	136.54	300	135.00	4	24.00	3,500	1,750.00	603	217.08
August	1,466	131.94	720	169.20	537	241.65	6	36.00	4,094	2,047.00	287	103.32
September	1,493	134.37	911	214.08	1,069	481.05	1	6.00	5,755	2,877.50	170	61.20
October	1,420	127.80	779	183.06	1,151	519.30	1	6.00	5,638	2,819.00	158	56.88
November	1,010	90.90	784	184.24	1,043	469.35	1	6.00	6,220	3,110.00	260	93.60
December	868	78.12	314	73.79	390	175.50	17	102.00	4,362	2,181.00	302	108.72
1944												
January	892	80.28	470	110.45	733	329.85	4	24.00	4,978	2,489.00	281	102.24
February	1,073	96.57	616	144.76	920	414.00	11	66.00	3,019	1,509.50	206	74.16
March	1,389	125.01	551	129.48	1,217	547.65	.....	.....	3,309	1,654.50	.....	.....
TOTALS	14,188	\$1,276.92	7,671	\$1,802.68	9,747	\$4,386.15	59	\$354.00	53,175	\$26,587.50	3,470	\$1,249.20

TABLE 15
BIOLOGICAL PRODUCTS—ANNUAL DISTRIBUTION

Fiscal Year 1943-44

DIPHTHERIA:

Antitoxin.....	2,700 x 1M units vials at.....	\$.14 each.....	\$ 378.00
	1,277 x 10M units vials at.....	1.20 each.....	1,532.40
	1,171 x 20M units vials at.....	2.40 each.....	2,810.40
	294 x 40M units vials at.....	4.80 each.....	1,411.20

Total.....\$ 6,132.00

Toxin for Schick Test	4,685 Outfits at.....	.25 each.....	1,171.25
Toxoid.....	24,893 x 1 person packages at.....	.27½ each.....	6,845.58
	1,922 x One 3 cc. ampoules packages at.....	.21 each.....	403.62
	1,639 x Six 3 cc. ampoules packages at.....	1.12 each.....	1,835.68
	5,150 x Six 6 cc. ampoules packages at.....	1.75 each.....	9,012.50
	671 Reaction Test ampoules at.....	.10 each.....	67.10
	723 Diluted for Reactors packages at.....	.25 each.....	180.75
	63 Alum 2 x 1 cc. ampoules pckgs. at.....	.37½ each.....	23.62
	241 Alum 4 x 6 cc. ampoules pckgs. at.....	1.75 each.....	421.75

Total.....\$19,961.85

TOXOID WITH PERTUSSIS:

(Combined).....	8,676 Three 2 cc. ampoules packages at.....	\$.75 each.....	\$ 6,507.00
	1,910 Six 6 cc. ampoules packages at.....	3.65 each.....	6,971.50

Total.....\$13,478.50

TETANUS:

Antitoxin.....	52,544 x 1,500 units vials at.....	\$.29 each.....	\$15,237.76
	725 x 10,000 units vials at.....	1.75 each.....	1,268.75
	788 x 20,000 units vials at.....	3.25 each.....	2,561.00

Intraspinal Outfits....	71 x 10,000 units with outfits at.....	2.10 each.....	149.10
-------------------------	--	----------------	--------

Total.....\$19,216.61

SCARLET FEVER:

Antitoxin.....	6,541 Prophylactic doses at.....	\$.75 each.....	\$ 4,905.75
	3,324 Treatment doses at.....	2.75 each.....	9,141.00

Total.....\$14,046.75

Toxin for Dick Test.	9,003 Outfits at.....	.25 each.....	2,250.75
----------------------	-----------------------	---------------	----------

Toxin.....	13,244 x 1 person packages at.....	.30 each.....	3,973.20
------------	------------------------------------	---------------	----------

	9,973 x 6 person packages at.....	1.00 each.....	9,973.00
--	-----------------------------------	----------------	----------

Total.....\$16,196.96

MENINGOCOCCUS:

Anti-serum.....	737 x 20 cc. vials at.....	\$1.25 each.....	\$ 921.25
-----------------	----------------------------	------------------	-----------

Intraspinal Outfits....	169 x 20 cc. vials with outfits at.....	1.70 each.....	287.30
-------------------------	---	----------------	--------

Total.....\$ 1,208.55

SMALLPOX:

Vaccine.....	14,188 x 1-point packages at.....	\$.09 each.....	\$ 1,276.92
--------------	-----------------------------------	-----------------	-------------

	7,671 x 5-point packages at.....	.23½ each.....	1,802.68
--	----------------------------------	----------------	----------

	9,747 x 10-point packages at.....	.45 each.....	4,386.15
--	-----------------------------------	---------------	----------

Total.....\$ 7,465.75

RABIES:			
Vaccine.....	59 treatments at.....	\$.60 each.....	\$ 354.00
PERTUSSIS:			
Vaccine.....	53,175 x 6 cc. vials at.....	\$.50 each.....	\$26,587.50
TYPHOID-PARATYPHOID:			
Vaccine.....	3,470 x 10 cc. vials at.....	\$.36 each.....	\$ 1,249.50

TABLE 16

BIOLOGICAL PRODUCTS AND INSULIN—Continued

Fiscal Year 1943-44

SUMMARY OF ANNUAL DISTRIBUTION	Costs
Diphtheria Products.....	\$ 26,093.85
Diphtheria Toxoid and Pertussis Vaccine (comb.).....	13,478.50
Tetanus Products.....	19,216.61
Scarlet Fever Products.....	30,243.70
Meningococcus Products.....	1,208.55
Smallpox Vaccine.....	7,465.75
Rabies Vaccine.....	354.00
Pertussis Vaccine.....	26,587.50
Typhoid-paratyphoid Vaccine.....	1,249.20
Syringes.....	487.00
Cost of Biological Products and Syringes.....	\$126,384.66
Less Sale of Syringes (\$487.00)—NET COST.....	125,897.66

TABLE 17

SUMMARY OF ANNUAL DISTRIBUTION

Fiscal Year 1943-44

PRODUCT	Costs
Biological Products—Gross Cost.....	\$126,384.66
Insulin—All types—Cost.....	47,594.21
Total Cost.....	\$173,978.87
Less Sale of Biological Syringes.....	487.00
Net Cost.....	\$173,491.87

TABLE 18
COMPARATIVE STATEMENT OF COSTS—1943-44

COSTS OF DISTRIBUTION BY FISCAL YEARS		1943-44 Increase or Decrease over 1942-43	
A. Biological Products	1942-43	1943-44	
(a) ACTIVE IMMUNIZATION:			
Diphtheria Toxoid	\$ 23,724.25	\$ 19,961.85	\$ 3,762.40 D
Diphtheria Toxoid with Pertussis Vaccine (Comb.)	21.90	13,478.50	13,456.60 I
Scarlet Fever Toxin	15,599.25	16,196.95	597.70 I
Smallpox Vaccine	7,594.82	7,465.75	129.07 D
Pertussis Vaccine	18,915.00	26,587.50	7,672.50 I
Rabies Vaccine	192.00	354.00	162.00 I
T.A.B. Vaccine	1,818.72	1,249.20	569.52 D
Total	\$ 67,865.94	\$ 85,293.75	\$ 17,427.81 I
(b) PASSIVE IMMUNIZATION:			
1. Prophylactic size package—	356.58	378.00	21.42 I
Diphtheria Antitoxin	14,052.24	15,237.76	1,185.52 I
Scarlet Fever Antitoxin	5,025.75	4,905.75	120.00 D
Total	\$ 19,434.57	\$ 20,521.51	\$ 1,086.94 I
2. Treatment size package—			
Diphtheria Antitoxin	4,180.80	5,754.00	1,573.20 I
Tetanus Antitoxin	3,823.65	3,978.85	155.20 I
Scarlet Fever Antitoxin	7,392.00	9,141.00	1,749.00 I
C. S. M. Serum	1,477.85	1,208.55	269.30 D
Anti-Anthrax Serum	66.00	66.00	66.00 D
Total	\$ 16,940.30	\$ 20,082.40	\$ 3,142.10 I
Syringes	512.40	487.00	25.40 D
Total	\$104,753.21	\$126,384.66	\$ 21,631.45 I
B. Insulin	\$ 49,801.02	\$ 47,594.21	\$ 2,206.81 D
Biological Products and Insulin— Total Cost	\$154,554.23	\$173,978.87	\$ 19,424.64 I

*D—Decrease. I—Increase.

TABLE 19
ANNUAL DISTRIBUTION OF TUBERCULIN

Calendar Year 1944

Private Physicians supplied with Tuberculin	460
Hospitals supplied with Tuberculin	93
Provincial Branch Laboratories supplied with Tuberculin	4
Provincial Travel Clinics supplied with Tuberculin	4
Miscellaneous—Schools, Industries, etc., supplied with Tuberculin	15

TABLE 20

ANNUAL DISTRIBUTION OF TUBERCULIN—BY AMOUNTS DISTRIBUTED

(Calendar Year—1944)

TYPE	1 cc. VIALS		5 cc. VIALS		TOTAL	
	No. of Vials	Contents (cc.)	No. of Vials	Contents (cc.)	No. of Vials	Contents (cc.)
No. 1 Solution.....	2,042	2,042	2,044	10,220	4,086	12,262
No. 2 Solution.....	771	771	.....	.....	771	771
Total.....	2,813	2,813	2,044	10,220	4,857	13,033

TABLE 21

ANNUAL DISTRIBUTION OF TUBERCULIN—BY COSTS

(Calendar Year—1944)

TYPE	No. of Vials	Cost per Vials	Total Cost
No. 1 Sol. (1cc.).....	2,042	\$0.30	\$ 612.60
No. 1 Sol. (5cc.).....	2,044	.95	1,941.80
No. 2 Sol. (1cc.).....	771	.35	269.85
Total.....			\$2,824.25

TABLE 22

COMPARATIVE STATEMENT—TUBERCULIN DISTRIBUTION AND COST

1943—1944

TYPE	1943		1944		Increase or Decrease
	Vials	Cost	Vials	Cost	Cost
No. 1 Sol. (1cc.).....	2,256	\$ 676.80	2,042	\$ 612.60	\$ 64.20 D
No. 1 Sol. (5cc.).....	1,889	1,794.55	2,044	1,941.80	147.25 I
No. 2 Sol. (1cc.).....	771	269.85	771	269.85	.....
Total.....		\$2,741.20		\$2,824.25	\$ 83.05 I

*D—Decrease. I—Increase.

DIVISION OF INDUSTRIAL HYGIENE

J. G. CUNNINGHAM, *Director*

The control of environment, the early recognition of disease and defect, and the practice of personal hygiene are public health projects and nowhere are they as readily applied as to large sections of the population in industry. This community interest coincides with the advantage to industry accruing from better health and morale of wage-earners and better industrial relations developed in the course of rendering this service.

Health supervision is rapidly coming to be recognized as the prime function of an industrial medical department, moving the emphasis from the care of industrial accidents, important as this is. Many war plants have developed excellent health programmes but those which were slow in starting found difficulty in obtaining suitable medical personnel. The workers in these plants have learned that the industrial physician can assist them and their families in their health problems and yet, this does not necessarily mean the provision of medical care by the industry. It is essentially a preventive programme but it renders advice on the need and the arrangements for outside care when this is indicated. Employees with minor complaints of ill-health will often stay away from work in the absence of health services in the factory and practice self-medication where otherwise they would report for duty, if only to obtain reassurance or other advice from the medical department. Visits to the factory health centre for minor sickness may be expected to run at the rate of five or six per employee per year and this may be used as a guide to the employer as to the adequacy of the services rendered. Where the visit rate drops, some inquiry should be made, while a much higher rate may indicate unsatisfactory environmental conditions or unsuitable organization. The number of visits of women workers to the Health Centre as a rule is higher than that for men since they suffer short duration illness more frequently, when account is taken of illness common to both sexes.

These health services where they exist in factories should make a real contribution to placement and continuing re-establishment of those returning to industry from war service or from civilian sickness and accident.

HEALTH SERVICES

On the occasion of visits of the medical staff of the Division to factories for investigations of various types the subject of health service is discussed with plant executives to explain what is involved and to encourage action by management in establishing it. This represented contact with about four hundred factories this year, some of which now operate these services. A number of meetings with small groups of employers by municipality have been held, when the subject was discussed in some detail including questions of cost, benefits to be derived and procedures to be adopted. This has been followed by the distribution of literature on the experience with health services. Articles and addresses have been given to various other employer groups, sometimes assembled for other purposes. For those embarking on the project, the Division has medical and nursing staff with experience in industry, able to advise the employer. This year there were ninety-six requests to the industrial nursing consultant in the Division, from nurses in industry for assistance in various phases of their work.

Arrangements have been made to enable nurses in training to receive some practical contact with the subject. Industries concerned in this have always given excellent co-operation. Close contact between these nurses and those engaged in community public health nursing is stressed. A demand from industrial nurses for health literature for employees is being met to some extent indirectly by referring them to other agencies which have prepared such material, so that duplication may be avoided under present conditions. There are 580 full-time nurses in 320 factories in Ontario.

Forms for physical examination findings, for visits to the factory health centre and for individual health records have been prepared here and adopted by a number of factories. Recommendations for size, design, equipment and staff for a health centre have been made. At times it has been possible to incorporate some of these recommendations into plans for new factory construction submitted to the Factory Inspection Branch of the Department of Labour.

Employer interest in health is rather wide-spread, judging by the response to the use of mass x-ray surveys for the detection of tuberculosis, the requests for literature and films on venereal disease and the many requests received for advice on the control of occupational diseases. In spite of reduction in staff there have been 45,000 chest x-ray examinations of employees made by the Division clinic and all upon request. During the war period nearly all the work which it has been possible to carry out by the Division has been by request. Yet, the establishment of facilities for a co-ordinated health program to be carried out within the individual factory and paid for by the employer, has not progressed in pre-war factories with less than five hundred employees, as might have been expected. There may be a misconception on the part of these employers as to whether it is practical to establish such services. To these the physician's service can be rendered on a part-time basis and more recently, the Victorian Order of Nurses has provided in a few instances in Hamilton and Toronto, nursing service in small factories paid for on an hourly basis.

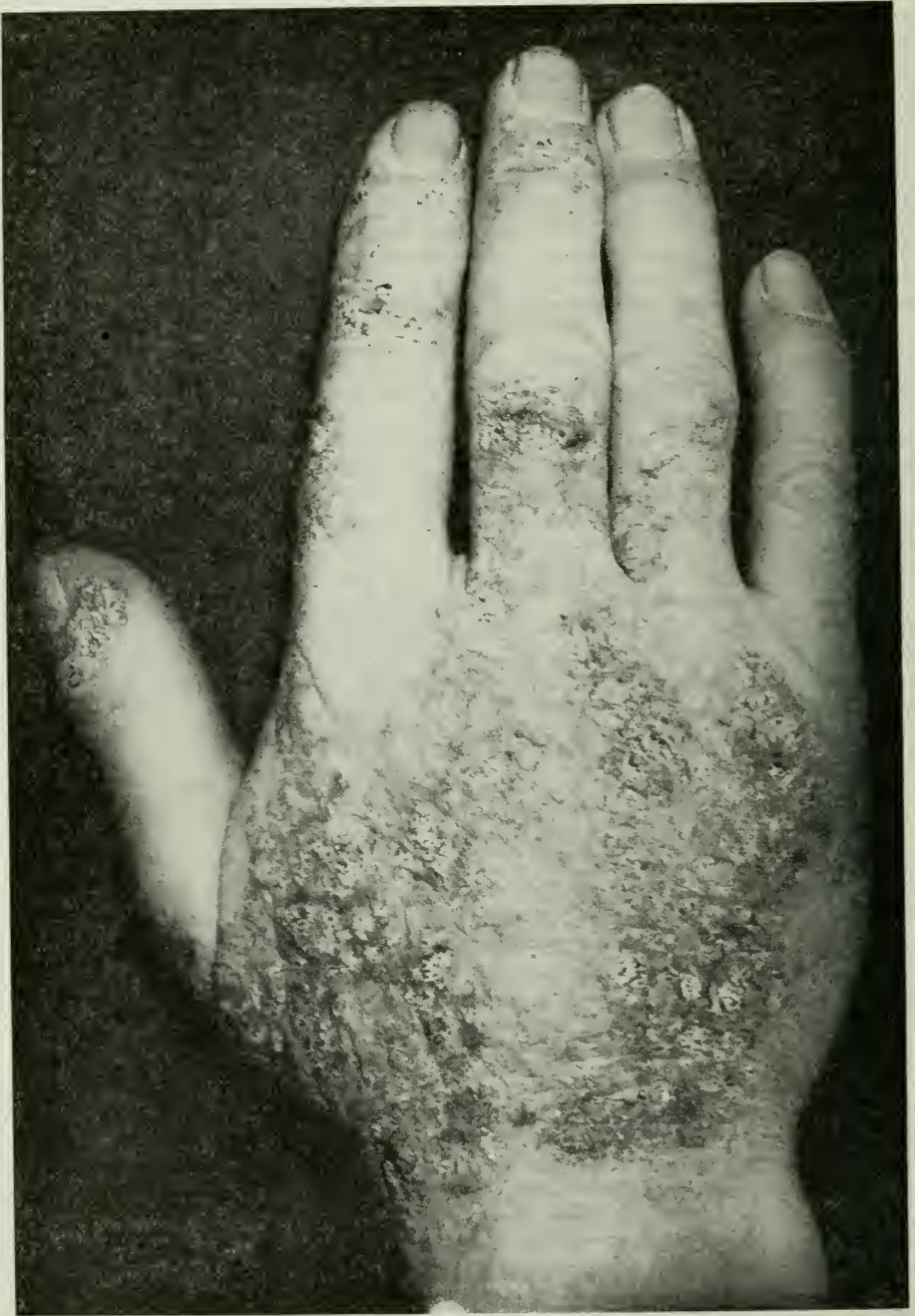
CONTROL OF OCCUPATIONAL DISEASES

Medical:

The Division is notified of all claims for workmen's compensation for occupational diseases received by the Workmen's Compensation Board and of all reports of these diseases received by the Factory Inspection Branch of the Department of Labour. These and similar arrangements help to bring to the attention of the Division possible health hazards in factories.

Two physicians of the Division spend some time each week with the Workmen's Compensation Board reviewing claims from the standpoint of the exposure involved to determine whether or not they are occupational in origin. Last year about one thousand such cases were reviewed and two hundred of them examined. Skin conditions are the most prevalent form of occupational disease. Recent examination of 1,416 such cases showed the order of frequency by cause to be oils and greases, solvents, alkalies and acids, and glues, and to lesser extent chromates, cyanide, explosives, grain dust, etc.

Pamphlets for distribution to industry have been prepared on the general subject of "Dermatitis" on "Dermatitis due to Oils" and on "Dermatitis due to Synthetic Glues." Three articles have been prepared on this subject for the Canadian Paint and Varnish magazine. A special inquiry was made respecting skin eruption among grain handlers in terminal elevators and among those



exposed to synthetic glues. Photography is being used to illustrate the conditions produced by various skin irritants in industry.

There were 450 examinations of claimants for silicosis made by the Silicosis Referee Board. These cases come from mining, foundries, granite cutting, porcelain manufacture. Autopsy specimens on twelve persons with dust exposures have been studied. Interpretation of x-ray films submitted from seven provinces outside Ontario have been made. In the few examinations which have been conducted of those exposed to dust, using the 35 mm. x-ray equipment, the indications are that the method may be used for screening such workmen encountered in the course of mass surveys.

The Division was represented at a meeting in Boston of a joint committee of the International Workmen's Compensation Boards and of the Council on Industrial Health of the American Medical Association, when there was reviewed the experience in Ontario respecting Workmen's Compensation for partial disability in silicosis. A course of lectures was given at the request of the Head of the Department of Radiology, University of Toronto, on the subject of silicosis as part of the training in radiology for certain members of the Armed Forces.

Twenty-six factories submitted regular reports of periodic examinations of those exposed to lead as required under Section 55 of The Factory, Shop and Office Building Act. An additional thirty-two factories, where this requirement does not apply, submitted similar reports. They have been received also in cases of exposure to benzol and in one instance, from an exposure to carbon disulphide. Exposure to lead was a special factor in over one-half of five hundred and fifty samples submitted to the industrial hygiene laboratory for analysis. There were 4,200 blood smears received from one hundred and thirty-two different physicians, with particular reference to exposure to lead. The number of known frank cases of lead poisoning is small, running about twenty per year, but only constant vigilance prevents acute cases and the chronic ill-health that is likely to be associated with continued small exposures to this material. Two pamphlets, one entitled "Lead Poisoning" and the other, "Lead Poisoning—Medical Control," have been revised and distributed.

Close supervision has been maintained over those exposed to radioactive substances in refining and in dial painting. This has involved the construction of intricate equipment not available on the market. Reports of periodic physical examination required from employers in this group, have been received. No evidence of damage to health from this exposure has been noted.

A statement was prepared on the health hazards associated with the manufacture of plastics. A large miscellaneous group of exposures has been reported to the Division such as those due to chromium, carbon tetrachloride, paraphenylene diamine, copper naphthenate, uranium and anti-mildew textiles.

Field investigation included examination of conditions of work and of individuals reported to be affected by certain constituents used in "Non-Offset Sprays" in printing. There seems no doubt that a few individuals are rendered sensitive so that exposure results in asthma-like attacks. Control measures were recommended and the condition has been added to the list of those for which Workmen's Compensation will be paid.

A pamphlet on the coal gas hazard from heating equipment was prepared. About 30,000 copies were distributed through various agencies. The Toronto Coal Exchange, the Canadian Retail Coal Dealers Association, and the Canadian Broadcasting Corporation cooperated fully in this.

Engineering

There were one hundred and thirty visits made to factories by the engineering staff for investigations and advice on the control of dust and fumes. It has been impossible to augment this staff owing to the scarcity of engineers so that all visits were made by request from some source. Twenty-eight per cent of these requests came from companies.

The plans for new factory construction and for alterations which are required to be submitted to the Department of Labour are reviewed with them, so that recommendations respecting process and also accommodation for health services can be made early. In many instances, plans are submitted apart from this requirement. Architects, fan manufacturers and plant engineers co-operate to an increasing extent, particularly in reference to plans for general and local exhaust ventilation systems.

The engineering control respecting hazards from radioactive materials has occupied the special attention of physicists of the Division. This subject has been reviewed also with medical officers of the Royal Canadian Air Force.

Chemical

Samples for analysis in the Industrial (Chemical) Hygiene Laboratory consist of raw materials used in process or the finished product, air samples collected by the Division staff, and certain biological samples. Extensive air testing has not been carried out. This procedure is reserved for doubtful or border-line exposures. A wide variety of materials has been submitted from many sources. Lead is a factor in about one-half the tests, silica in about one-third and the solvents in one-third, with the remainder a miscellaneous group, such as fluorine, cadmium, uranium and manganese. One-third of the total samples have been submitted by industry itself, representing one hundred and forty-one different companies.

SUMMARY OF LABORATORY WORK

No. of Samples	NATURE OF SAMPLES	HAZARD
77 18 57 4 4	Urine..... Paints and Lacquers..... Air Samples and Dust..... Biological..... Miscellaneous.....	Lead
3 1 3 1	Air..... Dust..... Fur..... Miscellaneous.....	Mercury
3 2	Air..... Dust.....	Zinc
1	Air.....	Manganese
32 1	Urine, Hair, etc..... Dust.....	Arsenic

SUMMARY OF LABATORY WORK—Continued

No. of Samples	NATURE OF SAMPLES	HAZARD	
14	Air.....	Fluorine	
38 17 31 12 12 5	Air..... Dust..... Rocks and Minerals..... Partines..... Lungs..... Miscellaneous.....	Silica	
43 32 2 3	Paints, Lacquers, Cements..... Solvents and Diluents..... Air..... Miscellaneous.....		
2 3	Solvents..... Air.....		Chlorinated Hydrocarbons
2 2 1	Solvents..... Off-set Sprays..... Paint.....		Methyl Alcohol
3 2 2	Air..... Dust..... Miscellaneous.....		Hydrocyanic Acid
2	Sewage.....		Hydrogen Sulphide
9 15	Blood..... Air.....	Carbon Monoxide	
4	Air.....	Oxides of Nitrogen	
3 2	Blood..... Miscellaneous.....	Nitro Compounds	
4 22 1 3 1	Oils and Fats..... Cutting Oils..... Solvent..... Acids and Alkalies..... Miscellaneous.....	Skin Eruption	
6 3	Soaps..... Miscellaneous.....	Acid and Alkali	
2 1 3	Solvents..... Paint..... Miscellaneous.....	Fire Hazard	
12	Air.....	Sulphur Dioxide	
4	Air.....	Uranium	
2	Air.....	Magnesium	
1 1	Air..... Dust.....	Cadmium	
1 1	Metal..... Urine.....	Copper	
1	Metal.....	Nickel	
2	Solvents.....	Turpentine	
7	Miscellaneous.....		
546			

Personnel

Major W. H. Cruickshank, who enlisted for active service with the R.C.A.-M.C. in August, 1943, is now in Italy. Dr. F. M. R. Bulmer, whose services were loaned to the Allied War Supplies Corporation, Montreal, dating from November, 1941, resumed his duties in the Division, June 1st, 1944.

Reference should be made to the efforts made by all the members of the staff to meet the demands placed upon them under wartime conditions.

HEALTH CENTRE

The Civil Service Health Centre which is operated by the Department of Health for the maintenance of the health of Ontario Civil Servants at the Parliament Buildings, Toronto, has been expanded to carry out a health programme similar to that advocated for industry. The accommodation, personnel and procedures followed are those which experience elsewhere has shown to be helpful to employees, without embarking on a scheme for total medical care.

Interested employers, representatives of employees, industrial physicians and nurses are invited to visit the Health Centre from four to five o'clock on Thursdays.

BEDDING

Manufacturers subject to the regulations respecting the labelling of articles of bedding and upholstered furniture have cooperated with the Department in giving effect to this legislation in spite of difficulties attendant on the scarcity of certain materials including material for the labels themselves. The War Assets Corporation have taken these regulations into account in the disposition of used articles of this type. Most of the complaints from the public have concerned articles purchased sometime previously and now showing insect infestation. With one exception there was no evidence to show that infestation was present at the time of purchase.

Eleven hundred inspections of premises were made in the course of which the following articles were placed "off sale" pending proper labelling.

Chesterfields.....	18 (54 pieces)
Studios.....	8
Mattresses.....	267
Comforters.....	2
Pillows and Cushions.....	20

Nearly all of these articles originated outside the Province. In the course of the enforcement of the regulations there were 1,100 laboratory determinations made on 346 samples from 88 companies. This year's work included analyses of many kinds of kapok from widely-scattered sources.

FUMIGATION

There were issued in 1944 twenty-seven household and thirteen commercial licenses to use cyanide compounds for fumigation as provided in the regulations on this subject. Thirty-four out of this number of licenses were renewals from the previous year. In the City of Toronto there were nearly 1,700 fumigations using hydrocyanic acid gas, about 200 more than last year. This included both household and vault fumigations.

Unfortunately, there were two deaths from the use of this gas for fumigation in January. Certain occupants of a rooming-house after being permitted to re-occupy premises, retired, apparently with the windows closed. The fumigator responsible for the job had had long experience and no record of a previous accident. The occurrence raised the subject of the length of time which should elapse after fumigation before the premises are declared fit for re-occupancy.

The regulations provided that at least four hours must elapse and longer, if weather conditions were unfavourable. The Coroner's Jury in this case recommended that "any building fumigated in the winter months be given more time for the dispersal of the gas."

An amendment was passed providing for a twelve-hour period of airing-out and provision was made for the employment of female guards. There has been difficulty in securing suitable guards for this work, particularly for the full period of fumigation and twelve hours ventilation. It has been requested by the fumigators that the requirement that fumigators start a job before ten o'clock in the morning be repealed.

Consideration is being given to measures for the control of disinfesting agents other than hydrocyanic acid. Several of these are being used to some extent at the present time.

When dichlor-diphenyl trichlorethane (DDT) is more readily available it may be possible to reduce the extent to which hydrocyanic acid gas is used for this purpose. In the meantime, a small amount of DDT has been made available to determine its value for disinfestation under certain local conditions.

ENFORCEMENT OF THE NORTHERN ONTARIO REGULATIONS

The report is attached prepared by the Chief Sanitary Inspector responsible for the enforcement of the regulations respecting camps, works and premises, and the employers and workmen thereof in territorial districts without municipal organization.

The provisions for medical care in these regulations include a sanitation contract between the employer and a physician for a monthly sanitary inspection of camps. The shortage of physicians has made it necessary to relieve the contract physician of this responsibility under certain circumstances of inaccessibility, so that the work of the Provincial District Sanitary Inspectors has been increased. In all instances it has been possible to obtain the services of physicians to meet the needs of workmen in these areas although at times there has been delay in providing a substitute where the contract physician has enlisted or has moved away. Arrangements have been made to relieve the employer in unorganized territory of the responsibility for medical and surgical care in the case of employees who are war veterans and as such are entitled to care by the Federal Government.

Report of Chief Sanitary Inspector:

The retirement of Mr. R. B. McCauley, Sault Ste. Marie, early in the year, owing to failing health, left only four sanitary inspectors in Northern Ontario covering the unorganized portion of the ten territorial judicial districts, comprising of an area of 193,517 square miles, showing a population of 71,122 persons, not including rural population of 206,832 and urban areas, 259,118, or a grand total population of 537,072.

With four Inspectors in the armed forces, and one superannuated during the past year, the routine sanitary supervision of these large areas, and inspection of industrial camps, has been allotted to the remaining four members of the staff as follows:

Mr. Hugh MacDonald, Fort William, now supervising the districts of Thunder Bay, Rainy River and Kenora. Mr. N. R. Laxton, Sudbury, districts of Sudbury, Algoma and Parry Sound. Mr. J. Richardson, North Bay, districts

of Nipissing, Timiskaming and part of Renfrew. Mr. Hugh McIntyre, Kirkland Lake, district of Cochrane.

In allocating the work which had to be taken over by the other Inspectors, and the location of their offices, consideration was given in each case to the distribution of the population in the districts affected, the industrial developments, and means of available transportation for the inspector to cover the most territory in the shortest time possible.

During the early part of the year, Mr. L. Harding was appointed on the temporary staff as Sanitary Inspector to assist in the district work. However, after five months on field work he resigned to take up other employment.

Combined with the sanitary supervision of industrial camps, more time was involved in routine inspections and investigations of complaints in the rural areas, investigations and follow-up work in connection with the control of communicable disease, typhoid fever carriers, and the enforcement of the Venereal Disease Prevention Act. The latter constituted a greater portion of routine work than in former years.

INDUSTRIAL OPERATIONS

It is shown in the following record of industrial camp operations, there has been a marked increase in the number of camps and workmen engaged during the year; also, the duration of operations has been extended into the summer months when help was available.

The following record only includes those operations which come under the control of the regulations, and are located in the territorial districts without municipal organization:

INDUSTRY	Number of Operators	Number of Camps	Number of Workmen Employed
Lumber Camps.....	133	279	11,121
Pulpwood Camps.....	55	248	10,607
Sawmill Camps.....	50	50	1,028
Mining Camps.....	32	30	8,463
Construction Camps.....	10	15	2,168
	280	622	33,387

The above figures are not including the 400 to 500 prisoners of war engaged in lumber camps.

LUMBER OPERATIONS

More workmen were engaged in lumber and pulpwood camps during 1944 than in recent years, and with the present demand for lumber and other wood products, more men will be absorbed in this industry when they are available. The duration of camp operations was again extended into the spring and summer months, several operating all summer when experienced workmen were available.

SAWMILL CAMPS

The sanitary supervision of the fifty sawmill camps, employing 1,028 workmen, was carried out by the district sanitary inspectors and the contract physi-

cians during the summer months. Many of the mill camps are located in the organized municipalities, and are not shown on our records.

MINING, SMELTING AND SINTERING PLANTS

During the year, some curtailment of gold mining was put into effect owing to the labour situation. Five camps were closed down indefinitely, leaving a total of thirty mining camps, employing 8,463 workmen, located in the unorganized districts.

In the Porcupine area, the extension of the Hollinger Medical Plan to all the mines in that area, has resulted in the lack of complete returns regarding the frequency and nature of illness. However, it is understood this information may be available in the company offices should same be required by the Department.

Twenty-five mining companies have now put into effect some form of medical plan to cover the employees and their families or dependents. Fifteen of these companies are operating camps located in the unorganized territorial districts.

CONSTRUCTION CAMPS

During the year, the Steep Rock Mines advanced from construction and development to production and is now employing from 300 to 400 workmen.

The Marathon Paper Company commenced work on the new paper mill at Peninsula and will be employing from 1,500 to 2,000 workmen as soon as labour and material are available. Repairs and construction work is under way at the Kalamazoo Parchment and Paper Company plant at Espanola; and extension and other construction work at the Spruce Falls Power and Paper Company plant at Kapuskasing is also under way.

All these camps were under the close sanitary supervision by the Inspectors during the summer and fall months, combined with the Inspection services rendered by the Contract Physician.

MEDICAL CARE AND SANITARY SUPERVISION

Many of the industrial physicians have been unable to visit the camps monthly as required under the regulations, partly due to lack of adequate assistant physicians during the winter months. However, with close co-operation between the employers of labour, the Doctors, and the Inspectors, temporary arrangements were made to send the workmen to the Headquarters camp, which are more reasonably accessible to the doctor.

Telephone and two-way radio have also been used to a greater extent in many of the camps and have proved very useful in contacting the doctors when required in emergency cases.

The following record will show the number of physicians engaged in this work, and extent of medical service rendered under the Regulations during the year.

Number of Medical and Sanitation Contracts	Number of Contract Physicians	Number of Assistant Physicians	Physicians' Camp Reports	Inspectors' Reports
217	106	61	2,192	531
MEDICAL SERVICE RENDERED AS REPORTED MONTHLY BY THE INDUSTRIAL PHYSICIAN:				
Number of Workmen Employed	Number of Workmen Requiring Treatment	Physical Examinations	Communicable Diseases	Immunizations
33,887	22,475	2,651	2,373	1,125

COMMUNICABLE DISEASES

The high incidence of communicable disease as reported by the industrial physician may be attributed to influenza which was prevalent in many of the camps in the Thunder Bay and Kenora districts during January and February. Sporadic cases of Diphtheria, Scarlet Fever, Measles, Mumps, Septic Sore Throat, Conjunctivitis, Diarrhoea, Dysentery and Ringworm were reported.

Although many of the camps were operating during the hot summer months, under improvised living conditions, it is noted not one case of Typhoid or Paratyphoid was reported, which may have been brought about by the high percentage of immunizations among this particular group of workmen, the routine sanitary supervision of the camps, combined with the apparent reduction in labour turnover during war time.

Apart from communicable diseases reported by the industrial physician, 177 cases were reported and investigated by the sanitary inspector in the unorganized communities. Included in the group were fifteen cases of Diphtheria in the Sudbury District, and eleven cases of Poliomyelitis in the Kenora District, and one case of Typhoid Fever in the Cochrane District.

SPECIAL INVESTIGATIONS

Two hundred and fifteen investigations were made re Venereal Disease Control, Tuberculosis, convalescent patients, typhoid carriers, bedding regulations, and the enforcement of *The Fire Marshall's Act*.

ROUTINE SANITARY SUPERVISION, UNORGANIZED TERRITORY

From the Inspectors' reports, the resident physicians, Public School Boards, social and welfare organizations, and the public are calling on the Sanitary Inspectors more frequently to deal with health and sanitation problems in these unorganized communities, combined with requests from many of the rural municipalities where so often only a part time Inspector is engaged.

Public and Separate Schools sanitary inspections are made when the Inspectors are making their annual sanitary surveys of any particular area of the

district, unless they are requested by the School Inspector or local School Board to investigate complaints in sanitation problems.

Restaurant inspections have been given more attention by all the Inspectors during the year, both in the industrial camps and public eating establishments. It is quite evident more time may have to be given to this work when the necessary inspection personnel is available.

During the year, 1,138 investigations and inspections were made in the rural and unorganized areas, all pertaining to matters coming under *The Public Health Act*.

To assist in the enforcement of reasonable standards of sanitation in restaurants and eating places, it has been suggested that some consideration might be given to amendments to schedule "B" of *The Public Health Act* to make provision for some form of Provincial restaurant regulations which would be in effect in all municipal and territorial districts throughout the Province.

DIVISION OF LABORATORIES

A. L. MACNABB, V.S., B.V.Sc., *Director*

The Divisional Laboratories conducted 936,344 examinations during the calendar year which terminated on December 31st, 1944. This is a decrease of 344,327 examinations over the previous year. This was due to the fact that in the year 1943, 414,396 blood specimens were examined for the Red Cross Blood Donor Service, while in 1944 only 11,307 specimens were examined. Excluding the blood donor specimens from the Red Cross there was an actual increase of 58,742 examinations in 1944.

The Central Laboratory, which includes the East Block Unit, No. 11 Queen's Park, 999 Queen St. West Laboratory and the Mimico unit, has 143 staff members. Of this number there are four medical internes, one Consultant Pathologist and two part-time workers. In the Branch Laboratories there are 53 staff members, bringing the total to 196 in the Division of Laboratories.

During the year a Regional Laboratory was opened at the St. Mary's Hospital, Timmins, where bacteriological and chemical examinations, as well as Basal Metabolism and Electrocardiograph determinations are being conducted. There are two staff members on duty in this laboratory while two members are in training at the Central Laboratory.

Mr. B. Lamb, B.Sc., continues to give a very satisfactory service as Director of the North Bay Branch Laboratory and there has been a satisfactory increase in the work conducted during the year. An epidemic of diphtheria in the Sudbury District in the latter part of the year put quite a strain upon the resources of the Laboratory.

In the Ottawa Branch Laboratory there has been an increase of 27,928 examinations over the previous year. This increase is due to the untiring efforts of Dr. E. L. Barton to improve the laboratory service and elicit the loyal co-operation of his staff. New procedures have been added to the routine and there has been a marked increase in existing procedures in all sections of the Laboratory.

There has been an increase in examinations conducted in the Barrie Street, Kingston Laboratory, of 1,829 examinations. This increase was especially noted in the bacteriological and chemical sections.

At the Fort William Branch Laboratory, due to the illness of Dr. A. E. Allin, Major S. F. Penny was seconded to the Department of Health from the R.C.A.M.C. There was some decrease in the total number of specimens examined, but this was due to the cessation of serological testing of Red Cross Blood Donor specimens. The subsidized laboratories at the Belleville General Hospital and the St. Catharines General Hospital have continued to render a worthwhile service.

At the Central Laboratory the training of Army technicians has continued during the year and 126 members of the Armed Forces have completed twelve weeks training in the laboratory. The students were very enthusiastic and are now serving both in Canadian and Overseas Army Hospitals.

The laboratory service has suffered a great loss in the passing of Dr. E. P. Johns, Professor of Pathology, Western University, London. During the four years Dr. Johns was associated with the Department he endeared himself to all with whom he worked.

The year has been one in which the staff have borne heavy duties, especially due to the extra time spent in training army laboratory technicians.

I much appreciate the beneficial assistance given me by my associates in the Central Laboratory and the gracious help from the various members of the Branch Laboratory staffs. Dr. A. J. Slack, Dean, Faculty of the Faculty of Public Health, Western University and Professor James Miller, Queen's University, Kingston, as in the past, have co-operated most whole-heartedly. I also wish to thank the Minister of Health, Honourable R. P. Vivian, M.D., and the Acting Deputy Minister, Dr. J. T. Phair, for their sympathetic and kindly consideration. They have made the task of administering the Division of Laboratories much easier than it would be possible otherwise.

Following is an outline of the work conducted by the Division of Laboratories during the year 1944 and notes from Dr. M. C. Dinberg, Pathologist, and Mr. A. R. Bonham, B.A.Sc., F.C.I.C., Provincial Analyst, as well as a note from each Branch Laboratory Director:

Table I lists the number and nature of outfits distributed by the General Laboratory during the year 1944.

TABLE I
OUTFITS DISTRIBUTED AT THE CENTRAL
LABORATORY DURING 1944

Wassermann.....	245,663
Gonococcus Smears.....	28,503
Non-Protein Nitrogen.....	5,282
Miscellaneous.....	6,932
Spinal Fluids.....	5,157
Dark Fields.....	3,620
Disease Gonorrhoea Culture.....	4,363
Chemistry.....	347
Restaurant.....	223
Beverage Room.....	75
Pin Worm.....	2,267
Diphtheria Swabs.....	7,740
Sputum.....	41,171
Blood Sugar.....	22,143
Feces.....	5,422
Combined Bloods.....	3,572
Whole Bloods.....	2,570
Undulant Fever.....	182
Streptococcus.....	1,939
Pathological.....	9,481
Water Bottles (with containers).....	9,487
Bacteriological Water Bottles (without containers).....	3,073
	409,212

Table II lists the media, stains and solutions prepared during the year 1944 at the Central Laboratory.

TABLE II
MEDIA, STAINS, ETC., PREPARED, 1944

Liquid Media.....	3,123 litres
Solid Media.....	2,486 "
Stains.....	946 "
Saline.....	2,846 "
Plates.....	79,282
Egg Media Tubes.....	100,210
Bottles for Feces Outfits.....	20,164
Bottles for Blood Cultures.....	2,840
Wax Ampoules for Dark Fields.....	1,768
Laked Blood Tubes for G.C. Outfits.....	12,172

MILK AND WATER MEDIA, 1944

Brilliant Green.....	1,350 litres
Red Bile Agar.....	120 "
Triple Sugar.....	62 "
Tryptone Agar.....	272 "
Nutrient Agar.....	28 "

Table III lists the number and nature of examinations conducted at each of the Divisional Laboratories.

TABLE III—Continued
 DIVISION OF LABORATORIES—DEPARTMENT OF HEALTH, ONTARIO
 TOTAL VOLUME OF WORK PERFORMED BY THE DIVISIONAL LABORATORIES FOR THE YEAR OF 1944

TYPE OF SPECIMEN	Tor-onto	Lon-don	Ot-tawa	Fort Wil-liam	Rich. Lab. King-ston	North Bay	Peter-boro	Sault Ste. Marie	Ensol King-ston	Belle-ville	St. Cath-arines	Total
Infectious Mononucleosis—Heterophile Antibody	251	99	38	160	30	2	136	22	51		80	471
Blood Cultures	3405	1136	533	160	170	158			246			6046
Penicillin Sensitivity Tests	21											21
Feces Examinations—Cultural Examinations	4739	814	333	137	143	196	31	9	434		64	6900
Parasitic Ova	1070	102	375	28	112	112	4	9	18		8	1722
Occult Blood	56	42	9	12	9	7			25		33	204
Milk—Standard Plate Counts	5816	5870	4874	3863	1449	2093	878	1468	605		5	26921
B. Coli Counts	5817	3073	4874	1285	1171	2093	862	603	656		5	20439
Phosphatase	3689	3054	4622	828	808	1012	566	491	534			15604
Butterfat Determinations	3997	3772	4119	831	206	1236	674	598	373			15806
Mastitic Tests	77	22	58			792	5	3				957
Other Tests	65	1026	9683	12	81	2		33				10902
Ice Cream—Plate Counts		73	27									100
B. Coli Counts		73	27									100
Phosphatase												27
Butterfat Determinations		34	27									61
Water—Standard Plate Counts	1231	964	2006		1213	17		48			292	5771
B. Coli Counts	10573	3503	783	4184	1194	2628	1082	4476	477		573	29473
Swimming Pools—Standard Plate Counts		41	58				52					151
B. Coli Counts		71	58			19		7				155
Carbonated Beverages—B. Coli Counts		12	307					4				323
Bact. Plate Counts		12	307					4				323
Food Examinations	144	2				9						155
Restaurant and Beverage Room Utensils	314	527	3791	41	38	142	22					4875
Germicidal Tests			101									101
Sterility Tests	203		55	187		2		9			14	470
NUMBER OF EXAMINATIONS FOR THE YEAR	133915	45244	51486	21189	10854	22998	6099	10182	6833	6574	2953	318327
GONORRHOEA—Microscopic Smears	22040	5542	6198	3636		2975	1609	846	4729	1283	978	49836
Cultural Examinations	5044	1280	1208	699		175	31	128	2021	169	96	10851
Complement Fixation	505	71		16					6			598
NUMBER OF EXAMINATIONS FOR THE YEAR	27589	6893	7406	4351		3150	1640	974	6756	1452	1074	61285

TABLE III—Continued
 DIVISION OF LABORATORIES—DEPARTMENT OF HEALTH, ONTARIO
 TOTAL VOLUME OF WORK PERFORMED BY THE DIVISIONAL LABORATORIES FOR THE YEAR OF 1944

TYPE OF SPECIMEN	Tor-onto	Lon-don	Ot-tawa	Fort Wil-liam	Rich. Lab. King-ston	North Bay	Peter-boro	Sault Ste. Marie	Ensol King-ston	Belle-ville	St. Cath-arines	Total
Psittacosis (Birds).....	15											15
Psittacosis (Human Blood).....	1											1
NUMBER OF EXAMINATIONS FOR THE YEAR.....	66											66
PATHOLOGY—Surgical.....	8366	1907			3003		1052			1465	2060	17853
Autopsy.....	71	15					271	15		19	61	452
Blood Smears.....	210	22			34		2	332		2972	298	3870
NUMBER OF EXAMINATIONS FOR THE YEAR.....	8647	1944			3003	34	1325	347		4456	2419	22175
Blood Groupings.....		64		1684			4954	219		1645	590	9156
Aschheim-Zondek.....	135	19						40		31		225
NUMBER OF EXAMINATIONS FOR THE YEAR.....	135	83		1684			4954	259		1676	590	9381
CHEMISTRY—Blood Sugar.....	18232	3318	1113	272		497	403	983	854	774	509	26955
Non Protein Nitrogen.....	3082	724		109		79		12	161	162	251	4580
Water.....	261	32	6					417	1934			2650
Miscellaneous.....	7328	201	90	101		67	149	1869		187	156	10148
Coal—Calorific Value.....	59											59
Moisture.....	81											81
Ash.....	71											71
Volatile.....	22											22
Liquors—Alcohol.....	1393											1393
Beers.....	224											224
Spirits.....	479											479
Wines.....	413											413
NUMBER OF EXAMINATIONS FOR THE YEAR.....	31645	4275	1209	482		643	552	3281	2949	1123	916	47075
GRAND TOTAL OF EXAMINATIONS FOR THE YEAR.....	447794	132411	122529	45035	13965	47558	18235	15579	61828	16230	15180	936344

TABLE III—Continued

DIVISION OF LABORATORIES—DEPARTMENT OF HEALTH, ONTARIO
TOTAL VOLUME OF WORK PERFORMED BY THE DIVISIONAL LABORATORIES FOR THE YEAR OF 1944

TYPE OF SPECIMEN	Tor-onto	Lon-don	Ot-tawa	Fort Wil-liam	Rich. Lab. King-ston	North Bay	Peter-boro	Sault Ste. Marie	Ensol King-ston	Belle-ville	St. Cath-arines	Total
DIAGNOSTIC OUTFITS DISTRIBUTED:												
Wassermann.....	245663	52278	36031	10903	18744	12798	2313	3073		4338	5175	
Gonococcus Smears.....	28503	5804	6515	3117	3058	3248	1525	229		812	1053	
Non Protein Nitrogen.....	5282	833	354	134	186	116	121	108		294	140	
Pin Worm.....	2267	186	452		93	197	5			36	6	
Miscellaneous.....	6932	888	926	40	281	504	199	86		444	147	
Dark Field.....	3620	231	145	40	25	105	2	18		131	38	
Cows' Blood.....		196										
Spinal Fluids.....	5157	431	486	23	121	218	126	92		242	105	
Gonococcus Cultures.....		798	947	658	45	128	6	128		203	170	
Blood Cultures.....	3572	475	286	133	56	130	92	32		170	61	
Whole Bloods.....	2570	308	518	40	19	76	45	13		81	39	
Restaurant.....	223	392		4		23						
Beverage Room.....	75	138		13		26						
Pathology.....	9481	985	325	205	323	619	104	353		99	680	
Bacteriological Water Bottles—												
With Containers.....	9487	1596	1042	1042	556	873	953	428		477	366	
Without Containers.....	3073	4495	8624	7907	63	2699	60	4463		28		
Diphtheria.....	7740	1854	2246	2846	3310	5558	342	548		559	246	
Sputum.....	41171	4279	3282	2691	2361	1600	294	231		478	390	
Blood Sugars.....	22143	4157	1484	302	377	581	386	1280		767	313	
Feces.....	5422	982	775	146	76	253	28	16		300	157	
Streptococcus.....	1939	216	308				146			145	51	
Special Serological.....		830										
Experimental.....		14				86		1				
Sterile Swabs.....		9000										
Disease—Gonorrhoea Culture.....	4363											
Chemistry.....	347											
Undulant Fever.....	182											
Total.....	409212	82366	73746	30244	29649	29755	6747	11099		9604	8967	

Tables IV and V indicate the nature of diagnostic facilities utilized by the R.C.A.F. and Canadian Army, respectively. The Divisional Laboratories conducted 67,926 examinations for the R.C.A.F. and 151,206 for the Canadian Army.

TABLE IV

ONTARIO DEPARTMENT OF HEALTH—DIVISION OF LABORATORIES
VOLUME AND PERCENTAGE OF EXAMINATIONS PERFORMED FOR THE
ROYAL CANADIAN AIR FORCE—1944

Nature of Examination	Total Number of Examinations Performed by the Central Laboratory	Total Number of Examinations Performed for the Air Force	Percent
Bacteriological.....	161,705	15,161	9.38
Pathological.....	8,647	330	3.81
Serological.....	245,797	17,323	7.05
Chemical.....	31,645	819	2.58
Total Number of Examinations done by Central Laboratory.....	447,794	33,633	7.06
Total Number of Examinations done by Branch Laboratories.....	488,550	34,293	7.02
Total Number of Examinations done by Division of Laboratories.....	936,344	67,926	7.25

TABLE V

ONTARIO DEPARTMENT OF HEALTH—DIVISION OF LABORATORIES
VOLUME AND PERCENTAGE OF EXAMINATIONS PERFORMED FOR THE
ARMY—1944

Nature of Examinations	Total Number of Examinations Performed by the Central Laboratory	Total Number of Examinations Performed for the Army	Percent
Bacteriological.....	161,705	17,343	10.72
Pathological.....	8,647	790	9.13
Serological.....	245,797	59,312	24.13
Chemical.....	31,645	1,937	6.12
Total Number of Examinations performed by the Central Laboratory.....	447,794	79,382	16.25
Total Number of Examinations performed by the Branch Laboratories.....	488,550	71,824	14.07
Total Number of Examinations performed by Division of Laboratories.....	936,344	151,206	16.14

The following Tables indicate some of the diagnostic procedures conducted at the Central Laboratory:

Diphtheria:

Table VI indicates the number of swabs submitted to the Central Laboratory for the examination of *C. diphtheriae*. When a swab is submitted it is cultured on Loeffler's slant and Chocolate Tellurite slant for the isolation of *C. diphtheriae*, and on gentian violet blood plate for the isolation of hemolytic streptococcus. Further cultural work is carried out on specimens showing *C. diphtheriae* to determine whether the organism is *gravis*, *mitis*, or intermediate type. During the autumn an outbreak of diphtheria occurred in the Sudbury District in which many of the strains isolated belonged to the intermediate type.

TABLE VI
DIPHtheria CULTURE AND VIRULENCE TESTS ON NOSE AND THROAT SWABS, 1944

CULTURES			VIRULENCE TESTS			
Positive	Negative	Total	Positive	Negative	Failed to Isolate	Total
1,151	10,442	11,593	337	355	185	877

Table VII shows the cultural examination of specimens from personnel of the R.C.A.F., Canadian Army, Navy and civilian population. It is noted that the Navy and civilian population showed a much higher percentage of positives than the Army or R.C.A.F.

TABLE VII
CULTURAL EXAMINATION RESULTS OF *C. DIPHTHERIAE*, 1944

	Number of Cultures Examined	Number Positive	Per Cent Positive	Number Negative
Air Force.....	1,215	27	2.22	1,188
Army.....	1,569	78	4.97	1,491
Navy.....	770	104	13.50	666
Civilian Population.....	8,039	942	11.71	7,097

NOTE: These positive smears include typical and atypical diphtheria bacilli.

Table VIII gives the result of virulence tests conducted on *C. diphtheriae* organisms. Of 877 toxicity tests conducted, 337 were positive.

TABLE VIII
TOXICITY TESTS FROM FIELD ON PURE CULTURES ON ORGANISMS WITH
TYPICAL OR ATYPICAL MORPHOLOGICAL CHARACTERISTICS
OF *C. DIPHThERIAE*, 1944

	Number of Toxicity Tests Done	Number Positive	Number Negative	Failed to Isolate
Air Force.....	27	0	20	7
Army.....	60	20	22	18
Navy.....	82	22	43	17
Civilian Population.....	708	295	270	143
Total.....	877	337	355	185

Tuberculosis:

In Table IX of 21,931 specimens submitted for examination for the presence of tubercle bacilli, 7.01 per cent were positive on smear.

TABLE IX
TUBERCULOSIS, 1944

Microscopic Smear Examination Results for the Presence of Tubercle Bacilli

Number Examined	Number Positive	Per Cent Positive	Number Negative	Per Cent Negative
21,931	1,539	7.01	20,392	92.98

Table X shows the result of cultural examination of tubercle bacilli on 10,850 specimens. 6.37 per cent of those examined showed a growth of tubercle bacilli. Specimens other than sputa submitted for examination are examined both by cultural and animal inoculation tests.

TABLE X
CULTURAL EXAMINATIONS FOR TUBERCLE BACILLI
November 1, 1943–October 31, 1944

TYPE OF SPECIMEN	Number of Specimens	POSITIVE AT		Total Positive	Negative	Per Cent Positive
		4 Weeks	8 Weeks			
Sputa.....	8,434	236	289	525	7,909	6.22
Pleurals.....	416	24	31	55	361	13.22
Urines.....	782	43	20	63	719	8.05
Left Kidney.....	350	1	2	3	347	.85
Right Kidney.....	359	3	4	7	352	1.95
Glands.....	69	3	1	4	65	5.79
Pus.....	133	8	5	13	120	9.79
Joints.....	122	2	1	3	119	2.46
Miscellaneous.....	185	3	5	8	177	4.32
Total.....	10,850	323	358	681	10,169	6.37

Table IX is a comparison of cultural examinations and guinea-pig inoculation tests. It is to be noted that in the specimens of pleural fluids, if one test only is relied upon, a number of false negative results will be obtained.

TABLE XI
COMPARATIVE STUDY OF CULTURAL AND ANIMAL INOCULATION
TESTS FOR TUBERCLE BACILLI

SPECIMEN	Total Number Pigs	GUINEA PIGS		CULTURES	
		Negative	Positive	Culture Positive Pig Negative	Culture Negative Pig Positive
Sputa.....	33	28	5	0	0
Urine.....	216	177	39	5	1
Left Kidney.....	79	77	2	0	1
Right Kidney.....	79	70	9	1	3
Pleural.....	312	268	44	13	11
Joints.....	73	70	3	0	1
Pus.....	52	43	9	0	2
Spinal.....	136	124	12	0	1
Gland.....	26	23	3	0	1
Miscellaneous.....	62	56	6	2	1
Gastric.....	443	422	21	0	0
Total.....	1,511	1,358	153	21	22

Pneumonia:

Table XII shows the result of Neufeld typing for the presence of pneumococcus on 2,273 specimens. In the Central Laboratory type sera from types 1 to 40 and group sera, are maintained whilst in the Branch Laboratories types 1 to 5 and the various groups are maintained. Branch Laboratories submit to the Central Laboratory for typing specimens which do not fall into the first five types.

TABLE XII
NEUFELD TYPING FOR PRESENCE OF PNEUMOCOCCI ON VARIOUS
TYPES OF SPECIMENS, 1944

Pneumococcus Types	Sputum	Pleural Fluids	Cerebro-Spinal Fluid	Throat Swabs	Ear Swabs	Mastoid Swabs	Eye Swabs	Miscellaneous	Total
1.....	46	21	1	...	2	...	2	1	73
2.....	46	6	...	...	...	...	...	...	52
3.....	67	4	2	3	3	...	...	1	80
4.....	49	2	...	...	...	...	...	...	51
5.....	19	5	2	...	...	1	...	3	30
6.....	38	4	...	...	...	...	...	1	43
7.....	42	1	5	...	...	...	...	2	50
7B.....	6	...	...	...	...	...	...	...	6
8.....	33	3	1	...	...	...	...	1	38
9.....	41	2	...	1	...	...	...	...	44
10.....	16	...	...	...	...	...	...	...	16
10A.....	10	...	1	...	...	...	...	...	11
11.....	17	2	...	...	...	...	...	...	19
11A.....	15	...	...	...	...	...	...	...	15
12.....	15	5	1	...	...	...	...	...	21
13.....	36	...	...	1	...	...	...	1	38
14.....	16	...	1	...	...	...	...	1	18
15.....	11	...	...	...	...	...	...	...	11
16.....	13	...	...	...	...	...	...	...	13
17.....	21	...	...	...	...	...	...	1	22
18.....	18	5	...	...	...	...	...	...	23
18A.....	14	3	...	...	...	...	...	1	18
19.....	34	1	1	1	...	...	1	...	38
20.....	27	1	...	...	...	...	...	...	28
21.....	4	...	...	...	...	...	...	1	5
22.....	24	1	...	...	...	...	...	...	25
23.....	12	...	...	...	...	...	...	3	15
23A.....	5	...	...	...	...	...	...	...	5
24.....	6	...	...	...	...	...	...	...	6
24A.....	6	...	...	...	...	...	...	...	6
25.....	6	...	...	...	...	...	...	...	6
26.....	12	...	...	...	...	...	...	...	12
27.....	3	...	...	...	...	...	...	...	3
28.....	20	...	...	1	...	...	...	1	22
29.....	15	...	...	...	...	...	...	...	15
30.....	6	...	...	...	...	...	...	...	6
31.....	21	...	...	...	...	...	...	3	24
32.....	21	...	...	2	...	...	...	...	23
33.....	8	...	...	...	...	...	...	...	8
34.....	15	1	...	...	...	...	...	...	16
35.....	22	1	...	...	...	...	...	1	24
35A.....	14	...	...	1	...	...	...	...	15
36.....	4	...	...	...	...	...	...	2	6
37.....	1	...	...	...	...	...	...	...	1
38.....	3	...	...	1	...	...	...	...	4
39.....	8	...	...	...	...	...	...	...	8
40.....	8	...	...	...	...	...	...	...	8
Multiple.....	83	...	...	...	...	...	...	...	83
Undetermined.....	21	...	...	...	...	1	2	...	24
Negative.....	1,122	4	1	2	5	...	2	9	1,145
Total.....	2,120	72	15	14	10	2	7	33	1,273

Fungus:

Table XIII shows the results of cultural examination of 325 specimens for fungus.

TABLE XIII
FUNGUS CULTURES, 1944

TYPE OF SPECIMEN	Negative	Yeast-like Fungi	Aspergillus	TRICHOPHYTON		Microsporidium Lanosum	EPIDERMOPHYTON		Total
				Gypsum	Niveum		Purpureum	Floccosum	
Sputa.....	78	86	7	...	...	...	...	...	17
Nails.....	41	11	...	7	...	...	1	...	60
Scales of Skin...	121	11	...	5	1	...	2	1	141
Hair.....	15	...	...	1	...	3	...	...	19
Miscellaneous...	26	8	...	...	...	...	...	...	34
	281	116	7	13	1	3	3	1	325

Actinomycosis:

Table XIV records the examination of 59 specimens for actinomyces. In 16 of these actinomyces was present on smear. Cultures were only positive in nine instances.

TABLE XIV
ACTINOMYCES SMEAR AND CULTURE, 1944

TYPE OF SPECIMEN	Negative	Smears Positive	Culture Positive
Neck.....	10	4	3
Pleural Fluid.....	2	6	2
Face.....	6	1	1
Sputum.....	8	1	..
Miscellaneous.....	8	4	3
Total.....	34	16	9

Table XIV (a) records the isolation of actinomyces from various specimens for the past three years.

TABLE XIV (a)
ACTINOMYCES CULTURE

YEAR	Smear Positive	Culture Negative	Culture Positive
1942.....	..	28	7
1943.....	..	38	6
1944.....	16	34	9

Haemolytic Streptococcus:

Table XV indicates the number and type of specimens examined for group differentiation of haemolytic streptococcus. The great majority of these belong to Group A. Dr. James Bell is working on the preparation of type sera for the differentiation of the various types in Group A.

TABLE XV
HAEMOLYTIC STREPTOCOCCUS, 1944

Group Differentiation of Haemolytic Streptococcus from Various Sources

SOURCE	GROUP						Undetermined
	A	B	C	D	E	F	
Throat.....	329	18	3	1	1	3	1
Nose.....	14	1	..	..	..	..	..
Ear and Sinus.....	16	1	..	..	..	..	..
Spinal Fluid.....	3	..	..	..	..	..	..
Blood.....	7	..	..	..	..	..	..
Genital Tract.....	5	3	..	1	..	..	..
Pleural Fluid.....	1	1	..	..	..	..	..
Eye.....	..	..	1	..	..	..	..
Dairy Products.....	2	1	..	..	..	..	1
Abscesses and Skin Infections.....	15	..	1	..	..	..	1
Total.....	431—	392	25	5	2	1	3

Blood Culture:

Table XVI gives the result of blood cultural examination of 3,405 specimens. 2.56 per cent showed a growth of pathogenic organisms.

TABLE XVI
BLOOD CULTURE, 1944

Haemolytic Streptococcus.....	9
Streptococcus Viridans.....	22
Haemolytic Staphylococcus Aureus.....	53
Salmonella typhi.....	27
S. Paratyphi B.....	5
S. Newport.....	1
Pneumococcus—Type I.....	1
Type VII.....	1
Type VIII.....	1
Type XXVI.....	1
Total Positives.....	121
Total Negatives.....	3,284
TOTAL EXAMINATIONS.....	3,405

Penicillin Sensitivity:

In Table XVII 21 organisms were subjected to penicillin sensitivity tests. These organisms were isolated from patients' blood.

TABLE XVII
PENICILLIN SENSITIVITY TESTS ON ORGANISMS ISOLATED
FROM PATIENTS' BLOOD

TYPE OF ORGANISM	SENSITIVE TO LESS THAN			More than 0.5 of a unit
	0.062 of a unit	0.125 of a unit	0.5 of a unit	
Haemolytic Staphylococcus Aureus	7	4	3	..
Haemolytic Streptococcus	1	3	1	..
Streptococcus Viridans . . . . .	..	..	1	..
Pneumococcus Type VII . . . . .	..	..	1	..

Enteric Disease:

18,870 examinations were conducted on blood specimens for the diagnosis of enteric disease. 6.7 per cent showed a positive agglutination for *S. typhi* and 2.8 per cent for *Brucella abortus*.

TABLE XVIII
MACROSCOPIC AGGLUTINATION TESTS, 1944

TEST	Number Positive	Number Negative	Per Cent Positive
<i>S. typhi</i> "H" and "O"	205	3,057	6.705
<i>S. paratyphi</i> A	0	3,057	.....
<i>S. paratyphi</i> B	13	3,057	0.425
Salmonella reactions	787	3,057	25.744
<i>S. typhi</i> Vi	0	138	.....
<i>Br. abortus</i>	86	3,057	2.813
<i>P. tularensis</i>	5	3,057	0.167
<i>Br. melitensis</i>	0	14	.....
<i>Sh. paradysenteriae</i>	0	88	.....
<i>Sh. dysenteriae</i> Shiga	0	14	.....
<i>B. proteus</i>	0	23	.....
Infectious mononucleosis	17	251	6.773
Total Number Positive	1,113	.....	5.898
Total Number Negative	17,757	.....
Total Number of Examinations	18,870	.....

Table XIX shows the result of cultural examination of feces specimens. 6.8 per cent showed the presence of pathogenic organisms.

TABLE XIX
ENTERIC DISEASES, 1944
Faeces Culture

ORGANISM ISOLATED	Number Positive
S. typhi.....	95
S. paratyphi B.....	17
S. typhi-murium.....	28
S. bareilly.....	3
S. newport.....	35
S. bredeney.....	1
S. montevideo.....	1
S. derby.....	1
Sh. paradysenteriae Flexner.....	12
Sh. paradysenteriae Sonne.....	35
Sh. paradysenteriae, other types.....	4
Number Positive.....	232
Number Negative.....	4,506
Number Examined.....	4,738

Table XX indicates the result of the examination of 1,068 specimens for the identification of ova of enterobius vermicularis. 7.1 per cent were positive.

TABLE XX
ENTERIC DISEASES, 1944
EXAMINATION FOR OVA OF ENTEROBIUS VERMICULARIS

	Submitted	Positive
Anal Swabs.....	990	147
Feces.....	78	2
Number Positive.....	149	
Number Negative.....	919	
Number Examined.....	1,068	

Table XXI shows the result of cultures submitted for identification from other laboratories.

TABLE XXI
CULTURES SUBMITTED FOR IDENTIFICATION FROM OTHER
LABORATORIES, 1944

IDENTIFICATION	Number	Per Cent
<i>S. typhi</i>	25	8.090
<i>S. paratyphi B.</i>	9	3.273
<i>S. typhi-murium</i>	17	6.182
<i>S. bareilly</i>	1	0.364
<i>S. newport</i>	3	1.092
<i>S. Moscow</i>	1	0.364
<i>S. oranienburg</i>	1	0.364
<i>S. brandenburg</i>	1	0.364
<i>S. derby</i>	1	0.364
<i>S. bredeney</i>	2	0.727
<i>S. montevideo</i>	1	0.364
<i>S. cholerae suis</i>	15	5.464
<i>Sh. paradysenteriae Flexner</i>	7	2.556
<i>Sh. paradysenteriae Sonne</i>	16	5.827
<i>Sh. paradysenteriae—Other types</i>	3	1.092
<i>Sh. alkalescens</i>	10	3.637
<i>B. coli</i>	5	1.818
<i>B. proteus</i>	31	11.272
<i>S. columbensis</i>	13	4.730
<i>B. morgani</i>	26	9.465
<i>B. alkaligenes</i>	2	.727
<i>Staphylococcus aureus</i>	1	.364
Non-haemolytic streptococcus.....	1	.364
Late lactose fermenting coli-form organisms.....	31	11.272
Non-pathogens.....	52	18.908
Number Examined.....	275	

Table XXII indicates the various types of *S. typhi* isolated from fecal specimens.

TABLE XXII
ENTERIC DISEASES, 1944
Typing of *S. typhi* Strains

Type A	Type C	Type E	Type F	Type G	Type J	Beta Form	Gamma Form	Total
2	49	23	10	1	1	4	47	137

Nurseries:

Table XXIII shows the types of specimens received from nurseries in maternity units. Investigations were carried out by Dr. W. B. McClure in nurseries and maternity units in six hospitals. In four hospitals epidemics of acute infectious intoxication occurred in new-born infants. In one hospital new-born infants were affected with impetigo. Puerperal sepsis occurred in a severe form in one hospital and was due to haemolytic streptococcus Type fourteen. Two papers were published during the year: "Infant Care in Nurseries for the New-born" and "Puerperal Infection due to Haemolytic Streptococcus Group A (Type 14)."

TABLE XXIII

NURSERY AND MATERNITY UNIT—EPIDEMICS, 1944

Types of Specimens Received from Nurseries and Maternity Wards

Faeces	Skin	Nose and Throat	Perineal Pads	Miscellaneous
66	8	55	50	14

Spinal Fluid:

Table XXIV shows the result of bacteriological examination of 1,216 specimens of spinal fluid, 28 specimens of which were positive for meningococcus.

TABLE XXIV

BACTERIOLOGICAL SPINAL FLUIDS, 1944

MENINGOCOCCUS:	
Culture Positive, Smear Positive.....	17
Culture Positive, Smear Negative.....	1
Culture Negative, Smear Positive.....	10
	— 28
PNEUMOCOCCUS:	
Smear and Culture Positive—Type I.....	1
" III.....	4
" IV.....	1
" V.....	4
" VII.....	6
" VIII.....	1
" XII.....	1
" XIV.....	1
" XVIII.....	3
" XXXII.....	1
	— 23
HAEMOLYTIC STREPTOCOCCUS:	
Smear and Culture Positive.....	9
HAEMOPHILUS INFLUENZA:	
Smear and Culture Positive.....	6
HAEMOLYTIC STAPHYLOCOCCUS AUREUS:	
Smear and Culture Positive.....	1
TUBERCLE BACILLI:	
Direct Smear Positive.....	4
Culture Positive.....	2
Animal Inoculation Positive.....	7
	— 13
Specimens Positive on Smear or Culture.....	80
Cells Increased, Cultures showed no Growth.....	257
Cells not Increased.....	879
	—
Number of Specimens Examined.....	1,216

Syphilis:

Table XXV shows the result of serological tests for syphilis conducted on 478,035 specimens submitted. The method of testing blood samples and the diagnostic procedures are similar to those outlined in the Annual Report of 1942, with the exception of the Mazzini slide test, which is also being done at the present time.

TABLE XXV

SYPHILIS, 1944

478,035 Specimens examined by the Division of Laboratories for the Civilian Population,
Red Cross, Industrial, and Armed Forces

LOCATION	Volume	Army	Air Force	Navy	Red Cross	Industrial
Toronto (Central).....	245,797	59,312	17,323	.....	93	21,430
London.....	72,972	15,932	8,419	503	2,683	3,297
Ottawa.....	62,428	12,714	7,639	401	.....	.....
Fort William.....	17,329	403	57	242	978	543
Richardson, Kingston.....	108	91	8	.....	.....	.....
North Bay.....	20,733	1,078	51	.....	.....	7,056
Peterborough.....	3,665	289	.....	.....	766	.....
Sault Ste. Marie.....	536	.....	.....	.....	.....	.....
Kingston, Barrie St.....	45,290	16,849	5,272	973	.....	.....
Belleville.....	949	.....	10	.....	.....	.....
St. Catharines.....	7,228	822	284	.....	.....	974
Total for Division of Laboratories	478,035	107,490	39,063	2,119	4,520	33,300
Total for Branch Laboratories....	232,238	48,178	21,740	2,119	4,427	11,870

Virus:

Dr. Labzoffsky has continued the work on virus infections at the Virus Laboratory, 999 Queen Street West. Sixty-six specimens have been examined, as shown in Table XXVI. The virus of pneumonia was isolated from two specimens and the virus of lymphocytic choriomeningitis was isolated from three specimens. No human or avian psittacosis was found. Nine thousand bird bands were distributed throughout the province to the breeders of psittacine birds. Further work has been done on the antigen of equine encephalomyelitis, St. Louis encephalomyelitis and lymphocytic choriomeningitis, for complement fixation test. In the case of equine encephalomyelitis, antigen prepared from infected chick embryo was found to be superior to that made from infected brain tissue.

TABLE XXVI

NUMBER AND TYPE OF SPECIMEN EXAMINED FOR VIRUS INFECTION

TYPE OF SPECIMEN	Number Submitted	Number Negative	Number Positive
Small Pox.....	2	2	..
Hodgkins Disease.....	2	2	..
Virus Pneumonia.....	20	18	2
Monilia.....	1	1	..
Lymphocytic Choriomeningitis.....	15	12	3
Rabies.....	5	5	..
Jaundice.....	5	5	..
Psittacosis (human blood).....	1	1	..
Psittacosis (birds).....	15	15	..
Total.....	66	61	5

Pathology:

Table XXVII indicates the number and type of pathological specimens examined during the year 1944.

TABLE XXVII
PATHOLOGICAL TISSUE EXAMINATIONS FOR 1944

	Number Specimens	Number Malignant	Per Cent Malignant
Surgical.....	8,366	.....	.....
Blood Smears.....	210	.....	.....
Autopsies.....	71	.....	.....
Total.....	8,647	587	6.7

Chemistry:

Table XXVIII shows the character and amount of medicinal products prepared in the chemical section in the year 1944.

TABLE XXVIII
MEDICINAL AND OTHER PRODUCTS PRODUCED IN CHEMISTRY, 1944

Bismuth Oxichloride—10 grains.....	23,448 ampoules
Bismuth Oxichloride—2 grains.....	55,248 ampoules
Mercury Salicylate—5 grains.....	1,440 ampoules
Sterile distilled water—20 cc. ampoules.....	32,294
Ordinary distilled water.....	1,344½ gallons
Silver Nitrate solution—½ oz. dropper bottles.....	3,265
Colloidal Gold.....	138 litres

PATHOLOGY SECTION

M. C. DINBERG, M.D., *Provincial Pathologist*

I have the honour to submit a report of the work done during the year 1944 in the Pathology Section of the Central Laboratory.

The total number of specimens examined was 8,647 as compared to 7,182 for the year 1943.

A paper on "Benzene Poisoning" was presented at the Canadian Public Health Association Annual Meeting.

Grateful acknowledgment is given for the co-operation received from consultants Professor W. L. Robinson, Professor James Miller and Dr. E. A. Linell, during the past year. The advice and counsel of Dr. A. L. MacNabb, Director, has been deeply appreciated.

CHEMISTRY SECTION

A. R. BONHAM, B.A.Sc., F.C.I.C., *Chief Provincial Analyst*

There was an appreciable increase in the number of blood specimens tested in the Chemical Section of the Central Laboratory during 1944, as compared with the preceding year. For example, blood sugars and non-protein nitrogens increased 13.9 and 10.8 per cent respectively. Also there were 7.8 per cent more chemical miscellaneous specimens during the same period. These consist chiefly

of bloods to be tested for sulphonamide drugs, urea, uric acid, protein, Van den Bergh, phosphorus, calcium, sodium, potassium, cholesterol, phosphatase, carbon monoxide, etc., and urines.

The number of chemical waters more than doubled during the year, which was due to the testing of waters from various sections of Ontario to determine their content of fluorine. This work was undertaken to assist in the investigation concerning the relation of fluorine to the prevention of tooth decay, undertaken by Dr. H. Box of the Faculty of Dentistry, University of Toronto, and the Division of Dental Services of the Department.

As in the past years this section was responsible for the analysis of liquors submitted by the Liquor Control Board of Ontario as well as those seized by the Police. A comparison of the number tested during the immediate past two years shows that there was an increase in 1944 due to the analysis of 20.7 per cent more samples of wine and 23.7 per cent more specimens of beer.

The only branch of analytical work in which there was a decrease during 1944 was with respect to the analysis of coal from government institutions, of which there was about one-half the number of samples tested as in the preceding year.

Of the medicinal and other products produced in the section, there was little change in the total volume of work since the decrease in the number of ampoules of bismuth oxychloride manufactured was offset by a greater production, both of ampoules of sterile distilled water and of bottles of silver nitrate solution.

Table III shows a summary of the specimens tested during 1944 while in Table XXVIII the character and amounts of medicinal products prepared in the Chemical Section in 1944.

BELLEVILLE GENERAL HOSPITAL BRANCH LABORATORY

J. B. MCKAY, M.D., *Director*

I have the honour to submit herewith the Annual Report covering examinations made during the past year.

My appreciation is extended to the Director and his staff of the Central Laboratory for their valuable assistance to this laboratory during the year 1944.

I am particularly indebted to Professor James Miller and Doctor W. L. Robinson for invaluable consultation service in pathology.

FORT WILLIAM BRANCH LABORATORY

S. F. PENNY, MAJOR, R.C.A.M.C., *Acting Director*

I have the honour to submit herewith the Annual Report of the Fort William Branch Laboratory for 1944.

The year has been marked by the unfortunate absence of the Director, Dr. A. E. Allin, who, on February 15th, 1944, was forced to take sick leave for the remainder of the year. His position was filled temporarily by Mr. A. B. Lamb and on April 1st Major S. F. Penny became Acting Director of the Laboratory, having been seconded to the Ontario Department of Health from the R.C.A.M.C.

A distinct loss to the staff was felt in the sudden death in March of Mr. John Ferguson. He had rendered valuable technical service to the Laboratory

for eight years. Miss Kathleen O'Shea, who was an efficient Clerk-Stenographer in the Laboratory for three and a half years was married and resigned in November.

Miss Muriel Weaver and Miss June Wickstrom were added to the technical staff and Miss Beatrice Marten and Miss Isabelle Gibb to the office staff during the year.

The routine examinations numbered 45,035, a considerable decrease over the 1943 figure, but this decrease can be entirely accounted for by the cessation of serological testing and typing of Red Cross blood donor specimens during the year. Specimens examined for the armed services totaled 1,082, for industry 561, and Red Cross 2,802. As in previous years, the staff contributed greatly to the work of the local Red Cross Blood Donor Clinic, and the preparation and sterilization of the equipment for the Fort William, Dryden and Geraldton Clinics was done in this Laboratory. These clinics have shown a great increase in volume in 1944.

During the year, 30,244 diagnostic outfits were prepared and issued, and 4,895 biological products and 2,029 vials of insulin were distributed. The volume of these services show a distinct increase over 1943.

No major epidemics appeared in the district during the year, but a small outbreak of diphtheria among the Indians in the Central Patricia area was studied by the laboratory.

I wish to express my appreciation of the constant assistance of Dr. MacNabb and his staff and also of the loyal co-operation of the personnel of this Laboratory through a trying period of staff changes.

BARRIE STREET BRANCH LABORATORY, KINGSTON

J. H. ORR, M.D., *Director*

I have the honour to submit a report of examinations made in the Barrie Street Laboratory, Kingston, for the year 1944.

During the past year the laboratory examinations numbered 61,828, being an increase of 1829 over the preceding year.

There was an increase in the number of bacteriological specimens examined and an increase of 30 percent in chemical examinations.

QUEEN'S UNIVERSITY, KINGSTON

J. MILLER, M.D., F.R.C.P. (E), *Director*

Herewith, I beg to submit the statistics of work done in the Richardson Laboratory.

The total volume of work has shown a considerable rise over that of 1943. The reports issued were 13,999 as compared with 12,147 last year. There has been a drop in the number of throat swabs examined for diphtheria but a large increase in the number of swabs for streptococcal infections. The milk examinations are considerably up while the water examinations are down. The work done for the Army has more than doubled while the work for the Navy is reduced. The investigations for the Air Force have increased somewhat as have those done for industries of various kinds.

I wish to express my great appreciation of the loyal work of all members of my staff. As in former years, and I regret for the last time, I have great pleasure in bearing witness to the co-operation and kindness I have received at all times from Doctor B. T. McGhie and Doctor A. L. MacNabb.

INSTITUTE OF PUBLIC HEALTH, UNIVERSITY OF
WESTERN ONTARIO, LONDON

A. J. SLACK, M.D., *Director*

I have the honour to submit, herewith, the annual report of the laboratory examinations made during the year 1944 by the Branch Laboratory of the Department located in the Institute of Public Health, London.

The total number of laboratory examinations made for the Department during the year was 132,411 which is an increase of 12,470 examinations, or 10.4 percent over the previous year. Of these laboratory examinations 32,800 were made for the Army, Navy and Air Force, 3,299 for War Industries and 2,683 for the Red Cross. The increase in these combined War Service items over the previous year is 7,759 examinations or 25 percent.

During the year 78,892 outfits for the collection of specimens were reclaimed and prepared for redistribution and 82,366 outfits were distributed. Biologicals distributed from this centre, exclusive of insulin, numbered 23,460 packages as compared with 21,959 packages distributed during 1943. Free insulin distributed amounted to 3,928 packages or 1,636,200 units of Ordinary insulin and 3,104 packages or 1,482,400 units of Protamine Zinc insulin. This is 503 packages but only 29,000 units less free insulin than was distributed during 1943.

There have been few changes in laboratory methods of analysis during the year. The increase in laboratory examinations is spread over many different types of routine examinations with, however, the greatest increase in specimens for the diagnosis of the venereal diseases. The volume of laboratory work shows a steady increase year after year and has practically doubled during the last decade. Normal growth is being retarded through lack of space for expansion. Some of the Institute work is now carried on in other buildings, which does not promote efficiency or economy of operation.

My appreciation is extended to the staff of the Institute and to Dr. MacNabb and his staff whose assistance and co-operation have made possible the completion of the most successful year in the history of the Institute.

NORTH BAY BRANCH LABORATORY

A. B. LAMB, B.Sc., *Director*

I have the honour to submit a report of the laboratory examinations at the Branch Laboratory, North Bay, for the year 1944.

During the year 47,558 examinations were conducted, being an increase of 3,615 specimens over the preceding year. The increase in the number of examinations was due principally to specimens examined for *C. diphtheria*. Most of these were submitted from the Sudbury District.

BRANCH LABORATORY, OTTAWA

E. L. BARTON, M.D., *Director*

I have the honour to submit herewith the Annual Report of this Branch Laboratory for the year 1944.

During the year a total of 122,529 examinations were made on specimens submitted to the laboratory. This is an increase of 27,928 examinations over the previous year. This increase is due in part to new procedures being added to the routine, but a marked increase has been noted in existing procedures in all sections. The method of examining and reporting specimens conforms with that of the Central Laboratories. The examinations may be divided as follows:

	Number Examinations	Percentage
City of Ottawa.....	75,275	61.4
Ottawa District.....	14,758	12.1
Army.....	19,968	16.3
Air Force.....	11,837	9.7
Navy.....	691	0.5
	<hr/> 122,529	<hr/> 100.0

The work for the Armed Forces consisted of 26.5 per cent of all the examinations carried out and the civilian work was 73.5 per cent.

One new member has been added to the staff during the year. This member serves as an evening attendant until eleven o'clock each evening. A special messenger delivers mail from the post office to the laboratory each evening and in this way, mail is delivered from incoming evening trains. An afternoon mail delivery has been obtained also. Previous to employing a night staff, 42.6 per cent of all positive specimens for Niesserian infection from the local clinic were diagnosed as positive by culture only, the smears being negative. Since employing a night staff, 48.5 per cent of all positive specimens are diagnosed by culture and not by smear, since specimens are now being incubated the evening the specimens are obtained, instead of being incubated the following morning.

Due to the cramped quarters in the existing building, the laboratory has been reorganized to make use of all available space. It consists now of Media, Bacteriological, Serological, Chemical, Microscopic, Milk and Water, Glassware preparation and outfit room. Three windows have been made in the east wall of the building, to improve the ventilation and lighting. A new two-storey addition is nearing completion adjoining the present animal house. The lower floor will serve as an animal room and the upper floor as a stockroom. The existing animal house will serve as a room for animal and cultural work for tubercle bacilli. While this building will not alleviate the congestion in the laboratory, it will enable us to breed sufficient animals for inoculation purposes and provide a suitable room to culture specimens for tubercle bacilli, thereby removing the danger of infection from that source.

We wish to thank Doctor A. L. MacNabb and the staff of the Central Laboratories, for their co-operation and help during the year. We wish also to thank Doctor Lomer, the Medical Officer of Health for the City of Ottawa, for his help in making possible the beneficial changes in the laboratory.

PETERBOROUGH BRANCH LABORATORY

C. B. WAITE, M.D., *Director*

I have the honour to submit the Annual Report of work performed in the Branch Laboratory, Peterborough, for the year 1944.

During the year we performed a total of 18,235 tests, being an increase of 503 over last year.

Several cases of diphtheria were diagnosed and one of these patients died.

The medical men are submitting more specimens of faeces for the diagnosis of enteric disease.

I wish to thank you and your staff for assistance during the year, particularly in the differentiation of the *Salmonella* types.

SAULT STE. MARIE BRANCH LABORATORY

N. F. W. GRAHAM, M.D., *Director*

During the past year there has been a general increase in the total specimens examined in the Laboratory. Much credit is due the Department and the Director of Laboratories, Doctor A. L. MacNabb for splendid assistance and co-operation. Miss Jean Young has been attached to the Staff and she is filling a much-needed niche in the work required and carried out. Wassermann tests have been recommenced in July. An effort has been made to have an addition built to the present building as we are very limited as to space. It is hoped that this may be realized this year.

Due to lack of available technicians in Sault Ste. Marie, Michigan, considerable assistance was given the War Memorial Hospital during the year. As the two cities face each other on the St. Mary's River and were combined as an International War Area under the United States Army it was deemed an International gesture to be of whatever assistance our Staff might be in a Public Health way to our allies.

ST. CATHARINES GENERAL HOSPITAL PATHOLOGICAL LABORATORY

LORNE WHITAKER, M.D., *Director*

I have the honour to submit a report of the work done in the St. Catharines Laboratory for the year 1944.

There have been some changes in the staff. Miss Willis was ill in the early part of the year and left the service in June. Miss Mary Stewart joined the staff in September.

There has been a marked improvement in facilities for carrying on the work. An alteration has been made in the office and storage space and more refrigerator space has been provided. The efforts of the Board to improve facilities in the mortuary are appreciated.

Greater use has been made of the Blood and Plasma Bank and 167 donors were bled. Whole blood for transfusion from the bank was used on 33 occasions and plasma transfusions 93 times.

During the last three months of the year the major portion of the diagnostic outfits were assembled and distributed from this laboratory.

There was an increase in the work over the preceding year of 1,449 specimens with a grand total of 15,180 specimens. The decrease in bacteriological specimens was due to the curtailment of routine throat swabs from the nursing staff, while the increase in the serological examinations is the result of the presence in the vicinity of units of the Armed Forces. There is also an increase in surgical and chemical specimens, thereby increasing the local revenue of the laboratory.

ANNUAL REPORT OF THE LIBRARY, 1943

FREDRITA HENLEY WRIGHT, *Librarian*

The year 1944 has continued to make many demands on the Library. Requests for information on health insurance, rehabilitation of the returned soldier and postwar health administration have been most in demand. The Library has endeavoured to keep abreast of these requests in securing new reports and other publications dealing with these subjects.

ACCESSIONS

During 1944 the following accessions were made:

CENTRAL LIBRARY

Books purchased.....	92
Journals (vols.).....	158
Reports.....	70
Pamphlets.....	1,518
	<hr/>
	1,838

Subscriptions to journals for the year numbered 112: while the Library received 23 complimentary subscriptions: a total of 135.

ONTARIO HOSPITALS

Books purchased—	
Medical.....	59
Fiction:	
New.....	
Library discards.....	320
Journal subscriptions (med. and tech.).....	114
Year Books.....	9
Periodicals—	
New (subscriptions).....	124
Unsold copies.....	5,000 approx.
Newspapers (subscriptions).....	89
	<hr/>
	5,715

LOAN SERVICE

There were 5,148 loans made by the Central Library during 1944, an increase of 364 over the preceding year. Within the immediate Department requests for literature reached a total of 4,242 while to the outside service the Library forwarded 906 references. The loan service from the Central Library is extended to: Physicians, Nurses, Occupational Therapists and Dietitians connected with the administration of the 14 Ontario Mental Hospitals; the Directors and staffs of Mental Hygiene Clinics, and the Directors and staffs of the Branch Laboratories.

CIRCULATION OF JOURNALS

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

Journals containing articles dealing with "shock therapy" in the treatment of schizophrenia continued to be circulated, immediately upon receipt, to those Ontario Hospitals doing special work on this disease.

The Branch Laboratories at North Bay, Ottawa, Kingston, Belleville, Fort William, Timmins and Mimico received a regular circulation service of technical journals.

PATIENTS' LIBRARIES

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

Books—The Central Library purchased 320 library discards. These were collected and shipped to the Ontario Hospitals.

Periodicals—The Central Library placed 124 annual subscriptions to periodicals for the exclusive use of the patients. There were also approximately 5,000 copies of unsold periodicals delivered by a Toronto News Agency. These were purchased by special arrangement made by the Central Library.

Newspapers—The Central Library placed 89 subscriptions to various Provincial newspapers for the sole use of the patients. Owing to paper restrictions it was not possible to obtain unsold copies of papers which had been donated to the Ontario Hospitals in previous years.

SPECIAL SERVICES

The Central Library, during 1944, has had special requests for literature on the following subjects: Epidemiology, Venereal Disease Control, Nutrition, School Health Service, Health Insurance, Rehabilitation of the Discharged Soldier, Postwar Public Health Administration and Postwar Medical Planning. The Library has endeavoured to obtain new reports in connection with the above subjects as soon as they were available. These publications, together with articles in the current publications, were referred to the interested persons as soon as they were received. The Library has also received requests for special bibliographies. These were compiled and forwarded to those making the request.

The above services, together with cataloguing and other routine library work, have made the year a busy one. The Library has had pleasure in making the above contribution to the work of the Department.

DIVISION OF MATERNAL AND CHILD HYGIENE

ELIZABETH L. KITELEY, M.B.

With a steadily increasing number of births this Division reports with satisfaction a further reduction in the number of maternal deaths for the year 1943, the last year for which complete data are available. There were 178 such deaths for that year, as compared with 206 for the previous year, giving a rate of 2.2 per 1,000 living births. During recent years much in the way of progress has been made in the safeguarding of maternity, but this situation cannot be viewed with undue complacency for a study of the causes of these deaths indicates that many of the conditions would appear to be preventable. Infection (not including those deaths from abortion in which there was infection) was the highest single factor in cause and accounted for 41 or 23% of the deaths; while chemotherapy has played a large role in reducing deaths from puerperal septicemia, reliance on treatment in the absence of adequate prevention is a questionable practice. Thirty-seven women, or approximately 21% of the cases, were categorized as having died from toxæmias. Because of the limited understanding of toxæmia generally, the most effective approach to combating it would appear to be through early recognition and careful guidance throughout the entire pregnancy by means of adequate prenatal care. Haemorrhage was noted as having been the cause of 13.5% of the deaths, and although this cause is not as readily preventable as some of the other conditions, studies show that mortality from haemorrhage is several times greater in those cases who have not had the benefit of prenatal care.

That there is still a need for further enlightenment in respect to the value of vigilant medical supervision during the period of pregnancy is demonstrated by a review of the detailed reports of physicians who attended those women who died as a result of childbirth in the last five years (deaths from self-inflicted abortion were not included). These reports show that less than half of the cases had what the attending physician considered to be adequate prenatal supervision, and in one fifth of the cases there was definitely none. Furthermore, it is of interest to note that the maternal mortality rates continue to be highest in towns rather than cities or in the strictly rural areas, the latter being consistently lower than those for urbanized communities.

Despite the aforementioned sharp increase in the number of births, the low infant death rate of 1942 showed only a slight elevation for 1943; the rate for 1943 was 42 per 1,000 living births as compared to 40 for the previous year. Deaths occurring in the first two weeks of life account for more than half of the total infant deaths, with pre-maturity being listed as the outstanding single cause. It is evident that any public health programme must seriously concern itself with the problem of prolonging pregnancy to term and toward the care of premature infants once they are born if further substantial reductions in the death rate in this age group are to be secured. Since it is well-founded that there is a relationship between the mother's health during pregnancy and prematurity, the necessity for stressing, among other things, adequate nutrition in any prenatal care programme is established. In an effort to assist in the promotion of satisfactory care for all infants and especially those born prematurely, all physicians as well as all chiefs of paediatric and obstetric staffs of the Province were communicated with by letter during the year and supplied with a copy of a revised leaflet of the National Baby Welfare Council of Great Britain setting forth the value of breast feeding. It was the hope that such information would be an added stimulus in the fostering of this important safeguard in the preserva-

tion of child life and health. Further, a new issue of the Department-sponsored publication, *The Baby*, was made available for distribution early in the year. This publication continues its popularity, particularly among war-time mothers, and provision has been made whereby it can be secured by the wives of Ontario soldiers overseas.

There is a growing consciousness of community responsibility for the health of the school age group. While school health supervision is generally accepted as being an essential part of a municipal health programme, the trend on this continent appears to be a gradual shifting of emphasis from the elementary school to the younger and older age groups. This trend undoubtedly has been influenced by the increasing demands on and the necessity of conserving the time of over-burdened staffs and is reflected in changing procedures; for example, the stressing of the value of the secondary school medical programmes and the modification of what was hitherto conceded to be the required number of routine medical examinations in the elementary school group. This latter change in practice has been accompanied by added emphasis on the examination of pre-school children. This Division, at the request of the local Medical Officers of Health, gave assistance to seven municipalities in the latter project in this past year.

As a logical and basic approach to the problems of school health, medical examination of all applicants to the nine teacher-training schools (as well as to three summer-courses for teacher-training) were again carried on during the year. The Division continues to assume, on behalf of the Department of Education, the responsibility for the direction of these examinations. The physicians' findings and comments in these examinations would indicate that this is a very justifiable service, not only in the interests of the Department but to the students themselves. It was more than ever apparent that a total school health programme, which embraces the secondary school group, is necessary. Further, materials in respect to health education and particularly those pertaining to school health, have been distributed by the Division throughout the year.

DIVISION OF MEDICAL STATISTICS

L. S. PENROSE, M.A., M.D., *Acting Director*

Extended leave of absence for service with His Majesty's Forces was granted to Dr. A. H. Sellers, who left on November 12th, 1940. For the present year the essential work of the Division was again carried on under the part-time supervision of Dr. L. S. Penrose. The activities of the Division fall into four main classes—Statistical Analysis relating to Mental Hospitals, Public Hospitals and Cancer Control and Special Problems.

1. MENTAL HOSPITAL STATISTICS

(a) Monthly Surveys and Reports:

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

(b) Annual Report:

Each Ontario Hospital also submits an annual report comprising some 30 statistical tables, which give full details of the hospital population during the year. A synthesis of these reports together with other information dealing with dental, laboratory, nursing and x-ray services forms the annual report for mental hospitals. Some new tables have been added in the current year which will give additional information about the details of patients' ages. The tables for the Tuberculosis Unit at Woodstock have been completely revised for use in future years.

(c) Mental Health Clinics:

In previous years the coding and tabulating of the individual Mental Health Clinic records was carried on by the Division. Since 1942, each clinic has submitted a statistical report in much the same manner as do the Ontario Hospitals. The resulting figures are summarized and analysed in the Division and published in the Annual Report of the Hospitals Division.

(d) Mental Hospital Index:

The alphabetical index covering all males and females between the ages of 16-44 years who have been patients in Ontario Mental Hospitals, or who have been examined by Ontario Mental Health Clinics, which was commenced in November, 1939, has been continued. This complete index provides a record of all patients and is readily available to the National Defence authorities.

2. SURVEY OF PUBLIC GENERAL HOSPITALS

As in previous years, assistance was given to other Divisions in handling some specific enquiries relating to patients in public general hospitals.

3. CANCER STATISTICS

The collection and tabulation of statistical information concerning Cancer Control continues to be one of the foremost responsibilities. The follow-up cards for all patients examined at the clinics of the seven Ontario Cancer Centres during the year are forwarded to the Division for analysis. All deaths occurring among patients treated for cancer in the clinics are checked against the official death certificates by the Division. An effort is made in this way and other ways to assist the clinic physicians in following up their patients.

4. SPECIAL PROBLEMS

(a) *Insulin, Metrazol and Electroshock Treatment:*

Critical surveys of the results of Shock Therapy in the mental hospitals, similar to those carried out in previous years were again undertaken. The results of these calculations are made available to all those who are concerned with these special forms of treatment in the hospitals.

(b) *Chief Causes of Death:*

Following the procedure of previous years, the Division has prepared a bulletin concerning the chief causes of death in Ontario for the year 1943. This bulletin is sent to the Medical Officers of Health in the larger communities throughout the Province. The data are appended to the present report. (See below.)

(c) *Miscellaneous:*

A large proportion of the work done by the Division takes the form of giving assistance to other Divisions of the Department in respect to the various requests for statistical information. The preparation of charts, diagrams, and maps for special purposes, constitutes another type of useful statistical service.

THE CHIEF CAUSES* OF DEATH IN ONTARIO DURING 1943

The following tables are based on the official records of the Dominion Bureau of Statistics and summarize the chief causes of death in Ontario during the year 1943. The list of Causes of Death follows the Fifth Revision of the International List by the Commission in Paris in 1938 for 1943 (as in 1941 in Bulletin No. 7B), so that the figures in the last three reports are strictly comparable.

In 1943 the crude death rate of 10.48 per 1,000 population, was slightly higher than that of 10.23 in 1942. The rate had increased slightly in 1941 and 1940 but decreased in 1942. Since the population of Ontario is slowly but steadily becoming older, some increase in the crude death rate could be expected.

Table I shows against 20 specific causes, and all other causes, the number of deaths, the specific rate per 100,000 population and the percentage of all deaths due to that cause. The 20 commonest specific causes of death in 1943 (the same 20 as in 1942) were responsible for 36,858 deaths or 89.8 per cent of all those recorded during the year. The order of ranking is identical in 1943 with that in 1942, only down to item 4, i.e., to accidental causes; after this point only items 7 tuberculosis, 13 senility, and 16 diseases of the prostate, kept their rank from 1942 to 1943. The changes in rank are, however, but slight except in the case of

*"Chief causes" has the force of "most frequent causes" without any other implication.

influenza which ranked eleventh in 1943 instead of twentieth in 1942. In 1941 influenza had ranked twelfth. In 1943 the crude death-rate due to influenza was 17.8 per 100,000 population whereas in 1942 the rate was 7.1.

Diseases of the heart, the commonest cause of death, accounted for 12,700 deaths, or 30.9 per cent of all the deaths in 1943, as compared with 12,069, or the same 30.9 per cent, in 1942.

Cancer (all forms) continued to contribute substantially to the death rate as second most common cause; it was responsible for 5,193 deaths or 12.6 per cent of all deaths in 1943 as compared with the very similar figures of 5,005 or 12.8 per cent in 1942.

Intracranial lesions of vascular origin was responsible for 4,113 deaths, against 3,950 in 1942, but the 10.0 per cent of all deaths so caused was practically the same as the corresponding figure of 10.1 in 1942.

Accidental Causes continued a major cause of death, with 2,550 casualties or 6.2 per cent of all deaths in 1943, as compared with 2,663 or 6.8 per cent in 1942. The improvement during the last year was a continuation of that from 1941 when 7.5% of the deaths were accidental.

The remaining 12 commonest causes of death show but slight fluctuations in 1943, from the figures of 1942; the number of deaths due to each tends to be up slightly, due to the increased population (estimated increase 92,266) but the percentage of all deaths due to each cause remains similar.

Figure I shows diagrammatically the percentage of total deaths due to each of the 20 specific causes and all others.

FIGURE I

The Percentage of Total Deaths due to each of 20 Specific Causes and all other causes.

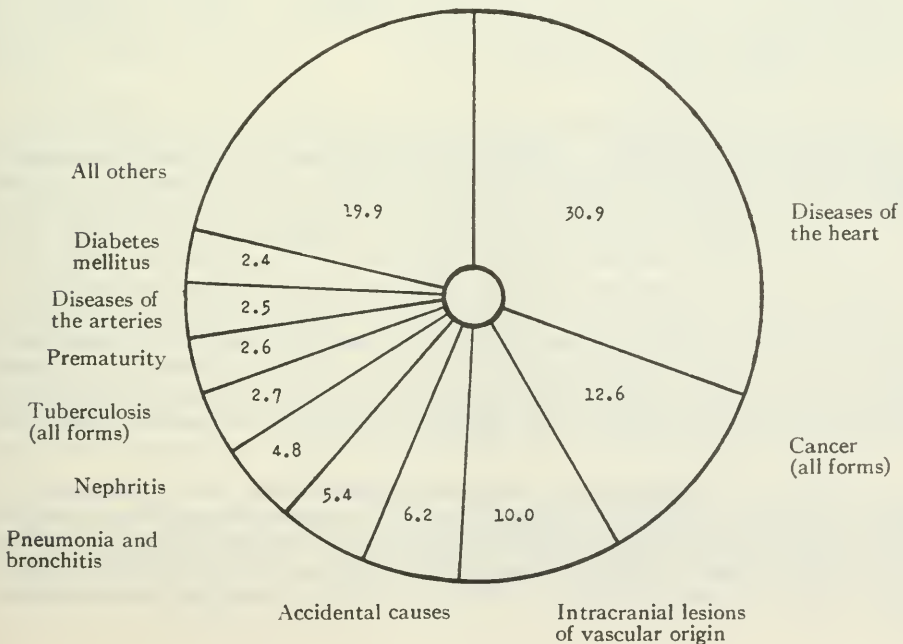


TABLE I
CHIEF CAUSES OF DEATH—ALL AGES
ONTARIO, 1943

Rank	CAUSE OF DEATH	Int'l. List Numbers	Number of Deaths	Specific* Death Rate	Per Cent of Total Deaths
1	Diseases of the heart.....	90-95	12,700	324.2	30.9
2	Cancer (all forms).....	45-55	5,193	132.6	12.6
3	Intracranial lesions of vascular origin.....	83	4,113	105.0	10.0
4	Accidental causes.....	169-195	2,550	65.1	6.2
5	Pneumonia and bronchitis...	106-109	2,198	56.1	5.4
6	Nephritis.....	130-132	1,959	50.0	4.8
7	Tuberculosis (all forms).....	13-22	1,101	28.1	2.7
8	Prematurity.....	159	1,052	26.9	2.6
9	Diseases of the arteries.....	96-99	1,027	26.2	2.5
10	Diabetes mellitus.....	61	998	25.5	2.4
11	Influenza.....	33	699	17.8	1.7
12	Congenital malformations...	157	680	17.4	1.7
13	Senility.....	162	441	11.3	1.1
14	Injury at birth.....	160	359	9.2	0.9
15	Hernia and intestinal obstruction.....	122	340	8.7	0.8
16	Diseases of the prostate.....	137	339	8.6	0.8
17	Suicide.....	163-164	316	8.1	0.8
18	Diarrhoea, enteritis and dysentery.....	27, 119, 120	281	7.2	0.7
19	Ulcer of stomach and duodenum.....	117	264	6.7	0.6
20	Syphilis.....	30	248	6.3	0.6
Total.....			36,858	9.41†	89.8
All Other Causes.....			4,205	1.07†	10.2
GRAND TOTAL.....			41,063	10.48†	100.0

*Rates per 100,000 population (3,917,000) estimated.

†Rates per 1,000 population.

Table II shows the eight chief causes of death during infancy (during the first year of life) for 1943; the number of deaths is shown first and then the percentage of all deaths due to a given cause. In 1943, as in 1942, prematurity and congenital malformations are the two leading causes of death; prematurity was the occasion of 31.0 per cent of all deaths in this group in contrast to 26.1 per cent in 1942 whereas congenital malformations was responsible for only 17.2 per cent instead of 18.6 per cent in 1942. Pneumonia and bronchitis, having been responsible for 11.7 per cent of the deaths, stands third in 1943 as in 1942 when it was the occasion of 13.0 per cent of the deaths; injury at birth caused 10.6 per cent of the deaths in 1943 instead of 10.2 per cent in 1942. Diarrhoea, enteritis and dysentery still stands sixth in 1943, when it occasioned only 5.7 per cent of the deaths instead of 7.6 in 1942 and of 11.1 per cent in 1941. Influenza is up for 1943 to 3.1 per cent from 2.1 per cent in 1942.

In Table II the specific death rate per 100,000 infants born is shown. It will be seen that a rise to 4,177 deaths from 4,072 per 100,000 births occurred in 1943 from 1942. By comparison of the specific rates in 1943 and 1942, it will be seen that the general increase is more than covered by deaths ascribed to prematurity. On this score the rate in 1943 was 1,296 per 100,000 births against 1,062 in 1942.

TABLE II
CHIEF CAUSES OF DEATH DURING INFANCY
ONTARIO, 1943

Rank	CAUSE OF DEATH	Deaths in Age Group	Per Cent of Deaths in Age Groups due to a Specific Cause	Specific Death Rate per 100,000 live births	
				1943	1942
1	Prematurity	1,052	31.0	1,296	1,062
2	Congenital malformations	582	17.2	717	756
3	Pneumonia and bronchitis	398	11.7	490	528
4	Injury at birth	359	10.6	442	414
5	Other diseases peculiar to infancy*	241	7.1	297	298
6	Diarrhoea, enteritis and dysentery	192	5.7	237	310
7	Influenza	105	3.1	129	87
8	Accidental causes	95	2.8	117	101
	Other causes	366	10.8	452	516
	TOTAL	3,390	100.0	4,177	4,072

*The first year of life.

Table III shows the eight chief causes of death after infancy for 1943; the number of deaths is shown and then the percentage of all deaths in the group due to a given cause.

Pre-school age, 1-4 years, shows accidental causes together with pneumonia and bronchitis leading and accounting for a very considerable part, 43.6 per cent, of all deaths in this age group; for these two causes the percentage is little lower than in 1942. Congenital malformations continues from 1942 in third place while, however, it constitutes a larger percentage of the deaths than in 1942. Diarrhoea, etc., drops to sixth place with a percentage of 3.5 instead of 6.1 in 1942 and of 6.9 in 1941. In 1943 influenza obtained fourth place; the percentage rose to 5.5 from 3.9. A rise also occurred for whooping cough. Cancer (all forms) stands at 3.0 per cent in 1943 with 18 deaths. Tuberculosis shows little change in 1943 from 1942.

School age, 5-14 years, shows accidental causes leading markedly and accounting for 33.7 per cent of all deaths in the age group. The percentage for accidents is, however, down a little from the figure, 35.6 per cent of 1942, and this decrease stands in contrast to the corresponding increase for little children. For tuberculosis the percentage is down to 6.4 from 7.9 in 1942. Appendicitis is in 1943 up to fourth place from sixth in 1942, with a percentage of 5.3 from 3.1.

Ages 15-19 years continue to show accidental causes and tuberculosis (all forms) as the two leading causes of death for these together account for 51.5 per cent of all deaths in the group. In 1943 diseases of the heart loses a rank since it is responsible only for 4.2 per cent of the deaths instead of 6.1 in 1942. In 1943 puerperal state disappears for the present age groups as one of the eight chief causes of death while acute rheumatic fever, influenza together with leukaemia and aleukaemia appear.

Ages 20-49 years shows diseases of the heart leading as in 1942. Cancer, however, has displaced accidental causes as second in rank. Accidental causes stands in 1943 at 13.4 per cent against 15.6 in 1942 and 17.5 per cent in 1941. In 1943, suicide disappears as one of the eight chief causes of death for this group while pneumonia appears.

Ages 50-59 years and 60-69 years show again, as in 1942, diseases of the heart, cancer (all forms) and intracranial lesions of vascular origin as the three commonest causes of death. These causes accounted for 61.6 per cent of the deaths in the former group and 67.0 per cent of the deaths in the latter. The pattern of causes in these groups is practically the same in 1943 as in 1942. Accidental causes was down to 4.6 per cent from 4.8 for the former group and to 2.9 per cent from 3.6 for the latter group. Tuberculosis appears as one of the eight chief causes for the older group while diseases of the arteries disappears.

Ages 70 or more years show the characteristic diseases of the old age with percentages very close to those for 1942. Diseases of the heart and intracranial lesions of vascular origin account for 53.6 per cent of the deaths in 1943. Pneumonia and bronchitis are up to fifth rank with 5.4 per cent of the deaths from seventh rank with 4.6 per cent of the deaths in 1942.

TABLE III
CHIEF CAUSES OF DEATH AFTER INFANCY
ONTARIO, 1943

Rank	CAUSE OF DEATH	Deaths in Age Groups	Per Cent of Deaths in Age Groups due to a Specific Cause
Ages—1-4 Years:			
1	Accidental causes.....	175	28.9
2	Pneumonia and bronchitis.....	89	14.7
3	Congenital malformations.....	48	7.9
4	Influenza.....	33	5.5
5	Tuberculosis (all forms).....	27	4.5
6	Diarrhoea, enteritis and dysentery.....	21	3.5
7	Cancer (all forms).....	18	3.0
8	Whooping cough.....	16	2.6
	Other causes.....	178	29.4
	TOTAL.....	605	100.0
Ages—5-14 Years:			
	Accidental causes.....	196	33.7
2	Pneumonia and bronchitis.....	44	7.6
3	Tuberculosis (all forms).....	37	6.4
4	Appendicitis.....	31	5.3
5	Acute rheumatic fever.....	23	3.9
6	Diseases of the heart.....	21	3.6
7	Congenital malformations.....	18	3.1
8	Cancer (all forms).....	18	3.1
	Other causes.....	194	33.3
	TOTAL.....	582	100.0
Ages—15-19 Years:			
1	Accidental causes.....	172	36.9
2	Tuberculosis (all forms).....	68	14.6
3	Pneumonia and bronchitis.....	21	4.5
4	Diseases of the heart.....	20	4.2
5	Nephritis.....	18	3.9
6	Acute rheumatic fever.....	13	2.8
7	Cancer (all forms).....	12	2.5
8	Appendicitis.....	11	2.4
8	Influenza.....	11	2.4
8	Leukaemia and aleukaemia.....	11	2.4
	Other causes.....	109	23.4
	TOTAL.....	466	100.0

TABLE III (Continued)
CHIEF CAUSES OF DEATH AFTER INFANCY
ONTARIO, 1943

Rank	CAUSE OF DEATH	Deaths in Age Groups	Per cent of Deaths in Age Groups due to a Specific Cause
Ages—20-49 Years:			
1	Diseases of the heart.....	944	18.4
2	Cancer (all forms).....	749	14.6
3	Accidental causes.....	690	13.4
4	Tuberculosis (all forms).....	578	11.3
5	Intracranial lesions of vascular origin.....	202	3.9
6	Nephritis.....	197	3.8
6	Pneumonia.....	197	3.8
7	Puerperal state.....	180	3.5
	Other causes.....	1,406	27.3
	TOTAL.....	5,143	100.0
Ages—50-59 Years:			
1	Diseases of the heart.....	1,535	32.6
2	Cancer (all forms).....	964	20.5
3	Intracranial lesions of vascular origin.....	399	8.5
4	Nephritis.....	220	4.7
5	Accidental causes.....	215	4.6
6	Tuberculosis (all forms).....	183	3.9
7	Pneumonia and bronchitis.....	178	3.8
8	Diabetes mellitus.....	140	3.0
	Other causes.....	867	18.4
	TOTAL.....	4,701	100.0
Ages 60-69 Years:			
1	Diseases of the heart.....	2,919	37.6
2	Cancer (all forms).....	1,407	18.1
3	Intracranial lesions of vascular origin.....	881	11.3
4	Nephritis.....	414	5.3
5	Diabetes mellitus.....	329	4.2
6	Pneumonia and bronchitis.....	279	3.6
7	Accidental causes.....	224	2.9
8	Tuberculosis.....	128	1.7
	Other causes.....	1,189	15.3
	TOTAL.....	7,770	100.0
Ages—70 Years and over:			
1	Diseases of the heart.....	7,236	39.4
2	Intracranial lesions of vascular origin.....	2,611	14.2
3	Cancer (all forms).....	2,020	11.0
4	Nephritis.....	1,073	5.9
5	Pneumonia and bronchitis.....	992	5.4
6	Diseases of the arteries.....	867	4.7
7	Accidental causes.....	764	4.2
8	Senility.....	434	2.4
	Other causes.....	2,352	12.8
	TOTAL.....	18,349	100.0

Table IV shows for each of the 20 principal causes of death (as in Table I) what portion occurred by a given age—for instance, considering cause No. 6, or nephritis, it will be seen that 0.3 per cent of the deaths due to the condition were of children less than 1 year old, 1.1 per cent were of children less than 5 years old, 1.8 per cent were of people less than 15 years old, etc.

Diseases of the heart caused 19.9 per cent of its deaths below the age of 60 years.

Cancer (all forms) caused 34.0 per cent of its deaths below the age of 60 years.

Intracranial lesions of vascular origin caused only 15.1 per cent of its deaths before the age of 60.

Accidental causes caused 25.2 per cent of its deaths before the age of 20 years.

Pneumonia and bronchitis caused 18.1 per cent of its deaths before the end of 1 year but only 54.9 before the age of 70.

Nephritis caused only 45.2 per cent of its deaths before the age of 70.

Tuberculosis (all forms) caused 13.3 per cent of its deaths before the age of 20

Diseases of the arteries caused only 15.3 per cent of its deaths before the age of 70.

Diabetes mellitus caused only 23.9 per cent of its deaths before the age of 60.

Influenza caused 15.0 per cent of its deaths before the age of 1 year.

Hernia and intestinal obstruction caused only 35.7 per cent of its deaths before the age of 60 but 56.6 per cent before the age of 70 years.

Suicide caused 55.6 per cent of its deaths before the age of 50 years.

Diarrhoea, enteritis and dysentery caused 68.3 per cent of its deaths before the age of 1 year.

Ulcer of the stomach and duodenum caused only 24.3 per cent of its deaths before the age of 50 but 46.8 per cent before the age of 60.

Syphilis caused only 30.8 per cent of its deaths before the age of 50 but 58.7 per cent before the age of 60.

TABLE IV
PROPORTION OF DEATHS OCCURRING BY A GIVEN AGE
ONTARIO, 1943

(Percentages)

Rank	CAUSE OF DEATH	PROPORTION OF DEATHS IN LESS YEARS THAN						
		1	5	15	20	50	60	70
1	Diseases of the heart.....	0.0	0.0	0.2	0.4	7.8	19.9	42.9
2	Cancer (all forms).....	0.1	0.4	0.8	1.0	15.4	34.0	61.1
3	Intracranial lesions of vascular origin.....	0.1	0.2	0.4	0.5	5.4	15.1	36.5
4	Accidental causes.....	3.8	10.7	18.4	25.2	52.5	61.0	69.8
5	Pneumonia and bronchitis.....	18.1	22.2	24.2	25.1	34.1	42.2	54.9
6	Nephritis.....	0.3	1.1	1.8	2.8	12.8	24.1	45.2
7	Tuberculosis (all forms).....	1.3	3.7	7.1	13.3	65.8	82.2	94.1
8	Prematurity.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9	Diseases of the arteries.....	0.1	0.1	0.2	0.4	2.6	6.5	15.3
10	Diabetes mellitus.....	0	0.1	1.3	2.3	9.8	23.9	56.9
11	Influenza.....	15.0	19.7	22.0	23.6	32.8	38.8	51.5
12	Congenital malformations.....	85.6	92.6	95.3	96.2	99.6	100.0	100.0
13	Senility.....	0	0	0	0	0	0	1.6
14	Injury at birth.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15	Hernia, intestinal obstruction.....	0	3.5	5.9	7.1	22.7	35.7	56.6
16	Diseases of the prostate.....	0	0	0	0	0.3	4.4	25.1
17	Suicide.....	0	0	0.3	2.9	55.6	78.1	93.0
18	Diarrhoea, enteritis and dysentery	68.3	75.8	77.6	77.9	86.1	88.3	92.2
19	Ulcer of stomach and duodenum..	0	0.8	0.8	1.1	24.3	46.8	71.1
20	Syphilis.....	5.7	6.1	6.1	6.9	30.8	58.7	86.6
	TOTAL Deaths from preceding causes.....	7.7	8.9	10.0	11.0	22.1	33.5	52.8
	ALL OTHER CAUSES.....	13.4	17.0	21.4	24.0	48.7	61.0	77.0
	GRAND TOTAL.....	8.3	9.7	11.2	12.3	24.8	36.3	55.3

DIVISION OF NURSE REGISTRATION

ALEXANDRA M. MUNN, Reg. N., *Director*

I have the honour to submit the following report for 1944:

Council of Nurse Education:

Notwithstanding increased responsibilities in their various fields of service the members of the Council of Nurse Education gave many hours during the past year to the problems of the Nurse Registration Branch of the Department of Health.

Five meetings of the Council were held, two of these dealt more particularly with arrangements for Nurse Registration Examinations. One meeting was called at the request of the Hon. the Minister of Health to consider a plan for a centralized course for student nurses.

As a result of this meeting a Composite Committee, representative of the Council of Nurse Education, Registered Nurses' Association of Ontario and Toronto University School of Nursing, was formed to study and report to the Minister on an over-all plan for centralized teaching with a view to providing nurses who would serve the community, in which training had been taken, following their graduation. With this in view a survey is under way. When this is completed a report on the potential value of this type of teaching will be prepared.

Legislation:

Added powers of inspection were granted when an amendment to the Nurses' Registration Act was passed in 1944, which now gives authority to this Branch to inspect and guide post graduate courses in University Schools of Nursing.

An Order-in-Council was passed giving approval to the appointment of a ninth member to the Council of Nurse Education who would be representative of University Schools of Nursing.

Joint Committee:

This Committee is composed of all members of the Council of Nurse Education and Legislation Committee of the Registered Nurses' Association of Ontario. Two meetings were held in 1944.

It was decided by the Registered Nurses' Association that on the completion of the training of a class which entered in September this demonstration in practical nursing should cease.

The Council of Nurse Education was notified to this effect and the Hon. the Minister of Health asked to consider legislation to control the teaching and registration of practical nurses in the Province of Ontario. Suggestions were given by the Joint Committee as to a qualifying title, a curriculum and the controlling body.

Revision of Curriculum:

In view of the fact that the Ontario Curriculum for Training Schools for

Nurses has not been revised since its publication in 1924, special consideration was given to this subject when the Chairman of the Examining Board was asked to draw up a new outline based on the Proposed Curriculum as issued by the Canadian Nurses' Association.

Change in Personnel:

In September Miss Hilda Bennett, who has been acting as Inspector of Training Schools during the absence of Principal Matron Major Edith R. Dick (Overseas), resigned to accept an appointment on the teaching staff of the Toronto University School of Nursing. Miss Bennett has been on the staff since 1936 and has made a valuable contribution to nursing education in Ontario.

Nursing Sister Lieut. Dorothy Riddell was recalled from Overseas Service to fill the post of Inspector of Training Schools for Nurses and took over her duties on November 1st.

Applicants Registered from other Provinces and United States

During the year one hundred and eighty applicants were registered from Provinces of the Dominion and the United States, as follows:

Alberta	9	California	1
British Columbia	10	Connecticut	4
Manitoba	17	District of Columbia	1
New Brunswick	17	Florida	1
Nova Scotia	12	Illinois	3
Prince Edward Island	1	Iowa	1
Quebec	32	Maine	1
Saskatchewan	26	Maryland	1
	—	Massachusetts	2
	124	Michigan	9
		Minnesota	1
		Missouri	1
		New Jersey	2
		New York	21
		North Carolina	1
		Ohio	2
		Pennsylvania	3
		Rhode Island	1
			—
			56

REPORT OF INSPECTOR OF TRAINING SCHOOLS

The following summary of activities is presented by the Inspector of Training Schools:

Visits of inspection to Schools of Nursing and Hospitals numbered fifty-six. Ten inspections had to do with nurseries. Five were problems of opening or discontinuance of schools of nursing, or affiliations. Three were to Ontario Hospitals regarding applicants to University Post Graduate Courses. The rest were routine visits.

It was found that most hospitals were crowded to capacity. The hospital and school of nursing staffs were depleted. In some schools there were no members of teaching staff. Practically every hospital reported lack of, or poor domestic staff.

Where residence accommodation warranted, or where extra accommodation could be arranged, the large and medium sized schools attempted to increase

student enrolment. Several small schools had discouragingly few or no applications and in certain instances the clinical field is inadequate for student training.

Hours of duty for graduate staffs have been improved in a number of hospitals. Little change was recorded in ratio of ward and class-room hours, or total hours of duty, for student nurses.

There is a definite attempt to appoint especially trained graduate nurse staff in charge of hospital services. Interest in persuading chosen members of graduate nursing staff to attend one or other of University Post Graduate Courses offered, is encouraging. In several hospitals bursaries, scholarships or loans have been arranged to encourage post graduate studies.

Extension Courses—For the third succeeding year the University of Toronto School of Nursing has offered a two-month Extension Course in Obstetrical Nursing and the Care of the New Born. Twelve students, representative of eleven hospitals of the Province, enrolled.

The co-operation received from hospital executives was encouraging during what might be considered one of the most difficult years in the work of training school administration.

STATEMENT OF REGISTRANTS

Total number registered, 1944.....	1,517
Total number taking examination, 1944.....	1,441
Total number registered since 1923.....	31,136

STATEMENT OF REVENUE

Registration fees	\$ 9,200.00
Re-registration fees.....	18,398.50
Training school records.....	32.97
Miscellaneous.....	63.29
Examination fees.....	7,683.00
	<hr/>
	\$35,377.76

DIVISION OF PSYCHIATRIC RESEARCH

L. S. PENROSE, M.D., *Director*

The Division was created in 1944 to encourage and to provide special opportunities for the scientific study of the problems of mental illness, unbiased appraisal of the results of treatment and critical surveys of the future needs. During the first year, the work of the Division has had a markedly statistical bias on account of the specially statistical nature of the problems presented but the clinical point of view has not been neglected. What follows is a summary of the main tasks, which have been undertaken in the Division and which either have been already completed or are expected to be completed within the fiscal year.

1. *Survey of the Ontario General Population:*

The population from 1921 to 1944 was analyzed by age and sex and the trends of fertility, mortality and immigration were studied. On this basis, a projection was made estimating the future population by age groups and sexes up to the year 1965. The results were made available to the public.¹

2. *Prediction of Numbers of Ontario Hospital Patients:*

Since the number of beds needed in hospitals depends, among other things, upon the number of people in each age group in the province, the first survey enabled predictions to be made about the probable number of beds, which will be required for mentally ill patients in future years. In these calculations, carried up to 1965, which were published during the year,² it was assumed that there would be no marked change in administrative aims or methods. Further use was made of the data obtained in these surveys to predict the numbers of cases of some particular types to be expected in future years.³

3. *Investigation of Genetic Factors which Modify Age of Onset in Psychosis:*

A very comprehensive survey of all pairs of related patients in the Ontario Hospitals was instituted and the resulting data subjected to a new type of analysis. The technique is specially valuable in detecting the effects of secondary hereditary factors; some of these factors appear to be sex-linked. The survey covered more than five hospitals and includes data on over 5,000 patients.

A control survey on diabetic patients, carried out at the Victoria Hospital, London, with the assistance of Dr. E. M. Watson, also led to results of intensive interest.

4. *Discrimination of Different Types of Personalities by Psychological Tests:*

The problem of how best to use test scores for differentiating psychotic from normal subjects, males from females, the more apt from the less apt, etc., involves, in the last analysis, calculations impracticable for general usage. Methods of greater simplicity than those formerly advocated have been devised and used in the Division.^{4, 5} Two new non-verbal psychological tests, the Pattern Perception and Preference Inventory, have been prepared with a view to their possible psychiatric significance.

5. *Miscellaneous Investigations:*

An examination of the mental levels of epileptic patients, tested from year to year at the Ontario Hospital, Woodstock, suggested by Dr. E. A. Clarke, was carried out.⁶ The results, which indicated that epileptics do not deteriorate intellectually, are in the press. Other investigations on hand are concerned with maternal age in epilepsy, the possible ill-effects of shock therapy with special reference to pulmonary and circulatory complications, the length of stay in hospital of certain kinds of cases, the occurrence of psychoses in both husband and wife⁷ and the possibility of finding genetic linkage between serological type and phenylketonuria.

¹The Population of Ontario from 1921 to 1965, Beall, G., and Stanton, R. G. (July, 1944).

²The number of patients to be expected until 1965 in the Ontario Hospitals, Beall, G., and Stanton, R. G. (August, 1944).

³Reduction in the number of Mongolian defectives—A result of family limitation. Beall, G., and Stanton, R. G. (1945) *Can. J. Pub. Health.* 36, 33.

⁴Psychotic profiles and sex profiles shown by a test battery. Penrose, L. S. (1945), *Am. J. Psychiat* (in the press).

⁵Discrimination between normal and psychotic males by Revised Examination M (1945). *Bull. Can. Psychiat. Assoc.* (in the press).

⁶The search for intellectual deterioration among epileptic patients. Falk, R., Penrose, L. S. and Clarke, E. A. (1945). *Am. J. Ment. Def.* (in the press).

⁷Mental illness in husband and wife. Penrose, L. S. (July, 1944). *Psychiat. Quart. Supp.*

DIVISION OF PUBLIC HEALTH NURSING

EDNA L. MOORE, REG.N., *Director*

For the first three months of the year the public health nursing personnel was a part of the Division of Maternal and Child Hygiene and Public Health Nursing. On April 1st a Division of Public Health Nursing was set up. This report covers the activities of the staff for the twelve-month period.

At the beginning, the staff of the Division included a director, four general supervisors, one specialized supervisor, six staff nurses and two clerk-stenographers whose names are entered in this report that they may form part of the permanent Department record: Edna L. Moore, N. Edna Howey, Hilda Pennock, Edna M. Squires, Bertha E. Johnson; Sarah Wallace, Rose Hally, seconded to Division of Industrial Hygiene, Ora A. Lefler, Helena M. Lunn, Katherine E. Osborne, H. Elizabeth Smith, Laura W. Vrooman; Megan Burns and Evelyn Macfie. July 1st, Isabel Black and Margaret Wright were appointed to the staff as general supervisors, the latter to act as Assistant to the Director. Thelma Green and Pearl Stiver were appointed at this time as specialized supervisors and seconded to the Divisions of Industrial Hygiene and Venereal Disease Control respectively. Alice G. Nicolle, B.S., joined the staff as Educational Supervisor August 1st.

The Honorary Consultant in Public Health Nursing, Colonel Elizabeth L. Smellie, C.B.E., R.R.C., LL.D., resumed her duties as Chief Superintendent, Victorian Order of Nurses for Canada, on her retirement from the post of Matron-in-Chief, Nursing Service, R.C.A.M.C. During the year her wise counsel and kindly understanding have been a source of encouragement to the Director and staff.

The development and extension of local service increased the demand for qualified public health nurses while enlistment in the nursing service of the armed forces left vacancies to be filled. The number of nurses available was inadequate to meet the demands. While many married public health nurses, realizing the existing need accepted positions, a considerable number remained unfilled.

To improve this situation the Department offered assistance for graduate study to nurses accepted by the Universities of Toronto and Western Ontario for enrolment in the one-year certificate courses in Public Health Nursing. The terms of the arrangement required from the nurses an undertaking to serve in the public health field anywhere in Ontario for a period of one year after the successful completion of the course. It was further arranged with the Universities that the course be accelerated, but not reduced in content.

Fifty-two nurses were accepted under this plan; twenty-five at the University of Toronto and twenty-seven at the University of Western Ontario. In addition ninety-six graduate students were enrolled independently.

The need for qualified leaders is inherent in the increasing demand for public health nursing personnel of staff level. The preparation and development, through well-chosen experience and graduate study, of nurses interested in this important field, is receiving serious consideration.

During the year the County Councils of Middlesex, Elgin, Wentworth, Perth, Peel and Simcoe initiated school health services and the Councils of Huron, Halton and Lennox and Addington voted to do so when public health nursing personnel is available.

The Village of Leaside Board of Health accepted responsibility for the school health programme and extended the public health nursing service to include all age-groups in the community.

The Town of Newmarket and the Township of Pickering, Ajax Section, organized generalized public health nursing services. The Merritton Board of Health moved to establish a generalized public health nursing service, which they were obliged to postpone for want of qualified staff.

At Welland the Board of Education asked the Board of Health to take over the public nursing service to the school age group and to extend it under the generalized plan to include the secondary school students.

A survey of the Brantford public health nursing service, begun in 1943, was completed and a report submitted. The recommendations were accepted and acted upon by the Board of Health; the most important of them was that a generalized programme be adopted and a supervisor of nursing appointed.

The cities of Fort William and Kingston amalgamated the public health nursing services and staffs of their Boards of Education and Health and inaugurated generalized public health nursing programmes. In each city a supervisor was appointed to give nursing leadership in the development of the new programme.

Branches of the Victorian Order of Nurses were organized at Niagara Falls, Fort William and Kingsville.

The Ontario Society for Crippled Children increased their public health nursing staff to five.

Industrial nursing activities continued to increase. Approximately 580 nurses are engaged full-time in this special field. A Refresher Course for Industrial Nurses offered by the University of Toronto School of Nursing in October was attended by 139 nurses.

Important advances were achieved in the nursing programmes associated with the control and prevention of syphilis and gonorrhoea.

Staff Activities:

The general supervisors spent a total of 831 days in 122 centres; 98 centres were visited once, 21 received two visits and three were visited three times. Throughout the province 43 newly appointed nurses received assistance. Time totalling forty days was devoted to the Normal School applicants' examinations.

A staff nurse was loaned to the Board of Health of Thorold town for a period of six weeks. Two staff nurses assisted at Industrial chest clinics, and also with a survey of school health conditions in Durham County.

The educational supervisor has been occupied to a considerable degree with the graduate student groups at the University of Toronto and the University of Western Ontario. Requests for her assistance in planning three local staff education programmes were responded to and several visits were made in connection with secondary school health services.

The services of a public health nurse were provided for a small community in Algoma District where the local group wished to have a demonstration programme carried on for a relatively short period.

Several conferences were held to discuss practical measures through which the public health nursing group might contribute more fully to the cancer control effort throughout the province.

A survey of the official public health nursing service in Sarnia was begun in late November.

Three bulletins were prepared and distributed to the public health nurses of the province.

A visit covering six weeks to city, state and county health services in Georgia, Tennessee, Maryland, Ohio and New York by a member of the supervisory staff was made possible through a travel grant from the Rockefeller Foundation.

Two County Councils and the School Health Committees of seven counties were met by the Director for the purpose of discussing the establishment of county school health services.

Grateful acknowledgement is made of the generous response to numerous requests for assistance in planning special experience for nurses which was received from the Medical Officers of Health and Public Health Nursing Supervisors and Directors in St. Catharines, Hamilton, Kingston, East York and the United Counties. Appreciation is extended to all of the official agencies that participated in the Field Practice programme for the graduate students from the University of Toronto and the University of Western Ontario.

The Division was honoured by visits from the following: Miss Florence Horsburgh, M.P., Parliamentary Secretary to the Minister of Health, Great Britain; Miss Ruth Binnie, Inspector of Home Economics, Department of Education for Nova Scotia; Dr. Leonard Miller and Miss Mary Green, Department of Health, Newfoundland; Miss Dorothy Deming, R.N., Public Health Nursing Consultant, Merit System Unit, American Public Health Association, New York; Miss Helen McArthur, M.Sc., Superintendent of Public Health Nurses for Alberta and Chairman, Public Health Nursing Section, Canadian Public Health Association; Miss Martha E. Finney, Supervisor, Public Health Nursing, Tennessee Valley Authority; Miss Iracema Niebler of Sao Paulo, Brazil; Miss Monica Frith, Reg. N., B.A.Sc., M.P.H., British Columbia Department of Health; Mrs. Blow, Johns Hopkins School of Nursing; Miss Mary Thom, B.A., Reg.N., Kingston, Jamaica, British West Indies; Miss Vivian Johansen, Saskatoon Department of Health; Miss Marjorie Duvillard of the American Red Cross; Miss Amelia Grant, B.S., M.A., R.N., Lecturer, Teachers College, Columbia University, and formerly Director, Bureau of Public Health Nursing, Department of Health, City of New York, and Mrs. Eme Chasse, Division of Child and Maternal Hygiene, Department of Pensions and National Health, Ottawa.

DIVISION OF SANITARY ENGINEERING

A. E. BERRY, M.A.Sc., C.E., Ph.D., *Director*

I have the honour to submit the Annual Report for the Division of Sanitary Engineering for the year 1944.

Another year of war has greatly influenced the activities of this Division. Construction work in both water works and sewerage has continued at a low point, although there is some improvement over the previous year. The staff of the Division was still insufficient, and it has been impossible to carry on as many activities as was hoped for. The work of the Division includes the following: supervision of public water supplies and sewage treatment plants; examination and approval of plans and specifications for new water works and sewerage systems, refuse incinerators, and extensions of existing ones; supervision over milk processing plants and the issue of certificates of approval; inspection and licensing of summer camps; some supervision over recreational facilities; assistance to health officers in the correction of nuisances and conditions giving rise to complaints; approval of plans and rules for the administration of cemeteries, and general supervision over swimming pools and bathing areas.

The water works construction programme of the year is reflected in the number of certificates issued and the estimated cost of the works approved. During the year 127 certificates of approval were issued, with an estimated value of work at \$1,921,679.97. While this figure is quite low, it is considerably above the expenditure involved for the previous year which was only \$393,491.31. This improvement can be attributed to the fact that in spite of war restrictions it was impossible to delay some projects until after the war. In general, water works systems have been operating with a minimum of capital expenditure during the war, and in a number of instances the safe limit was reached. There has been some improvement in the availability of supplies for water works systems and this has helped the municipalities.

During the year approval was given for two new water works systems; one at Rodney and the other at Dutton. In both instances the private supplies were not only deficient in quantity but they were also heavily contaminated, and it was essential that the municipalities proceed with the work as soon as possible. Mandatory orders were issued for both of these. It is anticipated that these systems will be operating in 1945.

As the feeling grew that the end of the war was not far removed, there was a tendency for municipalities to prepare programmes for the installation of water works systems where none now exists, and also to prepare for extensions to existing systems. There are a considerable number of places in the province where additional treatment will be required, and in other places where extensions to the distribution system or to other parts of the water works are urgently needed. It is anticipated that these activities will involve a considerable expenditure and will result in a good deal of employment. Unless the work has been particularly urgent there has been a desire on the part of the municipality to co-operate in the war effort, and to delay these projects until the post-war period.

The statistics for Ontario water works systems at the end of 1944 show the following:

Total number of water works systems	309
Number of water filtration plants	64
Number of supplies receiving treatment by filtration	97
Number of chlorinating systems on public water supplies.	142
Number of water supplies protected by chlorination	185

This latter figure means that more than 80% of the water consumed in the province is being so treated and safeguarded.

Public Sewerage Systems:

In the construction of sewerage systems there is also an increase in the estimated cost of the projects approved. The number of certificates of approval issued is 122 and the estimated expenditure involved is \$1,187,828.70. The corresponding figures for the preceding year are 106 certificates and an expenditure of \$852,122.32. It would appear that the same factors have contributed to this increase as have predominated for water works. At present, there is a greater need for sewers and sewage disposal plants than there is for water works extension, and the delay in undertaking these works has been trying in many places.

The most encouraging feature of the sewerage situation in 1944 was the activity shown by municipalities in preparing for post-war developments. There is an ever-widening interest in the field, both for constructing new sewerage systems and for providing treatment at those places that are now supplied with sewers. Sewerage works have not kept pace with water systems, and the municipalities are deficient in these facilities to an appreciable extent. This situation, however, is one that is found in many other places. It is similar in other provinces of the Dominion, as well as in States of the United States.

There was in operation at the end of the year, 156 public sewerage systems. A number of these were comparatively small and served only limited sections of the municipalities involved. No new sewage treatment plants were constructed during the year for municipalities, but some industries did undertake treatment works for disposal of their industrial waste. An analysis of the figures for Ontario shows that sewage treatment works have been built in 53% of the municipalities which are now provided with public sewers, and that 70% of the total population of these sewers centres is supplied with treatment. This means that 30% of the population of sewered municipalities is discharging raw sewage. While this figure might be regarded as somewhat high, it compares most favourably with other provinces of the Dominion and with the various States. The corresponding figure for the entire United States is 50%.

These figures on sewage disposal indicate the necessity for work in this field in the post-war period. This same situation has been recognized in the United States where a concerted effort has been made to have municipalities prepare plans for their post-war sewerage projects, and especially for sewage treatment. It is gratifying that an effort is being made all over the continent to reduce stream pollution and to ensure adequate treatment of sewage and all other similar wastes before being discharged into streams or other bodies of water.

During the year construction was continued on the sewage treatment plant for the City of Toronto. While the war has delayed this project, substantial progress has been made, the sea-wall being completed and a large part of the sedimentation tanks.

As an indication of developments in planning for sewerage plants for the post-war period, the following municipalities may be listed as having secured engineering reports or made progress towards development in this direction, namely, Belleville, Port Hope, Picton, Strathroy, Fort Frances, Rainy River,

Cobourg, Oakville, Orillia, Oshawa, Clinton, Listowel, Port Carling, Sioux Lookout, Delhi, Deseronto, St. Catharines, Merritton, Thorold, Hamilton, London, Owen Sound, Goderich, Huntsville, Stratford, Peterborough, York Township, North York Township and others.

Supervision of Operations:

During the year an effort has been made to supervise the operation of both water treatment and sewage disposal plants. It has not been possible to devote as much time to this as would be desirable, because of the limited staff. Many of these plants have reached the point where they are overloaded and additions will be required during the coming year or as soon as the facilities are available. Operators are handicapped by the fact that their plants are now inadequate. It is hoped that when more staff is available more time will be possible for assistance in the operation of these plants.

MILK CONTROL PROGRAMME

At the end of the year the number of milk pasteurization plants was 717. While a few new plants have started, a number of the old ones have found it difficult to carry on because of the problem of securing help. As a result of this, they have combined, or in some instances the milk has been pasteurized for a distributor at another dairy with the thought that this would be carried on until the war was over, and they would then be able to resume normal activities.

The number of inspections carried on by officials of the Division on milk pasteurizing plants amounted to 892. This averages just slightly over one inspection per year for each plant, a figure that is admittedly too low. It has been necessary to spread this service over as many plants as possible, and to apply it where it was felt that it was most needed.

Milk control problems continued to be acute during the year. This could be attributed to two factors: first, the lack of help, and secondly, difficulty in securing equipment. The quality of the raw milk has been affected by the fact that farm labour has been very scarce. This must be reflected in the quality of the final product as it leaves the pasteurizing plant. A similar situation holds in the plants where there has been abnormal turnover in the personnel engaged. This makes it difficult to secure best results. Much of the equipment in the dairies is strained to the ultimate limit to take care of increased production and very long delays have occurred in getting replacements for equipment, or new parts.

Pasteurization continued to be applied to over 98% of all the milk sold for fluid consumption in the province. No illness has been traceable to the supply of any pasteurizing plant during the year. It is hoped that once the war is over it will be possible to improve many of the plants, and that a larger staff will permit more attention to these operations. There has again been indicated a need for trained operators in pasteurizing plants.

This field staff has endeavoured to collect samples of milk when visiting the dairies. Eight hundred and thirty-six samples were examined bacteriologically during the year, and 491 phosphatase tests were made on samples collected by our own staff. These figures are, of course, in addition to the samples submitted to the various laboratories of the Department by the local Boards of Health and by the dairies themselves.

FOOD CONTROL

No extensive programme has been possible in food control, on a provincial basis during the year. This is still a very pertinent problem, and it is recognized

that a need exists for supervision over all eating places and others where food is distributed or handled. When sufficient staff is available there will be an opportunity for effective action on these places, and for improving the quality and safety of the food.

RECREATIONAL SANITATION

The same general procedure was followed in 1944 as in previous years for dealing with recreational facilities in the province. Automobile traffic was maintained at a low figure because of restrictions on gasoline and rubber tires. In spite of this the hotels and resorts in the lakeland regions were well patronized, and the vacationist spent a longer time at these places rather than travel by car. This is apparent also by the fact that the motor tourist camps were not busy, and many of them have gone out of business.

The inspection and licensing of summer camps continued during the year, with 180 of these being licensed. One hundred and eighty-nine inspections were made. It has been still somewhat difficult to secure early information on all camps. Some parties, not knowing the regulations, have opened camps without obtaining licenses. In instances these have been unsatisfactory places. Every effort is made to ensure that only camps which meet the standards of the Department are allowed to operate.

Other tourist facilities such as tourist camps, accommodation in private homes, refreshment booths, etc., have been under the supervision of the local Boards of Health. The difficulties involved in respect to this include lack of uniformity and inadequate inspection. Until some provincial-wide supervision is adopted, the present scheme will have handicaps.

Farm service force camps continued to operate in considerable numbers, and were inspected by officials of this Division. Sixty camps were involved, and they required 210 inspections.

During the summer an effort was made to exercise some supervision over the summer resort areas, particularly in Muskoka and Lake of Bays. Seventy-nine hotel inspections were made in these areas. This covers a limited service, and it is obvious that closer supervision is called for when facilities are available.

REFUSE COLLECTION AND DISPOSAL

A broader interest continues to exist in the collection and disposal of municipal refuse. Incineration is increasing in the different centres, and it is likely that there will be a considerable increase in this during the post-war years. In 1944 an incinerator was constructed at Sault Ste. Marie. In some other places, work initiated on these projects in the previous year was completed. The Township of Scarborough has undertaken a project of incineration, and this should be finished in 1945.

NUISANCES AND COMPLAINTS

Nuisances and complaints continued to occupy a substantial portion of the time of the staff. Some of these are of minor significance but it is not possible to determine this until an examination is made. These investigations involve a great variety of conditions. Approximately 200 requests for work of this nature were met during the year. Some of them are for the purpose of assisting health officers and local Boards of Health. Others are made directly to the office by aggrieved parties.

REDUCTION IN TYPHOID FEVER

Major points on sanitation throughout the province are reflected by the typhoid fever statistics. The figures for 1944 show 78 cases and 7 deaths. This gives a rate of 0.1, a most satisfactory situation.

CEMETERIES

Supervision of cemeteries throughout the province has continued during the year. Some revision has been made in The Cemetery Regulations but not of major significance. It is apparent that improved results are being secured in this field, and there is better administration of many cemeteries.

During the year the Division prepared a suggested set of rules and regulations for the guidance of cemetery operators. These are set up as a guide so that they may be modified by any person wishing to set up rules for his own cemetery. It is still not possible to estimate closely the number of cemeteries operating in the province.

REGULATIONS

During the year the legislature authorized the Department to set up regulations dealing with two matters: first, frosted food locker plants, and second, housing. Regulations have been prepared on the former but were not put into effect. It is hoped that they will be in operation sometime during 1945. Progress has also been made on housing regulations to meet minimum health standards. Time has also been devoted to a revision of some of the older regulations so that they may be modernized and be made more effective.

A general review of the activities of this Division for the year indicates further progress, but delays by circumstances over which there is no control. It is hoped that the programme of the Division can be substantially expanded in the future to take care of sanitary needs in the province. This is not feasible until personnel, trained in public health engineering are available, and this is not to be expected until the war is over. Special arrangements at the University have been made so that engineering graduates can specialize in public health. In the meantime, every effort is being made by a limited staff to meet the most important aspects of sanitation and to ensure protection against diseases which may be spread through lack of sanitation.

Appended is a summary of the certificates issued in respect to water works and sewage systems.

CERTIFICATES ISSUED RE: WATERMAIN EXTENSIONS,
 PURIFICATION, ETC., FOR THE YEAR 1944

MUNICIPALITY	Number of Certificates	Watermain Extensions	Supply and Purification	New Systems
Ancaster Township	3	\$ 7,190.95	\$	\$
Barton Township	3	12,972.81		
Burlington	1	14,200.00		
Cardinal	1	20,000.00		
Chapleau Township	1	6,000.00		
Chatham	2	3,902.50		
Clinton	1	3,000.00		
Cochrane	1	53,829.07	68,590.00	
Cornwall	4	6,780.00		
Crowland Township	1	2,088.00		
Dresden	1	18,000.00		
Dutton	1			104,106.50
Elmira	1	25,000.00		
Etobicoke Township	5	30,195.16		
Fonthill	1	6,467.05		
Forest Hill Village	4	33,631.00		
Fort Erie	1	3,370.74		
Gravenhurst	1	31,000.00		
Grimsby North Township	1	19,145.38		
Hamilton	7	23,296.00		
Hay Township	1	3,650.00		
Kingston	1	202,500.00		
Kitchener	3	2,504.00		
Leaside	3	33,047.20		
Long Branch	2	4,300.00		
Malton (Victory Aircraft)	2	34,964.00		
Nepean Township	2	15,896.00		
New Toronto	2	1,550.00	3,250.00	
Orillia	1	3,339.30		
Ottawa	8	21,305.00		
Petrolia	2	142,000.00		
Port Arthur	2	23,033.08		
Port Colborne	1	26,080.85		
Port Credit	2	4,893.40		
Rodney	1			111,013.00
Saltfleet Township	1	13,062.29		
Sandwich East Township	1	370.00		
Sarnia Township	1	20,800.00		
Scarborough Township	6	103,360.68		
Stamford Township	1	636.51		
Stoney Creek	2	4,134.57		
Sudbury	5	10,847.21		
Swansea	1	1,835.00		
Teck Township	1	5,362.07		
Tecumseh	1	18,444.00		
Thorold Township	1	1,586.08		
Tilbury	1		5,500.00	
Timmins	1	75,294.20		
Tisdale Township	1	15,643.57		
Toronto	4	41,086.00		
Toronto Township	3	113,516.99		
Trafalgar Township	2	27,300.00		
Wallaceburg	1		180,000.00	
Westminster Township	1	2,675.00		
Woodbridge	1	20,000.00		
York Township	4	9,503.00		
York East Township	4	15,867.81		
York North Township	9	61,764.00	47,000.00	
Total	127	\$1,402,220.47	\$ 304,340.00	\$ 215,119.50

CERTIFICATES ISSUED RE SEWERAGE FOR THE YEAR 1944

MUNICIPALITY	Number of Certificates	Sewer Extensions	Disposal	New Systems
Aurora (Collis Leather Co.)	1	\$	\$ 20,000.00	\$
Barton Township	1	7,408.88		
Burlington	2	6,050.00		
Chatham	1	2,100.00		
Cochrane	2	15,368.45		
Cornwall	2	2,000.00		
Crowland Township	2	10,886.88		
Etobicoke Township	6	49,046.55		
Forest Hill	2	7,150.00		
Fort Erie	1	8,214.69		
Fort Frances	1	2,800.00		
Fort William	5	35,924.00		
Hamilton	11	329,573.00		
Kingston	4	69,829.55		
Kitchener	4	6,458.00	14,000.00	
			(Burns & Co. Ltd.)	
Leaside	4	129,710.00		
Lindsay	1	362.50		
London	3	5,526.81		
Long Branch	1	2,500.00		
Malton	2	9,000.00	6,000.00	
			(Victory Aircraft)	
Monaghan North Township	1	1,824.35		
Nepean Township	2	16,610.00		
Nipigon Township	1	1,555.75		
Orillia	1	29,269.33		
Ottawa	3	29,660.00		
Parry Sound	1	12,054.01		
Pembroke	1	2,605.00		
Peterborough	2	1,671.86		
Port Arthur	2	41,188.25		
Port Colborne	2	21,165.06		
Port Hope	1	750.00		
Preston	1	764.00		
St. Catharines	3	4,220.00	3,121.00	
			(McKinnon Industries Ltd.)	
Sarnia	1	7,796.25		
Scarborough Township	1	24,884.65		
Sudbury	6	38,094.00		
Swansea	3	15,455.00		
Teck Township	1	3,210.88		
Thorold	1	1,567.48		
Timmins	1	30,595.00		
Tisdale Township	1	5,709.05		
Toronto	9	59,035.00		
Weston	2	28,950.00		
Woodstock	2	702.00		
York Township	2	3,492.00		
York East Township	5	37,682.81		
York North Township	10	20,286.66	4,000.00	
			(DeHavilland Aircraft of Canada)	
TOTAL	122	\$1,140,707.70	\$ 47,121.00	

SUMMARY

RE WATERWORKS:	Estimated Cost
Extensions to existing systems.....	\$1,402,220.47
Purification of water supplies.....	304,340.00
New systems.....	215,119.50
Total.....	\$1,921,679.97
RE SEWERAGE:	
Extensions to existing systems.....	\$1,140,707.70
Treatment Works.....	47,121.00
New sewerage systems.....	.....
Total.....	\$1,187,828.70
The total number of applications favourably reported upon re waterworks and sewerage for the year was 249 and involves an estimated expenditure of. \$3,109,508.67	

DIVISION OF TUBERCULOSIS PREVENTION

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

Although an increase in tuberculosis has almost always occurred during war conditions, the steady decline in the tuberculosis death rate in Ontario over a period of years was interrupted seriously for the first time in 1941 when a rise of 2 per 100,000 population took place. During the last two years the rate has decreased slightly to 28.1 but it is still 1.2 higher than it was in 1940 when it reached an all time low.

During the year, three of the largest mass surveys yet undertaken in the Province were completed, namely, the Federal Civil Servants resident in Ottawa, the school teachers of Ontario, and the non-mining population of the Porcupine Camp, including Timmins, Schumacher and South Porcupine. The findings are embodied in this report and illustrate the value of examining apparently healthy people by an x-ray of the lungs.

The organization of mass surveys of special groups of population or of the whole population of a given area requires the interest and service of lay organizations, the press and radio. The medical and nursing professions are not of themselves equipped to meet the demands associated with tuberculosis control. The assistance of business executives, community leaders, and voluntary organizations is essential. Although leadership by provincial and municipal health departments, or both, may be necessary, efforts of local agencies, if properly directed, will create greater community interest and co-operation than those of official bodies.

Because of this fact and also because the tuberculosis diagnostic part of the control programme in the Province is inadequate, the Ontario Tuberculosis Association was organized in December, 1944. It has for its primary objective the raising of funds (through local service clubs, tuberculosis societies and sanatorium authorities by the sale of Christmas seals) in order that a more complete diagnostic service may be provided in all parts of the Province. This refers not only to mass surveys but also to make possible x-ray examination of contacts and suspected cases as they occur in centres where x-ray facilities are available but not used.

The importance of surveys of groups of apparently healthy people is well illustrated in the following table:

Percentage of Classifications of all admissions to Ontario sanatoria in 1943	Percentage of Classifications of all <i>Active</i> tuberculous cases found by mass surveys in Ontario, 1943
21..... Minimal.....	57
33..... Moderately advanced.....	30
44..... Far advanced.....	13

The figures on the left show the percentage of patients entering sanatoria in Ontario during 1943 with disease in the minimal, moderately advanced and far advanced stages. The figures on the right show the classification of those found in mass surveys during the same year, to have active tuberculosis, requiring treatment.

It is apparent that more than twice as many patients will be discovered

with active tuberculosis when the disease is in the minimal stage by mass surveys than by the usual clinic methods.

The value of the procedure is even more appreciated when it is known that 45% of persons entering sanatoria with far advanced disease are discharged by death while less than 6% entering with minimal or moderately advanced disease die within the sanatoria.

It is evident that until admissions to sanatorium with minimal and moderately advanced disease are considerably in excess of admissions with far advanced disease, we cannot hope to solve the tuberculosis problem.

PART I

A. REPORT OF THE WORK DONE BY THE TRAVELLING CHEST CLINICS

The work of the clinics was continued with the same staffs as in 1943. Three of the units have no physicians, viz., Fort William, North Bay and Toronto. Histories in these clinics were obtained by the nurse or technician and the films sent to the Central Office for interpretation.

Toronto Unit—only one clinic held, —in Wiarton.

Ottawa Unit—41 clinics in 17 centres.

Ottawa, 12 clinics; Pembroke, 9 clinics conducted locally, the films being sent to Ottawa for interpretation; Pembroke, 2 visits; Prescott, 2 visits; Hawkesbury, 2 visits; Renfrew, 2 visits; and one to each of the following: Perth, Almonte, Carleton Place, Merrickville, Kemptville, Plantagenet, Eganville, Bourget, Casselman, Rockland, Arnprior and Smiths Falls.

Belleville Unit—33 clinics in 17 centres.

Belleville, 12 clinics; Brockville, 3 visits; Peterborough, 3 visits; Gananoque, 2 visits; and one to each of the following: Port Hope, Picton, Napanee, Tweed, Marmora, Madoc, Havelock, Bancroft, Haliburton, Campbellford, Hastings, Cobourg, Sharbot Lake.

Timmins Unit—17 clinics in 8 centres.

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

The regular clinic work of this unit was considerably curtailed on account of extra work done by the staff:

- (a) 167 films were taken in a survey in the Moose Factory area.
- (b) 182 films were taken in the survey of school teachers.
- (c) 805 films were taken for the Board of Health in Kirkland Lake.
- (d) Several weeks were spent in assisting at the mass survey of Timmins' residents (see report of mass surveys).

Fort William Unit—28 clinics in 13 centres.

(a) Fort William (small clinics); Kenora, 3 visits; Schreiber, 2 visits; Nipigon, 2 visits; Geraldton, 2 visits; Dryden, 2 visits; Sioux Lookout, 2 visits; Rainy River, 2 visits; Emo, 2 visits; Fort Frances, 2 visits; Nolalu, one visit; Upsala, one visit; Squaw Bay, one visit.

(b) Surveys of Indian Schools: St. Joseph's School, Fort William; Cecilia Jeffrey School, Kenora; St. Mary's School, Kenora; Pelican Lake School, Sioux Lookout, and St. Mary's School, Fort Frances.

(c) In addition 1,500 chest films were taken in a survey of the Canada Car & Foundry Co., Fort William.

North Bay Unit—38 clinics in 19 centres.

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

(b) Surveys of 3 Indian Schools: Chapleau, Spanish, and Sault Ste. Marie.

(c) In addition 825 films were taken on teachers.

TABLE I
SUMMARY OF WORK OF TRAVELLING CLINICS

FINDINGS	Examina- tions	Toronto	Ottawa	Belle- ville	Tim- mins	Fort William	North Bay	Totals
1. Pulmonary Tuberculosis.....	First Repeat	0 5	103 368	131 464	56 367	38 132	111 480	439 1816— 2255
(a) Active.....	First Repeat	0 0	54 35	32 32	24 23	11 14	31 32	152 136— 288
Inactive.....	First Repeat	0 5	49 333	99 432	32 344	27 118	80 458	287 1680— 1967
(b) Newly Discovered.....	First Repeat	0 0	74 20	53 10	27 7	25 5	46 8	225 50— 275
Already Known.....	First Repeat	0 5	31 348	78 454	29 360	13 127	65 472	216 1766— 1982
(c) Childhood (Primary Infection)	First Repeat	0 0	9 11	10 18	3 20	11 19	4 9	37 77— 114
Minimal.....	First Repeat	0 2	41 214	76 233	22 147	15 56	52 206	206 858— 1064
Moderately Advanced.....	First Repeat	0 2	38 135	28 145	20 144	12 43	46 231	144 700— 844
Far Advanced.....	First Repeat	0 1	15 13	17 58	11 56	0 14	9 34	52 176— 228
2. Extra-Pulmonary Tuberculosis.....	First Repeat	0 0	2 0	3 0	2 7	1 0	0 0	8 7— 15
3. Suspected Tuberculosis.....	First Repeat	1 0	11 7	6 8	5 18	5 1	6 5	34 39— 73
4. Non-Tuberculous Disease.....	First Repeat	2 1	40 69	143 100	30 37	22 20	62 48	299 275— 574
5. No Disease.....	First Repeat	48 23	1060 992	1914 1001	810 630	696 655	1788 1274	6316 4575—10891
6. Recommended for Sanatorium.....	First Repeat	0 0	51 28	22 26	20 19	11 9	19 23	123 105— 228
7. Number of Individuals Examined.....	.....	80	2659	3360	1829	1480	2256	..... 11664
8. Pneumothorax Refills Given.....	.....	0	25	778	560	0	0	..... 1363
9. Totals.....	First Repeat	51 29	1215 1444	2197 1573	903 1059	762 808	1967 1807	7095 6720—13815
10. Total Number of Examinations.....	.....	80	2659	3770	1962	1570	3774	13815

TABLE II
SUMMARY OF CLINIC FINDINGS—1940-1944

Year	Number of Examinations	Number of Examinations on Persons with Tuberculosis	Number of Examinations of Persons with Active Tuberculosis
1940	11,950	2,052—17%	408—19%
1941	14,181	2,378—17%	462—19%
1942	12,845	2,119—17%	322—15%
1943	15,593	2,130—14%	329—15%
1944	13,815	2,255—17%	288—13%

SUMMARY OF NEWLY DISCOVERED CASES—TOTAL 275

- 275 new cases of tuberculosis were found.
- 225 or 81.8% were found on first examination and 50 or 18.2% on repeat examination.
- 116 or 42.1% gave a history of contact with tuberculosis; 159 or 57.8% gave no history of contact.
- 142 or 51.6% were males; 133 or 48.4% were females.
- 127 or 46.1% were recommended for sanatorium, of these 36 or 28.3% did not realize they were ill, and were classified as follows:

Childhood (Primary Infection)	10
Minimal	17
Moderately Advanced	7
Far Advanced	2
	36
- Of the 116 giving a history of contact, 69 or 59.0% attended the clinic because of contact only and with no symptoms referable to the chest.
- 154 or 56.0% were classed as active; 121 or 55.8 were classed as inactive.

TABLE III

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

AGE GROUPS	Number Contacts Examined for First Time	Number Cases of Tuberculosis Discovered (Primary Infection Type not included)	Percentage of Contacts Examined Showing Disease %	Number Cases of Active Tuberculosis Discovered (Primary Infection Type not included)	Percentage of Contacts Examined Showing Active Disease %
0 to 4	214	2	.9	2	.9
5 to 9	335	1	.3	1	.3
10 to 14	373	2	.5	2	.5
15 to 19	320	7	2.2	6	1.9
20 to 24	321	2	.6	1	.3
25 to 29	258	1	.4	0	...
30 to 39	487	14	2.9	6	1.2
40 to 49	279	7	2.5	2	.8
50 to 59	135	8	.6	2	1.5
60 to 69	89	6	.7	1	1.1
70 and over	21	2	9.5	0	...
Totals	2,832	52	1.8	23	.8

TABLE III—A

COMPARISON OF NUMBER OF NEW CASES OF TUBERCULOSIS FOUND IN RELATION TO NUMBER OF CONTACTS EXAMINED FOR FIRST TIME

1940-1944

	Number Contacts Examined	Number Cases of Tuberculosis Disease Discovered	Percentage of Contacts Examined %	Number Cases of Active Tuberculous Disease	Percentage %
1940.....	3,118	105	3.3	Not available	...
1941.....	3,535	152	4.3	92	2.6
1942.....	2,503	102	4.0	68	2.7
1943.....	4,007	144	3.6	63	1.15
1944.....	2,832	52	1.8	23	.8

COMMENTS ON TABLE IIIA

The percentage of active tuberculosis in the contact group has steadily decreased since 1941.

TABLE IV
CLASSIFICATION OF NEWLY DISCOVERED CASES

CLASSIFICATION	Number	Percentage of Total %	Percentage of Number with reinfection (Adult) Type of Disease %
Pulmonary Tuberculosis—			
Childhood (Primary Infection).....	39	14.2	....
Minimal.....	127	46.2	54.7
Moderately Advanced.....	71	25.8	30.2
Far Advanced.....	36	13.1	15.2
Extra-Pulmonary Tuberculosis.....	2	.7	.9
TOTAL.....	275	100.0	100.0

TABLE IV—A
SUMMARY OF NEWLY DISCOVERED CASES
1940-1944

	Number Newly Discovered Cases of Tuberculosis	Percentage of Total %	Average Percentage %
Minimal—1940.....	192	60	60
1941.....	267	61	
1942.....	217	63	
1943.....	222	64	
1944.....	127	55	
Moderately Advanced—1940.....	84	26	25
1941.....	106	24	
1942.....	71	20	
1943.....	84	24	
1944.....	71	30	
Far Advanced—1940.....	44	14	15
1941.....	64	15	
1942.....	55	17	
1943.....	41	12	
1944.....	36	15	

COMMENTS ON TABLE IV—A

The percentage of minimal cases in the newly discovered group decreased from 63.9% to 54.7%.

SUMMARY OF CASES RECOMMENDED FOR SANATORIUM—
TOTAL 228

1. 228 persons were recommended for sanatorium.
2. 123 or 53.9% were recommended on first examination; 105 or 46.1% on repeat examination.

3. 113 or 49.5% were males; 115 or 50.5% were females.
 4. 76 or 33.3% did not realize they were ill, as follows:

Childhood (primary infection)	11
Minimal	30
Moderately Advanced	30
Far Advanced	5
	76

TABLE V
 CLASSIFICATION OF CASES RECOMMENDED FOR SANATORIUM

CLASSIFICATION	Number	Percentage of Total %	Percentage of Number with re-infection (Adult) Type of Disease %
Pulmonary Tuberculosis:			
Childhood (Primary Infection).....	14	6.2	....
Minimal.....	53	23.2	25.4
Moderately Advanced.....	101	44.3	48.3
Far Advanced.....	53	23.2	25.4
Extra-Pulmonary Tuberculosis.....	2	.9	.9
Pleurisy with Effusion.....	4	1.8	....
Suspects	1	.4	....
TOTALS.....	228	100.0	100.0

TABLE V—A
 SUMMARY OF CASES RECOMMENDED FOR SANATORIUM
 1940-44

	Number Recommended for Sanatorium	Percentage of Total	Average Percentage %
Minimal—1940.....	101	30	
1941.....	127	35	
1942.....	87	35	32
1943.....	82	34	
1944.....	53	26	
Moderately Advanced—1940.....	147	43	
1941.....	131	37	
1942.....	93	37	41
1943.....	94	39	
1944.....	101	48	
Far Advanced—1940.....	92	28	
1941.....	99	28	
1942.....	73	28	27
1943.....	62	27	
1944.....	53	26	

COMMENTS ON TABLE V—A

The percentage of minimal cases recommended for sanatorium unfortunately decreased in 1944, with a corresponding increase in the percentage with moderately advanced disease.

TABLE VI
SUMMARY OF CASES RECOMMENDED FOR SANATORIUM—1944
BY CLINICS

Clinic Unit	Number Recommended	Number Admitted	Percentage Admitted %	Average Interval in Days from Date Recommended to Date of Admission	Number Who Refused Treatment	Number Treated at Home	Number Who Died at Home	Number Awaiting Admission	No Information as to Reason for Non-admission
Ottawa.....	79	57	72	35.6	8	5	3	2	4
Belleville.....	48	*36	75	15.0	6	2	3	0	1
Timmins.....	39	32	82	32.0	4	2	0	0	1
Fort William.....	30	15	75	29.1	2	0	0	0	3
North Bay.....	42	31	74	Accurate record not kept	5	5	0	0	7
Totals.....	228	171	75	30 approximately	25	14	6	2	10

*Two others recommended early in 1944 admitted in January, 1945.

TABLE VII—Continued
 CLASSIFICATION (on last examination) OF PERSONS WHO HAD RECEIVED SANATORIUM TREATMENT—TOTAL 836

Age Groups	Sex	No Tuberculous Disease	Primary Infection		Minimal		Moderately Advanced		Far Advanced		Extra Pulmonary		Thickened Pleura	Bronch-iec-tasis	Lung Abscess	Silic-osis	Non Tuberculous Infec-tion	Fungus Infec-tion
			Ac-tive	Inac-tive	Ac-tive	Inac-tive	Ac-tive	Inac-tive	Ac-tive	Inac-tive								
50 to 59	M	..	..	1	9	2	35	1	8	..	..	..	..	..	..	4	..	..
	F	1	..	..	2	..	13	..	2	..	..	..	..	..	..	..	..	..
60 to 69	M	..	..	..	4	1	9	4	6	..	..	..	1	..	..	..	..	..
	F	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..
70 and Over	M	..	..	..	2	..	4	1	2	..	..	..	..	..	..	..	..	..
	F	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Totals	M	44	2	7	2	108	13	201	12	57	2	2	6	..	1	5	..	..
	F	42	..	3	9	10	181	3	46	4	4	1	1	..	1	..	..	..
		86	2	10	11	282	23	382	15	103	6	6	7	..	2	5	..	..

REMARKS ON TABLE VII

1. 934 persons who had received treatment in sanatorium attended the clinics.
2. 460 or 49.2% were males; 474 or 50.8% were females.
3. In 86 or 9.2% the disease by X-ray had cleared or become so well healed that it was not considered a factor at the time of examination.
4. In the 828 with pulmonary tuberculosis disease still evident 51 or 6.1% were considered to be active and in need of further treatment; 777 or 93.9% were considered to have inactive disease.
5. The above table illustrates the value of follow-up examinations of ex-patients of sanatoria.

TABLE VIII
CHANGES IN DIAGNOSIS ON REPEAT EXAMINATIONS
DIAGNOSIS AT CLINIC EXAMINATION—1944

	Totals	No Change case	No Dis- sects	Sus- pects	Childhood (Primary Infection)		Minimal		Moderately Advanced		Far Advanced		Extra- Pul- mon- ary Tuber- culosis	Pre- vious Pleu- risy	Pleu- risy with Effu- sion	Other Chest Con- di- tions
					Ac- tive	Inac- tive	Ac- tive	Inac- tive	Ac- tive	Inac- tive	Ac- tive	Inac- tive				
No Disease.....	4,495	4,327	..	7	4	5	8	14	6	1	..	..	1	5	3	14
Suspects.....	66	30	21	..	..	..	4	6	..	..	..	..	..	..	1	4
Childhood (Primary Infection)	7	..	2	..	..	5	..	..	..	..	..	..	..	..	..	..
Active.....	94	60	32	..	1	..	..	..	1	..	..	..	..	..	..	..
Inactive.....	65	11	7	1	..	2	..	27	8	4	2	1	..	1	..	1
Minimal	831	753	37	..	..	..	17	1	9	9	1	..	..	2	..	2
Active.....	85	27	3	..	..	..	..	7	..	41	4	3	..	..	..	..
Inactive.....	695	666	1	..	..	..	..	13	10	..	5	..	..	..	..	..
Far Advanced	30	13	1	..	..	..	1	..	..	3	..	12	..	..	..	..
Active.....	148	134	..	..	..	..	..	1	..	12	1	..	..	..	..	..
Inactive.....	14	12	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Extra Pulmonary Tuberculosis	55	46	8	..	..	..	1	..	..	..	..	..	..	..	..	..
Active.....	14	11	..	..	..	..	..	1	..	..	..	..	..	2	..	..
Inactive.....	22	18	2	1	..	..	..	..	..	..	..	..	..	1	..	..
Previous Pleurisy	236	196	33	..	..	1	1	2	1	1	..	..	..	..	1	..
Pleurisy with Effusion	6,857	6,304	148	9	5	13	32	72	36	71	13	16	1	11	5	21
Active.....																
Inactive.....																
Bronchiectasis																
Other Conditions																
Totals	6,857	6,304	148	9	5	13	32	72	36	71	13	16	1	11	5	21

PREVIOUS DIAGNOSIS

REMARKS ON TABLE VIII

1. Of 4,495 persons examined by our Travelling Clinics in some previous year, and classified as having no disease, 42 or .9% developed some form of tuberculous disease.
2. Of 66 persons examined by our Travelling Clinics in some previous year, and classified as suspects, 43 or 16.6% developed some form of tuberculous disease.
3. Of 1,674 persons examined by our Travelling Clinics in some previous year, and classified as having inactive re-infective type of disease, 43 or 2.6% had become reactivated.
4. Of 101 persons examined by our Travelling Clinics in some previous year, and classified as having childhood (primary infection) type of disease, only 1 or 1.0% had developed reinfection type of pulmonary tuberculosis.
5. Of 896 persons examined by our Travelling Clinics in some previous year, and classed as having minimal disease, in only 34 or 3.8% had the disease extended.
6. Of 695 persons examined by our Travelling Clinics in some previous year, and classified as moderately advanced, inactive disease, 15 or 2.2% had become active.
7. Of 148 persons examined by our Travelling Clinics in some previous year, and classified as having far advanced, inactive disease, only 1, or .7% had become active.
8. The above findings stress the value of re-examination of persons classified as having inactive pulmonary tuberculosis.
9. The comments under Item 2 show that 16.6% of suspect cases developed definite disease, contrary to the opinions often expressed by clinicians.

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

CLASSIFICATION	First Examination	Repeat Examination	Total Examinations
Pneumonia	91	28	119
Chronic Bronchitis	34	18	52
Bronchiectasis	11	33	44
Heart Disease	32	7	39
Silicosis	5	24	29
Asthma	8	14	22
Lung Abscess	2	8	10
Cancer (provisional diagnosis)	4	4	8
Atelectasis	1	5	6
Fungus Infection	1	3	4
Empyema (non-tuberculous)	4	0	4
Emphysema	2	1	3
Cyst of Lung	1	1	2
Spontaneous Pneumothorax	1	1	2
Substernal Goitre	2	0	2
Diaphragmatic Hernia	1	0	1
Hodgkin's Disease	1	0	1
Non-tuberculous Infections or undiagnosed Conditions	21	27	48
Totals	222	174	396

CLINIC WORK AMONG TREATY INDIANS

Examinations were carried out on Treaty Indians as follows:

(a) Surveys of Indian Schools	691
(b) Referred to clinics in various centres	480
	1,171

TABLE X

Result of Clinic Examinations of Treaty Indians:

Number of cases of active tuberculosis	26
Number of cases of inactive tuberculosis	71
Number of newly discovered cases of tuberculosis	23
Number of cases recommended for sanatorium	23

In addition a survey of 119 Indians was made at Moose Factory:

Number with no disease	76
Number with active tuberculosis	12
Number with inactive tuberculosis	2
Number with suspect tuberculosis	10
Number with other chest conditions	19

COMPARISON OF CLINIC FINDINGS AMONG WHITES AND INDIANS

TABLE XI

Year	Number of Examinations		Number of Cases of Active Tuberculosis		Percentage of Total Number Examined	
	Whites	Indians	Whites	Indians	Whites	Indians
1940.....	11,211	739	231	57	3.1	7.7
1941.....	13,032	1,149	395	67	3.0	5.8
1942.....	11,769	1,076	259	63	2.2	5.8
1943.....	13,419	2,174	248	81	1.8	3.7
1944.....	12,644	1,171	262	26	2.1	2.2

For the past several years sanatorium treatment has been authorized by the Indian Affairs Branch, Ottawa, for all Indians found to have active tuberculosis by the Provincial Department of Health. The Indian Affairs Branch has expressed the wish that the Public Health Regulations be enforced for Indians the same as whites.

When the percentage of Whites and Indians dying of pulmonary tuberculosis who have not been treated in sanatorium is compared, a marked difference is noted. There is a very encouraging increase, however, in the percentage of the Indian population being treated in sanatorium in the five year period.

Year	Number Deaths Pulmonary Tuberculosis		*Number Treated in Sanatorium		Percentage Treated in Sanatorium	
	Whites	Indians	Whites	Indians	Whites	Indians
1939.....	875	82	658	18	75.2	21.9
1940.....	795	63	614	15	77.2	23.8
1941.....	841	99	669	34	79.5	34.3
1942.....	865	73	683	27	78.9	36.9
1943.....	857	89	696	43	81.7	48.3

*Within five years of death.

The following table shows the number of Indians treated in sanatoria and the cost to the Federal Government for the years 1940 to 1944. The number of patients and the cost has more than doubled during this period.

TABLE XII

SUMMARY OF INDIANS TREATED IN SANATORIA

Year	Number Treated	Days Treatment	Cost to Federal Government
1940.....	106	17,406	\$43,515.00
1941.....	132	24,112	57,218.55
1942.....	198	30,122	72,299.25
1943.....	220	40,170	95,454.50
1944.....	237	43,359	104,550.75
Total.....	893	155,169	\$373,038.05

NOTE: See maps giving information in respect to the influence in the tuberculosis death rates in various counties and districts because of the high mortality from tuberculosis among the Indian population; also, the chart showing the marked difference in death rates from tuberculosis as compared to Whites for the years 1931, 1936 and 1941.

TABLE XIII

TABLE SHOWING NUMBER OF ONTARIO INDIANS UNDER TREATMENT
FOR TUBERCULOSIS IN SANATORIA AND HOSPITALS

(As of December, 1944)

Hospital or Sanatorium	Location	Number
Fort William Sanatorium.....	Fort William	36
Squaw Bay Indian Hospital.....	Fort William	19
Dynevor Indian Hospital.....	Selkirk, Man.	15
Weston Sanatorium.....	Weston, Ont.	15
Queen Alexandra Sanatorium.....	London	11
Muskoka Sanatorium.....	Gravenhurst	5
Mountain Sanatorium.....	Hamilton	4
Brant Sanatorium.....	Brantford	1
St. Mary's-on-the-Lake Sanatorium.....	Haileybury	1
Manitowaning Indian Hospital.....	Manitowaning	6
Lady Minto Hospital.....	Chapleau	2
Total.....		115

NOTE: Of the 70 Indians from the northwestern portion of the province 55 are under treatment at Fort William, Ontario, and 15 at Selkirk, Manitoba.

TABLE XIV

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

(Based on an average cost of \$3.89 per clinic examination)

Age Groups	Number of First Examinations	Total Cost of Examinations	Number of Cases Tuberculous Disease Discovered	Average Cost per Case	Number of Cases Discovered Requiring Sanatorium Treatment	Average Cost of Discovering a Case Requiring Sanatorium Treatment
0 to 4	310	\$1,205.90	12	\$100.49	12	\$100.49
5 to 9	645	2,509.05	14	178.57	7	357.14
10 to 14	712	2,769.68	9	307.74	8	346.21
15 to 19	891	3,465.99	23	150.86	20	173.29
20 to 24	794	2,088.66	18	171.59	13	237.58
25 to 29	749	2,913.61	15	194.24	10	291.36
30 to 39	1,386	5,391.54	41	131.50	20	269.57
40 to 49	822	3,197.58	24	133.23	7	456.79
50 to 59	464	1,804.96	29	62.24	9	200.55
60 to 69	269	1,046.41	29	36.08	13	80.49
70 and over	83	322.87	11	29.35	5	64.57
Totals	7,125	\$27,716.25	225	\$123.18	124	\$223.51

TABLE XV

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

(Based on an average cost of \$3.89 per clinic examination)

Number of repeat examinations	6,720
Cost of this service	\$26,140.80
Number of new cases of tuberculosis discovered	50
Average cost per case	\$523.80
*Number cases recommended for sanatorium	105
Average cost per case	\$248.96

*Some of these were known cases who had become reactivated.

The cost of discovering new cases of tuberculosis is rising, chiefly because the incidence is decreasing.

MISCELLANEOUS

1. 2,312 chest films were interpreted in the Central Office for various agencies: public hospitals, industrial schools and private physicians.
2. 219 chest films were reported on recruits rejected because of pulmonary or suspected tuberculosis.
3. 2,153 films were taken in the Central Office: 805 on civil servants; 526 on employees in industry; 317 on persons referred by private physicians; 229 on persons referred by staff physicians; 104 on members of staff of hospitals having no X-ray facilities; 59 on students of the University of Toronto; 45 on Public Health Nurses of the City of Toronto and adjoining municipalities; 26 on recruits referred to the office for recheck; 19 on ex-patients of sanatoria in receipt of free sanatorium care from the Department; 12 on persons whose families were in receipt of Mothers' Allowances because of tuberculosis; and 11 on school children referred because of their reaction to tuberculin.

The number of films of the lungs forwarded to the Central Office for interpretation is steadily increasing.

B

REPORT OF MASS X-RAY SURVEYS CONDUCTED BY THE
DIVISION OF TUBERCULOSIS PREVENTION
ONTARIO DEPARTMENT OF HEALTH
1944

Mass surveys, using 4" x 5" miniature films, were conducted in various sections of Ontario, 96,926 individuals receiving an x-ray film of their lungs. Included in this group are 21,818 school teachers, as well as the students attending the five Ontario Universities, the Ontario College of Education and the eight normal schools. The survey of Federal civil servants employed in Ottawa, which was begun in September, 1943, was completed in 1944. In addition, the employees of 92 industrial concerns located in fifteen different localities were examined; in six of these centres arrangements were made whereby residents of the municipality not engaged in industry could attend.

The first large-scale mass survey of an entire community was conducted in the Porcupine Mining Camp in September and October. The non-mining population over sixteen years of age and all tuberculin reactors among the school children were x-rayed, the miners being examined annually by the Workmen's Compensation Board. The co-operation of the residents in this area was most satisfactory as ninety per cent of those people contacted by the canvassers presented themselves at the Clinic.

In 1944 the incidence of tuberculosis was 1.1% which was slightly lower than that of the two previous years; however, the percentage of active cases of tuberculosis was somewhat higher, being .18% or 1.8 per thousand.

An analysis of the disposition of active cases of tuberculosis shows that 63.8% of those living in Ottawa and Carleton County were admitted to sanatorium as compared to 84% elsewhere in the Province. This disparity is due to the shortage of sanatorium beds in Eastern Ontario.

TABLE XVI

MASS X-RAY SURVEYS—1944

(Including Teachers and Ottawa Federal Civil Service)

1. Total number X-rayed.....			96,926
2. No evidence of disease or abnormality.....	93,645	—	96.6%
3. Pulmonary Tuberculosis (Active and Inactive) (including four cases of pleurisy with effusion).....	1,034	—	1.1%
4. Pulmonary Tuberculosis suspects.....	79	—	.1%
5. Other abnormal chest conditions.....	2,168	—	2.2%
	96,926		100%

6. CLASSIFICATION OF PULMONARY TUBERCULOSIS

	Active	Activity Questionable	Inactive	Total
Minimal.....	78	66	571	715
Moderately Advanced.....	71	43	164	278
Far Advanced.....	22	2	13	37
	171	111	748	1,030
7. Active Tuberculosis:				
Pulmonary.....	171			
Pleurisy with effusion.....	4			
	TOTAL.....	175	— .18% of total number X-rayed	

TABLE XVII
SUMMARY ACCORDING TO LOCALITIES

Place	Number X-rayed	No Disease Abnor- mality	Suspects	PULMONARY TUBERCULOSIS										Pleurisy with Effusion	Total No. Tuber- culosis	% of No. X-rayed	Other Condi- tions
				Minimal		Mod. Advanced		Far Advanced									
				Act.	Act. Ques.	Inact.	Inact.	Act.	Act. Ques.	Inact.	Inact.	Act.	Act. Ques.					Inact.
Batawa.....	840	807	1	1	2	6	..	..	..	..	..	..	..	..	9	1.1	23
Bowmanville.....	343	330	..	2	..	1	..	..	1	..	..	..	..	..	4	1.1	9
Collingwood.....	1,310	1,273	..	2	..	7	1	..	4	..	..	..	..	..	14	1.1	23
Cornwall.....	3,138	3,042	5	2	..	26	4	..	5	..	..	..	1	..	38	1.2	53
Fort William.....	3,482	3,358	1	3	1	11	..	1	3	2	1	2	..	..	24	.7	99
Hamilton.....	313	308	..	..	..	2	..	..	..	..	..	..	..	..	2	.6	3
Kingston.....	903	887	..	..	..	3	..	2	..	..	..	..	..	..	5	.5	11
London.....	2,270	2,190	..	..	1	9	..	..	4	..	..	..	..	..	14	.6	66
Oshawa.....	2,396	2,327	1	2	1	12	..	1	..	2	..	..	..	..	18	.8	50
Ottawa.....	26,203	25,226	27	42	33	184	35	19	68	14	1	4	1	1	401	1.5	549
Pembroke.....	1,840	1,796	..	..	..	4	3	..	..	1	..	..	..	1	9	.5	35
Peterborough.....	7,504	7,205	11	2	5	33	5	5	10	1	..	1	..	..	62	.8	226
Port Arthur.....	2,932	2,841	2	2	2	15	3	2	1	..	..	1	..	..	26	.9	63
Timmins.....	8,924	8,633	5	8	8	29	7	6	9	2	..	2	2	2	73	.8	213
Toronto.....	11,768	11,373	6	7	9	80	5	3	31	..	..	1	..	..	136	1.2	253
School Teachers....	21,818	21,120	20	5	4	148	7	4	28	..	..	1	..	..	197	.9	481
Student Teachers..	942	929	..	..	..	1	1	..	..	..	..	..	..	..	2	.2	11
Totals.....	96,926	93,645	79	78	66	571	71	43	164	22	2	13	4	4	1,034	1.1	2,168

TABLE XVIII
 CASES OF ACTIVE TUBERCULOSIS
 (According to Localities)

Place	Number X-rayed	Minimal	Moderately Advanced	Far Advanced	Pleurisy with Effusion	Total	% of No. X-rayed
Batawa.....	840	1	..	..	..	1	.12
Bowmanville.....	343	2	..	..	..	2	.58
Collingwood.....	1,310	2	1	..	..	3	.23
Cornwall.....	3,138	2	4	..	..	6	.19
Fort William.....	3,482	3	..	2	..	5	.14
Hamilton.....	313	..	..	..	..	..	...
Kingston.....	903	..	..	..	..	..	...
London.....	2,270	..	..	..	..	..	...
Oshawa.....	2,396	2	..	2	..	4	.17
Ottawa.....	26,203	42	35	14	1	92	.35
Pembroke.....	1,840	..	3	1	1	5	.27
Peterborough.....	7,504	2	5	1	..	8	.10
Port Arthur.....	2,932	2	3	..	..	5	.17
Timmins.....	8,924	8	7	2	2	19	.21
Toronto.....	11,768	7	5	..	..	12	.10
School Teachers.....	21,818	5	7	..	..	12	.05
Normal School Students.....	942	..	1	..	..	1	.10
Total.....	96,926	78	71	22	4	175	.18

TABLE XIX

PERCENTAGE OF CLASSIFICATION OF ACTIVE TUBERCULOUS CASES
IN RELATION TO TOTAL NUMBER OF ACTIVE CASES

	Number	Percentage
Pulmonary:		
Minimal.....	78	44.5
Moderately Advanced.....	71	40.6
Far Advanced.....	22	12.6
Pleurisy with Effusion.....	4	2.3
TOTAL.....	175	100%

PERCENTAGE OF ACTIVE TUBERCULOUS CASES IN RELATION TO TOTAL NUMBER OF ALL
TUBERCULOUS CASES.....16.9%

TABLE XX

ANALYSIS OF ACTIVE CASES ACCORDING TO AGE GROUPS

SEX	10 to 14	15 to 19	20 to 24	25 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 and over	TOTAL	Percent- age %
Male.....	2	3	8	8	21	15	14	7	1	79	45.1
Female.....	1	19	30	20	17	7	2	..	..	96	54.9
TOTAL.....	3	22	38	28	38	22	16	7	1	175	
Percentage %....	1.7	12.6	21.7	16.0	21.7	12.6	9.1	4.0	.6		100

TABLE XXI

ABNORMAL THORACIC CONDITIONS FOUND AND REPORTED

Healed primary infection.....	472
Previously healed pleurisy.....	736
Abnormal hearts.....	205
Probable new growth.....	19
Atelectasis.....	30
Bronchiectasis.....	5
Atypical pneumonia.....	54
Dust inhalation.....	59
Non-tuberculous scarring.....	73
Spinal deformities.....	52
Diaphragmatic hernia and eventration of the diaphragm.....	25
Spontaneous pneumothorax.....	2
Probable fungus infection.....	10
Non-tuberculous basal disease.....	33
Chronic bronchitis and emphysema.....	5
Accentuated lung markings.....	327
Previous lobectomy.....	3
Substernal thyroid.....	10
Asthma.....	3
Probable cyst.....	10
Mediastinal pathology.....	4
Not diagnosed.....	4

2,168

TABLE XXII
DISPOSITION ACCORDING TO RESIDENCE

Cases of active tuberculosis.....	175
Cases of questionably active tuberculosis recommended for investigation in sanatorium.....	5
TOTAL.....	180

	Ottawa and Carleton County	Elsewhere in Ontario	Hull, Que.	Total
Number.....	88	83	9	180
Recommended for Sanatorium....	*80	†81	‡8	§169
DISPOSITION				
Admitted to sanatorium.....	*51	†68	‡2	§121
Treated at home.....	23	8	4	35
Disposition pending.....	1	1	..	2
Disposition unknown.....	3	2	1	6
Refused treatment.....	6	3	2	11
Allowed to continue work under supervision.....	4	..	..	4
Died before admission.....	..	1	..	1
TOTAL.....	88	83	9	180

§71.6% of the total number recommended for sanatorium have been admitted.

*Ottawa and Carleton County—63.8% of those recommended for sanatorium have been admitted.

†Elsewhere in Ontario—84% of those recommended for sanatorium have been admitted.

‡Hull, Que.—25% of those recommended for sanatorium have been admitted.

TABLE XXIII
ADMISSION TO SANATORIUM
(According to Locality)

PLACE	Royal Ottawa	St. Lawrence	Toronto Hospital	Muskoka	Mountain	Niagara Peninsula	St. Mary's on-the-Lake	Fort William	Queen Alexandra	Brant	Freeport	Convent Hospital, Ottawa	General Hospital	Other Provinces	Total Admitted	Recom- mended for Sanatorium	Percentage Admitted of Number Recommen- ed
Batawa.....	1	..	..	..	..	..	1	1	100
Bowmanville.....	2	0
Collingwood.....	3	..	..	..	..	..	..	..	..	..	..	3	3	100
Cornwall.....	..	3	..	..	..	..	..	..	..	..	..	..	..	..	3	6	50
Fort William.....	4	..	..	..	..	..	2	6	6	100
London.....	1	..	..	..	..	..	1	1	100
Oshawa.....	1	..	1	..	..	..	..	2	..	..	..	..	4	4	100
Ottawa.....	16	5	3	6	..	..	..	..	6	3	2	..	..	7	48	83	58
Pembroke.....	1	..	1	..	..	..	..	..	1	..	3	5	60
Peterborough.....	2	..	..	..	2	1	1	..	..	..	6	7	86
Port Arthur.....	6	..	..	..	..	..	..	6	8	75
Timmins.....	1	5	..	3	..	8	..	..	..	..	..	17	18	95
Toronto.....	3	1	6	..	..	..	1	1	..	..	..	..	12	12	100
Teachers.....	1	..	1	..	1	1	..	..	2	..	..	3	1	..	10	12	83
Student Teachers.....	1	..	..	..	..	..	..	..	..	..	..	1	1	100
Total.....	17	8	8	12	16	1	4	10	21	7	3	3	2	9	121	169	71.6

TABLE XXIV

MASS X-RAY SURVEYS—1942-1943-1944

(Including School Teachers, Student Teachers and Ottawa Civil Service)

	1942		1943		1944	
	Number	Percent- age No. X-rayed	Number	Percent- age No. X-rayed	Number	Percent- age No. X-rayed
Number X-rayed.....	30,835	100.0	77,806	100.0	96,926	100.0
No disease or abnormality	29,818	96.7	74,624	96.0	93,645	96.6
Pulmonary tuberculosis (active and inactive)....	428	1.4	1,084	1.4	1,030	1.1
Pleurisy with effusion.....	....	....	2	.003	4	.004
Active tuberculosis.....	52	0.17	122	.16	175	.18
Other abnormal conditions.	589	1.9	2,096	2.6	2,247	2.2

PERCENTAGE OF CLASSIFICATION OF ACTIVE TUBERCULOUS CASES
IN RELATION TO TOTAL NUMBER OF ACTIVE CASES

	1942		1943		1944	
	Number	%	Number	%	Number	%
PULMONARY TUBERCULOSIS						
Minimal.....	30	58	62	50.8	78	44.5
Moderately Advanced.....	21	40	41	33.6	71	40.6
Far Advanced.....	1	2	17	14.0	22	12.6
Pleurisy with Effusion.....	..	...	2	1.6	4	2.3
TOTAL.....	52	100	122	100	175	100

PERCENTAGE OF ACTIVE TUBERCULOUS CASES IN RELATION
TO TOTAL NUMBER OF ALL TUBERCULOUS CASES

1942	1943	1944
12%	11.1%	16.9%

TABLE XXV
 MASS X-RAY SURVEYS—1942-1943-1944
 (Including Teachers and Federal Civil Service)

1. Number of individuals X-rayed.....		205,423
2. Number with no disease or abnormality.....	197,930 = 96.4%	
3. Number with pulmonary tuberculosis.....	2,534 = 1.2%	
4. Number with other abnormal conditions.....	4,959 = 2.4%	
	<u>205,423</u>	<u>100%</u>

CLASSIFICATION OF CASES OF PULMONARY TUBERCULOSIS

	Active	Questionably Active	Inactive	Total
5. Minimal.....	161	177	1,533	1,871
Moderately Advanced.....	136	72	368	576
Far Advanced.....	47	7	33	87
	<u>344</u>	<u>256</u>	<u>1,934</u>	<u>2,534</u>
6. Active Cases = 344 = 13% of total number of cases of pulmonary tuberculosis.				
Minimal = 161 = 47% of active cases found.				
Moderately Advanced = 136 = 39% of active cases found.				
Far Advanced = 47 = 14% of active cases found.				

NUMBER OF CASES OF PULMONARY TUBERCULOSIS PER THOUSAND
 PERSONS X-RAYED

7.	Active	Questionably Active	Inactive	Total
	1.7	1.2	9.4	12

TABLE XXVI—Continued
SUMMARY OF CLINIC EXAMINATIONS—SANATORIUM EXTENSION AND MUNICIPAL CHEST CLINICS—1944

	TORONTO CLINICS											Totals									
	Hospital for Sick Children	St. Michael's Hospital	St. Joseph's Hospital	Women's College Hospital	Toronto General Hospital	Western Hospital	Gage Institute	Brantford Sanatorium	Cornwall Sanatorium	Fort William Sanatorium	Cravenhurst Sanatorium		Halleybury Sanatorium	Hamilton Sanatorium	Kingston Sanatorium	Kitchener Sanatorium	London Sanatorium	Ottawa Sanatorium	St. Catharines Sanatorium	Windsor Sanatorium	Windsor City Clinic
Active.....	3	2	0	0	0	0	0	1	3	8	0	0	6	12	11	12	6	n/s	5	0	69
2. Extra-Pulmonary Tuberculosis Inactive.....	30	6	2	0	4	12	3	12	24	2	1	10	92	0	15	56	2	n/s	26	24	321
3. Non-Tuberculous Chest Conditions.....	176	74	29	20	37	119	57	18	24	108	13	1	116	32	146	309	55	n/s	21	0	1355
4. Suspects.....	16	37	10	2	14	19	695	14	61	26	7	5	1	22	10	0	36	n/s	5	6	986
5. Undiagnosed.....	40	1	0	0	7	12	0	0	4	12	10	0	31	1	6	6	19	n/s	2	0	151
6. No Tuberculous Disease.....	2161	3074	667	106	2574	5536	1977	219	554	1044	87	38	1648	324	624	565	436	n/s	268	385	22287
Total Number of Re-Examinations.....	2646	3525	780	133	2922	6115	3700	488	1289	2591	202	115	3383	647	1795	1569	3905	5181	809	855	42450
8. Total Number of Individuals Re-Examined.....	1128	614	166	32	618	971	2025	450	856	1572	177	22	3099	509	1133	1169	1141	2967	568	675	19892
III. TOTAL NO. EXAMINATIONS.....	2898	3797	877	167	3108	6371	6865	1196	1846	3752	543	222	5772	1026	3788	2819	5374	10623	1696	1801	64341
IV. NEWLY DISCOVERED CASES OF TUBERCULOSIS:																					
1. First Examination:	42	19	6	0	19	14	52	20	31	81	9	10	43	14	51	34	n/s	94	43	44	616
Active.....	17	1	2	0	0	7	70	81	64	198	26	27	293	16	59	34	n/s	126	119	50	1190
Inactive.....	6	1	0	0	2	1	32	10	15	13	5	4	21	5	9	19	17	31	3	39	233
2. Repeat Examination.....	65	21	8	0	21	22	154	113	110	292	40	41	357	35	119	87	n/s	251	165	133	2022

TABLE XXVII
CLASSIFICATION OF NEW CASES FOUND AT SANATORIUM EXTENSION AND MUNICIPAL CLINICS—1944

CLASSIFICATION	TORONTO CLINICS											Totals											
	Women's College	St. Michael's Hospital	Toronto Western Hospital	Toronto General Hospital	St. Joseph's Hospital	Hosp. for Sick Children	Gage Institute	Brantford Sanatorium	Cornwall Sanatorium	Fort William Sanatorium	Gravenhurst Sanatorium		Halleybury Sanatorium	Hamilton Sanatorium	Kingston Sanatorium	Kitchener Sanatorium	London Sanatorium	Ottawa Sanatorium	St. Catharines Sanatorium	Windsor Sanatorium	Windsor Municipal Clinic		
CHILDHOOD (Primary Infection)	Active	0	0	0	0	0	0	0	4	4	10	0	5	8	1	3	Information not available				4	98	
	Inactive	0	0	1	0	0	12	0	31	25	41	4	6	59	3	3	12					0	288
MINIMAL	Active	0	2	8	4	3	6	28	9	14	18	4	3	13	8	13	19					20	214
	Inactive	0	1	5	0	2	0	18	16	23	141	17	12	150	9	32	15					22	578
MODERATELY ADVANCED	Active	0	8	5	13	2	4	22	10	11	19	5	3	11	5	17	11					24	217
	Inactive	0	0	1	0	0	0	25	8	8	11	1	4	45	1	12	2					13	151
FAR ADVANCED	Active	0	7	2	4	1	0	32	4	4	7	0	2	22	2	6	9					16	157
	Inactive	0	0	0	0	0	0	15	2	2	1	0	1	23	0	3	2					9	65
NON-PULMONARY TUBERCULOSIS (Including Pleurisy)	Active	0	3	0	0	0	3	2	3	5	14	3	1	10	3	10	11					19	118
	Inactive	0	0	0	0	0	5	12	24	15	4	6	4	16	3	9	3					6	119

SUMMARY OF NUMBER OF CLINIC EXAMINATIONS
IN ONTARIO—1944

1. Department's Travelling Clinics.....	13,815
2. Mass Surveys:	
(a) Conducted by Division of Tuberculosis Prevention.....	96,926
(b) Conducted by Division of Industrial Hygiene.....	44,966
3. Municipal and Extension Clinics.....	64,341
	220,048

PART II

INFORMATION RE TUBERCULOSIS AMONG RECRUITS AND
ENLISTED MEN AND WOMEN

TABLE XXVIII

RECRUITS REJECTED BECAUSE OF TUBERCULOUS DISEASE
(Residents of Ontario)

		1939-40	1941	1942	1943	1944	Total
Childhood (Primary Infection)	Active	0	0	0	1	0	1
	Inactive	6	3	6	11	4	30
Minimal	Active	19	27	67	62	31	206
	Inactive	83	106	306	308	191	994
Moderately Advanced	Active	37	38	60	62	35	232
	Inactive	25	14	42	62	55	198
Far Advanced	Active	3	14	11	13	9	50
	Inactive	2	2	0	5	5	14
Pleurisy with Effusion.....		0	0	2	2	1	5
TOTAL.....		175	204	494	526	331	1,730

Total active cases of Tuberculosis..... 494
 Total inactive cases of Tuberculosis..... 1,236
 25 of the active and 30 of the inactive cases were women.
 41.7% of the active cases had minimal disease.
 46.9% of the active cases had moderately advanced disease.
 10.1% of the active cases had far advanced disease.
 1.0% had pleurisy with effusion.

TABLE XXIX

ENLISTED MEN AND WOMEN REPORTED WITH
TUBERCULOUS DISEASE

(Residents of Ontario)

	1939-40	1941	1942	1943	1944	Total	
Childhood (Primary Infection)	Active	0	0	0	1	0	1
	Inactive	2	0	0	0	0	2
Minimal	Active	40	30	36	41	75	222
	Inactive	68	8	15	9	8	108
Moderately Advanced	Active	57	15	15	55	64	206
	Inactive	25	3	1	0	1	30
Far Advanced	Active	13	3	12	24	44	96
	Inactive	1	0	0	0	0	1
Extra Pulmonary Tuberculosis...	4	13	37	14	20	88	
Pleurisy with Effusion.....	4	2	9	56	136	207	
TOTALS.....	214	74	125	200	348	961	

Total active cases of Tuberculosis..... 320

Total inactive cases of Tuberculosis..... 141

21 of the active cases were women.

27.0% of the active cases had minimal disease.

25.1% of the active cases had moderately advanced disease.

11.7% of the active cases had far advanced disease.

10.7% of the active cases had extra pulmonary tuberculosis.

25.2% had pleurisy with effusion.

TABLE XXX

RECORD OF SANATORIUM TREATMENT AMONG ENLISTED MEN AND
WOMEN AND RECRUITS

(January 1, 1940-December 31, 1944)

	Number Admitted to Sanatorium	Number Discharged from Sanatorium	Number under Treatment as of December 31, 1944
1. Enlisted Men and Women:			
(1) Residents of Ontario.....	807	516	291
(2) Non-residents.....	170	137	33
ii. Recruits (not attested).....	459	361	98

PART III

RECORD OF TUBERCULIN TESTING AND X-RAYING OF GRADUATE
AND NON-GRADUATE NURSES IN PUBLIC AND RED CROSS
HOSPITALS, HOSPITALS FOR INCURABLES AND
SANATORIA—1944

TABLE XXXI

	INSTITUTIONS REPORTING	Number Reported	Number Tuberculin Reactors	Percentage Tuberculin Reactors %	Number X-rayed	Number Previously Known Cases of Tuberculous Disease	Number Newly Discovered Cases of Tuberculous Disease	Percentage of Total with Newly Discovered Tuberculous Disease %
GRADUATES	Public and Red Cross Hospitals	3,846	2,375	61.7	2,805	11	4	.10
	Hospitals for Incurables	117	54	46.1	18	1	0	...
	Sanatoria	570	538	94.3	541	42	0	...
	Totals	4,533	2,967	65.4	3,364	54	4	.09
NON-GRADUATES	Public and Red Cross Hospitals	5,740	2,020	35.2	2,737	1	19	.33
	Hospitals for Incurables	191	77	40.4	30	0	0	...
	Sanatoria	234	184	78.6	177	32	2	.85
	Totals	6,165	2,281	36.9	2,944	33	21	.34

TABLE XXXII

RECORD OF NEWLY DISCOVERED CASES OF TUBERCULOSIS
FOUND AMONG NURSES EMPLOYED IN PUBLIC HOS-
PITALS AND SANATORIA—1940-1944

	Year	Number Nurses Reported Upon	Cases of Tuberculosis	Number New Cases of Tuberculosis in need of Active Treatment	Percentage of Total with New Disease %
GRADUATES	1940	3,490	9	6	.26
	1941	3,968	12	11	.30
	1942	4,290	9	8	.21
	1943	4,753	9	8	.19
	1944	4,533	4	4	.09
NON-GRADUATES	1940	5,475	23	21	.42
	1941	5,685	32	31	.56
	1942	5,762	18	18	.31
	1943	5,703	14	14	.24
	1944	6,165	21	21	.34

GRADUATE NURSES

1. NEWLY DISCOVERED TUBERCULOUS DISEASE:

- 1 Pleurisy with effusion..... Treated at home
 2 Minimal, active..... Entered sanatorium
 1 Moderately advanced, active..... Entered sanatorium
 All of the newly discovered cases of tuberculosis required treatment.

2. PREVIOUSLY KNOWN:

- 1 Tuberculosis adenitis, inactive..... Remained on duty
 26 Minimal, inactive..... Remained on duty
 21 Moderately advanced, inactive..... Remained on duty
 1 Far advanced, inactive..... Remained on duty
 None of the previously known cases of tuberculosis became reactivated.

NON-GRADUATE NURSES

1. NEWLY DISCOVERED TUBERCULOSIS DISEASE:

- 5 Pleurisy with effusion..... (a) Three entered sanatorium
 (b) Two treated at home
 15 Minimal, active..... (a) Nine entered sanatorium
 (b) Five treated at home
 (c) One treated in hospital
 1 Far advanced, active..... Entered sanatorium
 All of the 21 newly discovered cases required treatment.

2. PREVIOUSLY KNOWN:

- 1 Primary infection, inactive..... Remained on duty
 3 Non-pulmonary (1 kidney, 2 adenitis)..... Remained on duty
 12 Minimal, inactive..... Remained on duty
 * 1 Moderately advanced, active..... Entered sanatorium
 9 Moderately advanced, inactive..... Remained on duty
 7 Far advanced, inactive..... Remained on duty

*One of the previously known cases of tuberculosis became reactivated and required treatment.

NOTE: Most of the previously known cases of tuberculosis were among non-graduate nurses employed in sanatoria.

PART IV

The Provincial Government pays certain private physicians throughout the Province for pneumothorax refills given ex-sanatorium patients who are not able to pay for their treatment.

A survey was made of these patients by a physician from the central office who visited each physician to discuss the details of each case and review their chest films.

The physicians concerned welcomed the opportunity of this consultation and gave every co-operation. From the summary which follows it will be seen that, although such a survey was indicated, in a very large percentage the condition of the pneumothorax was satisfactory.

The policy of the Department in giving special instruction in sanatoria to certain interested physicians has been proven of value in that many of the persons reviewed would still have been in sanatorium if their treatments could not have been received near their homes.

TABLE XXXIII

SUMMARY OF SURVEY OF PERSONS RECEIVING PNEUMOTHORAX TREATMENT FROM PHYSICIANS APPROVED BY THE DEPARTMENT TO DO THIS WORK

1. Number of Physicians interviewed	47	
2. Number of Physicians not interviewed	7	
3. Number of Pneumothorax Cases reviewed	438	
Unilateral	390	
Bilateral	48	
Male	220	
Female	218	
4. Number of Pneumothoraces	486	
5. Recommendations:	Number	Percentage
(a) Total re-expansion	128	26.3
(Subject to a similar recommendation from the sanatorium where patient was treated.)		
Already being considered by physician	54	11.1
(b) Partial re-expansion	13	2.6
(c) Increased collapse	18	3.7
(d) Present collapse to be continued	327	67.2
6. Duration of Pneumothoraces by years:		
Under 1	12	2.4
1-2	61	12.5
2-3	106	21.8
3-4	93	19.1
4-5	73	15.0
5-6	58	11.9
6-8	50	10.2
8 and over	29	5.9

PART V
TABLE XXXIV
REASONS FOR RE-ADMISSION OF PATIENTS TO SANATORIUM—1944
(Not including patients whose last discharge was against medical advice)

	Brantford	Cornwall	Fort William	Gravenhurst	Halleybury	Hamilton	Kingston	Kitchener	London	Ottawa	St. Catharines	Weston	Windsor	Totals
Called in for review, special examination, or treatment and retained less than a month.....	..	1	1	3	1	14	2	..	4	3	2	17	7	55
Lack of proper post-sanatorium care from Municipality.....	..	..	..	1	..	..	..	..	..	..	..	..	..	1
Returned to work too soon.....	1	..	4	1	..	3	..	..	..	..	..	..	..	9
Work too strenuous.....	3	..	1	2	..	10	5	2	3	1	..	5	4	36
Disobedience in respect to rules for rest, etc.....	2	..	8	1	..	..	1	..	..	12	..	6	2	32
Found to be active on routine examination.....	5	9	15	22	7	76	10	13	11	27	2	38	33	268
Other reasons.....	3	..	5	2	..	6	..	2	104	6	14	20	14	176
Totals.....	14	10	34	32	8	109	18	17	122	49	18	86	60	577

TABLE XXXV
REASONS FOR RE-ADMISSION TO SANATORIUM

Summary of "Other" Reasons

1. Complications (e.g., effusion, hemoptysis, etc.).....	32
2. For operation or following operation.....	47
3. Developed symptoms and found to be active.....	73
4. Returned from leave or from other sanatoria or hospitals....	18
5. Discharged from other sanatorium on account of discipline....	3
6. Called in for special examination or observation.....	3
	176

PART VI

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH IN PERSONS DYING OF TUBERCULOSIS IN ONTARIO—1943

The record was obtained of persons dying of tuberculosis in Ontario in 1943 who had received sanatorium treatment within five years of death.

Table XXXVI gives the summary of the findings for deaths of all forms of tuberculosis, as well as pulmonary only; a separate tabulation being made for Indians, whites, and whites and Indians combined.

It will be noted that 71.5% of all persons dying of tuberculosis (all forms) had been in sanatorium, while 78.5% of those dying of pulmonary tuberculosis had received sanatorium treatment. (If the white population only is counted the percentages are 64.5% and 81.7% respectively.)

Tables XXXVII, XXXVIII and XXXIX give the details re the deaths from pulmonary tuberculosis in counties, districts, cities and towns.

Table XL shows the analysis of those persons (excluding Treaty Indians) who died of pulmonary tuberculosis in 1943 who had not been in sanatorium within five years of death. It will be noted that 62.0% of these were over 51 years of age, and 38.0% were over 60 years of age.

TABLE XXXVI

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH
IN PERSONS DYING OF TUBERCULOSIS IN ONTARIO IN 1943

PLACE OF RESIDENCE	WHITES AND INDIANS					
	All Forms			Pulmonary Only		
	Number of Deaths	Number Treated in Sanatorium	Percentage	Number of Deaths	Number Treated in Sanatorium	Percentage
*Districts	186	114	61.3	161	108	67.0
*Counties	272	199	73.1	245	195	79.6
Cities and Towns 5,000 and over . . .	611	453	73.9	540	439	81.5
Totals	1,069	766	71.5	946	742	78.5
	INDIANS					
*Districts	93	40	43.0	79	37	46.8
*Counties	11	6	54.5	10	6	60.0
Cities and Town 5,000 and over . . .	0	0	....	0	0	....
Totals	104	46	43.3	89	43	48.3
	WHITES					
*Districts	93	74	79.5	82	71	86.5
*Counties	261	193	73.9	235	189	80.4
Cities and Towns 5,000 and over . . .	611	453	73.9	540	439	81.5
Totals	965	720	74.5	857	699	81.7

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

RECORD OF WHITES DYING OF PULMONARY TUBERCULOSIS TREATED
IN SANATORIUM WITHIN FIVE YEARS OF DEATH

Year	Percentage Treated in Sanatorium %
1939	75.2
1940	77.2
1941	79.5
1942	78.9
1943	81.7
AVERAGE	78.5

TABLE XXXVII

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH

In Persons Dying of Tuberculosis (Pulmonary Only) Ontario, 1943

(Counties exclusive of Cities and Towns of 5,000 and Over)

COUNTY	Pulmonary Tuberculosis Deaths			*Sanatorium Treatment			Percentage Treated in Sanatorium		
	Whites	Indians	Total	Whites	Indians	Total	Whites	Indians	Total
Brant.....	5	4	9	3	3	6	60	75	66
Bruce.....	6	1	7	6	0	6	100	0	83
Carleton.....	4	0	4	2	...	2	50	...	50
Dufferin.....	4	0	4	4	...	4	100	...	100
Dundas.....	2	0	2	1	...	1	50	...	50
Durham.....	4	0	4	3	...	3	75	...	75
Elgin.....	2	0	2	2	...	2	100	...	100
Essex.....	7	0	7	6	...	6	85	...	85
Frontenac.....	7	0	7	5	...	5	71	...	71
Glengarry.....	8	0	8	7	...	7	87	...	87
Grenville.....	8	0	8	6	...	6	75	...	75
Grey.....	3	0	3	3	...	3	100	...	100
Haldimand.....	3	0	3	2	...	2	66	...	66
Haliburton.....	0	0	0	...	...	...	...	...	...
Halton.....	4	0	4	4	...	4	100	...	100
Hastings.....	5	0	5	3	...	3	60	...	60
Huron.....	6	0	6	4	...	4	66	...	66
Kent.....	10	...	10	9	...	9	90	...	90
Lambton.....	4	0	4	3	...	3	75	...	75
Lanark.....	14	0	14	11	...	11	78	...	78
Leeds.....	8	0	8	7	...	7	87	...	87
Lennox and Addington	10	0	10	10	...	10	100	...	100
Lincoln.....	3	0	3	3	...	3	100	...	100
Middlesex.....	8	0	8	7	...	7	87	...	87
Norfolk.....	6	0	6	6	...	6	100	...	100
Northumberland.....	3	0	3	2	...	2	66	...	66
Ontario.....	4	1	5	3	...	3	75	0	60
Oxford.....	3	0	3	2	...	2	66	...	66
Peel.....	4	0	4	3	...	3	75	...	75
Perth.....	4	0	4	4	...	4	100	...	100
Peterborough.....	4	0	4	3	...	3	75	...	75
Prescott.....	7	0	7	3	...	3	42	...	42
Prince Edward.....	0	0	0	...	...	...	...	...	...
Renfrew.....	4	0	4	4	...	4	100	...	100
Russell.....	5	0	5	2	...	2	40	...	40
Simcoe.....	6	3	9	4	3	7	66	100	77
Stormont.....	4	1	5	4	0	4	100	0	80
Victoria.....	2	0	2	1	...	1	50	...	50
Waterloo.....	4	0	4	4	...	4	100	...	100
Welland.....	8	0	8	7	...	7	87	...	87
Wellington.....	5	0	5	3	...	3	60	...	60
Wentworth.....	2	0	2	2	...	2	100	...	100
York.....	25	0	25	21	...	21	84	...	84
Totals.....	235	10	245	189	6	195	80%	60%	79%

*Within five years of death.

TABLE XXXVIII

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH

In Persons Dying of Tuberculosis (Pulmonary Only) Ontario, 1943

(Districts exclusive of Cities and Towns of 5,000 and Over)

DISTRICT	Pulmonary Tuberculosis Deaths			*Sanatorium Treatment			Percentage Treated in Sanatorium		
	Whites	Indians	Total	Whites	Indians	Total	Whites	Indians	Total
Algoma.....	5	7	12	5	4	9	100	60	75
Cochrane.....	22	15	37	20	7	27	91	47	73
Kenora.....	0	23	23	..	8	8	..	35	35
Manitoulin.....	1	4	5	1	2	3	100	50	60
Muskoka.....	6	0	6	6	..	6	100	..	100
Nipissing.....	9	0	9	7	..	7	77	..	77
Parry Sound.....	5	3	8	4	1	5	80	33	63
Patricia.....	1	7	8	1	3	4	100	43	50
Rainy River.....	2	2	4	2	1	3	100	50	75
Sudbury.....	3	5	8	3	2	5	100	40	63
Temiskaming.....	27	0	27	21	..	21	80	..	80
Thunder Bay.....	1	13	14	1	9	10	100	8	64
Totals.....	82	79	161	71	37	108	86.6%	46.8%	67.9

*Within Five Years of Death.

TABLE XXXIX

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH

In Persons Dying of Tuberculosis, Ontario, 1943

(Cities and Towns of 5,000 Population and Over)

CITIES AND TOWNS	Tuberculosis Deaths		*Sanatorium Treatment		Percentage Treated in Sanatorium	
	All Forms	Pulmonary	All Forms	Pulmonary	All Forms	Pulmonary
Barrie.....	1	1	1	1	100	100
Belleville.....	6	3	3	3	50	100
Brampton.....	0	0	..	..	..	..
Brantford.....	13	11	10	9	77	82
Brockville.....	5	4	3	3	60	75
Chatham.....	7	6	4	4	60	38
Cobourg.....	3	3	3	3	100	100
Collingwood.....	2	2	2	2	100	100
Cornwall.....	8	6	5	5	62	83
Dundas.....	0	0	..	..	..	..
Eastview.....	4	2	2	2	50	100
Forest Hill.....	1	1	0	0	0	0
Fort Erie.....	0	0	..	..	..	..
Fort Frances.....	3	2	3	2	100	100

TABLE XXXIX—Continued

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH

In Persons Dying of Tuberculosis, Ontario, 1943

(Cities and Towns of 5,000 Population and over)

CITIES AND TOWNS	Tuberculosis Deaths		*Sanatorium Treatment		Percentage Treated in Sanatorium	
	All Forms	Pulmonary	All Forms	Pulmonary	All Forms	Pulmonary
Fort William.....	5	4	5	4	100	100
Galt.....	3	2	3	2	100	100
Guelph.....	4	4	4	4	100	100
Hamilton.....	52	46	44	44	85	96
Hawkesbury.....	8	8	2	2	25	25
Ingersoll.....	2	1	2	1	100	100
Kenora.....	1	1	1	1	100	100
Kingston.....	13	12	10	10	75	82
Kitchener.....	7	7	7	7	100	100
Leamington.....	1	1	1	1	100	100
Lindsay.....	4	3	4	3	100	100
London.....	16	15	11	11	69	73
Long Branch.....	4	3	2	2	50	66
Midland.....	0	0	...	...	...	...
Mimico.....	1	1	0	0	0	0
New Toronto.....	1	1	1	1	100	100
Niagara Falls.....	6	6	5	5	83	83
North Bay.....	3	2	2	2	66	100
Orillia.....	1	1	1	1	100	100
Oshawa.....	3	3	2	2	66	66
Ottawa.....	79	71	54	52	68	73
Owen Sound.....	1	1	1	1	100	100
Parry Sound.....	1	1	1	1	100	100
Pembroke.....	8	7	7	7	90	100
Peterborough.....	4	4	4	4	100	100
Port Arthur.....	10	9	5	5	56	63
Port Colborne.....	2	2	1	1	50	50
Port Hope.....	1	1	1	1	100	100
Preston.....	2	2	1	1	50	50
Renfrew.....	0	0	...	...	...	...
Riverside.....	0	0	...	...	...	...
St. Catharines.....	3	3	3	3	100	100
St. Thomas.....	3	3	2	2	66	66
Sarnia.....	2	2	2	2	100	100
Sault S. Marie.....	8	6	5	4	63	66
Simcoe.....	3	3	3	3	100	100
Smiths Falls.....	5	4	3	3	60	75
Stratford.....	2	2	1	1	50	50
Sudbury.....	9	7	6	6	70	87
Swansea.....	1	1	1	1	100	100
Timmins.....	15	15	15	15	100	100
Toronto.....	223	197	157	152	70	77
Trenton.....	0	0	...	...	...	...
Waterloo.....	2	2	2	2	100	100
Welland.....	4	4	4	4	100	100
Weston.....	1	1	1	1	100	100
Whitby.....	0	0	...	...	...	...
Windsor.....	31	28	28	28	93	100
Woodstock.....	3	2	2	2	66	100
Leaside.....	0	0	...	...	...	...
Totals.....	611	540	453	439	74.0	81.3

TABLE XL

PERSONS (Excluding Indians) DYING FROM PULMONARY TUBERCULOSIS IN
ONTARIO IN 1943—NOT TREATED IN SANATORIUM WITHIN
FIVE YEARS OF DEATH

1. Analysis According to Sex and Age

AGE GROUPS	Male	Female	Total	Percentage of Total
0 to 9	2	3	5	3.3
10 to 19	4	3	7	4.5
20 to 29	4	7	11	7.1
30 to 39	8	8	16	9.6
40 to 49	15	6	21	13.4
50 to 59	23	15	38	23.6
60 to 69	25	13	38	24.3
70 to 79	12	5	17	10.9
80 and Over	2	3	5	3.3
Total	95	63	158	100.0

The fact that approximately 62% of those dying without sanatorium treatment were over 50 years of age is most significant and points to the value of examination in the older age groups, undoubtedly a major source of infection. This is further illustrated by Section 3 of the same table which shows diagnosis of tuberculosis as the cause of death was made very shortly before death or on autopsy in two-thirds of those cases.

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

AGE GROUPS	Pulmonary Tuberculosis Given as Primary Cause	Pulmonary Tuberculosis Given as Secondary Cause
0 to 9	5	2
10 to 19	5	1
20 to 29	10	3
30 to 39	13	6
40 to 49	15	8
50 to 59	31	7
60 to 69	30	3
70 to 79	14	1
80 and Over	4	
Total	127	31

3. Analysis According to Reason for not Entering Sanatorium

(a) Refused treatment.....	24
(b) Diagnosed shortly before death or at autopsy.....	105
(c) Reason not known.....	3
(d) Sanatorium treatment not considered necessary by physician or clinic....	23
(e) No answer to questionnaire.....	3

*158

*13 of the 158 had been in Sanatorium previous to the five-year period preceding death.

PART VII

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

The Department accepts responsibility for those persons who, prior to admission to sanatoria resided in unorganized territory or failed to establish residence in any municipality within the meaning of the Sanatoria for Consumptives Act. Fifty-four such persons were discharged from sanatorium in 1944. Of these 24 required assistance with board and lodging; the remaining 30 were in a position to assume responsibility for their own welfare or sufficiently recovered to return to employment immediately. However, the Department is continuing to assist financially with the payment of pneumo-thorax refills on eight persons in this group, three of whom also receive transportation to and from the pneumothorax treatment centre.

Post-sanatorium assistance to 32 persons was discontinued during the year. Suitable employment was secured by 27 of these, six were given transportation to their place of employment, and three were required to return to sanatorium. One person was transferred to the care of the Department of Welfare while one other was given transportation to his home province when considered fit for work.

Notifications in respect to patients leaving sanatorium against medical advice are also received in this office. There were 186 such cases in 1944, many of whom were persuaded to return to sanatorium, often through assistance furnished by the Division.

PART VIII

SANATORIUM STATISTICS

ADMISSIONS TO SANATORIA BY AGE GROUPS DURING 1943

	Number	Percentage
9 years and under	95	3.3
10-19 years	366	12.8
20-29 years	896	31.5
30-39 years	600	21.1
40-49 years	428	15.0
50-59 years	266	9.3
60-69 years	154	5.4
70 and over	45	1.6
	2,850	100.0

CLASSIFICATION OF ADMISSIONS TO SANATORIA
DURING THE YEAR 1943

	Number	Percentage
New Cases	2,133	74.9
Reviews	28	0.9
Readmissions	689	24.2
Total Net Admissions (excluding Transfers)	2,850	100.0
Readmissions—		
1st	468	67.9
2nd	135	19.6
3rd	86	12.5
	689	100.0

APPLICATION OF SURGERY FOR TUBERCULOUS CONDITIONS IN SANATORIA
DURING THE YEAR 1943

	Number of Patients having the Procedure	Number of Individual Operations Performed
Thoracoplasty.....	172	383
Extra-pleural Pneumothorax (apicolysis).....	24	24
Intra-pleural Pneumolysis.....	395	422
Phrenic Nerve operations.....	301	313
Rib-resections.....	12	12
Bronchoscopy.....	289	322
Pneumothorax attempted unsuccessfully (several attempts listed only as one).....	259	268
Pneumothorax established (unilateral only).....	771	756
Pneumothorax established (bilateral—unilateral made bilateral)	107	105
Pneumoperitoneum.....	55	55
Spinal Fusion operations.....	21	21
Arthrodesis operations.....	12	12
Ischiorectal operations.....	28	30
Nephrectomy.....	6	6
Epididymectomy, Orchidectomy, etc.....	5	5
Cauterization of Larynx.....	20	24
Cystoscopy.....	52	60
Others.....	516	947
	3,045	3,765

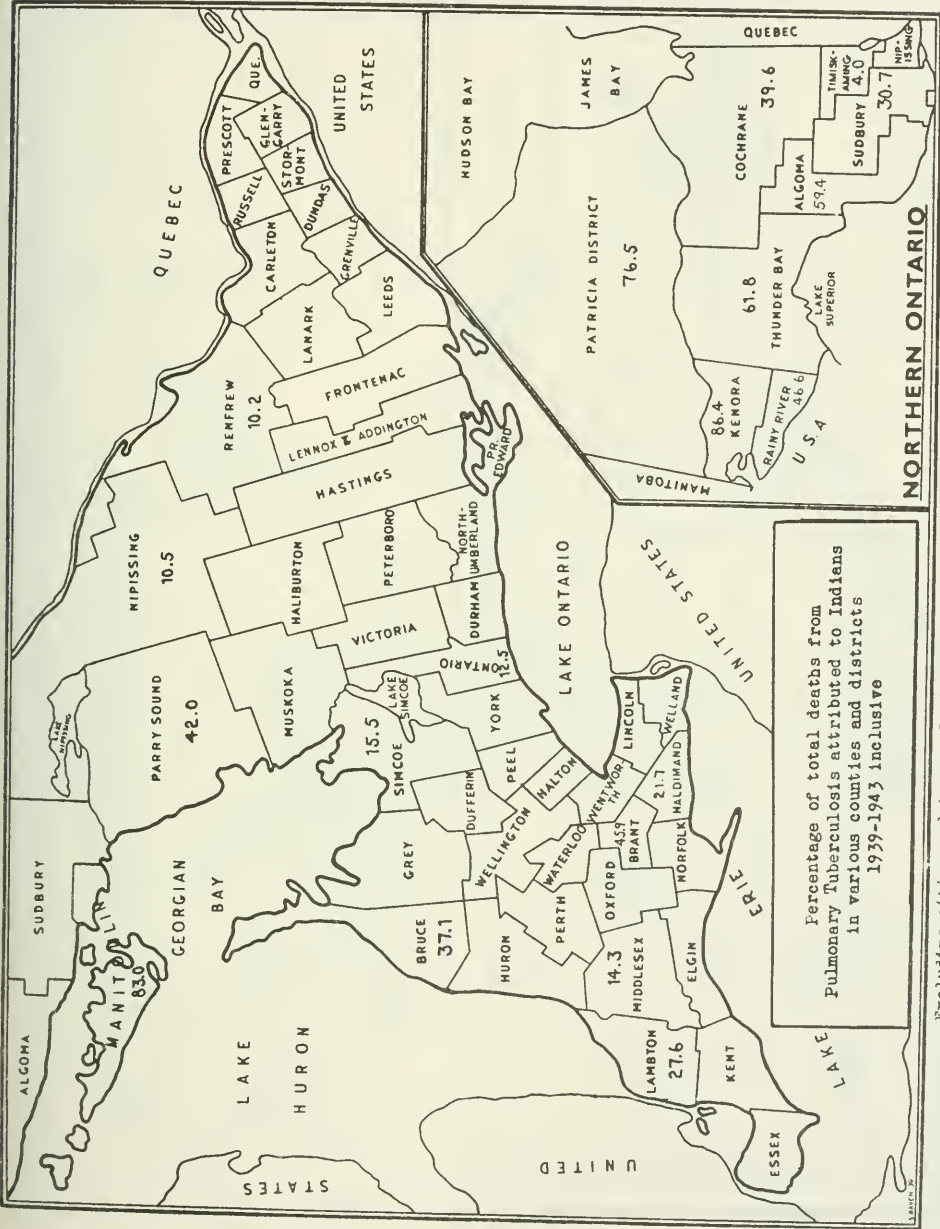
FINANCIAL STATUS OF PATIENTS IN RESIDENCE IN SANATORIA AS
OF DECEMBER 31, 1943

	Number	Percentage of Total
Payments by Patients—		
No contribution.....	2,503	77.3
\$1.00 per week.....	4	.2
More than \$1.00 to \$2.00 per week.....	25	.7
More than \$2.00 to \$3.00 per week.....	46	1.4
More than \$3.00 to \$4.00 per week.....	77	2.4
More than \$4.00 to \$5.00 per week.....	103	3.2
More than \$5.00 to \$10.00 per week.....	62	2.1
More than \$10.00 to \$11.00 per week.....	28	.8
More than \$11.00 per week.....	21	.6
	2,869	88.7
Infants born in sanatorium for whom the Province is paying \$1.00 per day.....	2	.1
Patients paid for by Workmen's Compensation Board.....	21	.6
Patients paid for by Indian Affairs Branch.....	125	3.9
Patients paid for by Department of Pensions and National Health.....	160	5.0
Others for whom no contribution was received from the Province	58	1.7
	3,135	100.0

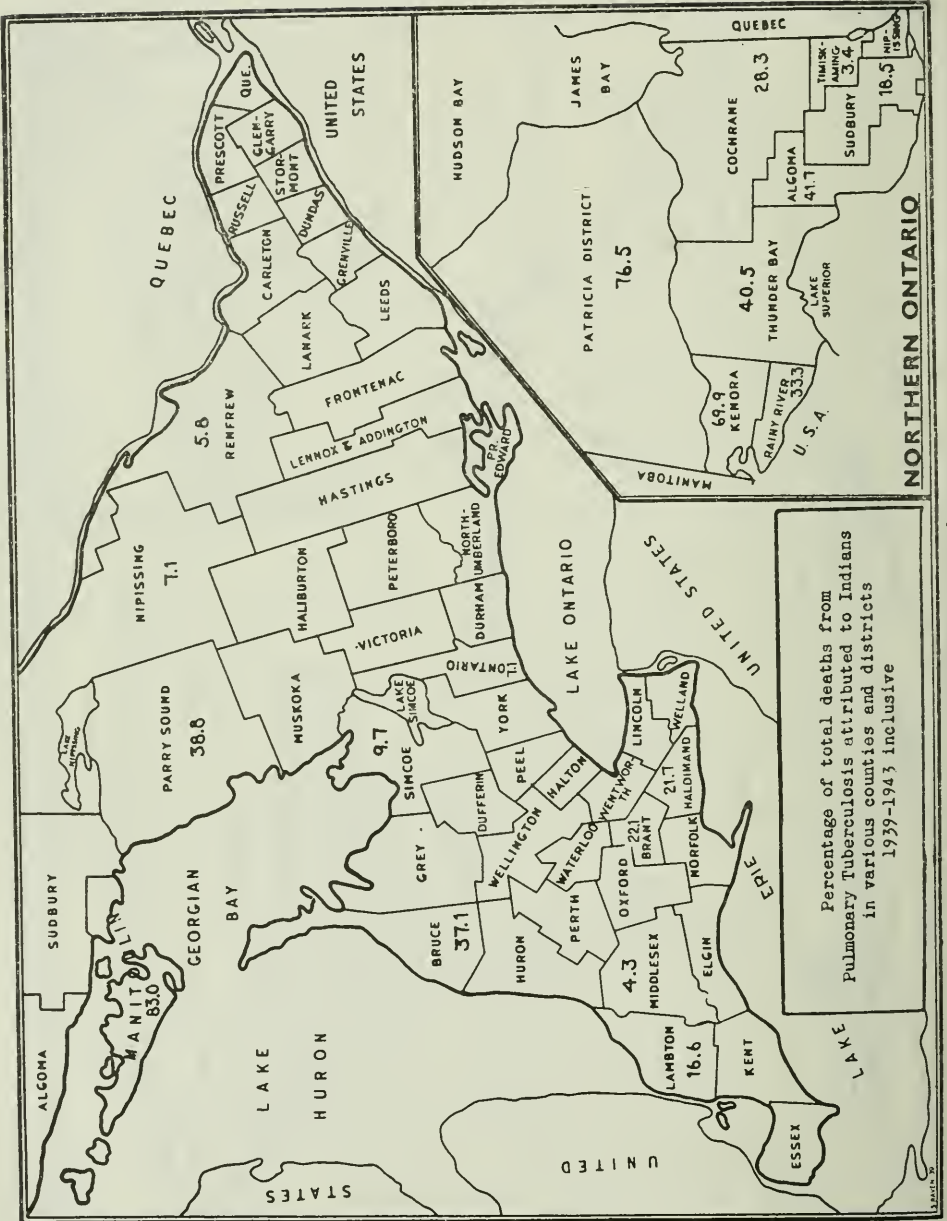
NET DISCHARGES FROM SANATORIA IN THE PROVINCE OF ONTARIO DURING THE YEAR 1943
SHOWING DIAGNOSIS ESTABLISHED AFTER ADMISSION, LENGTH OF STAY IN SANATORIA AND CONDITION
AT TIME OF DISCHARGE

(Excludes transfers to other Sanatoria and New Borns)

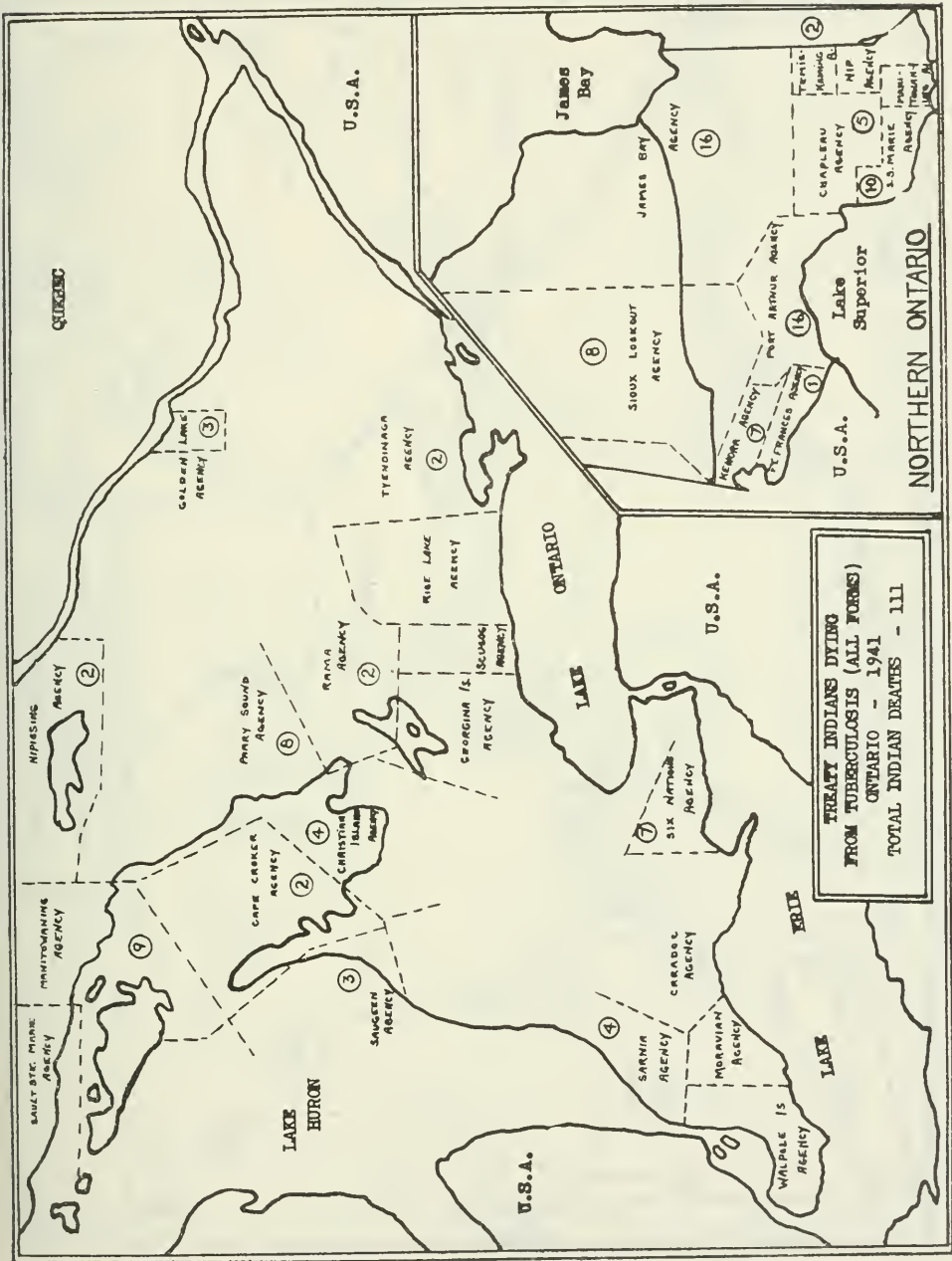
DIAGNOSIS ESTABLISHED AFTER ADMISSION	Patients Discharged		Length of Stay in Sanatorium Since Last Admission (Number in Each Period)							Condition of Patient at Time of Discharge				
	Number	% of Total	30 days or less	31 days to 6 months	Over 6 months to 1 year	Over 1 year to 2 years	Over 2 years to 5 years	Over 5 years	No evidence of Tuberculosis	Arrested	Apparently Arrested	Quiescent	Unstable or Active	Died
			5	7	Over 1 year to 6 months	Over 2 years to 1 year	Over 5 years to 2 years	Over 6 months to 5 years	Over 1 year to 2 years	9
Diagnosis not established.....	12	0.4	5	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
No evidence of Tuberculosis	46	1.5	34	11	.....	1	.....	.....	42	.....	.....	.....	2	3
(b) Positive I.C. reactors..	80	2.8	34	44	1	.....	.....	74	.....	.....	.....	.....	1	5
Presumptive evidence and/or suspect Tuberculosis.	31	1.0	14	13	2	2	.....	20	.....	.....	5	4	2	2
Tuberculosis not requiring treatment—only investigation or observation.....	56	1.9	41	15	.....	.....	.....	.....	.....	17	24	13	1	1
Childhood Tuberculosis (all types)	40	1.4	1	15	10	11	3	.....	.....	3	5	25	7	.....
(b) With extra-pul. tbc....	8	0.2	1	2	2	1	.....	.....	.....	2	.....	3	1	2
Pleurisy with Effusion	79	2.7	5	34	30	10	.....	.....	.....	5	6	61	7	.....
(b) With other tuberculosis	28	0.9	1	11	8	4	3	.....	.....	2	1	16	7	2
Minimal	405	13.9	20	155	133	77	18	2	.....	1	75	253	70	6
(b) With extra-pul. tbc....	56	1.9	5	19	9	15	8	.....	.....	2	4	23	16	11
Moderately Advanced	653	22.4	36	157	169	197	85	9	.....	8	103	385	133	27
(b) With extra-pul. tbc....	116	3.9	4	18	25	32	31	6	.....	3	12	58	19	24
Far Advanced	836	28.7	88	193	140	220	173	22	.....	4	63	294	160	318
(b) With extra-pul. tbc....	377	12.9	37	79	71	84	81	25	.....	2	20	69	51	235
Pulmonary tuberculosis only.....	100	3.5	7	25	26	23	16	3	.....	12	2	47	24	15
(b) With extra-pul. tbc....	2,923	100.0	333	798	626	678	420	68	.....	61	315	1,252	503	654
Totals.....	100.0	11.4	27.3	91.4	23.2	14.4	2.3	4.0	.....	2.1	10.0	49.8	17.2	22.4

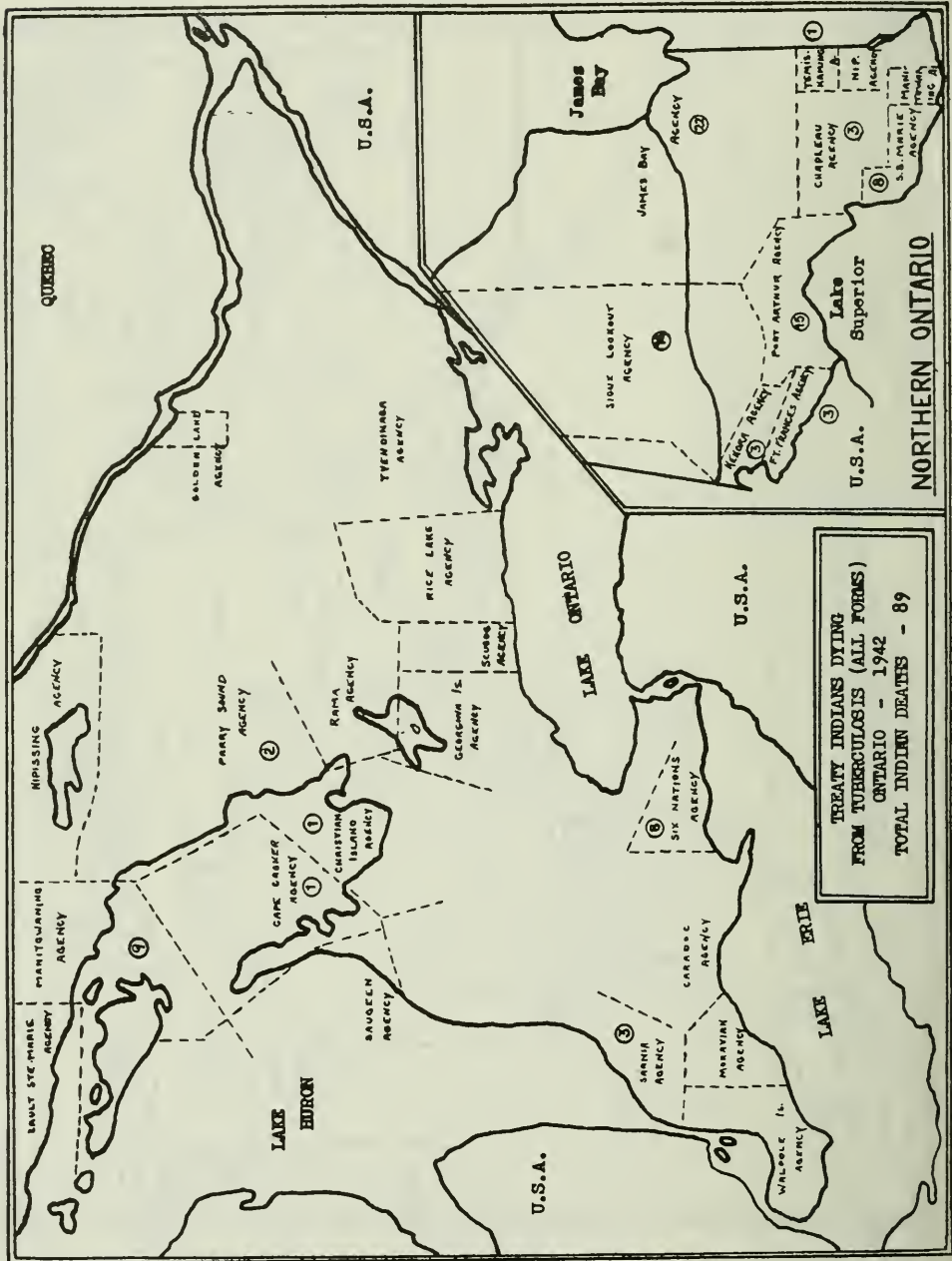


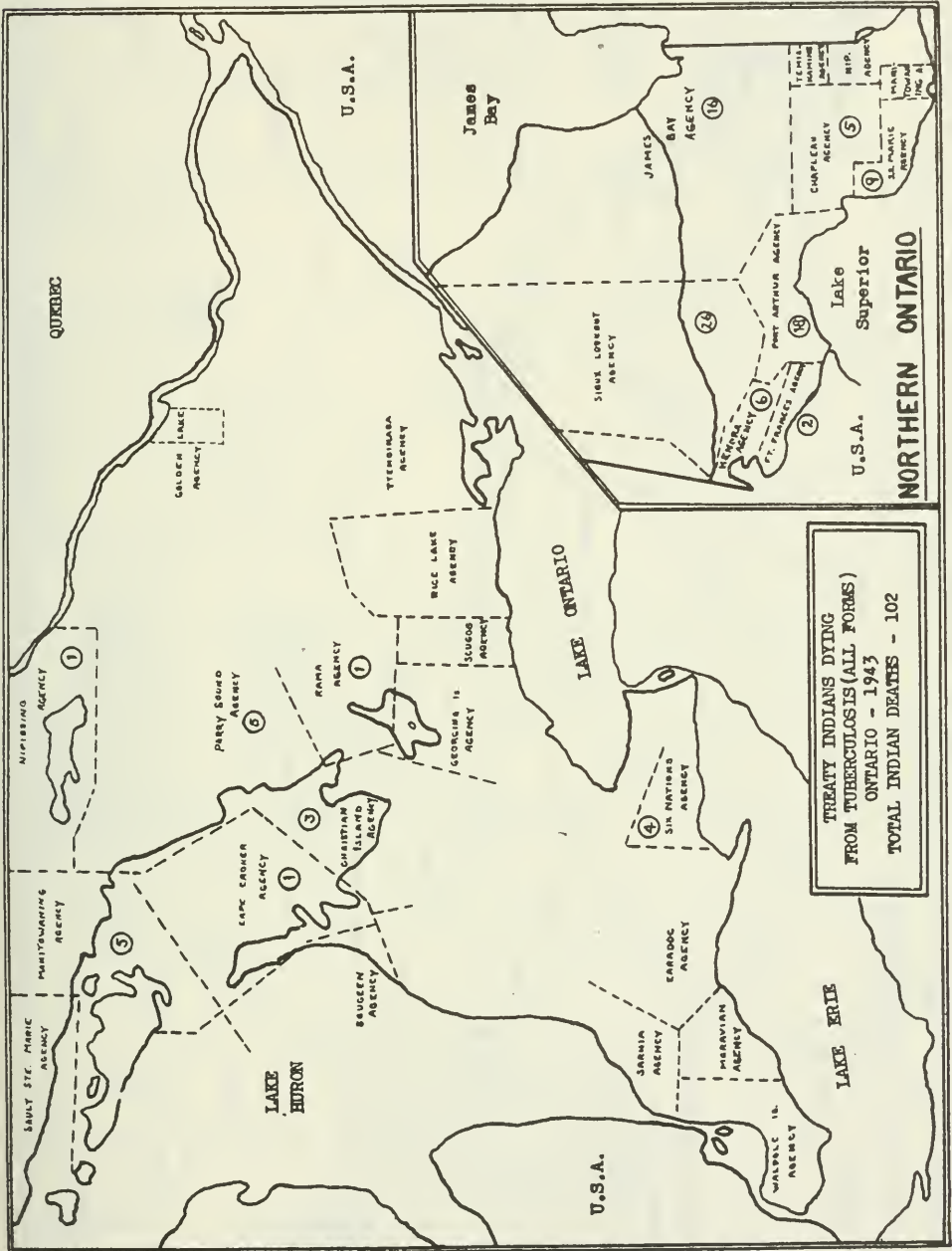
Excluding cities and towns 5,000 population and over.



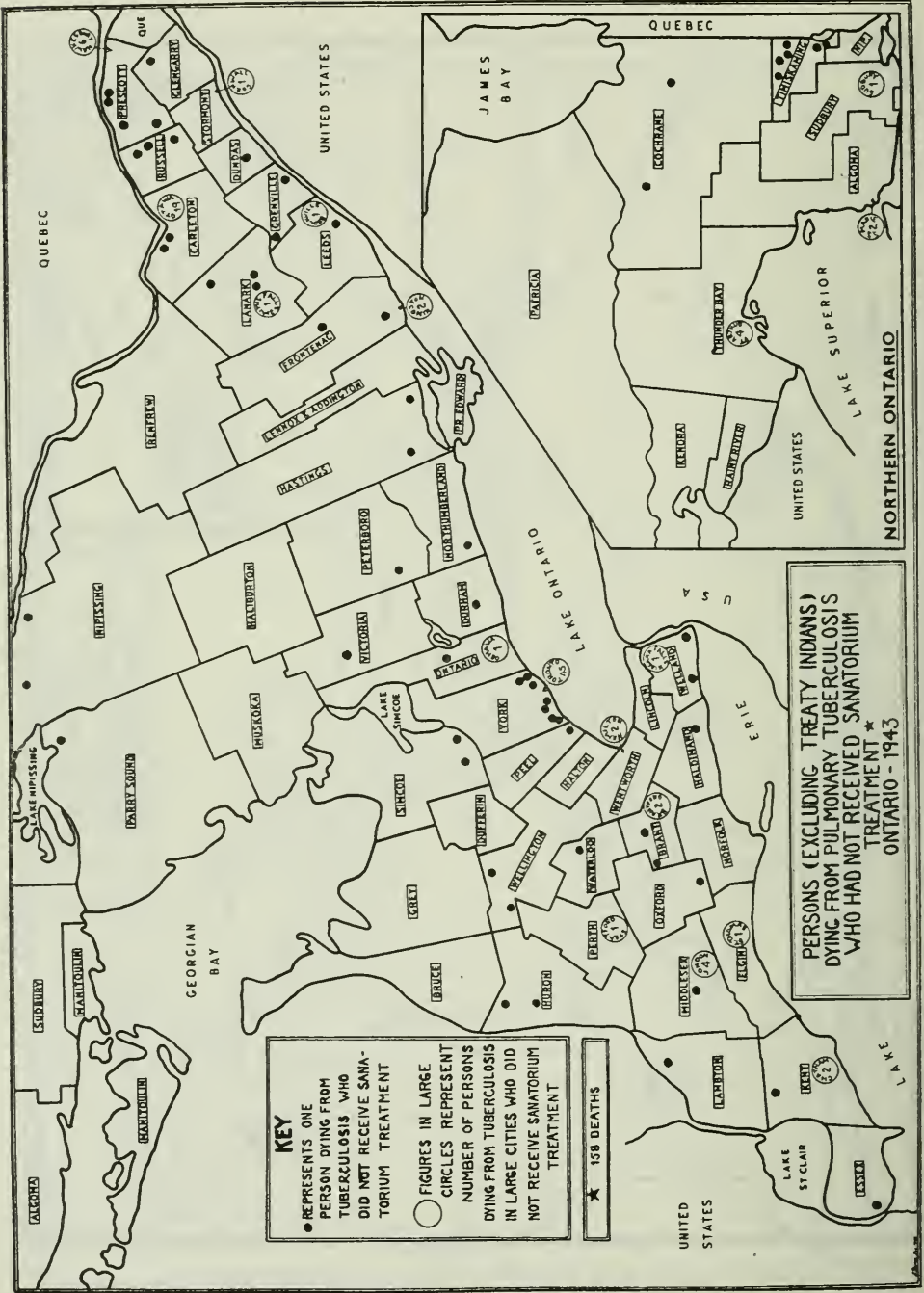
Including cities and towns, 5,000 population and over.



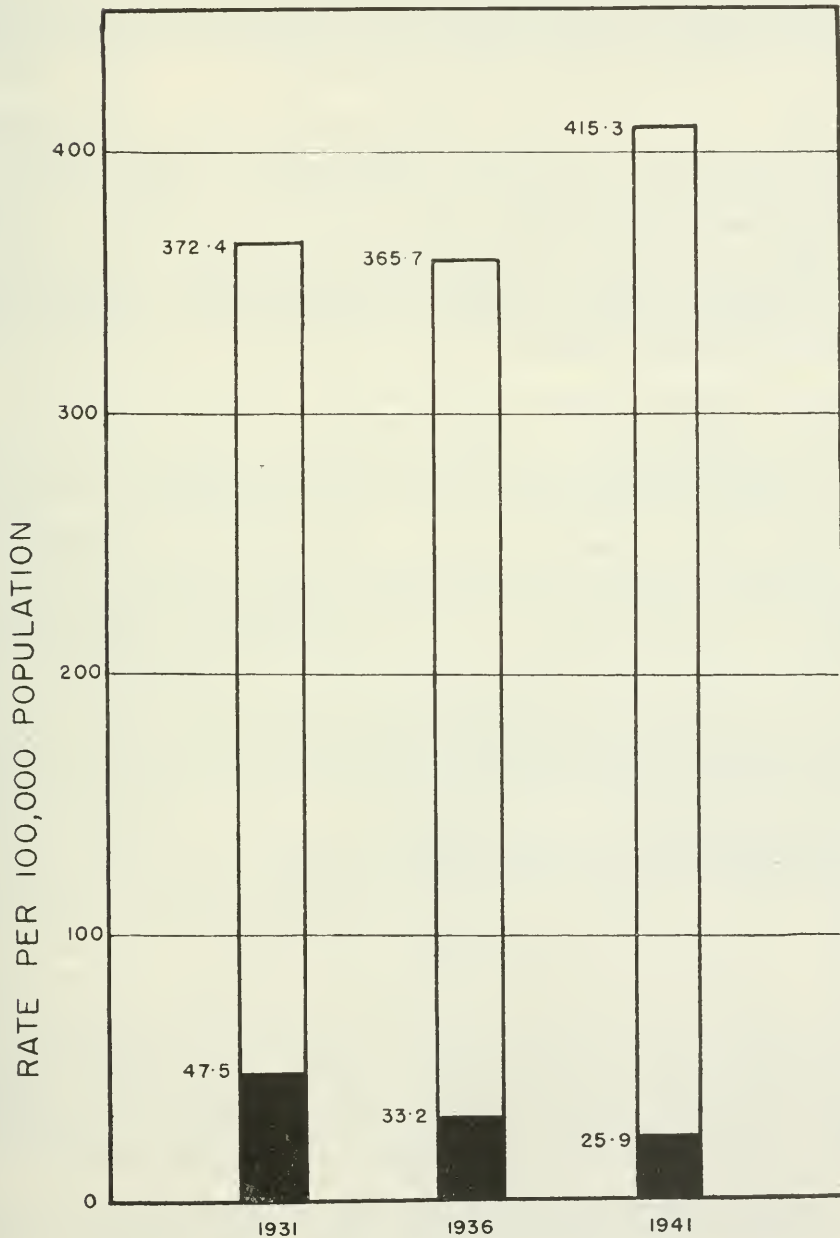




TREATY INDIANS DYING
 FROM TUBERCULOSIS (ALL FORMS)
 ONTARIO - 1943
 TOTAL INDIAN DEATHS - 102



COMPARATIVE TUBERCULOSIS DEATH RATES TREATY INDIANS AND WHITES



DIVISION OF VENEREAL DISEASE CONTROL

ANNUAL REPORT, 1944

MAJOR JOHN A. LEROUX, R.C.A.M.C., *Director*

The year of 1944 was one of re-organization within the Division, as was forecast in the report for 1943. At the beginning of the year the outline of a venereal disease preventive programme for the province was prepared. Several objectives were set for 1944 toward the development of this programme. The majority of these objectives were met during the year.

Again, in this annual report, particular notice is due to the service of all members of the staff of the Division. During the past year every member of the staff has helped in the development of the programme. The volume of work rapidly increased, bringing added responsibilities for the staff which were conscientiously and willingly assumed.

During the year liaison with the Armed Forces and with the Federal Department of National Health and Welfare provided invaluable assistance to the Division's programme in many ways. It is hoped that such a contribution will be continued during the coming year.

ADMINISTRATION

A considerable number of administrative improvements were made in the Division during 1944. The staff of the Division was extended. In April, Dr. W. Gordon Brown, previously Medical Officer of Health, Fort William, joined the staff in the position of Assistant Director. In this capacity his services have been important during the year, both in administrative duties and in the development of an effective educational programme. The division was able to obtain the services, on a part-time basis, of four medical consultants, their appointment initiating a consultative service on venereal disease to private physicians. During the year two fever nurse technicians were trained, one returned for duty on the staff of the Hamilton General Hospital, the second returned for duty with the Ottawa General Hospital. In January eight appointments of epidemiological field workers were made. Six of these nurses were sent to the Montreal School of Social Work for a three months' training course in venereal disease epidemiology given under the auspices of the Department of National Health and Welfare. These trained investigators were later attached to the local Health Departments under the direction of the Medical Officers of Health, in the cities of Kingston, London, Ottawa, Toronto and Windsor. In addition, Miss Pearl Stiver, who was on loan from the Toronto Health Department, was promoted in July to the position of Supervisor of Epidemiology in the Division of Venereal Disease Control. During the year the clerical staff of the division was increased from seven to twelve to meet the heavy demands of the expanding programme. With these staff appointments as outlined above, the majority of appointments planned for the year were made. There remained, however, need of additional full-time staff physicians, another part-time medical consultant for problems relating to syphilis, and a Supervisor of Education to carry out duties with the Assistant Director. While further clerical staff may be indicated during the coming year, present restricted office accommodation will not permit of their appointment.

At the beginning of the year office accommodation was inadequate. However, this office space was doubled later which relieved some of the over-crowding. There is continued need for additional space at the earliest moment that this can

be provided. During the year considerable new office furniture and equipment was procured which added to the efficiency of office administration. Re-decoration of the whole office was under way during the year.

Federal Grants to the Provinces:

The Federal Government continued to make available to the Department of Health grants for the aid of venereal disease control. During 1944 these grants were of three types, the first a cash grant was made of \$43,211.33; a second grant of educational material to the value of \$7,625.33 was made; and a third grant in the form of arsenical drugs to the value of \$16,604.50 was made. The division was grateful for this assistance to the venereal disease control programme of Ontario.

Records:

During the year records maintained within the division were revised. A new plan of central index of all cases coming to attention was instituted. Separate files for epidemiology were set up. A new standard Dominion of Canada notification form for venereal disease reporting was introduced in the Province in co-operation with the Division of Venereal Disease Control, Federal Department of National Health and Welfare and the Dominion Bureau of Statistics. These record changes provided more accurate data on the venereal disease problem and made for more efficient administration.

In addition to the above record changes, considerable attention was given to the accounting system for expenditures made by the Division. Of particular importance was the administrative plan placed in operation for the accounting of payments to municipalities for the treatment of indigent patients.

Legislation:

Study was given to the Venereal Diseases Prevention Act during the year. Several changes in the present Act have been recommended for enactment at the coming session of the Legislature.

Conferences:

The Director and Assistant Director attended the National Conference of Provincial Venereal Disease Control Directors held under the auspices of the Division of Venereal Disease Control, Department of National Health in Ottawa during August.

The Director attended the National Post-War Venereal Disease Control Conference in St. Louis, Missouri, during November, under the auspices of the United States Public Health Service.

MEDICAL SERVICES

Clinics:

Attention was given during the year to the improvement of existing venereal disease control clinics in Ontario. The Department provided assistance to the Hamilton General Hospital and the Women's College Hospital, Toronto, for re-construction of their present clinic facilities. This re-construction was completed during the year and has provided two well-equipped, modern and attractive clinics. The Ottawa Clinic housed previously in the inadequate quarters on Albert Street was moved to the Outpatient Department of the Ottawa Civic Hospital during December. This change provides the City of Ottawa with far more suitable clinic facilities than previously existed. During the coming year

other clinics will require to receive attention since there are several others whose present facilities are totally inadequate for the purpose for which they are designed.

In February a conference of Directors of Venereal Disease Control clinics in Ontario was held in Toronto under the auspices of the Department of Health. This conference provided opportunity to discuss clinic administration and clinical procedure with the Directors toward arriving at uniform policy in methods of operation.

There were a total of 2,422 new admissions to all clinics during 1944, as compared with 2,419 new admissions during 1943, 2,254 during 1942 and 2,121 during 1941 (Table I). This represents a slow but steady increase in attendance

TABLE I
PATIENTS ADMITTED TO VENEREAL DISEASE CONTROL CLINICS
IN ONTARIO

Showing Annual Total Venereal New Admissions by Clinics
For the Years 1941 to 1944 Inclusive

CLINIC	YEAR			
	1941	1942	1943	1944
Toronto General Hospital.....	394	347	384	391
Toronto—St. Michael's Hospital.....	388	323	402	442
Toronto Western Hospital.....	217	267	236	245
Toronto—Hospital for Sick Children.....	32	41	52	33
Toronto—Women's College Hospital.....	98	112	99	146
Toronto East General Hospital.....	30	29	33	24
Brantford.....	32	23	18	22
Fort William.....	82	76	49	89
Hamilton.....	86	156	116	103
Kingston.....	78	68	80	69
Kitchener.....	17	28	40	44
London.....	31	54	81	86
Ottawa.....	241	232	243	182
Owen Sound.....	21	21	54	23
Peterborough.....	20	25	23	14
St. Catharines.....	61	54	52	50
Sudbury.....	83	97	132	92
Sault Ste. Marie.....	85	73	69	74
Timmins.....	38	55	53	83
Windsor.....	87	173	203	210
Totals.....	2,121	2,254	2,419	2,422

at the clinics. Of the 2,422 new admissions to clinics during 1944, 983 were syphilitic infections and 1,439 were gonorrhoeal infections (Table II). This compares with 1,298 syphilis admissions and 1,121 gonorrhoeal admissions during 1943, representing a decrease of 315 in syphilis admissions and an increase of 318 in gonorrhoeal admissions. The decrease in syphilis admissions is consistent with the general experience throughout the Ontario picture of a decrease in syphilis during the year of 1944. Graph I portrays the comparative picture of volume of new admissions in the various clinics during 1944.

During 1944 the practice of collection of fees from patients attending Venereal Disease Control clinics in Ontario, which had been operating in several of those clinics, was discontinued at the request of the Department, after satisfactory arrangements were made by the Department, with the hospitals concerned, for necessary compensation in lieu of fee collection.

GRAPH I

NEW VENEREAL DISEASE ADMISSIONS TO CLINICS IN ONTARIO

For the Year 1944

No. of Admissions

No. of Admissions

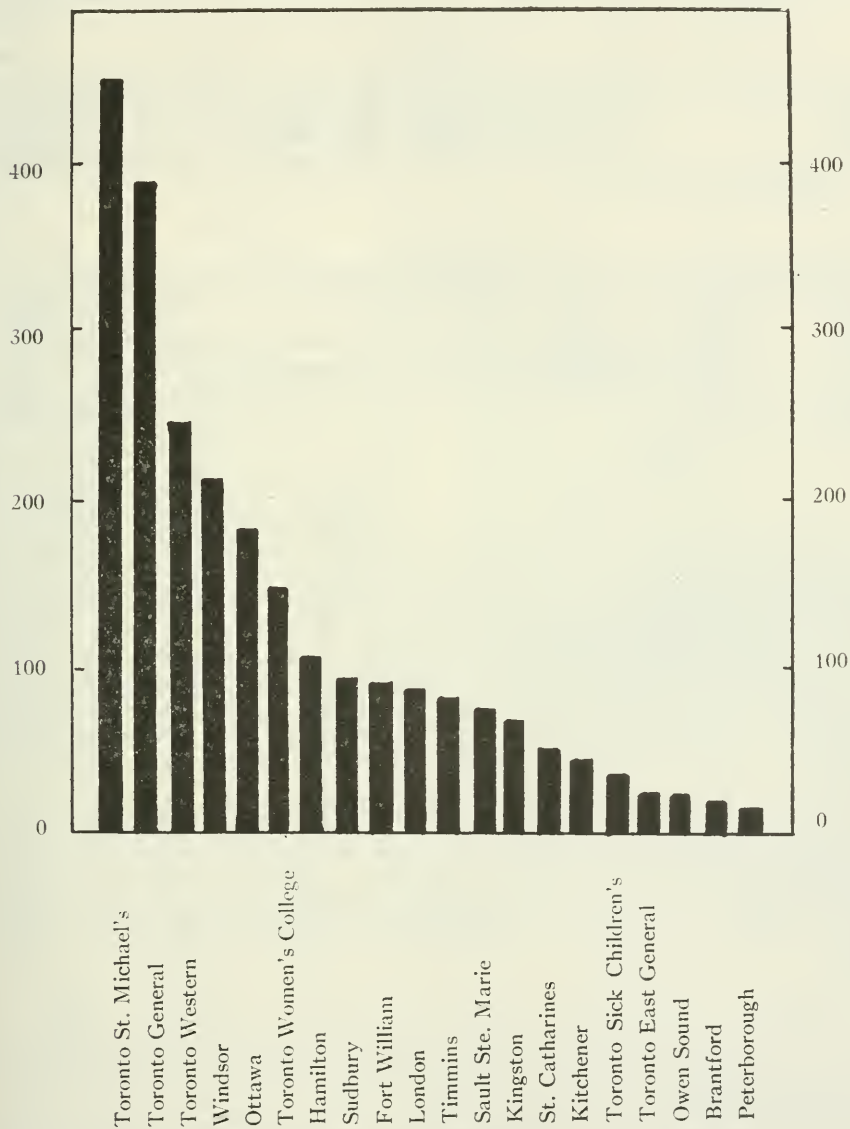


TABLE II
PATIENTS ADMITTED TO VENEREAL DISEASE CONTROL CLINICS
IN ONTARIO

Showing Annual Total New Admissions for All Clinics by Sex and Disease
1941 to 1944

YEAR	SYPHILIS (All Forms)			GONORRHOEA			TOTAL VENEREAL		
	M	F	Total	M	F	Total	M	F	Total
1941.....	631	518	1,149	599	373	972	1,230	891	2,121
1942.....	613	580	1,193	618	443	1,061	1,231	1,023	2,254
1943.....	655	643	1,298	623	498	1,121	1,278	1,141	2,419
1944.....	493	490	983	837	602	1,439	1,330	1,092	2,422

TABLE III
PATIENTS ADMITTED TO VENEREAL DISEASE CONTROL CLINICS
IN ONTARIO

Showing Number of New Admissions by Disease and Clinics
For the Year ending 31st December, 1944

CLINIC	DISEASE		
	Syphilis (All Forms)	Gonorrhoea	Total Venereal
Toronto General Hospital.....	153	238	391
Toronto—St. Michael's Hospital.....	173	269	442
Toronto Western Hospital.....	64	181	245
Toronto—Hospital for Sick Children.....	22	11	33
Toronto—Women's College Hospital.....	42	104	146
Toronto East General Hospital.....	18	6	24
Brantford.....	13	9	22
Fort William.....	25	64	89
Hamilton.....	70	33	103
Kingston.....	28	41	69
Kitchener.....	21	23	44
London.....	42	44	86
Ottawa.....	59	123	182
Owen Sound.....	9	14	23
Peterborough.....	1	13	14
St. Catharines.....	25	25	50
Sudbury.....	44	48	92
Sault Ste. Marie.....	38	36	74
Timmins.....	63	20	83
Windsor.....	73	137	210
Totals.....	983	1,439	2,422

Fever Therapy Centres:

During 1944 the policy of operation of fever therapy centres, and the part which the Department takes in their operation, was carefully reviewed. It was found that no uniformity existed in the arrangements for the operation of these centres with the various hospitals maintaining them. This led to confusion in their administration. In May a detailed memorandum was prepared by the Department, outlining a plan for the operation of fever therapy centres and

bringing into existence a uniform subsidy for such centres by the Department. This memorandum was submitted to the hospitals concerned and on June 1st, 1944, this revised plan of operation became effective.

Distribution of Medication:

During 1944 the practice of distributing certain medications without charge, for the treatment of venereal disease, was continued. This distribution was made to physicians upon their request for this service. Table IV represents a state-

TABLE IV
MEDICATIONS DISTRIBUTED BY THE DEPARTMENT OF HEALTH
Comparing the Years 1942, 1943 and 1944

MEDICATION	Annual Amount Distributed		
	1942	1943	1944
Mapharsan (in Gm.).....	4,734	6,379	6,563
Novarsen (in Gm.).....	26,453	23,702	14,492
Stovarsol (tablets).....	14,600	14,316	15,400
Tryparsamide (in Gm.).....	38,058	52,910	44,550
Bismuth Oxychloride (in grains).....	204,948	342,052	309,646
Sterile Water—			
10 cc. vials.....		46,940	49,225
20 cc. vials.....	71,621	42,072	27,044
Sulfonamides—			
Sulfanilamide (in Gm.).....	167	.....	.....
Sulfapyridine (in Gm.).....	4,250	.....	.....
Sulfathiozole (in Gm.).....	241,000	135,250	131,750

ment of medications distributed by the Division for the years 1942, 1943 and 1944. Graph II portrays the trend of distribution for two years. During the latter part of the year arrangements were completed for the replacement of the present unsuitable Bismuth Oxychloride being distributed by the Department, with Bismuth Subsalcylate in Peanut Oil, the preparation generally recommended for use in the treatment of syphilis. This new preparation will be available for distribution to physicians within the first two months of 1945.

It became evident during 1944 that the Division would be required to set a policy with respect to the possible distribution of Penicillin since it appears that this drug will become much more rapidly available during 1945. It is probable that initially the Department will undertake to provide this drug to venereal disease control clinics which it subsidizes and to provincial institutions for which it carries the responsibility for medical care.

Consultative Service:

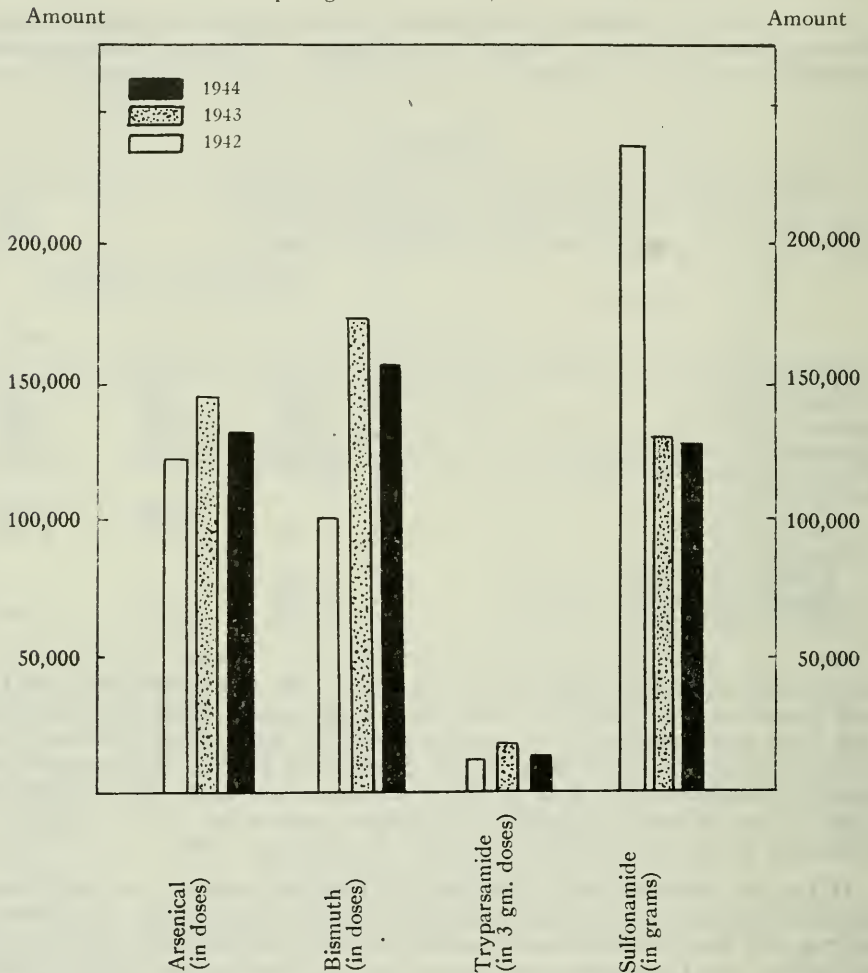
The appointment of consultants for a Consultative service to private physicians has been referred to above. Four out of five planned appointments were completed during the year 1944 and a much more satisfactory consultative service was in operation at the end of 1944. This service provided valuable assistance to the practicing physician in the management of problems met in the care of venereal disease patients.

Library:

During 1944 three authoritative monographs on the management of syphilis—The Diagnosis of Syphilis by the General Practitioner; Management of Syphilis

GRAPH II
 MEDICATIONS DISTRIBUTED BY THE DIVISION OF VENEREAL
 DISEASE CONTROL

Comparing the Years 1942, 1943 and 1944



in General Practice; Syphilis in Mother and Child—published by the United States Public Health Service, were sent to all practicing physicians in Ontario as a service by the Department.

During 1944 the Department of Health began publication of the Bulletin of Venereal Disease Control. This Bulletin, which consists of four pages, is published every second month. It contains in each issue an original article on a clinical problem of Venereal Disease written for the assistance of the general practicing physician. In addition, notes of interest to the physician on the progress of the provincial venereal disease control programme are included. During 1944 four issues of the first volume were prepared, printed and distributed to all physicians practicing in Ontario. This Bulletin is the first of its kind in Canada and will be of valuable assistance in providing physicians with data on modern advances in the treatment and control of venereal disease. During 1944 the four issues published contained the four following original articles:

- Biologic False Positive Serologic Tests
for Syphilis.....From Canadian Army Manual.
- The Treatment of Early Acquired
Syphilis.....Major George Leclerc, R.C.A.M.C.
- Syphilis of the Nervous System.....Edward F. Brooks, M.D., M.R.C.P.
(London)
- The Diagnosis of Gonorrhoea in the
Female.....Douglas E. Cannell, M.D.

EPIDEMIOLOGY

By HELEN THOMSON, M.D., D.P.H.

Medical Epidemiologist

Division of Venereal Disease Control

The year 1944 saw the organization of a modern venereal disease epidemiological programme in the Department of Health. This important phase of preventive medicine was assigned its proper importance in the activities of the Division. Additional trained personnel were appointed to carry out expert epidemiologic work. Sustained efforts were made during the year co-ordinating epidemiologic investigation between treatment agencies and the Health Department—Federal, Provincial and Local. The important contribution which the Armed Forces were able to make in the provision of epidemiological data was recognized and every effort made during the year to encourage this contribution. As a result it can be said, as will be revealed by details provided below, that the epidemiologic programme represented one of the greatest single advances in the development of Ontario's provincial venereal disease control.

Morbidity:

The alarming increase of venereal disease which has occurred under stress of war-time conditions, and which was referred to in the Annual Report of 1943, was again noted during 1944 (Graph III). Venereal disease continues as one of the major public health problems in Ontario. There were reported to the Department during 1944, 13,273 venereal infections, a serious amount of ill health. Since the onset of war more than 60,000 cases of venereal disease have been reported to the Department of Health. In the past eight years, 1937 to 1944 inclusive, a total of more than 80,000 venereal infections have been reported (Table V).

There were 34 more venereal infections reported during 1944 than during 1943. This represents no significant advance in the amount of reported disease over the previous year.

The improved ratio of gonorrhoea reported to syphilis during 1944 indicated improved reporting. The ratio for 1944 of syphilis to gonorrhoea reported was 1 : 1.5. This was the highest ratio reached in the past eight years. It compared most favourably with the inadequate ratio of 1 : 0.9 which existed during 1943. It was, however, still far short of what was probably the proper ratio if all cases had been reported, where one would have expected to find the gonorrhoea incidence about five to ten times that of syphilis, as experienced by the Armed Forces where reporting is compulsory and practically complete.

TABLE V
THE INCIDENCE OF VENEREAL DISEASE IN ONTARIO
Showing Annual Number of Venereal Infections Reported
1937 to 1944 Inclusive

YEAR	Syphilis (All Forms)	Gonorrhoea	Total Venereal	Ratio Syphilis to Gonorrhoea
1937.....	2,415	3,481	5,896	1 : 1.4
1938.....	3,010	4,188	7,198	1 : 1.3
1939.....	3,285	4,125	7,410	1 : 1.3
1940.....	4,953	4,218	9,171	1 : 0.8
1941.....	7,484	5,293	12,777	1 : 0.7
1942.....	5,952	6,220	12,172	1 : 1.1
1943.....	6,849	6,390	13,239	1 : 0.9
1944.....	5,365	7,908	13,273	1 : 1.5
Totals.....	39,313*	41,823	81,136	1 : 1.1

*On the basis of a population of 3,800,000 for Ontario, this incidence of reported syphilis only represents one person in every 100 population in Ontario reported with syphilis in the period of the past eight years.

GRAPH III
THE INCIDENCE OF VENEREAL DISEASE IN ONTARIO
Showing Annual Number of Venereal Infections Reported
1937 to 1944 Inclusive

No. of Cases Reported

No. of Cases Reported

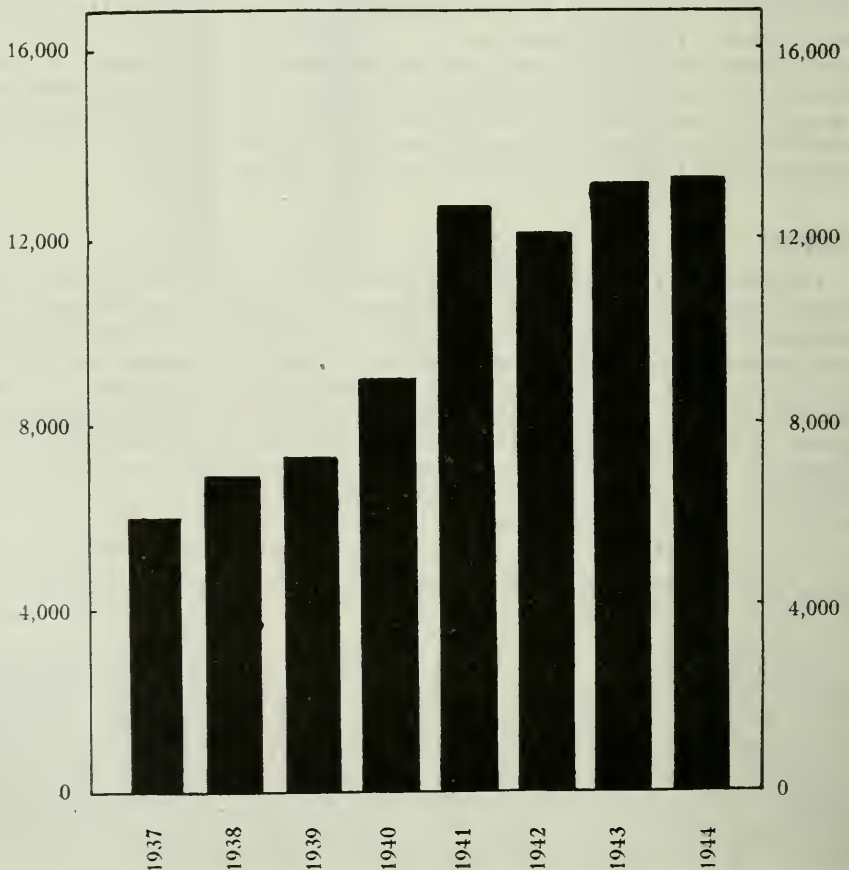


TABLE VI

THE INCIDENCE OF VENEREAL DISEASE IN ONTARIO

Showing an Analysis of Reports Received by Reporting Agency, Sex and Disease
April 1st to December 31st, 1944

Reporting Agency	Syphilis			Gonorrhoea			Total Venereal			% of Total (b)
	Male	Female	Total	Male	Female	Total	Male	Female	Total	
Private Physicians..	935	766	1,701	1,524	571	2,095	2,458	1,338	3,796	40%
Clinics.....	550	459	1,009	919	585	1,504	1,469	1,044	2,513	27%
Ontario Hospitals...	54	21	75	26	1	27	80	22	102	1%
Goals.....	60	45	105	29	63	92	89	108	197	2%
Armed Forces.....	412	29	441	1,988	64	2,052	2,400	93	2,493	26%
Other.....	172	70	242	125	44	169	297	114	411	4%
Totals.....	2,183	1,390	3,573	4,611	1,328	5,939	6,793	2,719	9,512 (b)	100%

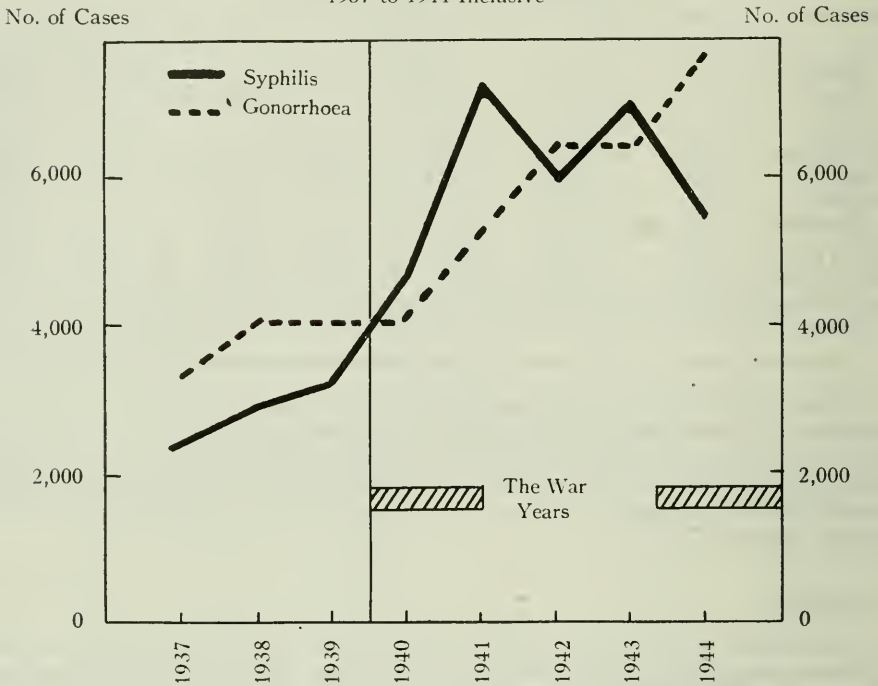
Table VI presents an analysis of venereal disease reporting showing the proportion of cases reported by various treatment agencies in the nine-month period, April 1st to December 31st, for which period such analysis is available. It will be noted that private physicians reported 40% of all venereal infections reported; clinics reported 27%; and the Armed Forces reported 26%. Other agencies reported 7%.

(a) *Syphilis*:

An analysis of the total volume of venereal infections reported revealed that there were 5,365 syphilis infections of all types reported to the Department of Health by all reporting agencies during 1944. This compared with 6,849 during 1943, a decrease of 1,484 or 21 per cent. This represented a rate of 140 per 100,000 population during 1944 as compared with 180 per 100,000 population in 1943. This syphilis picture still represented an excessive amount of syphilis in Ontario, which could be visualized when this rate was compared with the comparable rate of syphilis in Sweden during 1943 of 14 per 100,000 population. However, considerable encouragement could be taken from some indicated improvement in the trend. The number of cases of syphilis reported during 1944 was the lowest for the past four years. As will be revealed later, this decrease was accompanied by an increased number of cases of gonorrhoea reported, indicating that the syphilis decrease could not be explained by a deterioration of reporting on the part of treatment agencies. It quite probably represented true syphilis decrease. The trend of the next two or three years may confirm this. It has been noted above that this general decrease of syphilis throughout Ontario, from all reporting agencies, was also reflected in a decreased number of new admissions for syphilis to venereal disease control clinics. Graph IV portrays the trend of reported syphilis.

An analysis of the types of syphilis being reported revealed that during 1944, of a total of 5,365 syphilis infections, 2,745 were recorded as early acquired syphilis, or 51 per cent. This compared with 3,618 early acquired syphilis infections reported during 1943, 53 per cent of the total cases of syphilis reported during that year. Thus, there was a reduction of 873 in the number of early acquired infections during 1944 as compared with 1943. Since this particular group of syphilis infections was by far the most important from public health standpoint in which to achieve a reduction, the reduction during 1944 was a real public gain. During 1944 there were 429 neurosyphilis infections reported, as compared with

GRAPH IV
 THE INCIDENCE OF VENEREAL DISEASE IN ONTARIO
 Showing Annual Number of Cases Reported by Disease
 1937 to 1944 Inclusive



468 during 1943, representing a slight reduction during 1944. There were 165 congenital syphilis infections reported during 1944 as compared with 181 during 1943. Despite the reduction which occurred in 1944 in congenital syphilis, because this was entirely preventable disease, and because it carried with it such a tragedy for children, it had to be considered that the incidence of congenital syphilis in Ontario still remained unnecessarily excessive. This pointed to the need for continued emphasis on preventive measures with particular reference to prenatal blood testing of all expectant mothers.

On April 1st a much more detailed method of recording statistics on venereal disease incidence was initiated by the Division. As a result of this new procedure there were valuable statistics for detailed analysis of cases of syphilis and gonorrhoea reported in the latter nine months of 1944. The analysis of these cases for nine months could be considered representative of the total year's incidence.

During the period April 1st to December 31st, there were 3,573 syphilis infections reported. In Table VII and X for male patients, and in Table VIII and X for female patients, there is presented the analysis of these cases by stage of disease and age group. The mean age for early acquired syphilis among female patients was 27.8 years and among male patients was 31.7 years. It was noted that among all syphilis cases 42 per cent were between the ages of 15 and 30 years. However, on study of early acquired syphilis infections alone, which represented newly acquired disease, it was noted that 52 per cent were between the ages of 15 and 30. This clearly demonstrated that syphilis, as with gonorrhoea, was largely being contracted by young people in Ontario. During the nine

month period, April 1st to December 31st, 689, or 19 per cent, of 3,573 syphilis infections were reported as primary syphilis; 300, or 9 per cent, as secondary syphilis; and 714, or 20 per cent, as early acquired latent syphilis (Table IX). The age distribution of prenatal syphilis in this nine-month period revealed that there were 76 children under the age of 15 reported with syphilis which had been acquired before birth from their infected mother. Again this needless tragedy of excessive preventable disease needed to be emphasized.

TABLE VII
THE INCIDENCE OF VENEREAL DISEASE IN ONTARIO
Showing Early Acquired Syphilis and Gonorrhoea in the Male
by Age Distribution

April 1st to December 31st, 1944

AGE GROUP	Early Acquired Syphilis			Gonorrhoea
	Primary	Secondary	Latent	
0- 4 years.....	...	...	...	12
5- 9 ".....	...	...	...	3
10-14 ".....	...	1	...	13
15-19 ".....	39	6	18	517
20-24 ".....	114	18	76	1,477
25-29 ".....	97	25	71	964
30-34 ".....	65	16	46	587
35-39 ".....	54	22	43	308
40-44 ".....	38	15	31	180
45-49 ".....	19	5	15	89
50 and over.....	30	8	36	119
Not Stated.....	40	15	51	342
Totals.....	496	131	387	4,611

TABLE VIII
THE INCIDENCE OF VENEREAL DISEASE IN ONTARIO
Showing Early Acquired Syphilis and Gonorrhoea in the Female
by Age Distribution

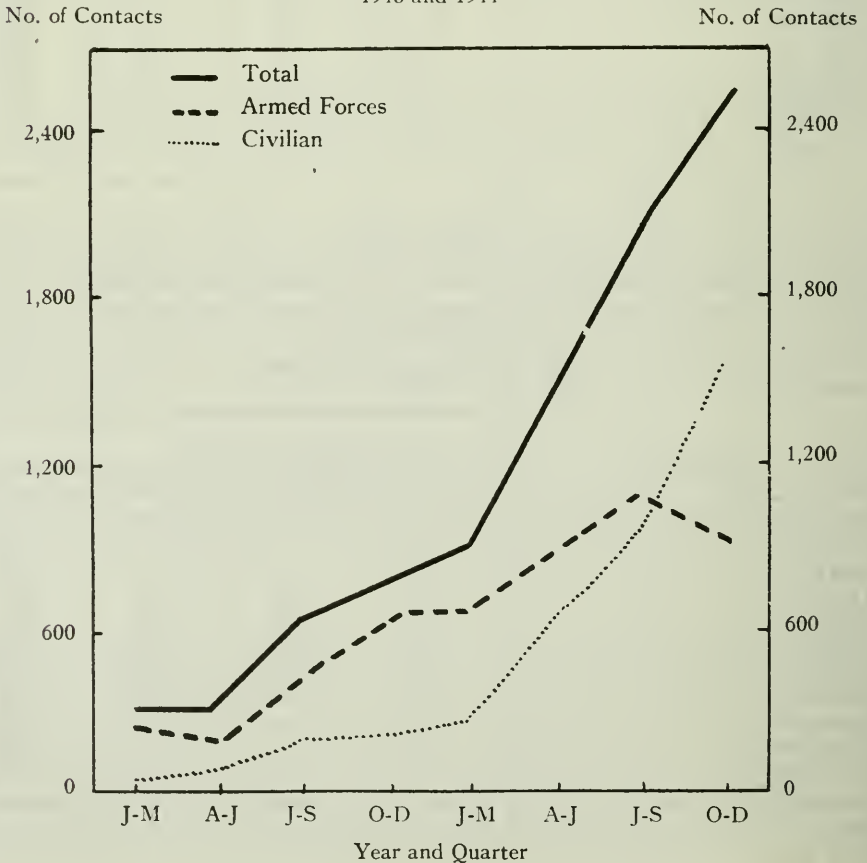
April 1st to December 31st, 1944

AGE GROUP	Early Acquired Syphilis			Gonorrhoea
	Primary	Secondary	Latent	
0- 4 years.....	...	...	...	24
5- 9 ".....	...	...	...	17
10-14 ".....	1	...	1	16
15-19 ".....	33	13	56	335
20-24 ".....	56	48	96	411
25-29 ".....	39	34	44	193
30-34 ".....	24	25	30	91
35-39 ".....	11	10	20	35
40-44 ".....	9	10	12	30
45-49 ".....	3	4	4	11
50 and over.....	4	8	17	10
Not stated.....	13	17	47	155
Totals.....	193	169	327	1,328

TABLE IX
 SYPHILIS REPORTED IN ONTARIO DURING 1944
 Showing Cases Analysed by Stage and Type

STAGE	Sex of Patient			Per Cent of Total
	Male	Female	Total	
Early Acquired Syphilis.....	1,611	1,134	2,745	51%
Late Acquired Syphilis—				
Neurosyphilis.....	324	105	429	8%
Other.....	1,020	677	1,697	32%
Stage Not Classified.....	10	4	14	
Congenital Syphilis.....	84	81	165	3%
Type Not Stated.....	182	133	315	6%
Total.....	3,231	2,134	5,365	100%

GRAPH V
 EPIDEMIOLOGIC INVESTIGATION OF VENEREAL DISEASE CONTACTS
 IN ONTARIO
 Showing Number of Contacts Reported Quarterly
 1943 and 1944



(b) *Gonorrhoea*:

There were 7,908 gonorrhoeal infections reported during 1944 as compared with 6,390 gonorrhoeal infections reported during 1943 and 6,220 during 1942. This represented an increase in the number of cases of gonorrhoeal reports of 1,518 during 1944, as compared with the year 1943, or 23 per cent. It is difficult to attach the proper significance to this increased number of gonorrhoeal cases because of inadequate reporting of gonorrhoeal infections. This increase could have represented either a true increase in the incidence of the disease in the population or improved reporting. In Table VII the distribution of gonorrhoeal infections among male patients by age is given. In Table VIII a similar distribution is shown for female gonorrhoeal patients reported in Ontario during 1944. Here again was revealed the fact that the majority of the infections of gonorrhoea were among young people between the age of 15 and 30 years. The mean age of male gonorrhoea was 27.5 years, and of female gonorrhoea 23.5 years. Graph IV portrays the trend of reported gonorrhoea in Ontario.

TABLE XI
EPIDEMIOLOGIC INVESTIGATION OF VENEREAL DISEASE CONTACTS
IN ONTARIO

Showing Number of Contacts Reported Annually
1943 and 1944

YEAR	Reporting Agency and Number Reported		
	Armed Forces	Civilian	Totals
1943.....	1,542	531	2,073
1944.....	3,319	3,501	6,820

TABLE XII
EPIDEMIOLOGIC INVESTIGATION OF VENEREAL DISEASE CONTACTS
IN ONTARIO

Showing Number of Contacts Reported Quarterly
1943 and 1944

QUARTER	Reporting Agency and Number Reported		
	Armed Forces	Civilian	Totals
1943			
January-March.....	256	53	309
April-June.....	235	71	306
July-September.....	436	184	620
October-December.....	615	197	812
1944			
January-March.....	642	254	896
April-June.....	848	634	1,482
July-September.....	1,060	931	1,991
October-December.....	898	1,553	2,451

*Twenty-Six contacts not classified and not included.

GRAPH VI

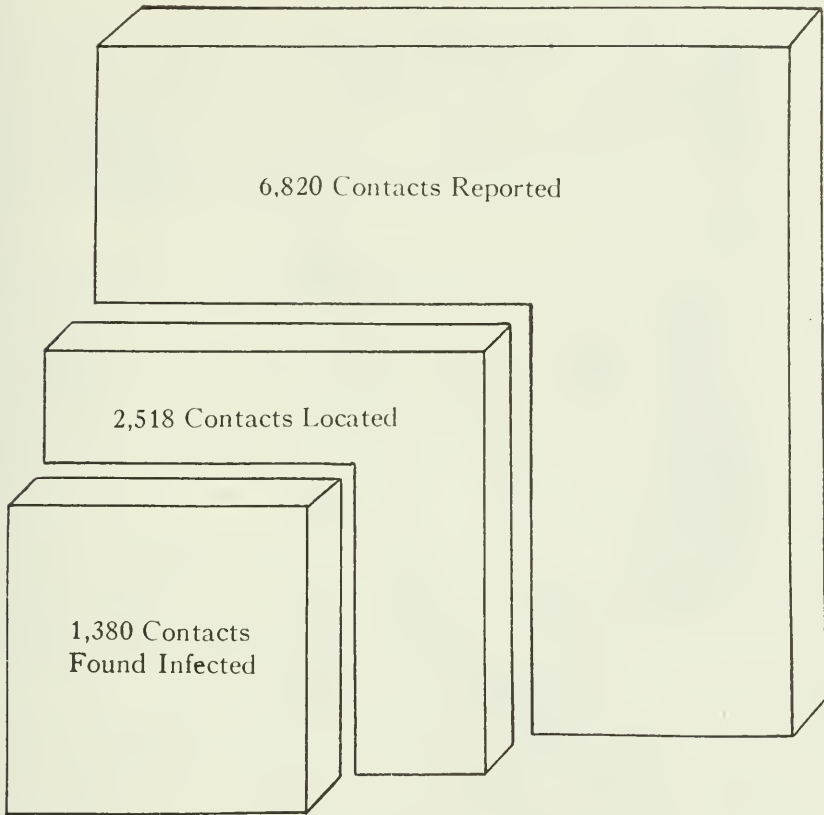
EPIDEMIOLOGIC INVESTIGATION OF VENEREAL DISEASE CONTACTS
IN ONTARIOShowing Results of Investigation
1944

TABLE XIII

EPIDEMIOLOGIC INVESTIGATION OF VENEREAL DISEASE CONTACTS
IN ONTARIOShowing Reporting Agency and Result of Investigation
For the Year 1944

Results of Investigation	Reported by Armed Forces		Reported by Civilian Agencies		Total Contacts Reported	
	No.	% of Contacts	No.	% of Contacts	No.	% of Contacts
Contacts Reported.....	3,319	48%	3,501	52%*	6,820	100%
Contacts Located.....	.....	.....	.....	.....	2,518	37%
Contacts Infected.....	.....	.....	.....	.....	1,380	20%

*During 1943 Civilian Agencies reported 25% of all Contacts.

Epidemiologic Investigation:

During 1944 there were received by the Department 6,820 epidemiological reports of contacts for investigation. This compared with 2,073 received during 1943, or an increase of 4,747 or 225 per cent. In Table XI and Graph V an analysis of the source of these reports by reporting agency for the two years, 1943 and 1944, is presented. It was noted that the greatest degree of increase occurred in reports received from civilian treatment agencies. During 1944 civilian agencies submitted 3,501 reports, as compared with 531 during 1943, a sevenfold increase. However, the armed forces continued to make a substantial contribution, submitting 3,319 reports during 1944 as compared with 1,542 reports during 1943, an increase of more than 100 per cent. These reports provided valuable data that made possible the finding of potential health dangers in the civilian population and the removal of their health danger by adequate medical control. The increases referred made an unquestionable contribution to the public health of Ontario during 1944.

In the last three months of 1944 there was almost one contact reported for each case of venereal disease reported to the Department, which meant that the epidemiological programme was rapidly approaching a reasonable degree of efficiency. Table XII shows that trend of improvement which has taken place quarterly for the years 1943 and 1944. Some indication of the importance of attention to venereal disease epidemiology is revealed when one compares the 53 reports received from civilian agencies in the first quarter of 1943 with 1,553 received in the last quarter of 1944 from these agencies. In the first quarter of 1943, as far as civilian agencies were concerned, it could be said that no effective epidemiological programme existed. In the last quarter of 1944 the improved picture represented a proper effort by health agencies. Table XIII presents the results of investigation of contacts reported to the Department. Graph VI portrays results of investigation. Of a total of 6,820 contacts reported, local health authorities were able to locate 2,518 or 37 per cent among this group of contacts located. Of the total number of contacts reported, 1,380, or 20 per cent, were found to be infected and brought under medical control. Among these 1,380 contacts thus placed under medical control, there were 473 syphilis infections diagnosed and 907 gonorrhoeal infections diagnosed.

Graph VII is a photograph of a map maintained in the offices of the Division showing geographic distribution of contacts reported during 1944 in Ontario. For each contact reported, a pin was placed on the map at the location of the town where the contact was stated to have taken place. This map revealed the widespread distribution of venereal disease throughout Ontario and pointed to the seriousness of this health problem for every community.

TABLE XIV
EPIDEMIOLOGIC INVESTIGATION OF CONTACTS TO VENEREAL DISEASE
IN ONTARIO

Showing Disease and Results of Investigation
For the Year 1944

Disease of Patient Naming Contact	(a) No. of Contacts Investigated	(b) Located		(c) Found Infected	
		Number	% of (a)	Number	% of (b)
Syphilis.....	1,805*	911	50%	473	51%
Gonorrhoea.....	5,015†	1,607	32%	907	57%
Totals.....	6,820	2,518	37%	1,380	55%

*41 of these contacts were also found infected with gonorrhoea.

†116 of these contacts were also found infected with syphilis.

GRAPH VII

THE GEOGRAPHIC DISTRIBUTION OF VENEREAL DISEASE CONTACTS
IN ONTARIO

For the Year 1944



V D CONTACTS - ONTARIO
1944

EDUCATION

By W. GORDON BROWN, M.D., D.P.H.

Assistant Director and Physician in Charge of Education

Division of Venereal Disease Control

In the development of the provincial preventive programme for venereal disease the important role which public health education has in the protection of citizens from venereal disease was recognized. The effectiveness of any venereal disease control programme depends upon public health education which is associated with it. The Department has undertaken a programme of public health education with respect to venereal diseases in two phases—professional education and public education. The former has as its purpose the improvement of medical and preventive services, the latter aims to direct the public to make use of these services when required.

During 1944 increasing attention was given to professional education. The Bulletin of Venereal Disease Control for distribution among private physicians has been referred to above, as well as other types of printed material made available to physicians. Several district medical societies were shown a three-reel motion picture on the subject of syphilis, prepared for this purpose by the United States Public Health Service. This most excellent film deals in a graphic and accurate manner with the various aspects of management and control of venereal disease. The Division acquired several copies of this film during 1944 and it is planned that much wider use will be made of it among physicians and other professional personnel.

During 1944 increasing attention was given to professional education for nurses. With the appointment of a Supervisor of Epidemiology an opportunity presented for the development of a close liaison with nursing groups throughout the province. The supervisor, Miss Pearl Stiver, in the six months of her duty during 1944, visited 10 different communities. In all such visits she spent time with public health nurses, reviewing procedure, epidemiological technique and records. In all of these visits, conferences were held with the Director of Public Health Nursing and her staff, with the Victorian Order of Nurses, with Superintendents of Nurses in general hospitals, and with industrial nurses, to acquaint them with the programme of venereal disease control and to stimulate their interest in the part nurses could take in this programme. Emphasis was placed on the integration of venereal disease control in the general public health nursing field. This phase of activity by the Supervisor of Epidemiology represented one of the objectives, set forth in the preventive programme, of taking the problem of venereal disease into the field where it must be dealt with. A much wider extension of this programme is anticipated during 1945.

Undergraduates in medicine and nursing were included in the educational programme of the Division during 1944.

The problem of introducing public education on the venereal diseases and of making this presentation in an acceptable manner, has been more difficult. In the development great care was taken in the selection and preparation of materials. It was found that extensive public interest existed so that considerable progress could be made. Every modern method of education was used—pamphlets, posters, films, radio addresses, displays, and talks given before various organizations by trained personnel. Public education was largely carried out by two methods. In five cities—Brantford, Fort William, Port Arthur, Hamilton and Ottawa—community educational programmes sponsored by local organizations were assisted by the Department of Health, both provincial and local. Such programmes were given departmental assistance in the form of literature,

posters, displays and films and, to a moderate extent, in the form of finance, conditional upon the direction of their programme by a local and provincial Department of Health. These community programmes were very sound since they represented fundamentally a local contribution by members of the community for the benefit of community health, and since they took the form of sustained programmes which promised to establish a continued interest in public health education from year to year.

The second method, used for public education on venereal disease, was the provision of literature, films and other material in response to requests from individual citizens or groups of citizens. This second method represented the larger share of activity of the Division during the year, indicating the great public interest in this health problem.

Materials were available in quantity only during the latter part of the year. In spite of this fact, however, a large quantity of printed material was distributed. The Division prepared for distribution two new pamphlets, containing information for the public. In addition to this, under Federal grant, two other pamphlets were received from the Federal Department of National Health and Welfare. A film library was established and during the year 33 copies of seven different films were obtained for distribution, suitable for use with lay audiences, schools, and other organizations. The public has shown such a degree of interest in these films, that by the end of the year it was apparent that it would be necessary to make additions to the film library to meet public requests.

A set of four posters was prepared by the Department for use in community programmes, industrial plants and health departments. They deal with the four important aspects of venereal disease control, in an attractive and impressive manner. They emphasize the impact of venereal disease upon home and the family life. These posters have met with considerable approval. A request was received from the province of British Columbia to reprint these posters for their use in that province, and permission was granted. In addition three State Health Departments in the United States made similar requests.

A set of four displays were prepared to attractively present the four phases dealt with by the posters. These met with approval when shown and requests from community programmes and industry indicated that additional sets would be required at an early date.

Departmental assistance in public health education on venereal disease has been given in response to requests from several sections of the province during 1944. There has been revealed a tremendous public interest, not only in the venereal disease problem, but in the general problem of public health. Reprints of literature have been necessary and commitments outstanding at the end of the year indicated that a considerable expansion of educational activity would be required during 1945. Much assistance is expected from the establishment of an advisory educational committee which was possible during 1944 and which created liaison between a number of representative lay organizations having province-wide affiliation and the Department of Health.

Experience during the past year has indicated that public interest in, and public acceptance of, education respecting venereal diseases was greatly assisted by any previous public health educational effort which had been made. It was logical to assume that the efforts of the Division in this regard would prove of similar benefit to Divisions concerned in other phases of the whole departmental health programme. It seemed obvious, therefore, that the fundamental purpose of any public health programme would be to develop public consciousness of the value and importance of adequate public health services and that co-ordination would, therefore, be desired in order to take full advantage of each contribution being made by respective Divisions of the Department.

The following represents a summary of educational activity by the Division during 1944:

(a) Public Addresses—

Members of the staff gave 95 public addresses during the year.

(b) Film Projections—

Films were projected on 191 occasions to groups including public mass meetings, service clubs, women's organizations, home and school clubs, secondary schools classes and other groups.

(c) Literature Distributed—

Over 410,000 pieces of literature were distributed. One-third of this quantity reached the public through community programmes while two-thirds were distributed in response to specific requests for information. Professional literature, 4,000 sets, was distributed to physicians and nurses. There were four issues of the Bulletin of Venereal Disease Control published and distributed to physicians with a circulation of approximately 4,000 copies each issue.

(d) Posters Distributed—

More than 1,700 sets of the posters developed by the Division were distributed to community programmes and health departments. There was an increasing distribution to industry and voluntary health and welfare agencies noted during the year.

(e) Exhibits—

The Division prepared an exhibit on health education for display at the annual Canadian Public Health Association Convention held in Toronto during November.

The Division acknowledges with thanks the valuable assistance given in public health education by Medical Officers of Health throughout the province, by the Federal Department of National Health and Welfare, and finally the considerable contribution by medical personnel from the three Armed Forces.

SEVENTY-SEVENTH ANNUAL REPORT
OF THE
HOSPITALS DIVISION
DEPARTMENT OF HEALTH
UPON THE
ONTARIO HOSPITALS FOR THE
MENTALLY ILL, MENTALLY DEFECTIVE,
EPILEPTIC AND HABITUATE PATIENTS
OF THE
PROVINCE OF ONTARIO
FOR THE YEAR ENDING MARCH 31, 1944

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO



ONTARIO

TORONTO

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

1945

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

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Seventy-seventh Annual Report of the Hospitals Division, Department of Health, upon the Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients of the Province of Ontario for the year ending March 31, 1944.

Respectfully submitted,
R. P. VIVIAN, M.D.,
Minister

THE HONOURABLE R. P. VIVIAN, M.D.,
Minister, Department of Health,
Parliament Buildings,
Toronto, Ontario.

DEAR SIR:

I have the honour of submitting for your approval the Seventy-seventh Annual Report of the Hospitals Division, Department of Health, covering the Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients, for the year ending March 31, 1944.

Depletion of staff, due to war enlistments, and transfers to other work with inability to secure adequate replacements, has continued to present the most outstanding problem in hospital administration. In 1944, there were 481 Graduate Nurses employed, whereas in 1941 there were 706, and Nurses-in-Training numbered 155 in 1944, as compared to 334 in 1941. The employment and training of 300 Nurse-Attendants during the past few years has to some extent assisted in providing personnel for women's wards.

The number of patients in residence has increased by 96 during the past year to 14,922, which corresponds to a rate of 3.77 per 1,000 in the general population of Ontario. There is noted an increasing incidence of mental illness among older people; 933 men and 1,200 women, aged 65 and over, were in residence on March 31, 1944.

In 1944, 2,269 new patients were admitted, and 1,824 were discharged, the year's discharge rate being 60.8 per 100 admissions and re-admissions.

Respectfully submitted,

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

Acting Deputy Minister

TABLE OF CONTENTS

	PAGE
REPORTS OF THE SUPERINTENDENTS.....	9
REPORT OF THE ONTARIO HOSPITALS' CHEST CLINIC.....	21
ANNUAL REVIEW—ONTARIO HOSPITAL POPULATION STATISTICS.....	24
DETAILED STATISTICAL TABLES.....	35
GENERAL TABLES:	
1. Detailed Movement of Patient Population.....	36
2. Movement of Patient Population.....	38
3. Patient Population	39
4. Movement of Patient Population, on Probation and in Boarding Homes	40
5. Changes in Patient Population.....	41
6. Summary of Patient Population by Diagnosis and Sex	42
7. Distribution of Patients by County or District of Residence —First Admissions, Readmissions and Patients in Residence	43
8. Religion of First Admissions and Patients in Residence.....	44
PATIENTS IN RESIDENCE:	
9. Age and Diagnosis.....	45
10. By Age.....	47
11. Hospital and Age.....	48
12. Hospital and Diagnosis	49
FIRST ADMISSION AND READMISSION:	
13. Method of Admission by Hospital.....	51
14. Detailed Method of Admission.....	53
15. Place of Birth and Nativity of Parents.....	53
16. Citizenship.....	54
17. By Age.....	54
18. Age and Sex.....	55
19. Diagnosis and Sex.....	56
FIRST ADMISSION:	
20. Hospital and Diagnosis.....	58
21. Marital Status and Diagnosis.....	59
22. Age and Diagnosis.....	60
23. Racial Origin and Diagnosis.....	62
24. Educational Status and Diagnosis.....	64
25. Alcoholic Habits and Diagnosis.....	65
26. Previous Occupations.....	66
DISPOSAL OF ADMISSIONS DURING YEAR:	
27. Disposal of First and Readmissions during the Year— Certain Psychoses	67
DISCHARGES:	
28. Age and Diagnosis.....	68
29. Condition on Discharge and Diagnosis.....	70
30. Condition on Discharge, Length of Stay in Hospital and Diagnosis.....	72

TABLE OF CONTENTS (Cont'd)

	PAGE
DEATHS:	
31. Cause of Death by Diagnosis.....	75
32. Cause of Death by Age, Sex and Diagnosis.....	79
33. Total Duration of Hospital Life and Diagnosis.....	81
MISCELLANEOUS:	
34. Property Statistics.....	83
35. Classification of Staff by Hospital.....	84
36. Expenditures Reported by Ontario Hospitals.....	86
37. Per Capita Cost of Hospital.....	87
38. Dental Report by Hospital.....	88
39. Laboratory and Pathological Report.....	89
40. Chest Clinic Report by Hospital.....	90
41. Movement of Patient Population, Psychiatric Hospital.....	91
 MENTAL HEALTH CLINICS REPORT.....	 92
 SUPPLEMENTARY STATISTICAL TABLES, ONTARIO HOSPITAL, WOODSTOCK.....	 96
 SUPPLEMENTARY STATISTICAL TABLES, TUBERCULOSIS UNIT, ONTARIO HOSPITAL, WOODSTOCK.....	 99
 SUPPLEMENTARY STATISTICAL TABLES, ONTARIO HOSPITAL SCHOOL, ORILLIA.....	 108

REPORTS OF THE SUPERINTENDENTS

ONTARIO HOSPITAL, BROCKVILLE

C. E. HANNA, M. D., Acting Superintendent

Care and Treatment of Patients

During this fifth year of the War, the Ontario Hospital, Brockville, has striven against an ever increasing patient population to maintain the maximum standard of efficient service possible. Some patient activities have had to be curtailed because of insufficient supervisory staff.

The daily average population, including patients in boarding homes, has risen from 1,123, to 1,145, with a total patient population, including those on probation, at the end of the year to 1,238 against 1,221 at the end of the preceding year.

The Occupational Therapy Department has continued to function efficiently while faced with increasing demands and with but one therapist where two were formerly engaged. The Mental Health Clinic, minus the services of a Social Worker, has functioned throughout the Eastern District in a most commendable and efficient manner. Our Canteen has developed beyond expectation and from its funds, patients have been furnished with newspapers, magazines and books for the library, as well as furnishing a convenient centre where patients and staff can purchase small daily comforts and simple luxuries that would otherwise be denied.

The Out-Patient Department for the treatment of venereal disease has been particularly active during the year, treating all indigent or other cases referred to us from district physicians and Medical Officers of Health.

Metrazol has been the agent of choice at this hospital where shock therapy is indicated and the results have been quite satisfactory and well worth continued use. We hope in the near future to add electric shock instalment to our armamentarium.

Relating to Staff, Administration and Buildings:

Depletion of staff by enlistment in the Armed Forces and through resignation to undertake other war work has been one of our main problems. During the year forty-seven graduate nurses have resigned from the staff and at the end of the fiscal year twenty of these had not been replaced. A considerable number of nurse-attendants and ward maids have been appointed to make up the deficiency. A prescribed course of instruction has been carried out in connection with these new staff members.

The eight-hour day plan was inaugurated for attendant staff on May 2, 1943, which necessitated the taking on of eight additional employees. On July 4, 1944 the eight-hour day was extended to include the nursing staff, and in spite of the shortage of nursing staff, we have continued to carry on with this plan.

The following members of staff have left to join the Armed Forces during the year:

Miss Gabrielle M. Patry, Social Service Worker, enlisted in R.C.A.M.C. She has not been replaced.

Dr. G. W. Zealand, Assistant Physician, enlisted in R.C.A.M.C. He has not been replaced.

Ed. J. Barrington, Telephone Operator, enlisted in R.C.A.F.

Philip Easter, Attendant, enlisted in R.C.A.F.
 Annie Phyllis McLean, enlisted in R.C.A.M.C. (Occupational Therapist).
 Miss Mary Doreen Henry, Reg. N., enlisted in R.C.A.M.C. (Nursing Sister).
 Miss Nellie Mackie, Reg. N., enlisted in R.C.A.M.C. (Nursing Sister).
 Miss Gertrude Blaney, Reg. N., enlisted in R.C.A.M.C. (Nursing Sister).
 Miss Dorothy Kenopic, Reg. N., enlisted in R.C.A.M.C. (Nursing Sister).

Other resignations and changes in staff personnel were as follows:

Miss R. E. Waldron, Instructress of Nurses, resigned to be married. She will be replaced by Mrs. Lillian Gilpin, who is taking the year's course of instruction at the University of Toronto.
 Miss B. S. Cooper, Dental Nurse, transferred to the Ontario Hospital, Toronto; replaced by Miss Grace E. Langdon, whose classification was changed from Clerk-Typist to Dental Nurse.
 Mr. S. A. Grief, X-Ray and Laboratory Technician, resigned to accept a position as Laboratory Assistant at the Western Hospital, Toronto; replaced by Miss Barbara Clifford, Technician, Ontario Hospital, Hamilton, who has since married.
 Miss Frieda Ruston, Dietitian, was transferred to a similar position at the Ontario Hospital, Hamilton, and has not been replaced on the staff here.
 Mr. J. J. Tierney, Farmer, transferred to the Ontario Hospital Farm-Concord, and was replaced by Mr. R. M. Miller, Farmer, transferred from Ontario Hospital, Langstaff.
 Dr. C. S. Tennant, former Superintendent, transferred to the Department in Toronto as Forensic Psychiatrist; replaced by Dr. C. E. Hanna, transferred from the Ontario Hospital at Penetanguishene.
 Dr. G. W. Kells, senior Assistant Physician, transferred to the Ontario Hospital, Cobourg, as senior physician and Director of the Mental Health Clinic. He has been replaced on the staff by Dr. A. G. Allen, transferred from the Ontario Hospital, Cobourg.

The construction program at this hospital, of course, has remained in abeyance until after the War. Maintenance and repairs alone have been the order of the day.

ONTARIO HOSPITAL, COBOURG

DR. G. C. KIDD, Superintendent

Care and Treatment of Patients

During the year 44 patients were admitted, 90 were transferred from other Ontario hospitals, 156 were placed on probation. Of these 66 were returned. Nine died and 67 were discharged. Nineteen were placed in Lorimer Lodge and Oxley House and of these 6 were returned. Fourteen eloped during the year and nine were returned to hospital.

Religious services were held in the auditorium every Sunday during the year by the Protestant and Roman Catholic Clergy of Cobourg. Some members of the Clergy conducted services during the week at the Hospital, and some of our girls attended services in the Cobourg churches.

Our moving picture machine was in operation during the winter months, and during the remainder of the year a group of our girls was sent to the picture show in Cobourg on Saturday afternoons. Our Girls' Softball Team

reached the semi-finals in the Town League. A concert was given by St. Michael's Church on March 13th.

Staff, Administration and Buildings

Dr. Austen Allen was transferred to the Ontario Hospital, Brockville, as assistant superintendent, and Dr. G. W. Kells was transferred to this hospital as assistant superintendent. Ralph Lyons, painter at the Ontario Hospital, Kingston, was transferred to this hospital to act in the same capacity.

ONTARIO HOSPITAL, FORT WILLIAM

DR. C. A. CLELAND, Superintendent

Care and Treatment of Patients

We have no boarding-out patients from this hospital. We have endeavoured to supervise our patients on probation although because of the distances, and the employment of probationary patients in bush camps, this is sometimes very difficult. A great deal of consultation work in connection with psychiatric and neurological problems has been done. It is rare to admit a patient to hospital without having previously seen the patient either in his home or in one of the General hospitals. I believe this is an excellent state of affairs because it often makes it possible for many patients to be adjusted without the necessity of admission to hospital. This includes male patients who would be admitted here, and also female patients who would necessarily have to go to Eastern hospitals. I cannot speak too highly of the co-operation received from the medical practitioners in this district.

Staff, Administration and Buildings

Dr. J. N. Senn was transferred to the Department as Inspector of Hospitals. Our staff generally has functioned quite satisfactorily in spite of the fact that replacements are very difficult to obtain, and we have operated the hospital with the absolute minimum of staff. The eight-hour day is in force in every department of the hospital.

During the year a course of 10 lectures in psychiatry and mental hygiene have been given to the undergraduate nurses at McKellar General Hospital, St. Joseph's Hospital and the General Hospital, Port Arthur. Addresses on the general topics of Mental Hygiene have been given to the Thunder Bay Medical Association, Thunder Bay Registered Nurses' Association, Fort William Rotary Club, Gyro Club, Women's Canadian Club, and the Men's Club of Wesley United Church. Instruction has also been given to St. John's Ambulance Brigade.

There has been no new construction during the year. Minor repairs have been carried out as required by our staff. The Public Works Department under the supervision of Mr. J. P. Young, Superintendent of Construction, provided a new well for the hospital last fall, but the flow of water has been very disappointing both in quantity and quality.

Our farm has continued to produce all the green vegetables and roots necessary for our use. We also produce sufficient meat of all kinds and eggs for our diets at the hospital. In addition to this, a carload of mixed meat was shipped to the Eastern hospitals during the fall months. Our farm and garden continues to provide occupational therapy facilities for the great majority of our patients, and all our employees, including the farm hands, laundry men and mechanic, have been so trained in the care and treatment of patients, that each is capable of taking out and working with a group of patients. Regularly, church services are provided by the Baptist Young People's Group of Fort William and the Salvation Army Band has visited the hospital on several occasions.

ONTARIO HOSPITAL, HAMILTON

DR. J. S. STEWART, Superintendent

Care and Treatment of Patients

A change was made from metrazol to electro-shock treatment in November of 1943. Otherwise there have been no major changes in the care and treatment of patients. The overcrowding on the male side has been relieved temporarily by the transfer of 62 patients to the Ontario Hospital, Whitby. On the female side of the Main Building a dining room has been converted to be used as a dormitory and two sittings are being run for meals in another dining room.

28.8 per cent of our admissions during the fiscal year were composed of senile and arteriosclerotic patients. The problem is an ancient one.

Staff, Administration and Buildings

Miss Hamilton, Dietitian, resigned in December of 1943, on the occasion of her marriage and her place has been very capably taken by Miss Frieda Ruston, who was transferred from the Ontario Hospital, Brockville. Apart from the above there have been no changes in the senior staff. The shortage in the male and female nursing staff remains serious. Such staff as we are able to obtain through the National Selective Service is largely unreliable and absenteeism is an ever mounting difficulty.

I should like to express my appreciation to the staff in general for their loyalty and I should like to express to you, Sir, my appreciation of your interest and helpfulness during the past year.

ONTARIO HOSPITAL, KINGSTON

DR. C. M. CRAWFORD, Superintendent

Care and Treatment of Patients

The number of admissions, including transfers from other hospitals, during the fiscal year was one less than during the preceding year, there being 243 during the year ending March 31, 1943, and 242 during the year ending March 31, 1944. Discharges during the past fiscal year were 115, as compared with 128 during the year ending March 31, 1943. We had 101 deaths during the year ending March 31, 1944, as compared with 90 during the preceding year. The percentage of admissions of patients 60 years and over is still very high. The number sent on probation during the past year was 119, which is 13 less than during the previous year. One of the greatest problems which we have to face is the increasing number of senile patients who have to be admitted to the hospital. These crowd up our admission wards and make it difficult to provide suitable accommodation at times, for our recoverable cases.

During the year ending March 31, 1944, we have used electrocoma treatment instead of metrazol, and we prefer it very much to the metrazol type of shock treatment. Patients do not seem to mind it nearly as much. Our experience with this type of treatment confirms reports made in other hospitals, namely that it is especially beneficial in affective psychoses.

Staff, Administration and Buildings

We have had several changes in staff during the year: Dr. J. L. Walsh, dentist, enlisted in the R.C.A.D.C., on July 27, 1943. Ralph Lyons, head painter, was transferred to the Ontario hospital, Cobourg, on November 14, 1943. His place was taken by Mr. C. James Phillips. Mr. Bernard Murray, assistant painter, resigned on November 13, 1943. This vacancy was filled

by Mr. James Ferris. Mr. Herbert Flowers, who was superannuated on May 26, 1940, returned to duty at this hospital on April 5, 1943, and has been giving excellent service in the shoe shop. Miss Mary Campbell, senior occupational therapist, enlisted in the R.C.A.M.C. on January 15, 1944. Miss Joan Rashotte and Miss Margaret Kennedy, graduate nurses, also enlisted in the R.C.A.M.C. Miss Pearl Gavan, acting superintendent of nurses, left the hospital staff on August 2, 1943, and was replaced by Miss Elsie G. Smith.

Our Occupational Therapy Department continues to be fairly active, although we have been faced this year with two enlistments in the armed forces.

Our medical staff continues to be very small in numbers, throwing a very heavy strain upon all the physicians. It has been extremely difficult to provide adequate nursing care on the female side of the hospital, due to the fact that many graduate nurses left to take other positions. As a result, we have had to take on a very large number of untrained nurse-attendants. In many instances, however, these nurse-attendants have given excellent service. It would have been quite impossible to carry on the hospital without them. There have been no superannuations during the year.

I would like to take this opportunity of recording my appreciation of the faithful service of members of the hospital staff who, in many cases, due to shortage of staff, had to constantly do extra duty.

ONTARIO HOSPITAL, LANGSTAFF

DR. W. A. REDDICK, Superintendent

Care and Treatment of Patients

During this fiscal year 49 patients were transferred to this hospital from the other Ontario hospitals, the majority coming from the Ontario hospitals at Toronto and London. The daily average population for last year was 425 patients. The majority of our patients are physically healthy, adult males and fit into our farm program very nicely. Mentally our patient population is mostly chronic types and are receiving no special treatment at this hospital but considering our rural location, our supervised farm parties, large airy wards, which are not overcrowded, and their food, which is mostly grown on this farm, they seem on the whole very contented. Last year we probated several of our patients and ten of these were discharged.

Staff, Administration and Buildings

In April 1943, by instructions of the Department, we inaugurated the eight-hour day using three shifts and a few extra attendants to carry this matter through. On the whole, the eight-hour day has proven very satisfactory, making for a better morale among attendant staff and I believe more satisfactory to the hospital as a whole.

Mr. R. F. Haney, acting steward until May 1943 was replaced by P. J. Shackleton, who later in the summer enlisted in the Army. In August, E. M. Hill, storekeeper of the Ontario hospital, Penetanguishene, replaced Mr. Shackleton. We have had very few changes in our staff this fiscal year as most of our staff members are of more advanced age and not subject to military call up. We have experienced little difficulty in keeping our staff at full strength, possibly because we are in a rural area and the eight-hour day seems attractive.

The farms at Langstaff, Concord and Brampton had favourable yields although the field crops were not quite as bountiful as in 1942 due to the rainy weather in the early part of the season which greatly hindered seeding operations. During the year some additions were made to our farm buildings.

ONTARIO HOSPITAL, LONDON

DR. G. H. STEVENSON, Superintendent

Care and Treatment of Patients

In this hospital we are proud that 96 names of staff are on our honour roll at the end of the year and that we have oversubscribed our quota in each Victory Loan. We are grateful too that there have been no serious casualties among our men and women in the services during the year.

The admission rate has taken a decided increase this year from 398 to 479. After three years of a relatively low admission rate we had hoped this might continue. Our chief problem is now admissions among the elderly. 138 of the total admissions were aged 60 or older.

Our treatment facilities have been fully employed and we feel that every patient coming to us has had every diagnostic and treatment aid that might be of help to him. Electroshock has entirely replaced metrazol during the year. In addition 4 patients have had a prefrontal lobotomy by Dr. K. G. McKenzie of Toronto, three of whom did not need to return to hospital but all are at their homes in greatly improved mental health after years of mental invalidism. We have been greatly encouraged by these results and would like to see this operation performed on other selected patients as soon as the surgery can be arranged. We are greatly indebted to Dr. McKenzie, Dr. Farrar and Dr. Proctor for making these operations possible.

We have done some experimenting with group psychotherapy through our Saturday Morning Club, an organization of patients who have met each week through the fall and winter and early spring months. In addition to the value of these programs, largely presented by patients (under the supervision of the Occupational Therapy Department), the superintendent has talked frankly with the patients on mental health, mental symptoms and conduct disorders. It is felt that these talks may have had some value.

Staff, Administration and Buildings

The steady depletion of experienced staff due to war enlistments and our increasing inability to secure adequate replacements, have made difficult the operation of the hospital and the maintenance of good standards. We have been fortunate, however, in securing many men and women as ward aides and attendants on a full-time or part-time basis, many of them University students, to help in this emergency. At the end of the year we have 63 part-time graduate nurses, nurse assistants and attendants.

There has been a severe decline in the number of qualified applicants for our School of Nursing, due presumably to war conditions. We have continued to operate our affiliate course successfully, the Sarnia General Hospital being added to those already sending student nurses. The graduating exercises of the School of Nursing were held on the evening of Friday, May 14, 1943 when Dr. Arthur Ruggles, President of the American Psychiatric Association, delivered the main address.

An interesting and valuable addition to facilities in London for the better care of the mentally ill, was the opening in Victoria Hospital on March 11, 1944 of a special ward for psychological medicine. The ward is under the general direction of the Professor of Medicine, although a physician from this hospital visits it daily to supervise treatment. It has accommodation for 13 men in 5 private rooms and two 4-bed units. It is hoped similar accommodation can be provided for women before long.

Our teaching at the University has been continued as usual and in addition many addresses have been given on mental health to the general public and certain members of staff have delivered papers before various scientific bodies, some of which have been published.

Dr. L. S. Penrose was appointed Director of Psychiatric Research, although he continues to make his headquarters at this hospital and also continues to administer all shock therapy.

I should like in closing to express my sincere appreciation to all members of the staff for their faithful efforts in spite of many difficulties and to the Department for its sympathetic consideration and assistance in our various problems.

ONTARIO HOSPITAL, NEW TORONTO

DR. T. D. CUMBERLAND, Superintendent

Care and Treatment of Patients

It has been very difficult, during the past year, on account of the shortage of staff on the wards to properly care for the patients in this hospital. A number of the staff on the male wards are elderly men and are really working at the hospital until the younger help is available. In spite of the existing conditions, the patients have been well looked after and their health is remarkably good. Some of the treatment such as continuous baths and out-door exercise has been greatly curtailed, also it has been practically impossible to have any amusements for the patients.

Staff, Administration and Buildings

The staff is very low at the present time. A number only work for a short time, find the work unsuitable and leave. Able-bodied men and women can secure better wages in the factories that are numerous in this district. The members of the permanent staff who have remained with the hospital have performed wonderful service and have been very faithful regarding their duties. The eight-hour day has proven very satisfactory. There have been no alterations to buildings in the past year. The necessary repairs have been done.

ONTARIO HOSPITAL, ORILLIA

DR. S. J. W. HORNE, Superintendent

Care and Treatment of Patients

During the past fiscal year, the regular routine training program of this institution showed few changes, except those made necessary because of staff shortages and lack of accommodation.

The average resident population for the fiscal year ending 1943 was 2,088. The average daily population in residence for the fiscal year ending 1944 was 2,114. To accommodate these extra patients, it was necessary to use more day room and corridor space to accommodate additional beds.

The average chronological age of new admissions was lower than the previous year. Of 196 new admissions, 87 were under 10 years of age, and only 3 were over 20 years. The large proportion of these new admissions fell in the lower intellectual categories which necessitated more nursing care but less academic, and consequently the school program had to be rearranged to suit the type of cases that were admitted. This was effectively done by establishing an occupational class room for the young lower grade children. This has en-

abled practically every child of school age to have a period of training away from the wards. The occupational training program was enlarged with the transfer from the Ontario Hospital, Cobourg, of 54 high grade girls.

On the other hand, there were fewer high grade boys admitted and consequently we have had difficulty in carrying on a well-formulated program for boys of this type. However, every boy in the school did receive as much training as he was capable of absorbing.

Staff, Administration and Buildings

Staff shortages caused us our greatest concern during the past fiscal year. After the resignation of Dr. Wilson to join the R.C.A.M.C. there were only three physicians, including the Superintendent, left to care for the needs of over 2,000 patients. Consequently, nothing but the bare essentials could be dealt with from a medical point of view.

There was a continued shortage of graduate nurses but, on the other hand, we were fortunate in being able to procure a number of ladies who, after a course of lectures, have made a very excellent contribution to the care and training of our patient girls. It is interesting to note that, in practically every case, these ladies have not only taken the lectures, but have written and successfully passed examinations.

We have been fortunate in maintaining our male staff and replacements do not seem to be as difficult to procure as they did early in the year.

The 48-hour week was started on April 1, for nurses, nurse-attendants, attendants, and domestic staff. This was greatly appreciated by all those staffs and I believe will eventually add to the efficiency of the care of patients, as well as providing for more suitable working conditions for those employed.

To relieve some of the overcrowding, the property southwest of the hospital, known as the Thomson property, of approximately 180 acres, was purchased. A new 300-bed unit was planned, and the excavation started the first week of March. This unit is expected to be completed before the end of the next fiscal year. This unit is to be constructed to care for the infirm patients and will be of special construction, modern and complete in every respect.

The following members of staff have resigned to join the armed forces: Dr. C. H. Wilson, Miss J. Kruhly, Miss A. Meek.

I wish to express my appreciation and thanks for the loyalty and support received from all members of staff and employees for their capable and efficient work during the year.

ONTARIO HOSPITAL, PENETANGUISHENE

DR. C. A. McCLENAHAN, Superintendent

Care and Treatment of Patients

During the fiscal year ending March 31, 1944, there has been an increase in hospital population of 37 deaths and discharges 33.

Staff, Administration and Buildings

The hospital lost the valuable services of Dr. C. E. Hanna on February 1, with his transfer to the post of acting superintendent at the Brockville Hospital. Dr. M. Hertzberg, formerly on the Immigration Service in the free port of Danzig joined the staff in December 1943. With the transfer of P. J. Shackleton to Langstaff, Mr. E. J. Downey of the Orillia Hospital took over the steward's duties. Mr. Everitt Hill, storekeeper was transferred to Langstaff as steward,

and supervisor Wm. Dodgson was promoted to fill this vacancy. The total staff enlistments since the outbreak of war number 8. The eight-hour day has been in operation nearly a year, and in my opinion it has been a satisfactory procedure as the staff has now sufficient rest to enable them to do better work while on duty. A course of lectures in nursing for nurse-attendants was completed. This not only fits them for greater use to the hospital, but also makes them eligible for a higher classification.

Mrs. Fitzsimmons (Reg.N.) of the American Psychiatric Association made a survey of the nursing facilities in this Hospital. Her report contained some valuable suggestions. A new clothing room was constructed under the sunroom of Cottage "B" and this will give an additional dormitory to relieve the overcrowding in this cottage.

ONTARIO HOSPITAL, TORONTO

DR. J. R. McGEACH, Superintendent

Care and Treatment of Patients

A new electro-shock machine has been purchased and electro-shock treatments have replaced the use of metrazol. A larger number of patients can now be treated with a considerable saving of time and fewer complications.

Seventy-two patients were treated with artificial fever and chemotherapy, as compared with 87 the previous year. The discharge rate was the same, 45 per cent.

Total admissions were 492, an increase of 36 over the previous year. Twenty-four per cent of the admissions were over 65 years of age. The number of patients on probation averages about 100, and the boarding-out patients have increased from 26 to 36.

Staff, Administration and Buildings

Dr. E. C. McArthur was transferred to the staff of the Ontario Hospital, Whitby, on September 15, 1943. Dr. Ida Brill McDonald resigned on June 7, 1943. Dr. Shirley M. Colthart was appointed on July 15, 1943. Dr. A. T. Jousse was appointed as part-time physician on October 18, 1943. Mrs. Grace Hagerman was appointed as Social Service Nurse on November 4, 1943. Mrs. Margaret Gold was appointed as laboratory technician on February 16, 1943. Miss E. Spooner was transferred from the Ontario Hospital at London, as dietitian, replacing Miss K. Hogarth on January 1, 1944. Mr. J. F. Dwyer, the storekeeper at this hospital for 40 years, died on February 13, 1944. Twenty nurse-attendants were given a course of lectures, as outlined by the Department, and a total of 27 nurse-attendants are now employed.

As the industrial facilities of the hospital are the equivalent of a large occupational workshop, the placement of patients at useful work in the hospital is now more directly under the supervision of the Occupational Therapy staff. Miss Levesonte, following a survey, has provided an outline of recommendations for this department.

The appointment of Mrs. Grace Hagerman, a graduate nurse with psychiatric training and social service experience, has satisfactorily filled the vacancy in the Social Service Department.

ONTARIO HOSPITAL, WHITBY

DR. D. R. FLETCHER, Superintendent

Care and Treatment of Patients

During the past year, the situation in regard to help has steadily grown

worse until we have only about a quarter of our proper number of graduate physicians and about the same proportion of nurses. However, we have maintained a greater part of our essential services to such good effect that our ratio of discharges to admissions this year was just under 70 per cent. I note that the ratio of voluntary admissions is about twice as great in the readmissions as it is in the first admissions which, I think, shows some indication of the kindly feeling between our staff and patients generally.

We have during the year continued with shock-therapy, and in cases of depression, especially in the middle-aged group, it has undoubtedly materially shortened the hospital period. The general statistics on the subject are worsened by the fact that a great number of patients have been treated at the solicitation of friends and otherwise when the chances of recovery are very remote indeed.

Our group therapy has been continued with good results and our vocational program has been kept up as well as we were able. Our recreational program has suffered severely on account of the shortage of staff.

One good result of the war has been the co-operation we have been able to obtain in the placement of patients in remunerative employment and during the year Mrs. Douglas Holliday, who has returned as Social Worker, has been able to place 75 patients in this way and could place more if they were obtainable. A great many slightly handicapped persons have been taken out by their friends who might have been left in, in ordinary times. On the other hand, we have received a great many elderly people who, in ordinary times, I think would have been cared for at home but, at the present time, with everyone employed in war work or, in some other cases, in the Armed Forces, there has been no one at home to give the care necessary. A fifth of our admissions were over 65 years of age.

We have continued our boarding-out program and our probation program as in other years and even increased the number in both cases a little.

Unfortunately, the difficulty in obtaining help has extended to nurses-in-training and there is a marked falling off in this group as well. We have given a course to our group of nurses' aides who have responded very well to this type of education and made it possible for us to continue to function.

Staff, Administration and Buildings

The following members of the staff enlisted during the year for active service: Misses Laura Fair and Edna Haggerty, as Nursing Sisters; Messrs. Herbert J. Price and Dennis Sears joined the Navy and Lawrence Toutant enlisted in the Army. W. T. W. McCarthy of our permanent staff was killed in action in Italy. Cyril Gordon, a graduate nurse of this hospital went down with his ship in the Mediterranean and R. V. Ogilvie, also a graduate nurse of this hospital, is amongst those missing from the Athabaskan.

The following members of the staff were superannuated on account of ill health;

Messrs. William Harden, chef, and George Burgess, farmhand.

The following were superannuated on account of reaching the superannuation age;

Mrs. Millicent Matthews, housekeeper, and Mr. George Blight, farmhand.

In addition to the separation for military service, Dr. J. J. Geoghegan left to take his post-graduate course at the Toronto Psychiatric Hospital and Dr. R. J. Carson was transferred to the Ontario Hospital, New Toronto, in the position of Assistant Superintendent.

We have enlarged our chicken runs and for the first time we have had an ample supply of fresh eggs for the whole hospital. Our Holstein herd has been enlarged until now we have an ample supply of milk of superior quality for all purposes and our own swine supply us with an excellent supply of pork and we have been able to sell a considerable quantity.

In conclusion I would like to pay tribute to the members of the staff who have made it possible for us to carry on: some are married women who have continued at personal inconvenience to themselves, some are men who have refused attractive offers elsewhere. Their enthusiasm and sacrifice have been rewarded by seeing the number of recoveries kept up to our normal high standard and has also been evidenced by the fact that our contributions to war loans and to various charities, like the Red Cross, have steadily increased.

I would also like to express my sincere thanks to the people of the surrounding district who have been so helpful in the placing of patients both in boarding homes and at work.

ONTARIO HOSPITAL, WOODSTOCK

DR. E. A. CLARK, Superintendent

Care and Treatment of Patients

The number of resident patients remains virtually the same as a year ago, and the total is fairly evenly divided between the two divisions of the hospital. A majority of the admissions to the Epilepsy Division show marked physical or mental handicaps, and prolonged or indefinite hospitalization will be necessary. An extra burden on an already depleted nursing staff is therefore unavoidable. One ward in the T.B. Division was closed in the autumn of 1943 due to staff shortage, but a rearrangement of patients made it possible to carry on the existing program without interference. As heretofore, all newly discovered mentally ill tuberculous cases from Sanatoria, General Hospitals and other Ontario hospitals are admitted immediately.

In January 1944, a further step in T. B. control was undertaken whereby all suspect cases will be transferred to Woodstock. To date a number of the hospitals have been cleared of such cases, and it is hoped that the program will be complete by the end of 1944.

No new major therapeutic measures have been adopted during the past year.

Staff, Administration and Buildings

The establishment of an eight-hour day for all ward staff was a definite forward step, although it produced new problems due to the impossibility of securing sufficient additional employees to complete a proper establishment. Supervisors and other senior employees have had to assume further duties and responsibilities. Without their willing co-operation, a serious break-down in nursing services could easily have resulted.

Dr. D. O. Lynch, Superintendent, was appointed to the R.C.A.M.C. in July 1943, and in November his duties were taken over by Dr. E. A. Clark who had returned from overseas. Dr. Bernard LaBelle resigned in December 1943, to accept a position in Saskatchewan. Dr. W. H. K. Ross was transferred from the Ontario Hospital, Hamilton, on July 1, 1943. Miss Flora Cotnam, Reg. N., was given leave of absence to join the nursing services, R.C.A.M.C., and Miss Eleanor Smith and Miss Eileen Rider were appointed as Occupational Therapists in the Armed Forces. Miss Jessie McKay, Superintendent of Nurses in the T.B. Division, resigned during the year. Since the outbreak of war,

70 members of the staff have joined various branches of the Armed Forces.

Approval has been given for the necessary changes to complete and equip admission and infirmary wards, and a new occupational therapy centre in the Epilepsy Division. Additional laboratory facilities are being provided in the T.B. Division which, when completed, will function as a Branch Laboratory for the local area. No other work, other than extensive general maintenance, has been carried out.

ANNUAL REPORT OF ONTARIO HOSPITALS' CHEST CLINIC

For the Fiscal Year Ending March 31, 1944

O. V. DENT, M.D., Clinician

The work of this Clinic in the control of tuberculosis among patients and staff of the Ontario Hospital by means of chest X-rays and Tuberculin Tests, has continued according to the plan described in the report of the fiscal year ending March 31, 1938.

The table*, "Report of Work by Ontario Hospitals' Chest Clinic," accompanying this report indicates the volume of work carried out during the year. The grand totals show that the amount of work in some aspects has slightly increased, but in general has remained much the same as in previous years.

During the past year it has been possible to remove immediately all patients with Active Tuberculosis from Ontario Hospitals as soon as they have been discovered, and also to admit Tuberculous patients from sources other than Ontario Hospitals (mainly from Sanatoria) without delay. It may be noted that during the past year 73 patients in Ontario Hospitals were discovered to have Active Tuberculosis and were recommended for transfer to the Tuberculosis Unit. Upon reviewing previous tables it is encouraging to note the steady decrease in the numbers discovered with Active disease: for the fiscal years from March 31, 1940 to the present these are respectively, 137, 99, 90, 79 and 73. This decline in active cases can possibly be accounted for, at least in part, by the fact that admissions to the Tuberculosis Unit are not delayed since the Unit was established at Woodstock in October, 1939, with its increased bed capacity.

During the latter part of the past fiscal year, in an effort to remove potential sources of infection from Ontario Hospitals, a program was begun by which patients with questionably active or suspect tuberculosis who previously had been cared for on the Chest Observation Wards were transferred to the Tuberculosis Unit for the further investigation of their chest conditions. In order to accept these patients, it has been necessary to transfer patients with minimal, arrested tuberculosis from the Tuberculosis Unit, to the other Ontario Hospitals where they can be cared for by having casual observation on the general wards. It is hoped that by the end of the present year, it will be possible to transfer all suspect cases to the Tuberculosis Unit.

During the past fiscal year 1,328 staff applicants were examined radiologically. Of these 15 or 1.3 per cent were considered unsuitable for employment because of pulmonary tuberculosis either active or questionably active, and 322 or 24.25 per cent were accepted with reservations because of abnormal chest X-ray markings, possibly but not necessarily, tuberculous in nature. These were accepted for temporary employment only, and will have further investigation, within six months of commencing employment. (In the previous fiscal year this group constituted 20.3 per cent and in the year prior to that, only 7.2 per cent. This recent higher percentage is probably accounted for by the fact that older persons and those not medically fit for the Armed Forces were applying for positions. The remaining 991 or 74.62 per cent were considered suitable for employment, without reservations as far as chest X-ray was concerned.

*Table No. 40, Page 90

Three thousand, one hundred (3,100) patient admissions to Ontario Hospitals were examined radiologically and of this number 11 or 0.4% were found to have Active Pulmonary Tuberculosis and were therefore recommended for transfer to the Tuberculosis Unit, and 32 or 1.0% were recommended for isolation and further investigation in their respective hospitals because of questionable active or suspect tuberculosis. Also 31 or 1.0% were recommended for isolation because of pneumonia of unknown etiology (not suspected of tuberculosis) on their routine admissions film. In addition 524 or 16.9 per cent were placed on casual observation because of abnormal chest X-ray markings, possibly but not necessarily tuberculous in nature. The remaining 2,502 or 80.7 per cent had normal films.

The following table indicates the status of tuberculous patients in all Ontario Hospitals on March 31, 1944:—

	MALE	FEMALE	TOTAL
Number Under Treatment (or investigation) in Tuberculosis Unit at Woodstock.....	322	253	575
Number Under Isolation for Active Disease at the Various Ontario Hospitals Awaiting Transfer to the Tuberculosis Unit.....	.....	.....	.....
Number Under Segregation for Further Investigation at the Various Ontario Hospitals (questionably Active or Suspect Tuberculosis).....	67	55	122

A word of explanation appears necessary here as there is some apparent conflict between the above table and the large table "Report of Work by Ontario Hospitals Chest Clinic," in that the column "Number of cases advised for investigation, staff merely repeat X-rays, patients segregated while investigated," in the large table indicates the patient total as 1,660—which includes not only questionably active and suspect tuberculosis, but also those with abnormal X-ray markings, whether tuberculosis arrested, probably arrested, etc., and recommended for casual observation while on the general wards; whereas the small table above shows only those isolated because of questionably active or suspect tuberculosis.

A further subdivision of the patients under treatment in the Tuberculosis Unit is presented in the following table which indicates the classification with reference to tuberculosis at the end of the fiscal year. These figures change frequently as a result of the recheck examinations but the table is of interest in showing an approximation in the tuberculous status of patients in residence in the Tuberculosis Unit. It should be added that patients who are classified as having "quiescent" tuberculosis are on part-time exercise, and those classified as having "probably arrested" disease are for the most part, on full exercise, and depending on their next examination, their classification may be altered; if improved they will be classed as having "arrested" tuberculosis. The "arrested" group have been on exercise for at least 6 months without showing any radiological changes. It is from this "arrested" group that patients are selected for transfer out of the Tuberculosis Unit, either to return to the various Ontario Hospitals, or if their mental condition warrants, to be placed on probation. It should also be mentioned that patients whose tuberculosis is classified as other than "arrested" and whose mental condition has improved sufficiently are transferred to a Sanatorium for further treatment of their chest disease.

	ACTIVITY QUESTION- ABLE	QUIESCENT	PROBABLY ARRESTED	ARRESTED	TOTALS
Male.....	91	61	52	118	322
Female.....	111	38	50	54	253
Total.....	202	99	102	172	575

NOTE: Table G of the Tuberculosis Unit Annual Report gives information similar to the above and is further subdivided for age groups and extent of disease.

In cases of Ontario Hospital employees who develop tuberculosis this Clinic performs or arranges for re-examinations during their convalescence following discharge from Sanatoria and after their return to duty. The Clinic also performs artificial pneumothorax refills upon employees discharged from Sanatoria who require such treatments and who live within reasonable distance. There is close co-operation between the Division of Tuberculosis Prevention and this Clinic with regard to the post-sanatorium care or "after care" of members of staff discharged from Sanatoria.

The Medical Staff of the Tuberculosis Unit was augmented in June 1943 by the addition of Dr. W. H. K. Ross who was formerly on the staff of the Ontario Hospital, Hamilton. There were no other changes in the Medical Staff.

The conducting of Surveys has been continued as described for the previous fiscal year and on approximately the same scale, with Dr. Lois E. Kent very ably continuing the duties of Travelling Chest Clinician.

The continued assistance and co-operation of the superintendents and staffs of the various Ontario Hospitals, has been of great help in the completion of this work. Moreover, the members of the Chest Consultant Board continued to take a very active interest in this Service, for which we are grateful, and we herewith express our appreciation of their help.

ONTARIO HOSPITAL POPULATION STATISTICS ANNUAL REVIEW - 1944

L. S. PENROSE, M.D., Acting Medical Statistician

Information about the general trends of the Ontario Hospital population figures is summarized in Tables I to XII.

The total number of patients on the Hospital books, 15,866 in 1944, has been almost stationary for the last 2 years and the rate per 100,000 persons in the general population is now 401 as shown in Table I.

The number of patients on probation and the number boarded out are both slightly smaller than last year: Table II shows that 5.8 per cent of patients on the books were on probation in March 1944 and 3.4 per cent were living under "family care" in boarding homes.

The analysis given in Table III, of the resident patient population, which now totals 14,922, has been supplemented this year by a new table, No. 10, p. 47 which shows the exact ages of all patients. The age group of patients over 65 years can now be studied in detail for the first time; as Table III shows, this age group contains a large excess of female cases.

Information about the ages of first admissions, shown in Tables IV and V is also supplemented by a new table, No. 17, p. 54. The high rate of first admissions, in the age group above 65 years as compared with younger groups is noteworthy.

The diagnoses of resident patients are summarized in Table VI. The number of cases diagnosed dementia praecox (schizophrenia) tends to increase slowly year by year and was 6,811 in 1944 as compared with 6,392 in 1939. The number of cases diagnosed manic depressive psychosis, after falling steadily for some years, is now almost stationary: 1,092 in 1943 and 1,095 in 1944. The numbers of resident patients diagnosed senile and arteriosclerotic are continuing slowly to increase.

First admissions, classified according to diagnosis are shown in Table VII. Most of the diagnosis groups show little change in numbers since last year but cases diagnosed senile psychosis have increased to 270 in 1944 as compared with 260 in 1943 and 217 in 1942.

Admissions, discharges and deaths in the various hospitals are compared in Table VIII. The average "discharge rate" for all hospitals, shown at the foot of the fourth column, is 60.8 per cent, slightly less favourable than the figures for 1943 and 1942, which were 63.3 per cent and 65.1 per cent respectively. The death rate continued to be high in 1944 as it was in 1943 and the number of deaths in hospital in 1944 was more than one third, i.e. 36.6 per cent of the number of admissions: the corresponding figure for 1943 was only 33.9 per cent.

Recovery rates for 1944 shown in Table IX, do not show the tendency observed in 1943 and 1942 for the number of patients, classified as recovered, to increase. In 1944, 577 patients were discharged as recovered as compared with 641 patients in 1943 and 607 in 1942.

Table X compares discharge rates and death rates for the different diagnosis groups. Senile cases show a low discharge rate, 15.4 per cent, and a high death rate, 86.1 per cent. Conversely, in manic depressive psychosis, the discharge rate was 87.5 per cent and the death rate, 16.1 per cent.

Discharge rates, based upon admissions and readmissions, classified by age in Table XI, indicate that the highest discharge rate, 76.7 per cent, and the lowest death rate, 8.8 per cent, are to be found in the age group 15-24 years.

The causes of deaths in hospital are summarized in Table XII and the general rate from all causes per 1,000 patients is shown to be 61.5. This figure, though higher than that in 1943, which was 56.4, is probably associated with the increasing number of elderly patients admitted. It is encouraging, however, to find that the tuberculosis death rate has again fallen and stands at 2.6 per 1,000 patients in 1944 as compared with 2.9 in 1943, 3.1 in 1942 and 8.1 in 1941.

TABLE I
TRENDS IN PATIENT POPULATION—ONTARIO HOSPITALS
1930-1944

YEAR	IN RESIDENCE*		ON BOOKS†	
	NUMBER	RATE‡	NUMBER	RATE‡
1930.....	10,060	297	10,390	307
1931.....	10,488	306	10,930	318
1932.....	11,052	318	11,498	331
1933.....	11,578	325	12,236	343
1934.....	12,068	333	12,883	355
1935**.....	12,314	335	12,879	351
1936.....	13,142	356	13,868	376
1937.....	13,487	363	14,288	385
1938.....	14,056	377	14,736	395
1939.....	14,247	380	15,196	405
1940.....	14,314	379	15,283	405
1941.....	14,486	383	15,490	409
1942.....	14,728	389	15,712	415
1943.....	14,826	388	15,811	413
1944.....	14,922	377	15,866	401

*Includes patients boarded out from 1934.

†Includes patients in residence and on probation.

‡Per 100,000 population.

**Five-month period.

TABLE II
PATIENT POPULATION—ONTARIO HOSPITALS
1935-1944
Number of Patients on March 31

YEAR	PATIENTS IN RESIDENCE		PATIENTS ON PROBATION		PATIENTS BOARDED OUT		TOTAL ON BOOKS*
	NUMBER	PER CENT	NUMBER	PER CENT	NUMBER	PER CENT	
1935.....	12,042	93.5	565	4.4	272	2.1	12,879
1936.....	12,750	91.9	726	5.2	392	2.8	13,868
1937.....	13,019	91.1	801	5.6	468	3.3	14,288
1938.....	13,574	92.1	680	4.6	482	3.3	14,736
1939.....	13,746	90.5	940	6.2	501	3.3	15,196
1940.....	13,764	90.0	962	6.4	550	3.6	15,283
1941.....	13,981	90.3	986	6.4	505	3.3	15,490
1942.....	14,169	90.2	970	6.2	559	3.6	15,712
1943.....	14,264	90.2	960	6.1	562	3.6	15,811
1944.....	14,376	90.6	927	5.8	546	3.4	15,866

*Includes patients on elopement and not discharged.

TABLE III
AGE DISTRIBUTION BY SEX—RESIDENT POPULATION AND
GENERAL POPULATION OF PROVINCE

AGE	MALES			FEMALES		
	PROVINCE* POPULATION	ONTARIO HOSPITALS	RATE†	PROVINCE* POPULATION	ONTARIO HOSPITALS	RATE†
Under 5.....	185,570	16	0.09	178,278	16	0.09
5-9.....	153,679	105	0.68	148,771	77	0.52
10-14.....	159,071	261	1.64	154,172	164	1.06
15-19.....	170,532	363	2.13	165,611	337	2.03
20-24.....	170,606	407	2.39	166,277	383	2.30
25-29.....	163,892	494	3.01	159,294	444	2.79
30-34.....	156,353	654	4.18	150,630	543	3.60
35-39.....	144,011	691	4.80	136,116	633	4.65
40-44.....	134,208	838	6.24	125,105	723	5.78
45-49.....	122,720	760	6.19	116,964	737	6.30
50-54.....	112,182	741	6.61	107,361	750	6.99
55-59.....	99,158	621	6.26	94,085	719	7.64
60-64.....	81,071	579	7.14	78,837	625	7.93
65-69.....	61,893	432	6.98	64,070	479	7.48
70-74.....	44,085	290	6.58	47,657	367	7.70
75-79.....	27,264	156	5.72	31,518	235	7.46
80-84.....	13,910	64	4.60	17,021	106	6.23
85-89.....	5,308	34	6.41	6,850	50	7.30
90-94.....	1,209	2	1.65	1,728	13	7.52
95 and Over.....	168	.....	.....	325	2	6.15
Not Stated.....	.....	8	.....	.....	3	.....
ALL AGES.....	2,006,890	7,516	3.75	1,950,670	7,406	3.80

*As in "The Population of Ontario from 1921 to 1965" Division of Psychiatric Research, August 1944.

†Rate per 1,000 population at ages.

TABLE IV
AGE DISTRIBUTION BY SEX—FIRST ADMISSIONS

AGE	MALES		FEMALES	
	ONTARIO HOSPITALS	RATE*	ONTARIO HOSPITALS	RATE*
Under 5.....	16	0.09	10	0.06
5- 9.....	39	0.25	23	0.15
10-14.....	47	0.30	39	0.25
15-19.....	90	0.53	110	0.66
20-24.....	74	0.43	87	0.52
25-29.....	82	0.50	84	0.53
30-34.....	74	0.47	107	0.71
35-39.....	61	0.42	93	0.68
40-44.....	79	0.59	100	0.80
45-49.....	53	0.43	87	0.74
50-54.....	70	0.62	84	0.78
55-59.....	53	0.53	72	0.77
60-64.....	55	0.68	64	0.81
65-69.....	60	0.97	62	0.97
70-74.....	82	1.86	59	1.24
75-79.....	61	2.24	57	1.81
80-84.....	35	2.52	47	2.76
85-89.....	21	3.96	23	3.36
90-94.....	1	0.83	3	1.74
95 and Over.....	.....	.....	.....	.....
Not Stated.....	5	.....	.....	.....
ALL AGES.....	1,058	0.53	1,211	0.62

*Rate per 1,000 population at ages

TABLE V
FIRST ADMISSIONS AND PATIENTS IN RESIDENCE BY AGE
Year Ending March 31, 1944

AGE	PROVINCE POPULATION*	FIRST ADMISSIONS		PATIENTS IN RESIDENCE†	
		NUMBER	RATE‡	NUMBER	RATE‡
Under 5.....	363,848	26	0.07	32	0.09
5- 9.....	302,450	62	0.21	182	0.60
10-14.....	313,243	86	0.27	425	1.36
15-19.....	336,143	200	0.59	700	2.08
20-24.....	336,883	161	0.48	790	2.35
25-29.....	323,186	166	0.51	938	2.90
30-34.....	306,983	181	0.59	1,197	3.90
35-39.....	280,127	154	0.55	1,324	4.73
40-44.....	259,313	179	0.69	1,561	6.02
45-49.....	239,684	140	0.58	1,497	6.25
50-54.....	219,543	154	0.70	1,491	6.79
55-59.....	193,243	125	0.65	1,340	6.93
60-64.....	159,908	119	0.74	1,204	7.53
65-69.....	125,963	122	0.97	911	7.23
70-74.....	91,742	141	1.54	657	7.16
75-79.....	58,782	118	2.01	391	6.65
80-84.....	30,931	82	2.65	170	5.50
85-89.....	12,158	44	3.62	84	6.91
90-94.....	2,937	4	1.36	15	5.11
95 and Over.....	493	.....	.....	2	4.06
Not Stated.....	.....	5	.....	11	.....
ALL AGES.....	3,957,560	2,269	0.57	14,922	3.77

*Estimated as previously.

†Rate per 1,000 population at ages.

‡Includes patients boarded out.

TABLE VI
PATIENTS IN RESIDENCE BY DIAGNOSIS—1939-1944

DIAGNOSIS	1939	1940	1941	1942	1943	1944
	NUMBER OF PATIENTS					
Dementia Praecox.....	6,392	6,493	6,645	6,751	6,786	6,811
Manic-depressive Psychoses.....	1,256	1,163	1,170	1,113	1,092	1,095
Psychoses with Mental Deficiency.....	622	599	587	607	599	595
Senile Psychoses.....	446	364	383	415	428	453
Epileptic Psychoses.....	416	409	406	395	372	368
Mental Deficiency without Psychosis...	2,736	2,884	2,862	2,979	3,040	3,125
G.P.I. and Cerebral Syphilis.....	512	523	534	551	522	529
Psychoses with Cerebral Arterioscler...	328	337	369	379	414	431
Involuntional Psychoses.....	248	270	241	265	268	243
Paranoia and Paranoid Conditions.....	230	233	234	235	239	211
Alcoholic Psychoses.....	67	57	51	56	59	62
Alcoholism without Psychosis.....	21	9	11	15	14	15
Epilepsy without Psychosis.....	522	562	562	566	577	555
All Other.....	451	411	431	401	416	429
TOTALS.....	14,241	14,314	14,486	14,728	14,826	14,922
DIAGNOSIS	RATES PER 100,000 POPULATION					
Dementia Praecox.....	170.4	171.9	176.6	178.2	177.4	172.1
Manic-depressive Psychoses.....	33.5	30.8	31.1	29.3	28.6	27.7
Psychoses with Mental Deficiency.....	16.6	15.9	15.6	16.0	15.7	15.0
Senile Psychoses.....	11.9	9.6	10.2	10.9	11.2	11.4
Epileptic Psychoses.....	11.1	10.8	10.8	10.4	9.7	9.3
Mental Deficiency without Psychosis...	72.9	76.4	76.1	78.6	79.5	79.0
G.P.I. and Cerebral Syphilis.....	13.6	13.8	14.2	14.5	13.6	13.4
Psychoses with Cerebral Arterioscler...	8.7	8.9	9.8	10.0	10.8	10.9
Involuntional Psychoses.....	6.6	7.1	6.4	6.9	7.0	6.1
Paranoia and Paranoid Conditions.....	6.2	6.2	6.2	6.2	6.2	5.3
Alcoholic Psychoses.....	1.8	1.5	1.4	1.4	1.5	1.6
Alcoholism without Psychosis.....	0.6	0.2	0.3	0.3	0.4	0.4
Epilepsy without Psychosis.....	13.9	14.9	14.9	14.9	15.1	14.0
All Other.....	12.0	10.9	11.5	10.5	10.5	10.8
TOTALS.....	379.7	379.0	385.0	388.8	387.6	377.0

TABLE VII
FIRST ADMISSIONS BY DIAGNOSIS, 1930-1944*

DIAGNOSIS	NUMBER OF PATIENTS														
	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
Dementia Praecox.....	480	495	545	576	232	616	603	594	586	524	504	489	462	425	
Manic-Depressive Psychoses.....	185	276	300	303	110	394	334	325	316	325	306	274	284	297	
Senile Psychoses.....	291	163	121	150	58	183	171	194	165	173	200	217	260	270	
Mental Deficiency without Psychoses.....	165	159	368	299	309	375	385	404	385	404	332	387	331	341	
G.P.I. and Cerebral Syphilis.....	115	138	130	142	140	49	145	124	128	129	125	102	89	116	
Psychoses with Cerebral Arteriosclerosis.....	79	88	131	147	155	56	187	125	178	213	189	209	195	226	
Psychoses with Mental Deficiency.....	68	70	90	96	67	27	86	54	52	50	52	64	42	54	
Epileptic Psychoses.....	45	58	41	44	15	53	47	61	48	134	45	34	29	34	
Involuntal Psychoses.....	86	74	79	52	57	23	73	72	90	95	91	98	105	101	
Paranoia and Paranoid Conditions.....	33	65	53	42	22	52	69	43	51	43	40	31	34	28	
Alcoholic Psychoses.....	42	35	25	24	19	9	62	39	42	42	32	32	37	43	
Alcoholism without Psychoses.....	15	22	21	19	16	55	71	72	70	56	21	23	13	16	
Epilepsy without Psychoses.....	39	27	54	85	29	101	56	76	95	107	88	78	69	70	
All Other.....	206	219	288	268	276	118	391	396	382	362	332	327	303	271	
TOTALS.....	1,859	1,922	2,250	2,198	2,241	837	1,767	2,536	2,612	2,541	2,301	2,370	2,259	2,269	
DIAGNOSIS	RATE PER 100,000 POPULATION														
Dementia Praecox.....	17.2	14.0	14.2	15.7	16.2	15.5	17.1	16.3	15.9	13.9	13.4	12.9	12.1	11.0	
Manic-Depressive Psychoses.....	5.5	8.0	8.6	8.6	8.6	7.4	10.9	9.1	8.7	8.6	8.1	7.2	7.4	7.5	
Senile Psychoses.....	5.9	6.2	4.7	3.4	4.2	3.9	5.1	4.6	5.2	4.4	5.3	5.7	6.8	6.8	
Mental Deficiency without Psychoses.....	4.9	4.6	10.6	8.5	8.7	4.9	10.2	10.3	10.8	8.8	7.4	10.2	8.7	8.6	
G.P.I. and Cerebral Syphilis.....	3.4	4.0	3.7	4.0	4.0	3.3	4.0	3.4	3.9	3.4	3.3	2.7	2.3	2.9	
Psychoses with Cerebral Arteriosclerosis.....	2.3	2.6	3.8	4.2	4.4	3.8	5.2	4.4	4.7	5.6	5.0	5.5	5.1	5.7	
Psychoses with Mental Deficiency.....	2.0	2.0	2.6	2.7	1.9	1.8	2.4	1.5	1.4	1.3	1.1	1.7	1.1	1.4	
Epileptic Psychoses.....	1.3	1.7	1.2	1.3	1.5	1.0	1.5	1.3	1.6	1.4	1.2	0.9	0.6	0.9	
Involuntal Psychoses.....	2.5	2.1	2.3	1.5	1.6	1.5	2.0	1.9	2.4	3.5	2.4	2.6	2.7	2.6	
Paranoia and Paranoid Conditions.....	1.0	1.9	1.9	1.5	1.2	0.6	1.4	1.8	1.4	1.1	1.1	0.8	0.9	0.7	
Alcoholic Psychoses.....	1.2	1.0	0.7	0.7	0.5	0.6	1.7	1.1	1.0	1.1	0.9	0.9	1.1	0.5	
Alcoholism without Psychoses.....	0.4	0.6	0.6	0.5	0.7	1.1	1.5	1.9	1.9	1.5	0.6	0.6	0.3	0.4	
Epilepsy without Psychoses.....	1.2	0.8	1.6	2.4	1.8	1.9	2.8	1.5	2.0	2.8	2.3	2.1	1.8	1.8	
All Other.....	6.1	6.4	8.3	7.6	7.7	7.9	10.8	10.7	10.6	9.0	8.8	8.6	7.9	6.8	
TOTALS.....	54.7	56.0	64.8	62.5	63.9	56.1	76.9	68.7	70.7	67.3	61.2	62.5	58.8	57.6	

*1930-34—Year ending October 31. 1935—Five months ending March 31. 1936-44—Year ending March 31.

TABLE VIII
DISCHARGE AND DEATH RATES BY HOSPITAL
ONTARIO HOSPITALS—1944

HOSPITALS	TOTAL ADMIS- SIONS	TOTAL* TREATED	DISCHARGES			DEATHS		
			NUMBER	PER 100 AD- MITTED	PER 1,000 TREATED	NUMBER	PER 100 AD- MITTED	PER 1,000 TREATED
Brockville.....	211	1,420	98	46.4	69.0	84	39.8	59.1
Cobourg.....	44	624	67	152.2	107.4	9	20.4	14.4
Fort William.....	55	133	31	56.4	233.1	8	14.5	60.1
Hamilton.....	470	2,062	246	52.3	119.3	173	36.8	83.9
Kingston.....	204	1,433	115	56.4	80.2	101	49.5	70.5
Langstaff.....	.....	439	11	.....	25.0	3	.....	6.8
London.....	479	2,200	287	59.9	130.4	155	32.3	70.4
New Toronto.....	245	1,789	184	75.1	102.8	98	40.0	54.8
Orillia.....	206	2,381	82	39.8	34.4	61	29.6	25.6
Penetang.....	24	656	9	37.5	13.6	16	66.7	24.4
Toronto.....	427	1,791	215	50.3	120.0	176	41.2	98.3
Whitby.....	524	2,434	365	69.6	149.9	132	25.2	54.2
Woodstock.....	109	1,426	114	104.6	79.9	82	75.2	57.5
ALL HOSPITALS.....	2,998	18,788	1,824	60.8	97.1	1,098	36.6	58.4

*Patients on the books March 31, 1944, plus discharges and deaths during the year.

TABLE IX
DISCHARGE RATES BY CONDITION ON DISCHARGE—Year Ending March 31, 1944

HOSPITAL	TOTAL ADMIS- SIONS	PATIENTS TREATED *	RECOVERED			IMPROVED			UNIMPROVED			WITHOUT MENTAL DISORDER			TOTAL		
			No.	PER 100 ADMIT'D	PER 1,000 TREATED	No.	PER 100 ADMIT'D	PER 1,000 TREATED	No.	PER 100 ADMIT'D	PER 1,000 TREATED	No.	PER 100 ADMIT'D	PER 1,000 TREATED	No.	PER 100 ADMIT'D	PER 1,000 TREATED
Brookville.....	211	1,420	37	17.5	26.0	46	21.8	32.4	4	1.9	2.8	11	5.2	7.7	98	46.4	69.0
Cobourg.....	44	624	.....	.....	.....	.....	.....	.....	.....	.....	.....	67	152.3	107.4	67	152.3	107.4
Fort William.....	55	133	6	10.9	45.1	17	30.9	127.8	8	14.5	60.1	.....	.....	.....	31	56.4	233.1
Hamilton.....	470	2,062	105	22.3	50.9	117	24.9	56.7	24	5.1	11.6	.....	.....	.....	216	52.3	119.3
Kingston.....	204	1,433	30	14.7	20.9	56	27.4	39.1	8	3.9	5.6	21	10.3	14.6	115	56.4	80.2
Langstaff.....	.....	439	.....	.....	.....	6	.....	13.7	5	.....	11.4	.....	.....	.....	11	.....	25.0
London.....	479	2,200	104	21.7	47.3	148	30.9	67.3	16	3.3	7.3	19	4.0	8.6	287	59.9	130.4
New Toronto.....	245	1,789	48	19.6	26.8	133	54.3	74.3	3	1.2	1.7	.....	.....	.....	184	75.1	102.8
Orillia.....	206	2,381	.....	.....	.....	33	16.0	13.8	19	23.8	20.6	.....	.....	.....	82	39.8	34.4
Penetang.....	24	656	.....	.....	.....	6	25.0	9.1	3	12.5	4.6	.....	.....	.....	9	37.5	13.7
Toronto.....	427	1,791	44	10.3	24.6	123	28.8	68.7	25	5.8	13.9	23	5.4	12.8	215	50.3	120.0
Whitby.....	524	2,434	187	35.7	76.8	127	24.2	52.2	20	3.8	8.2	31	5.9	12.7	365	69.6	149.9
Woodstock.....	109	1,426	16	14.7	11.2	19	17.4	13.3	5	4.6	3.5	74	67.9	51.9	114	101.6	79.9
ALL HOSPITALS.....	2,998	18,788	577	19.2	30.7	831	27.7	44.2	170	5.7	9.0	246	8.2	13.1	1,824	60.8	97.1

*Patients on the books March 31, 1944, plus discharges and deaths during the year

TABLE X
DISCHARGE AND DEATH RATES FOR SELECTED PSYCHOSES
Year Ending March 31, 1944

PSYCHOSES	TOTAL ADMIS- SIONS	NUMBER TREATED *	DISCHARGES			DEATHS		
			NUMBER	PER 100 AD- MITTED	PER 1,000 TREATED	NUMBER	PER 100 AD- MITTED	PER 1,000 TREATED
Senile†.....	520	1,412	80	15.4	56.6	448	86.1	317.3
Dementia Praecox.....	668	7,480	440	65.9	58.8	229	34.3	30.6
Manic Depressive.....	530	1,644	464	87.5	282.2	85	16.1	51.7
General Paresis‡.....	135	638	45	33.3	70.5	64	47.4	100.3
Epileptic.....	55	427	35	63.6	82.0	24	43.6	56.2
With Mental Deficiency.....	72	658	40	55.5	60.8	23	31.9	34.9
Other Psychoses.....	476	1,363	359	75.4	263.4	109	22.9	80.0
Without Psychosis.....	542	4,222	361	66.6	85.5	116	21.4	27.5
TOTAL	2,998	17,844	1,824	60.8	102.2	1,098	36.6	61.5

*Patients in residence, March 31, 1944, plus discharges and deaths during the year.

†Including psychoses with cerebral arteriosclerosis.

‡Including psychoses due to cerebral syphilis.

TABLE XI
DISCHARGES AND DEATHS BY AGE
Year Ending March 31, 1944

AGE GROUPS	FIRST AND READMIS- SIONS	NUMBER TREATED *	DISCHARGES			DEATHS		
			NUMBER	PER 100 AD- MITTED	PER 1,000 TREATED	NUMBER	PER 100 AD- MITTED	PER 1,000 TREATED
Under 15	180	682	26	14.4	38.1	25	13.9	36.6
15-24	433	1,942	332	76.7	170.9	38	8.8	19.6
25-34	520	2,633	395	76.0	150.0	56	10.8	21.3
35-44	491	3,320	358	72.9	107.8	69	14.0	20.8
45-54	428	3,452	312	72.9	90.4	135	31.5	39.1
55-64	359	2,915	236	65.7	81.0	186	51.8	63.8
65 and Over.....	581	2,882	163	28.0	56.5	586	100.9	203.3
Not Stated.....	6	18	2	.....	.....	3	.....	.....
ALL AGES	2,998	17,844	1,824	60.8	102.2	1,098	36.6	61.5

*Patients in residence, March 31, 1944, plus discharges and deaths.

TABLE XII
PRINCIPAL RECORDED CAUSES OF DEATH
ONTARIO HOSPITALS, 1943-44, AND ONTARIO, 1943

CAUSE OF DEATH	ONTARIO HOSPITALS			PROVINCE		
	NUMBER	RATE*	PERCENT	NUMBER	RATE†	PERCENT
1. Pneumonia and Bronchitis.....	256	14.3	23.3	2,198	0.6	5.4
2. Diseases of the Heart.....	384	21.5	35.0	12,700	3.2	30.9
3. Cerebral Haemorrhage.....	111	6.2	10.1	1,439	0.4	3.5
4. Tuberculosis (All Forms).....	46	2.6	4.2	1,101	0.3	2.7
5. Diseases of the Arteries.....	69	3.9	6.3	1,027	0.3	2.5
6. Cancer (All Forms).....	27	1.5	2.4	5,193	1.3	12.6
TOTAL 1-6.....	893	50.0	81.3	23,658	6.0	57.6
All Other Causes.....	205	11.5	18.7	17,405	4.4	42.4
GRAND TOTALS.....	1,098	61.5	100.0	41,063	10.4	100.0

*Rate per 1,000 under treatment (17,844).

†Rate per 1,000 population (3,957,560).

**DETAILED
STATISTICAL TABLES**

TABLE No. 1
DETAILED MOVEMENT OF PATIENT POPULATION—April 1, 1943, to March 31, 1944

POPULATION	TOTAL		BROCKVILLE		COBOURG		FORT WILLIAM		HAMILTON		KINGSTON		LANCASTER		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.
1. Patients on Books, April 1, 1943:															
In Residence.....	7,262	6,982	14,244	572	558	1,130	422	422	89	779	738	1,517	583	526	1,109
In Boarding Homes.....	188	374	562	10	22	32	28	28	.....	.....	.....	.....	16	35	51
On Probation.....	401	559	960	21	38	59	87	87	4	48	82	130	26	24	50
On Elopement (Not Discharged).....	9	16	25	.....	.....	.....	11	11	.....	.....	.....	.....	1	.....	1
TOTAL ON BOOKS.....	7,860	7,931	15,791	603	618	1,221	548	548	93	834	832	1,666	626	585	1,211
2. Admitted During Year:															
First Admissions.....	1,958	1,211	2,269	61	91	152	38	38	45	157	168	325	76	76	152
Readmissions.....	325	404	729	26	33	59	6	6	10	58	87	145	27	25	52
Transfers Received.....	318	256	574	7	1	8	90	90	3	25	18	43	34	4	38
TOTAL ADMITTED.....	1,701	1,871	3,572	94	125	219	134	134	58	240	273	513	137	105	242
3. Total Under Care*	9,561	9,802	19,363	697	743	1,440	682	682	151	1,074	1,105	2,179	763	690	1,453
4. Discharged During Year:															
Recovered.....	228	349	577	18	19	37	.....	.....	6	37	68	105	11	19	30
Improved.....	378	453	831	16	30	46	.....	.....	17	17	70	117	25	31	56
Unimpaired.....	86	181	267	3	1	4	.....	.....	8	12	12	24	5	3	8
Without Psychosis.....	121	125	246	9	2	11	67	67	.....	.....	.....	.....	13	8	21
Died.....	570	528	1,098	42	42	84	9	9	8	77	96	173	64	37	101
Transferred.....	319	256	575	17	3	20	58	58	18	18	23	117	14	6	20
TOTAL DISCHARGED FROM BOOKS*	1,705	1,792	3,497	105	97	202	134	134	57	267	269	536	132	104	236
5. Patients on Books, March 31, 1944:															
In Residence.....	7,319	7,057	14,376	568	584	1,152	430	430	88	755	746	1,501	590	525	1,115
In Boarding Homes.....	197	349	546	9	20	29	26	26	.....	.....	.....	.....	13	31	44
On Probation.....	327	600	927	15	42	57	91	91	6	43	80	123	27	30	57
On Elopement (Not Discharged).....	13	4	17	.....	.....	.....	1	1	.....	.....	.....	.....	1	.....	1
TOTAL ON BOOKS.....	7,856	8,010	15,866	592	646	1,238	548	548	94	807	836	1,643	631	586	1,217
6. Daily Average Population in Res.....	7,335	7,168	14,503	577	568	1,145	419	419	91	793	780	1,553	628	589	1,217
7. Daily Average Population on Books.....	7,812	7,901	15,713	612	632	1,244	540	540	96	830	836	1,666	583	524	1,107

*These figures include transfers—actual numbers for all hospitals combined are 18,788 and 2,922.
 †Elopers discharged (53) are included with ordinary discharges.
 ‡Excludes deaths on probation and elopement; these are included with ordinary discharges.

TABLE No. 1 (Concl'd)
DETAILED MOVEMENT OF PATIENT POPULATION—April 1, 1943, to March 31, 1944

POPULATION	LONDON			NEW TORONTO			ORILLIA			PENETANG			TORONTO			WHITBY			WOODSTOCK			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Patients on Books, April 1, 1942:																						
In Residence.....	748	797	1,545	638	730	1,368	1,074	914	1,988	365	241	606	634	614	1,248	730	872	1,602	625	570	1,195	
In Boarding Homes.....	26	43	69	44	42	86	101	101	202	8	12	20	6	20	26	47	53	100	3	31	3	
On Probation.....	57	78	135	52	48	100	39	34	73	1	.....	.....	50	52	102	61	91	152	36	31	67
On Elopement (Not Discharged).....	.....	.....	.....	.....	.....	.....	8	5	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTAL ON BOOKS.....	831	918	1,749	734	820	1,554	1,142	1,054	2,196	374	253	627	690	686	1,376	838	1,016	1,854	664	601	1,265	
2. Admitted During Year:																						
First Admissions.....	163	193	356	92	105	197	106	90	196	11	8	19	159	173	332	144	227	371	44	42	86	
Readmissions.....	64	59	123	13	35	48	6	4	10	5	.....	.....	40	55	95	63	90	153	13	10	23
Transfers Received.....	5	11	16	10	7	17	.....	57	57	12	1	13	44	21	65	70	8	78	59	38	97
TOTAL ADMITTED.....	232	263	495	115	147	262	112	151	263	28	9	37	243	249	492	277	325	602	116	90	206	
3. Total Under Care*.....	1,063	1,181	2,244	849	967	1,816	1,254	1,205	2,459	402	262	664	933	935	1,868	1,115	1,341	2,456	780	691	1,471	
4. Discharged During Year:																						
Recovered.....	38	66	104	22	26	48	.....	.....	.....	.....	.....	.....	18	26	44	67	120	187	11	5	16
Improved.....	71	77	148	51	82	133	16	17	33	3	3	6	62	61	123	54	73	127	10	9	19	
Unimproved.....	6	10	16	1	2	3	24	25	49	2	1	3	12	13	25	8	12	20	3	2	5	
Without Psychosis.....	16	3	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	6	23	25	6	31	41	33	74
Died.....	80	75	155	49	49	98	35	26	61	11	5	16	97	79	176	53	79	132	51	31	82	
Transferred.....	20	24	44	11	16	27	4	74	78	8	.....	.....	58	19	77	12	10	22	22	23	45
TOTAL DISCHARGED FROM BOOKS*.....	231	255	486	134	175	309	79	142	221	24	9	33	264	204	408	219	300	519	138	103	241	
5. Patients on Books, March 31, 1944:																						
In Residence.....	759	799	1,558	642	700	1,342	1,100	945	2,045	368	242	610	623	629	1,252	780	884	1,664	625	573	1,198	
In Boarding Homes.....	13	44	57	47	48	95	23	80	103	8	11	19	8	28	36	66	51	117	2	.....	2
On Probation.....	60	83	143	26	44	70	43	35	78	2	.....	.....	38	74	112	49	100	155	14	15	29
On Elopement (Not Discharged).....	.....	.....	.....	.....	.....	.....	9	3	12	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1
TOTAL ON BOOKS.....	832	926	1,758	715	792	1,507	1,175	1,063	2,238	378	253	631	669	731	1,400	896	1,041	1,937	642	588	1,230	
6. Daily Average Population in Res.....	749	803	1,552	640	715	1,355	1,098	1,616	2,114	370	245	615	621	620	1,241	730	873	1,603	615	560	1,175	
7. Daily Average Population on Books.....	829	938	1,767	723	775	1,498	1,159	1,060	2,219	376	253	629	669	710	1,379	853	1,042	1,895	651	591	1,242	

*These figures include transfers—actual numbers for all hospitals combined are 18,788 and 2,922.

†Elopers discharged (53) are included with ordinary discharges.

‡Excludes deaths on probation and elopement; these are included with ordinary discharges.

TABLE No. 2
MOVEMENT OF PATIENT POPULATION—Year Ending March 31, 1944

HOSPITALS	TO POPULATION											
	FIRST ADMISSIONS			READMISSIONS			TRANSFERS RECEIVED			TOTAL ADDED TO POPULATION		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville.....	61	91	152	26	33	59	7	1	8	94	125	219
Cobourg.....	.....	38	6	.....	6	10	3	90	90	.....	134	38
Fort William.....	45	.....	45	10	.....	10	.....	.....	.....	38	.....	58
Hamilton.....	157	168	325	58	87	145	25	18	43	240	273	513
Kinston.....	76	76	152	27	25	52	34	4	38	137	165	242
Leeds.....	.....	.....	.....	.....	.....	.....	49	.....	49	.....	.....	49
London.....	163	193	356	64	59	123	5	11	16	232	263	495
New Toronto.....	92	105	197	13	35	48	10	7	17	115	147	262
Orrilla.....	106	90	196	6	4	10	.....	57	57	112	151	263
Penetang.....	11	.....	9	3	.....	.....	12	1	13	28	0	37
Toronto.....	139	173	312	49	55	95	44	21	65	243	249	492
Whitby.....	144	227	371	63	90	153	70	8	78	277	325	602
Woodstock.....	44	42	86	13	10	23	59	38	97	116	90	206
ALL HOSPITALS.....	1,058	1,211	2,269	325	404	729	318	256	574	1,701	1,871	3,572

HOSPITALS	FROM POPULATION																	
	DISCHARGED			DIED*			TRANSFERRED TO OTHER HOSPITALS			ELOSERS DISCHARGED			TOTAL FROM POPULATION			CHANGE IN POPULATION		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville.....	44	52	96	42	42	84	17	3	20	2	15	2	105	97	202	-11	+28	+17
Cobourg.....	.....	52	52	.....	9	9	18	58	58	.....	.....	.....	.....	134	134	0	0	0
Fort William.....	31	.....	31	8	.....	8	.....	18	.....	.....	.....	.....	57	57	.....	+1	0	+1
Hamilton.....	89	150	239	77	96	173	94	23	117	7	.....	.....	267	269	535	-27	+1	-23
Kinston.....	53	61	114	64	37	101	14	26	20	1	.....	.....	132	104	236	+5	+4	+6
Leeds.....	10	.....	10	3	.....	3	41	.....	41	1	.....	.....	55	.....	55	-6	0	-9
London.....	131	156	287	80	75	155	20	24	44	.....	.....	.....	231	255	486	+1	+8	+9
New Toronto.....	74	110	184	49	49	98	11	16	27	.....	.....	.....	134	175	309	-19	-28	-47
Orrilla.....	26	34	60	35	26	61	4	74	78	14	8	22	79	142	221	+33	+9	+42
Penetang.....	5	.....	5	11	5	16	.....	.....	.....	.....	.....	.....	24	9	33	+4	0	+4
Toronto.....	108	106	214	97	79	176	58	19	77	1	.....	.....	264	204	468	-21	+45	+24
Whitby.....	153	210	363	53	79	132	12	10	22	1	1	2	219	300	519	+58	+25	+83
Woodstock.....	63	49	112	51	31	82	22	23	45	2	.....	.....	138	103	241	-22	-13	-35
ALL HOSPITALS.....	787	984	1,771	570	528	1,098	319	256	575	29	24	53	1,705	1,792	3,497	-4	+79	+75

*Does not include deaths on probation or elopement. These are classed as discharges.

TABLE No. 3
PATIENT POPULATION—April 1, 1943, and MARCH 31, 1944

HOSPITALS	POPULATION, APRIL 1, 1943												POPULATION, MARCH 31, 1944																				
	PATIENTS IN HOSPITAL			PATIENTS ON PROBATION			PATIENTS BOARDING OUT			ELOPED AND NOT DISCHARGED			TOTAL ON BOOKS			PATIENTS IN HOSPITAL			PATIENTS ON PROBATION			PATIENTS BOARDING OUT			ELOPED AND NOT DISCHARGED			TOTAL ON BOOKS					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville.....	572	558	1,130	21	38	59	10	22	32	.....	.....	.....	.....	.....	603	618	1,221	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cobourg.....	80	422	422	4	87	87	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fort William.....	779	738	1,517	18	82	130	7	12	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton.....	583	526	1,109	20	24	50	16	35	51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kingston.....	725	707	1,432	5	78	135	26	43	69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Langstaff.....	748	658	1,406	52	42	94	4	48	92	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
London.....	1,074	914	1,988	39	34	73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Toronto.....	385	241	626	5	52	102	8	22	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orillia.....	731	671	1,402	41	91	132	4	20	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Penetang.....	733	872	1,605	41	91	132	4	20	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toronto.....	625	570	1,195	36	31	67	3	5	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whitby.....
Woodstock.....
TOTALS.....	7,262	6,982	14,244	401	559	960	188	374	562	9	16	25	7,860	7,931	15,791

HOSPITALS	POPULATION, APRIL 1, 1943												POPULATION, MARCH 31, 1944																				
	PATIENTS IN HOSPITAL			PATIENTS ON PROBATION			PATIENTS BOARDING OUT			ELOPED AND NOT DISCHARGED			TOTAL ON BOOKS			PATIENTS IN HOSPITAL			PATIENTS ON PROBATION			PATIENTS BOARDING OUT			ELOPED AND NOT DISCHARGED			TOTAL ON BOOKS					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville.....	568	584	1,152	15	42	57	9	20	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cobourg.....	430	430	860	6	91	91	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fort William.....	88	746	1,501	43	80	123	8	10	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton.....	500	525	1,115	27	30	57	18	31	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kingston.....	421	421	842	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Langstaff.....	759	799	1,558	60	83	143	13	44	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
London.....	642	700	1,342	26	44	70	47	48	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Toronto.....	1,100	945	2,045	43	35	78	23	80	103	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orillia.....	368	242	610	2	8	10	8	11	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Penetang.....	623	620	1,243	38	74	112	8	28	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toronto.....	780	881	1,664	49	106	155	66	51	117	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whitby.....	625	573	1,198	14	15	29	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woodstock.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS.....	7,319	7,037	14,376	327	600	927	197	349	546	13	4	17	7,856	8,010	15,866	9,361	9,802	19,363*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*This figure includes 574 transfers. Actual number of patients under supervision or treatment during the year was 18,780.

TABLE No. 4
MOVEMENT OF PATIENT POPULATION

PATIENT POPULATION	ALL HOSPITALS		BROCKVILLE		COBOURG		FORT WILLIAM		HAMILTON		KINGSTON		LANGSTAFF	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
In Boarding Homes at Beginning of Year.....	188	374	502	10	22	32	28	28	7	12	19	16	35	51
Placed in Boarding Homes During Year.....	132	257	389	5	16	21	25	25	1	5	6	2	6	8
Returned from Boarding Homes During Year.....	112	250	362	6	18	24	6	6	7	7	7	5	10	15
Discharged While in Boarding Homes.....	10	15	25	6	18	24	7	7	.....	.....	.....	.....	.....	.....
Died While in Boarding Homes.....	1	17	18	.....	.....	.....	14	14	.....	.....	.....	.....	.....	.....
Remaining in Boarding Homes at End of Year.....	197	349	546	9	20	29	26	26	8	10	18	13	31	44
DAILY AVERAGE IN BOARDING HOMES.....	185	356	541	8	23	31	27	27	7	11	18	14	33	47
On Probation at the Beginning of the Year.....	401	559	960	21	38	59	87	87	48	82	130	26	24	50
Placed on Probation During Year.....	1,044	1,576	2,620	38	74	112	156	156	107	174	281	59	74	133
Returned from Probation During Year.....	541	672	1,213	12	23	35	106	106	5	36	72	22	32	54
Discharged While on Probation.....	575	857	1,432	32	47	79	45	45	8	138	213	39	34	73
Died While on Probation.....	6	5	11	.....	.....	.....	1	1	1	2	3	1	2	2
Remaining on Probation at End of Year.....	327	600	927	15	42	57	91	91	4	43	80	27	30	57
DAILY AVERAGE ON PROBATION.....	100	632	1,032	22	43	65	90	90	46	81	127	33	28	61

PATIENT POPULATION	LONDON		NEW TORONTO		ORILLIA		PENETANG		TORONTO		WHITBY		WOODSTOCK	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
In Boarding Homes at Beginning of Year.....	26	43	69	44	48	92	21	101	122	6	20	26	47	53
Placed in Boarding Homes During Year.....	14	56	70	10	45	55	17	41	58	11	24	35	65	36
Returned from Boarding Homes During Year.....	25	49	74	7	45	52	15	62	77	4	14	18	43	35
Discharged While in Boarding Homes.....	2	6	8	.....	.....	.....	.....	.....	.....	5	2	7	2	3
Died While in Boarding Homes.....	13	44	57	47	48	95	23	80	103	8	28	36	66	51
Remaining in Boarding Homes at End of Year.....	17	41	58	45	45	90	22	88	110	6	24	30	55	53
DAILY AVERAGE IN BOARDING HOMES.....	13	41	58	45	45	90	22	88	110	6	24	30	55	53
On Probation at the Beginning of the Year.....	57	78	135	52	42	94	39	34	73	50	52	102	61	91
Placed on Probation During Year.....	163	249	412	52	121	173	244	155	399	129	205	334	131	275
Returned from Probation During Year.....	66	103	169	19	100	159	25	29	54	58	88	146	41	79
Discharged While on Probation.....	94	140	284	59	100	159	25	29	54	81	95	176	101	181
Died While on Probation.....	60	83	143	26	44	70	43	35	78	20	20	2	49	106
Remaining on Probation at End of Year.....	62	92	154	40	48	88	50	45	95	41	65	106	56	105
DAILY AVERAGE ON PROBATION.....	62	92	154	40	48	88	50	45	95	41	65	106	56	105

TABLE No. 5
CHANGES IN PATIENT POPULATION—April 1, 1943, to March 31, 1944

HOSPITALS	PATIENTS IN HOSPITAL			PATIENTS ON PROBATION			PATIENTS IN BOARDING HOMES			ELOPED AND NOT DISCHARGED			TOTAL ON BOOKS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brookville.....	- 4	+20	+22	- 6	+ 4	- 2	- 1	- 2	- 3	0	0	0	-11	+28	+17
Cobourg.....	0	+ 8	+ 8	0	+ 4	+ 4	0	- 2	- 2	0	-10	-10	0	0	0
Fort William.....	- 1	0	- 1	+ 2	0	+ 2	0	0	0	0	0	0	+ 1	0	+ 1
Hamilton.....	-24	+ 8	-16	- 5	- 2	- 7	+ 1	- 2	- 1	+ 1	0	+ 1	-27	+ 4	-23
Kingston.....	+ 7	- 1	+ 6	+ 1	+ 6	+ 7	- 3	- 4	- 7	0	0	0	+ 5	+ 1	+ 6
Langstaff.....	- 4	0	- 4	- 2	0	- 2	0	0	0	0	0	0	- 6	0	- 6
London.....	+11	+ 2	+13	+ 3	+ 5	+ 8	-13	+ 1	-12	0	0	0	+ 1	+ 8	+ 9
New Toronto.....	+ 4	-30	-26	-26	+ 2	-24	+ 3	0	+ 3	0	0	0	-19	-28	-47
Orillia.....	+26	+31	+57	+ 4	+ 1	+ 5	+ 2	-21	-19	+ 1	- 2	- 1	+33	+ 9	+42
Penetang.....	+ 3	+ 1	+ 4	+ 1	0	+ 1	0	- 1	- 1	0	0	0	+ 4	0	+ 4
Toronto.....	-11	+15	+ 4	-12	+22	+10	+ 2	+ 8	+10	0	0	0	-21	+45	+24
Whitby.....	+50	+12	+62	-12	+15	+ 3	+19	- 2	+17	+ 1	0	+ 1	+58	+25	+83
Woodstock.....	0	+ 3	+ 3	-22	-16	-38	- 1	0	- 1	+ 1	0	+ 1	-22	-13	-35
TOTALS.....	+57	+75	+132	-74	+41	-33	+ 9	-25	-16	+ 4	-12	- 8	- 4	+79	+75

TABLE No. 6
SUMMARY OF PATIENT POPULATION—Year Ending March 31, 1944

DIAGNOSIS	ADMISSIONS						DISCHARGES						DEATHS						PATIENTS IN RESIDENCE*					
	M.		F.		T.		M.		F.		T.		M.		F.		T.		M.		F.		T.	
01. With Syphilitic Meningo-Encephalitis.....	83	45	128	29	14	43	48	9	57	406	99	505												
02. With Other Forms of Syphilis.....	3	2	7	2	.....	2	4	3	.....	16	8	24											
03. With Epidemic Encephalitis.....	5	3	9	1	.....	1	1	1	.....	20	13	33											
04. With Other Infectious Diseases.....	27	10	32	19	7	26	2	1	3	56	12	62												
05. Alcoholic Psychoses.....	1	8	9	1	8	9	.....	.....	.....	.....	4	4											
06a. Due to Opium and Other Drugs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06b. Due to Other Exogenous Toxins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
07. Traumatic Psychoses.....	3	2	5	3	2	2	.....	.....	.....	.....	.....	.....						
08. Organic Psychoses.....	140	98	230	31	20	51	112	83	193	232	199	431												
09. With Organic Arteriosclerosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. With Other Disturbances of Circulation.....	9	28	36	4	2	6	13	5	13	.....	9	14											
11. With Convulsive Disorders (Epilepsy).....	123	158	283	21	14	35	106	147	253	182	177	353												
12. Involuntary Psychoses.....	37	102	139	30	8	119	12	16	28	66	177	243												
13. Due to Other Metabolic, etc., Diseases.....	18	27	45	6	15	21	1	1	2	.....	8	47											
14. Due to New Growth.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15. With Organic Changes of Nervous System.....	6	13	18	1	.....	8	7	5	13	35	10	55											
16. Psychoses.....	28	88	116	37	76	103	8	7	15	28	70	114												
17. Manic-Depressive Psychoses.....	196	333	530	172	292	464	37	48	85	470	625	1,095												
18. Dementia Praecox (Schizophrenia).....	301	367	668	227	213	440	114	115	229	3,158	3,883	6,811												
19. Paranoid and Paranoid Conditions.....	14	22	36	1	14	28	4	5	9	160	105	231												
20. With Psychopathic Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. With Mental Deficiency.....	34	6	72	23	17	40	9	14	23	314	281	595												
22. Undiagnosed Psychoses.....	16	14	30	6	14	20	3	3	6	13	20	42												
231a. Epileptics Not Psychotic or Feeble-minded.....	28	16	44	27	16	43	2	1	3	70	55	125												
231b. Epileptics Who Are Feeble-minded.....	19	22	41	14	18	32	9	6	15	202	228	430												
232. Alcoholism.....	19	3	22	15	4	19	1	.....	.....	10	5	15											
233. Drug Addiction.....	9	1	3	3	.....	4	.....	.....	.....	.....	.....	.....						
234. Mental Deficiency.....	196	184	380	82	128	210	62	32	94	1,573	1,552	3,125												
235. Disorders of Personality.....	3	3	6	.....	.....	2	1	.....	.....	.....	.....	.....							
236. Psychopathic Personality.....	8	2	10	7	.....	7	.....	.....	.....	19	1	20											
237. Other Non-psychotic Conditions.....	11	7	18	11	5	16	.....	.....	.....	3	4	7											
24. Primary Behaviour Disorders.....	10	3	13	4	.....	6	.....	.....	.....	3	3	6											
25. Without Mental Disorder.....	5	3	8	18	3	21	.....	.....	.....	.....	.....	.....						
TOTALS 1-22.....	1,082	1,374	2,456	634	829	1,463	495	487	982	5,627	5,550	11,177												
TOTALS 23-25.....	301	241	542	182	179	361	75	41	116	1,889	1,856	3,745												
GRAND TOTALS.....	1,383	1,615	2,998	816	1,008	1,824	570	528	1,098	7,516	7,406	14,922												

*Includes patients boarding out.

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 7

PLACE OF RESIDENCE (COUNTY OR DISTRICT) OF FIRST ADMISSIONS, READMISSIONS AND PATIENTS IN RESIDENCE

COUNTY OR DISTRICT	FIRST ADMISSIONS			READMISSIONS			PATIENTS IN RESIDENCE*		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Addington.....		1	1				2	3	5
Algoma.....	16	15	31	3	3	6	115	101	216
Brant.....	15	18	33	3	5	8	89	87	176
Bruce.....	10	15	25	2	3	5	69	81	146
Carleton.....	34	65	99	12	20	32	342	434	776
Cochrane.....	13	11	24	3	6	9	163	86	249
Dufferin.....	2	4	6		1	1	18	33	51
Dundas.....	3	5	8		2	2	24	22	46
Durham.....	13	13	26	3	5	8	53	55	108
Elgin.....	13	15	28	8	2	10	69	81	150
Essex.....	49	47	96	17	17	34	301	285	586
Frontenac.....	14	20	34	9	8	17	150	115	265
Glengarry.....	2	5	7	3		3	33	32	65
Grenville.....	5	7	12		5	6	51	48	97
Grey.....	10	18	28	5	3	8	126	89	215
Haldimand.....	4	4	8	3	7	10	38	31	69
Haliburton.....	1	1	2		1	2	10	8	18
Halton.....	8	6	14	4	2	6	46	40	86
Hastings.....	31	22	53	7	7	14	123	128	251
Huron.....	9	16	25	2	9	11	70	82	152
Kenora.....	7	1	8	1		2	47	35	82
Kent.....	34	29	63	6	4	10	139	110	249
Lambton.....	18	10	28	5	3	8	105	98	203
Lanark.....	11	7	18	3	3	6	65	65	130
Leeds.....	11	12	23	4	2	6	68	93	161
Lennox.....	7	5	12	4	2	3	38	34	72
Lincoln.....	28	22	50	6	5	11	115	95	210
Manitowlin.....		1	2		1	1	5	10	15
Middlesex.....	32	53	85	17	17	34	262	330	592
Muskoka.....	5	13	18		1	2	33	51	84
Nipissing.....	22	8	30	1		2	173	71	244
Norfolk.....	6	6	12	2	4	6	53	46	99
Northumberland.....	10	12	22	1	6	7	62	59	121
Ontario.....	18	13	31	8	9	17	95	95	190
Oxford.....	9	13	22	4	6	10	84	82	166
Parry Sound.....	3	4	7	1	1	2	74	70	144
Peel.....	7	11	18	2	1	3	42	59	101
Perth.....	7	12	19	3	7	10	72	88	160
Peterborough.....	11	29	40	5	8	13	55	89	144
Prescott.....	10	6	16	2	2	4	41	59	100
Prince Edward.....	1	7	11		7	8	41	28	69
Rainy River.....	4	2	6	1	2	2	29	34	63
Renfrew.....	11	20	31	4	1	5	117	124	241
Russell.....	5	5	10	5		5	55	29	84
Simcoe.....	25	27	52	7	6	13	211	206	417
Stormont.....	4	7	11	1	2	3	58	60	118
Sudbury.....	18	10	28	3	4	7	162	89	251
Temiskaming.....	17	9	26	5	2	7	124	55	179
Thunder Bay.....	36	13	49	9	3	12	257	112	369
Victoria.....	8	8	16	5	3	8	55	50	105
Waterloo.....	21	33	54	5	19	24	122	162	284
Welland.....	17	26	43	3	10	13	124	125	249
Wellington.....	13	11	24	8	13	21	137	103	240
Wentworth.....	71	54	125	27	28	55	440	408	848
York.....	280	394	674	83	119	202	1,941	2,328	4,269
Patricia.....									
Other Provinces.....	9	2	11	1	2	3	35	11	46
U.S.A.....	1	4	5				9	17	26
Unascertained.....	5	4	9		1	1	33	4	37
TOTALS.....	1,058	1,211	2,269	325	404	729	7,516	7,406	14,922

*Includes patients boarding out.

TABLE No. 8
RELIGION OF FIRST ADMISSIONS AND PATIENTS IN RESIDENCE

RELIGION	FIRST ADMISSIONS			IN RESIDENCE*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Baptist	56	54	110	311	370	681
Church of England	176	257	433	1,272	1,524	2,796
Hebrew.....	16	36	52	150	166	316
Presbyterian.....	110	147	257	851	925	1,776
Roman Catholic.....	263	266	529	2,152	1,590	3,742
United Church.....	233	275	508	1,375	1,565	2,940
Lutheran.....	20	5	25	158	69	227
Greek Catholic.....	3	.....	3	18	.....	18
Salvation Army.....	1	.....	1	13	6	19
Other Denominations.....	124	122	246	789	815	1,604
Unascertained.....	56	49	105	427	376	803
TOTALS.....	1,058	1,211	2,269	7,516	7,406	14,922

*Includes patients boarding out.

CHURCH SERVICES AND ATTENDANCE

CHURCH SERVICES	NUMBER HELD	ATTENDANCE		
		MALE	FEMALE	TOTAL
Protestant.....	645	73,741	68,359	142,100
Catholic.....	480	22,039	19,836	41,875

TABLE No. 9
PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP									
	UNDER 10	10-14	15-19	20-24	25-29	30-34	35-39	40-44		
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.
01. With Syph. Meningo-Encephalitis.....	3 2 5	1 3 4	10 6 16	32 21 53	71 14 85	.....	.....
02. With Other Forms of Syphilis.....	1 1 1	.....	.....	.....	1 3 4	.....	.....
03. With Epidemic Encephalitis.....	1 2 2	.....	.....	.....	5 2 7	.....	.....
04. With Other Infectious Diseases.....	3 3 3	.....	.....	.....	1 2 3	.....	.....
05. Alcoholic Psychoses.....	10 1 11	.....	.....
06a. Due to Opium and Other Drugs.....	1 1 1	.....	.....
06b. Due to Other Exogenous Toxins.....
07. Traumatic Psychoses.....	1 1 1	.....	.....	.....	.....	.....	.....
08. With Cerebral Arteriosclerosis.....
09. With Other Disturb. of Circulation.....
10. With Convn. Disorders (Epilepsy?).....	14 8 22	16 9 25	21 22 43	17 22 39	28 19 47	.....	.....
11. Senile Psychoses.....
12. Involutional Psychoses.....
13. Due to Other Metabolic, etc., Dis.....
14. Due to New Growth.....
15. With Organic Changes of Nerv. Sys.....
16. Psychoneroses.....	2 1 3	4 4 8	3 4 7	1 3 4	3 3 3	.....	.....
17. Manic-Depressive Psychoses.....
18. Dementia Praecox (Schizophrenia).....
19. Paranoid and Paranoid Conditions.....
20. With Psychopathic Personality.....
21. With Mental Deficiency.....
22. Undiagnosed Psychoses.....
231a. Epileptics Not Psychotic or Feeble-minded.....
231b. Epileptics Who Are Feeble-minded.....
232. Alcoholism.....	6 5 11	3 1 4	14 4 18	10 7 17	3 8 11	7 9 16	5 5 10	5 9 14	.....	.....
233. Drug Addiction.....
234. Mental Deficiency.....
235. Disorders of Personality.....
236. Psychopathic Personality.....
237. Other Non-psychotic Conditions.....
24. Primary Behaviour Disorders.....
25. Without Mental Disorder.....
TOTALS 1-22.....	148 123 271	320 228 548	513 378 891	576 478 1,054	732 598 1,330	.....	.....
TOTALS 23-25.....	127 100 227	253 149 402	346 309 655	292 274 566	181 233 414	153 176 329	140 147 287	98 124 222	.....	.....
GRAND TOTALS.....	127 100 227	253 151 404	391 344 735	440 397 837	501 461 962	666 554 1,220	716 625 1,341	830 722 1,552	.....	.....

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 9 (Concl'd)
PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP (Concl'd)												TOTAL													
	45-49		50-54		55-59		60-64		65-69		70 AND OVER			UNASCERTAINED												
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	T.										
01. With Syph. Meningo-Encephalitis.	88	17	105	75	11	86	53	14	67	41	5	46	24	2	26	7	1	8	1	1	406	99	505			
02. With Other Forms of Syphilis.	5	1	6	2	2	5	3	2	5	1	1	1	3	3	3	1	1	1	1	1	16	8	24			
03. With Epidemic Encephalitis.	3	3	3	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	13	33
04. With Other Infectious Diseases.	7	.....	7	6	2	6	6	1	7	6	1	7	10	1	11	1	1	1	1	1	55	7	62		
05. Alcoholic Psychoses.	1	1	2	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	3
06a. Due to Opium and Other Drugs.	2	2	4	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	2	18
07. Traumatic Psychoses.	2	2	4	5	9	14	13	13	26	36	23	59	48	42	90	127	110	237	.....	.....	232	199	431	
08. With Cerebral Arteriosclerosis.	23	20	43	18	31	49	18	16	34	9	16	25	9	3	12	12	7	19	.....	.....	5	9	14	
09. With Other Disturb. of Circulation.	8	22	30	7	29	36	9	44	53	13	45	58	24	15	39	4	14	18	.....	.....	191	177	368	
10. Senile Psychoses.	13	.....	13	1	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	182	271	453
11. Involutional Psychoses.	6	1	7	8	2	10	5	1	6	1	2	3	1	2	2	1	1	1	.....	.....	66	177	243	
12. Due to Other Metabolic, etc., Dis.	6	2	8	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	3
13. Due to New Growth.	43	73	116	49	99	148	76	101	177	79	83	162	49	63	112	49	68	117	.....	.....	38	76	114	
14. With Organic Changes of Nerv. Sys.	418	469	887	429	427	856	329	392	721	262	326	588	165	225	390	137	261	398	.....	.....	470	625	1,095	
15. Psychoses.	16	11	27	17	23	40	12	23	35	9	10	19	13	16	29	13	9	22	.....	.....	106	105	211	
16. Manic-Depressive Psychoses.	34	22	56	29	27	56	32	22	54	27	33	60	10	16	26	6	10	16	.....	.....	20	12	32	
17. Dementia Precox (Schizophrenia).	2	5	7	.....	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	29	42
18. Paranoia and Paranoid Conditions.	1	3	4	3	3	6	6	1	7	2	3	5	8	2	10	3	3	3	.....	.....	70	55	125	
19. With Psychopathic Personality.	9	13	22	6	8	14	5	4	9	1	4	5	1	1	1	1	1	1	.....	.....	202	228	430	
20. With Mental Deficiency.	1	1	1	3	1	4	1	1	1	1	1	1	1	1	1	1	1	1	.....	.....	10	5	15	
21. Undiagnosed Psychoses.	80	70	150	61	69	130	39	60	99	38	41	79	10	31	41	11	19	30	.....	.....	1,573	1,562	3,125	
22. Epileptics Not Psychotic or Feeble-minded.		
231a. Epileptics Who Are Feeble-minded.		
232. Alcoholism.		
233. Drug Addiction.		
234. Mental Deficiency.		
235. Disorders of Personality.		
236. Psychopathic Personality.		
237. Other Non-psychotic Conditions.		
24. Primary Behaviour Disorders.		
25. Without Mental Disorder.		
TOTALS 1-22.	604	664	1,228	656	686	1,342	563	648	1,211	505	563	1,068	390	431	821	508	713	1,221	7	3	10	5,627	5,550	11,177
TOTALS 23-25.	93	87	180	74	81	155	51	69	120	45	49	94	19	36	55	16	20	36	1	2	3	1,889	1,856	3,745
GRAND TOTALS.	757	751	1,508	730	767	1,497	614	717	1,331	550	612	1,162	409	467	876	524	733	1,257	8	5	13	7,516	7,406	14,922

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 10
PATIENTS IN RESIDENCE BY AGE

AGE	MALE	FEMALE	TOTAL	AGE	MALE	FEMALE	TOTAL
Under 1.....	1		1	52.....	138	148	286
1.....		1	1	53.....	161	153	314
2.....	3	4	7	54.....	137	174	311
3.....	7	6	13	55.....	132	159	291
4.....	5	5	10	56.....	111	159	270
5.....	10	8	18	57.....	134	141	275
6.....	18	11	29	58.....	119	128	247
7.....	22	17	39	59.....	125	132	257
8.....	30	24	54	60.....	129	135	264
9.....	25	17	42	61.....	124	127	251
10.....	38	24	62	62.....	101	124	225
11.....	61	21	82	63.....	115	121	236
12.....	52	3.5	87	64.....	110	118	228
13.....	54	40	94	65.....	91	87	178
14.....	56	44	100	66.....	105	106	211
15.....	61	65	126	67.....	81	105	186
16.....	62	59	121	68.....	79	109	188
17.....	79	64	143	69.....	76	72	148
18.....	93	63	156	70.....	76	84	160
19.....	68	86	154	71.....	64	86	150
20.....	75	75	150	72.....	53	67	120
21.....	78	78	156	73.....	60	66	126
22.....	75	66	141	74.....	37	64	101
23.....	84	88	172	75.....	43	65	108
24.....	95	76	171	76.....	26	56	82
25.....	81	79	160	77.....	26	44	70
26.....	89	80	169	78.....	27	38	65
27.....	99	82	181	79.....	34	32	66
28.....	93	94	187	80.....	15	29	44
29.....	132	109	241	81.....	21	25	46
30.....	125	98	223	82.....	14	19	33
31.....	140	111	251	83.....	7	19	26
32.....	117	105	222	84.....	7	14	21
33.....	137	121	258	85.....	10	17	27
34.....	135	108	243	86.....	9	9	18
35.....	134	110	244	87.....	7	12	19
36.....	128	124	252	88.....	5	5	10
37.....	141	135	276	89.....	3	7	10
38.....	137	114	251	90.....		9	9
39.....	151	150	301	91.....		1	1
40.....	148	118	266	92.....	2	1	3
41.....	165	138	303	93.....		1	1
42.....	152	133	285	94.....		1	1
43.....	177	168	345	95.....			
44.....	196	166	362	96.....			
45.....	158	166	324	97.....			
46.....	135	125	260	98.....			
47.....	153	117	300	99.....		2	2
48.....	153	156	309	100+.....			
49.....	161	143	304	Unascertained.....	8	3	11
50.....	137	126	263				
51.....	168	149	317				
				TOTALS.....	7,516	7,406	14,922

TABLE No. 11
PATIENTS IN RESIDENCE* BY HOSPITAL AND AGE

AGE GROUP (YEARS)	TOTAL		BROCKVILLE		COBOURG		FORT WILLIAM		HAMILTON		KINGSTON		LANGSTAFF	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under 15.....	380	251	3	3	1	37	3	3	15	11	5	5	3	3
15-19.....	391	344	8	18	1	66	7	7	18	18	18	10	28	4
20-24.....	440	397	17	33	6	66	8	8	28	30	27	20	47	4
25-29.....	501	461	41	51	5	45	8	8	45	30	34	19	53	20
30-34.....	666	554	57	38	45	45	10	10	64	53	58	24	28	28
35-39.....	716	625	72	64	44	44	12	12	68	54	58	24	54	54
40-44.....	830	722	73	68	32	32	10	10	91	76	83	57	67	67
45-49.....	757	751	70	77	17	17	9	9	75	106	181	70	140	59
50-54.....	730	767	68	72	31	31	6	6	83	88	171	78	156	59
55-59.....	614	717	59	72	36	36	3	3	86	77	163	64	147	53
60-64.....	550	612	42	50	30	30	8	8	70	67	137	65	88	38
65-69.....	409	467	32	50	22	22	4	4	53	71	124	44	44	20
70 and Over.....	524	733	52	58	44	44	10	10	81	105	186	57	62	16
Not Stated.....	8	5	2	1	1	1	4	4	4	4	4	4	4	4
ALL AGES.....	7,516	7,406	577	604	456	456	88	88	763	756	1,519	603	556	421
														421

AGE GROUP (YEARS)	LONDON		NEW TORONTO		ORILLIA		PENETANG		TORONTO		WHITBY		WOODSTOCK	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Under 15.....	11	6	7	10	370	242	1	1	7	7	7	6	10	7
15-19.....	24	19	22	30	264	237	4	38	17	12	19	24	29	23
20-24.....	31	28	69	43	200	153	9	50	32	30	58	51	43	37
25-29.....	75	65	72	61	97	108	26	81	44	48	95	62	46	46
30-34.....	71	73	60	85	68	74	42	55	44	44	78	78	66	63
35-39.....	93	92	85	84	44	52	22	84	77	74	83	103	72	55
40-44.....	88	92	180	180	23	40	33	51	78	75	112	103	72	147
45-49.....	92	98	185	180	63	63	33	71	81	61	94	91	64	69
50-54.....	92	98	180	180	28	28	33	77	81	72	96	120	48	55
55-59.....	79	90	169	166	13	24	38	62	51	78	80	107	53	37
60-64.....	52	56	108	108	8	16	9	15	62	67	78	88	43	42
65-69.....	88	125	213	213	2	11	6	8	37	35	73	84	26	69
70 and Over.....	88	125	213	213	1	1	4	4	66	100	166	121	38	76
Not Stated.....	772	843	1,615	1,615	1	1	1	1	1	1	1	1	3	3
ALL AGES.....	772	843	1,615	1,615	1,123	1,025	2,148	376	253	629	846	935	1,781	627
														573

*Includes patients boarding out.

TABLE No. 12
PATIENTS IN RESIDENCE BY HOSPITAL AND DIAGNOSIS

DIAGNOSIS	BRACKVILLE		COROURG		FORT WILLIAM		HAMILTON		KINGSTON		LANGSTAFF		LONDON	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
01. With Syphilitic Meningo-Encephalitis.....	51	11	62	1	1	9	58	9	67	29	11	40	4	59
02. With Other Forms of Syphilis.....	1	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	1
03. With Evident Infections.....	3	.....	3	.....	.....	.....	.....	.....	.....	4	1	5	1	4
04. With Other Infectious Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
05. Alcoholic Psychoses.....	3	1	4	.....	.....	3	7	1	8	2	2	6	6	5
06a. Due to Opium and Other Drugs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06b. Due to Other Exogenous Toxins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
07. Traumatic Psychoses.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
08. With Cerebral Arteriosclerosis.....	20	14	34	.....	.....	6	48	56	104	19	8	27	3	31
09. With Other Disturbances of Circulation.....	4	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. With Convulsive Disorders (Epilepsy).....	4	25	47	.....	.....	1	6	3	9	5	6	11	.....	14
11. Senile Psychoses.....	22	25	47	.....	.....	7	13	24	37	22	28	50	.....	20
12. Involutional Psychoses.....	4	16	20	.....	.....	.....	11	21	32	7	11	18	.....	4
13. Due to Other Metabolic, etc., Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14. Due to New Growth.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15. With Organic Changes of Nervous System.....	3	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16. Psychoneuroses.....	1	12	13	.....	.....	.....	8	5	13	2	1	3	.....	5
17. Manic-Depressive Psychoses.....	36	69	105	.....	.....	7	45	65	110	48	82	130	.....	4
18. Dementia Precoax (Schizophrenia).....	347	365	712	.....	.....	35	422	456	878	301	287	588	.....	70
19. Paranoia and Paranoid Conditions.....	4	6	10	.....	.....	2	5	10	15	33	11	44	.....	16
20. With Psychopathic Personality.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. With Mental Deficiency.....	36	31	67	.....	.....	2	41	34	75	44	36	80	.....	29
22. Undiagnosed Psychoses.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	4
23a. Epileptics Not Psychotic or Feeble-minded.....	1	2	3	.....	.....	1	1	1	2	.....	.....	.....	.....	.....
23b. Epileptics Who Are Feeble-minded.....	4	1	5	.....	.....	1	.....	.....	.....	2	1	3	.....	1
23c. Alcoholism.....	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23d. Drug Addiction.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23e. Mental Deficiency.....	31	34	65	.....	.....	12	83	46	129	68	39	107	.....	49
23f. Disorders of Personality.....	.....	.....	.....	.....	.....	.....	4	1	5	.....	.....	.....	.....	.....
23g. Psychopathic Personality.....	2	2	4	.....	.....	1	2	1	3	.....	.....	.....	.....	.....
23h. Other Non-psychotic Conditions.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24. Primary Behaviour Disorders.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25. Without Mental Disorders.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS 1-22.....	537	563	1,100	.....	.....	73	671	707	1,378	531	513	1,044	.....	358
TOTALS 23-25.....	40	41	81	.....	.....	15	92	49	141	72	43	115	.....	63
GRAND TOTALS.....	577	604	1,181	.....	.....	88	763	756	1,519	603	556	1,159	.....	421

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 12 (Concl'd)
PATIENTS IN RESIDENCE BY HOSPITAL AND DIAGNOSIS

DIAGNOSIS	NEW TORONTO		ORILLIA		PENETANG		TORONTO		WHITBY		WOODSTOCK		TOTAL		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	
01. With Syphilitic Meningo-Encephalitis.....	32	14	46	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
02. With Other Forms of Syphilis.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
03. With Epidemic Encephalitis.....	3	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
04. With Other Infectious Diseases.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
05. Alcoholic Psychoses.....	5	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06a. Due to Opium and Other Drugs.....	.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06b. Due to Other Exogenous Toxins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
07. Traumatic Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
08. With Cerebral Arteriosclerosis.....	34	21	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
09. With Other Disturbances of Circulation.....	1	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. With Convulsive Disorders (Epilepsy).....	37	53	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. Senile Psychoses.....	2	29	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. Involutional Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13. Due to Other Metabolic, etc., Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14. Due to New Growth.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15. With Organic Changes of Nervous System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16. Psychoneuroses.....	1	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17. Manic-Depressive Psychoses.....	87	67	154	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18. Dementia Praecox (Schizophrenia).....	396	473	869	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19. Paranoia and Paranoid Conditions.....	9	11	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20. With Psychotic Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. With Mental Deficiency.....	16	13	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22. Undiagnosed Psychoses.....	2	8	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
231a. Epileptics Not Psychotic or Feeble-minded.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
231b. Epileptics Who Are Feeble-minded.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
232. Alcoholic.....	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
233. Drug Addiction.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
234. Mental Deficiency.....	59	44	103	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
235. Disorders of Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
236. Psychopathic Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
237. Other Non-psychotic Conditions.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24. Primary Behaviour Disorders.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25. Without Mental Disorders.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS 1-22.....	628	703	1,331	8	15	23	253	166	419	595	628	1,223	815	908	1,723
TOTALS 23-25.....	61	45	106	1,115	1,010	2,125	123	87	210	36	29	65	31	27	58
GRAND TOTALS.....	689	748	1,437	1,123	1,025	2,148	376	253	629	631	657	1,288	846	935	1,781

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 13
METHOD OF ADMISSION BY HOSPITAL

METHOD OF ADMISSION	ALL HOSPITALS			BROCKVILLE			COBOURG			FORT WILLIAM			HAMILTON			KINGSTON			LANGSTAFF			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
Voluntary Application.....	31	60	91	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Two Physicians' Certificates.....	775	1,030	1,805	56	87	143	19	19	19	11	11	11	130	156	286	62	70	132	4	4	4	4
Warrant of Deputy Minister.....	147	55	202	2	2	4	4	4	4	28	28	28	21	10	31	3	3	3	3	3	3	3
Warrant of Lieutenant-Governor.....	26	38	64	2	2	4	15	15	15	5	5	5	3	1	3	1	1	1	1	1	1	1
Order of Magistrate.....	44	3	47	1	1	1	1	1	1	5	5	5	1	1	1	10	10	10	10	10	10	10
Warrant of Minister of Justice.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Habitue—Voluntary.....	2	6	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Habitue—Temporary Commitment.....	3	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Habitue—Warrant of Deputy Minister.....	10	10	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Habitue—Warrant of Deputy Minister for Removal.....	19	19	38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Inspector's Warrant.....	19	19	38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTALS.....	1,058	1,211	2,269	61	91	152	38	38	38	45	45	45	157	168	325	76	76	152	76	76	152	152
Voluntary Application.....	50	64	114	2	2	4	3	3	3	2	2	2	1	1	1	3	3	3	3	3	3	3
Two Physicians' Certificates.....	200	303	503	24	31	55	3	3	3	8	8	8	40	80	120	16	16	22	19	17	36	36
Warrant of Deputy Minister.....	44	24	68	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Warrant of Lieutenant-Governor.....	6	4	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Order of Magistrate.....	8	1	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Warrant of Minister of Justice.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Warrant of Deputy Minister for Person Deported.....	3	2	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Habitue—Voluntary.....	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Habitue—Temporary Commitment.....	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Habitue—Warrant of Deputy Minister.....	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Habitue—Warrant of Deputy Minister for Removal.....	9	5	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Inspector's Warrant.....	9	5	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTALS.....	325	404	729	26	33	59	6	6	6	10	10	10	58	87	145	27	25	52	27	25	52	52

FIRST ADMISSIONS

READMISSIONS

TABLE No. 13 (Concl'd)
METHOD OF ADMISSION BY HOSPITAL

METHOD OF ADMISSION	LONDON			NEW TORONTO			ORILLIA			PENETANG			TORONTO			WHITBY			WOODSTOCK		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
		5	18	23	1	3	4	1	8	18	2	156	285	17	31	48	1	2	3
Voluntary Application.....	129	173	302	39	73	112	93	71	164	10	8	18	129	156	285	80	178	258	36	39	75
Two Physicians' Certificates.....	2	...	...	47	29	76	4	6	17	4	...	...	3	5	24	19	4	23	2	1	3
Warrant of Deputy Minister.....	3	...	...	4	...	4	3	...	23	...	...	...	3	3	6	2	...	2	3	3	3
Warrant of Lieutenant-Governor.....	21	...	...	...	...	...	3	...	3	...	...	...	1	...	1	3	3	6	1	...	1
Order of Magistrate.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warrant of Minister of Justice.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warrant of Deputy Minister for Person Deported.....	1	2	3	1	...	1	...	...	...	...	...	...	...	...	...	2	...	2	1	...	1
Habitue—Voluntary.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Habitue—Temporary Commitment.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Habitue—Warrant of Deputy Minister for Removal.....	2	...	...	...	...	...	2	...	2	...	...	...	...	...	...	7	...	7	...	...	...
Inspector's Warrant.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	11	25	...	...	...
TOTALS.....	163	193	356	92	105	197	106	90	196	11	8	19	159	173	332	144	227	371	44	42	86
	19	12	31	1	1	2	4	4	8	3	...	3	3	5	8	20	37	57	1	...	1
Voluntary Application.....	38	46	84	5	26	31	2	2	2	1	1	1	24	45	69	30	45	75	11	6	17
Two Physicians' Certificates.....	1	1	2	7	8	15	...	...	...	1	1	1	1	1	2	3	3	6	1	4	5
Warrant of Deputy Minister.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warrant of Lieutenant-Governor.....	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Order of Magistrate.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warrant of Minister of Justice.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warrant of Deputy Minister for Person Deported.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Habitue—Voluntary.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Habitue—Temporary Commitment.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Habitue—Warrant of Deputy Minister for Removal.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Inspector's Warrant.....	64	59	123	13	35	48	6	4	10	5	...	5	40	55	95	63	90	153	13	10	23
TOTALS.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

First Admissions

Readmissions

TABLE No. 14
METHOD OF ADMISSION—FIRST AND READMISSIONS

METHOD OF ADMISSION	FIRST ADMISSIONS			READMISSIONS		
	M.	F.	T.	M.	F.	T.
1. Voluntary Application (Sec. 19) (Form 1)....	31	60	91	50	64	114
2. Two Physicians' Certificates (Sec. 20) (Form 2, 3 or 26).....	775	1,030	1,805	200	303	503
—Mentally Ill (Form 2).....	612	879	1,491	180	285	465
—Mentally Defective (Form 3).....	127	111	238	9	11	20
—Epileptic (Form 26).....	36	40	76	11	7	18
3. Warrant of Deputy Minister (Sec. 25-30) (Form 11).....	147	55	202	44	24	68
4. Warrant of Lieutenant-Governor (Sec. 32)...	23	38	61	6	4	10
5. Order of Magistrate (Sec. 35) (Form 16)....	44	3	47	8	1	9
—Certificated.....	30	2	32	6	....	6
—Discharged to Court.....	14	1	15	2	1	3
6. Warrant of Minister of Justice (Under Penitentiary Act).....	1	....	1	1	....	1
7. Warrant of Deputy Minister for Person Deported (Sec. 64) (Form 36).....	2	6	8	3	2	5
8. Habitude—Voluntary (Sec. 46) (Form 20)....	3	....	3	1	1	2
9. Habitude—Temporary Commitment— Two Physicians' Certificates, 30 Days (Sec. 52-53) (Form 25).....	....	....	....	....	....	....
—Certificated.....	....	....	....	....	....	....
—Discharged.....	....	....	....	....	....	....
10. Habitude—Warrant of Deputy Minister for Removal (Sec. 47-51) (Form 24).....	10	....	10	3	....	3
11. Inspector's Warrant—Sec. 9 (3) Psychiatric Hospitals Act.....	19	19	38	9	5	14
TOTALS.....	1,058	1,211	2,269	325	404	729

TABLE No. 15
ADMISSIONS BY PLACE OF BIRTH AND NATIVITY OF PARENTS

NATIVITY	FIRST ADMISSIONS			READMISSIONS			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Canadian Born.....	776	942	1,718	250	288	538	1,026	1,230	2,256
—Canadian-born Parents.....	405	510	915	144	182	326	549	692	1,241
—British-born Parents.....	133	192	325	34	39	73	167	231	398
—Foreign-born Parents.....	41	55	96	17	17	34	58	72	130
—Mixed Parentage.....	99	81	180	25	31	56	124	112	236
—Unknown Parentage.....	98	104	202	30	19	49	128	123	251
British Born.....	133	167	300	44	53	97	177	220	397
Foreign Born.....	141	97	238	28	62	90	169	159	328
Unknown.....	8	5	13	3	1	4	11	6	17
TOTALS.....	1,058	1,211	2,269	325	404	729	1,383	1,615	2,998

TABLE No. 16
ADMISSIONS BY CITIZENSHIP

CITIZENSHIP	FIRST ADMISSIONS			READMISSIONS			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Canadian by Birth.....	776	942	1,718	250	288	538	1,026	1,230	2,256
British Born Who Have Resided in Canada 5 Years or More...	122	151	273	40	49	89	162	200	362
British Born with Less than 5 Years' Residence in Canada..	1	1	2	1	2	3	2	3	5
British Born, Length of Resi- dence Unknown.....	11	15	26	3	2	5	14	17	31
Alien Born (Naturalized).....	6	1	7	2	2	4	8	3	11
Alien Born with 5 Years' or More Residence in Canada....	115	85	200	26	56	82	141	141	282
Alien Born with Less than 5 Years' Residence.....	1	1	2	.....	1	1	1	2	3
Alien Born, Duration of Resi- dence Unknown.....	18	10	28	.....	3	3	18	13	31
Not Given.....	8	5	13	3	1	4	11	6	17
TOTALS.....	1,058	1,211	2,269	325	404	729	1,383	1,615	2,998

TABLE No. 17
FIRST ADMISSIONS BY AGE

AGE	MALE	FEMALE	TOTAL	AGE	MALE	FEMALE	TOTAL
Under 1.....	1	.....	1	52.....	19	19	38
1.....	.....	1	1	53.....	13	16	29
2.....	3	3	6	54.....	14	22	36
3.....	6	3	9	55.....	11	16	27
4.....	6	3	9	56.....	11	17	28
5.....	6	6	12	57.....	9	17	26
6.....	13	7	20	58.....	10	8	18
7.....	11	4	15	59.....	12	14	26
8.....	6	2	8	60.....	11	14	25
9.....	3	4	7	61.....	11	7	18
10.....	7	5	12	62.....	8	15	23
11.....	6	5	11	63.....	15	9	24
12.....	8	6	14	64.....	10	19	29
13.....	16	12	28	65.....	15	8	23
14.....	10	11	21	66.....	10	8	18
15.....	14	22	36	67.....	7	17	24
16.....	15	21	36	68.....	17	14	31
17.....	16	24	40	69.....	11	15	26
18.....	20	27	47	70.....	18	10	28
19.....	25	16	41	71.....	16	10	26
20.....	9	18	27	72.....	10	11	21
21.....	14	23	37	73.....	17	15	32
22.....	16	16	32	74.....	21	13	34
23.....	15	16	31	75.....	19	10	29
24.....	20	14	34	76.....	10	11	21
25.....	20	19	39	77.....	8	6	14
26.....	20	14	34	78.....	13	13	26
27.....	12	16	28	79.....	11	17	28
28.....	15	16	31	80.....	8	8	19
29.....	15	19	34	81.....	5	8	13
30.....	16	19	35	82.....	8	12	20
31.....	15	26	41	83.....	7	6	13
32.....	15	27	42	84.....	7	10	17
33.....	14	20	34	85.....	4	4	8
34.....	14	15	29	86.....	7	5	12
35.....	13	19	32	87.....	4	5	9
36.....	5	17	22	88.....	2	5	7
37.....	13	21	34	89.....	4	4	8
38.....	17	16	33	90.....	.....	1	1
39.....	13	20	33	91.....	.....	.....	.....
40.....	28	21	49	92.....	1	1	1
41.....	12	13	25	93.....	.....	1	1
42.....	18	19	37	94.....	.....	1	1
43.....	15	19	34	95.....	.....	.....	.....
44.....	6	28	34	96.....	.....	.....	.....
45.....	12	17	29	97.....	.....	.....	.....
46.....	11	14	25	98.....	.....	.....	.....
47.....	12	15	27	99.....	.....	.....	.....
48.....	10	20	30	100+.....	.....	.....	.....
49.....	8	21	29	Unascertained.....	5	.....	5
50.....	15	12	27				
51.....	9	15	24				
TOTALS.....	1,058	1,211	2,269				

TABLE No. 18

FIRST ADMISSIONS AND READMISSIONS BY AGE AND SEX

AGE GROUP	FIRST ADMISSIONS			READMISSIONS			TOTAL ADMISSIONS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 Years.....	55	33	88	.....	.....	.....	55	33	88
10-14.....	47	39	86	4	2	6	51	41	92
15-19.....	89	111	200	10	9	19	99	120	219
20-24.....	76	91	167	29	18	47	105	109	214
25-29.....	81	83	164	31	43	74	112	126	238
30-34.....	77	107	184	48	50	98	125	157	282
35-39.....	61	93	154	32	48	80	93	141	234
40-44.....	80	100	180	30	47	77	110	147	257
45-49.....	53	87	140	20	45	65	73	132	205
50-54.....	71	82	153	27	43	70	98	125	223
55-59.....	52	73	125	29	35	64	81	108	189
60-64.....	55	61	116	22	32	54	77	93	170
65-69.....	59	62	121	21	14	35	80	76	156
70 and Over.....	197	189	386	21	18	39	218	207	425
Not Stated.....	5	.....	5	1	.....	1	6	.....	6
ALL AGES.....	1,058	1,211	2,269	325	404	729	1,383	1,615	2,998

TABLE No. 19
FIRST AND READMISSIONS BY DIAGNOSIS

DIAGNOSIS	FIRST ADMISSIONS			READMISSIONS		
	M.	F.	T.	M.	F.	T.
01 Psychoses with Syphilitic Meningo-Encephalitis (General Paresis).....	72	39	111	11	6	17
02 Psychoses with Other Forms of Syphilis of Central Nervous System.....	3	2	5	2	.....	2
021 Meningo-Vascular Type (Cerebral Syphilis).....	1	1	2	2	.....	2
022 With Intracranial Gumma.....	.....	.....	.....	.....	.....	.....
023 Other Types.....	2	1	3	.....	.....	.....
03 Psychoses with Epidemic Encephalitis.....	4	1	5	2	2	4
04 Psychoses with Other Infectious Diseases.....	.....	10	10	1	.....	1
041 With Tuberculous Meningitis.....	.....	.....	.....	.....	.....	.....
042 With Meningitis (Unspecified).....	.....	.....	.....	.....	.....	.....
043 With Acute Chorea (Sydenham's).....	.....	.....	.....	.....	.....	.....
044 With Other Infectious Disease.....	.....	10	10	.....	.....	.....
045 Post-infectious Psychoses.....	.....	.....	.....	1	.....	1
05 Alcoholic Psychoses.....	17	3	20	10	2	12
051 Pathological Intoxication.....	2	.....	2	1	.....	1
052 Delirium Tremens.....	2	2	4	.....	1	1
053 Korsakow's Psychosis.....	1	.....	1	1	.....	1
054 Acute Hallucinosiis.....	8	1	9	3	.....	3
055 Other Types.....	4	.....	4	5	1	6
06 Psychoses Due to Drugs or Other Exogenous Poisons.....	1	7	8	.....	1	1
061 Due to Metals.....	.....	.....	.....	.....	.....	.....
062 Due to Gases.....	.....	.....	.....	.....	.....	.....
063 Due to Opium and Derivatives.....	.....	3	3	.....	.....	.....
064 Due to Other Drugs.....	1	4	5	.....	1	1
07 Traumatic Psychoses.....	1	1	2	2	1	3
071 Traumatic Delirium.....	.....	.....	.....	.....	.....	.....
072 Post-traumatic Personality Disorders.....	.....	1	1	2	1	3
073 Post-traumatic Mental Deteriorations.....	1	.....	1	.....	.....	.....
074 Other Types.....	.....	.....	.....	.....	.....	.....
08 Psychoses with Cerebral Arteriosclerosis.....	130	96	226	10	3	13
09 Psychoses with Other Disturbances of Circulation.....	8	7	15	.....	1	1
091 With Cerebral Embolism.....	4	4	8	.....	.....	.....
092 With Cardio-renal Disease.....	.....	.....	.....	.....	.....	.....
093 Other Types.....	4	3	7	.....	1	1
10 Psychoses with Convulsive Disorders (Epilepsy).....	18	16	34	11	10	21
101 Epileptic Deterioration.....	1	8	9	9	5	14
102 Epileptic Clouded States.....	4	3	7	.....	1	1
103 Other Epileptic Types.....	13	5	18	2	4	6
11 Senile Psychoses.....	117	153	270	6	5	11
111 Simple Deterioration.....	97	120	217	5	3	8
112 Presbyophrenic Type.....	.....	3	3	.....	.....	.....
113 Delirious and Confused Types.....	10	10	20	.....	.....	.....
114 Depressed and Agitated Types.....	.....	5	5	.....	.....	.....
115 Paranoid Types.....	10	15	25	1	2	3
12 Involuntary Psychoses.....	25	76	101	12	26	38
121 Melancholia.....	22	56	78	10	19	29
122 Paranoid Types.....	2	20	22	2	6	8
123 Other Types.....	1	.....	1	.....	1	1
13 Psychoses Due to Other Metabolic, etc., Diseases.....	17	26	43	1	1	2
131 With Diseases of the Endocrine Glands.....	.....	3	3	.....	.....	.....
132 Exhaustion Delirium.....	2	4	6	.....	.....	.....
133 Alzheimer's Disease.....	1	1	2	.....	.....	.....
134 With Pellagra.....	.....	.....	.....	.....	.....	.....
135 With Other Somatic Diseases.....	14	18	32	1	1	2
14 Psychoses Due to New Growth.....	.....	.....	.....	.....	1	1
141 With Intracranial Neoplasms.....	.....	.....	.....	.....	1	1
142 With Other Neoplasms.....	.....	.....	.....	.....	.....	.....
15 Psychoses with Organic Changes of Nervous System.....	6	11	17	.....	1	1
151 With Multiple Sclerosis.....	1	1	2	.....	.....	.....
152 With Paralysis Agitans.....	1	1	2	.....	.....	.....
153 With Huntington's Chorea.....	1	3	4	.....	.....	.....
154 With Other Brain or Nervous Diseases.....	3	6	9	.....	1	1

TABLE No. 19 (Concl'd)
FIRST AND READMISSIONS BY DIAGNOSIS

DIAGNOSIS	FIRST ADMISSIONS			READMISSIONS		
	M.	F.	T.	M.	F.	T.
16 Psychoneuroses.....	24	70	94	4	18	22
161 Hysteria (Anxiety Hysteria, Conversion Hysteria and Sub-groups).....	3	9	12	.....	3	3
162 Psychasthenia or Compulsive States (and Sub-groups)....	1	4	5	1	1	2
163 Neurasthenia.....	1	8	9	.....	5	5
164 Hypochondriasis.....	2	3	5	.....	.....	.....
165 Reactive Depression (Simple Situational Reaction, Others)	14	32	46	2	5	7
166 Anxiety State.....	.....	8	8	1	3	4
167 Mixed Psychoneurosis.....	3	6	9	.....	1	1
17 Manic-Depressive Psychoses.....	104	193	297	92	141	233
171 Manic Type.....	45	70	115	46	78	124
172 Depressive Type.....	40	80	120	40	39	79
173 Circular Type.....	.....	1	1	.....	.....	.....
174 Mixed Type.....	10	30	40	4	18	22
175 Perplexed Type.....	5	5	10	.....	.....	.....
176 Stuporous Type.....	2	1	3	.....	3	3
177 Other Types.....	2	6	8	2	3	5
18 Dementia Praeox (Schizophrenia).....	197	228	425	104	139	243
181 Simple Type.....	15	9	24	11	8	19
182 Hebephrenic Type.....	9	16	25	5	5	10
183 Catatonic Type.....	85	98	183	53	71	124
184 Paranoid Type.....	58	80	138	28	41	69
185 Other Types.....	30	25	55	7	14	21
19 Paranoia and Paranoid Conditions.....	10	18	28	4	4	8
191 Paranoia.....	5	9	14	1	3	4
192 Paranoid Conditions.....	5	9	14	3	1	4
20 Psychoses with Psychopathic Personality.....	4	2	6	2	1	3
21 Psychoses with Mental Deficiency.....	26	28	54	8	10	18
22 Undiagnosed Psychoses.....	14	12	26	2	2	4
23 Without Psychoses.....	248	207	455	38	28	66
231a Epileptics Not Psychotic or Feeble-minded.....	22	14	36	6	2	8
231b Epileptics Who Are Feeble-minded.....	15	19	34	4	3	7
231 Alcoholism.....	14	2	16	5	1	6
233 Drug Addiction.....	1	1	2	1	.....	1
234 Mental Deficiency.....	177	164	341	19	20	39
234a Idiot.....	47	26	73	1	1	2
234b Imbecile.....	71	48	119	10	2	12
234c Moron.....	32	70	102	2	10	12
234d Grade Unspecified.....	27	20	47	6	7	13
235 Disorders of Personality Due to Epidemic Encephalitis.....	2	.....	2	1	.....	1
236 Psychopathic Personality.....	7	1	8	1	1	2
236a With Pathological Sexuality.....	1	.....	1	.....	.....	.....
236b With Pathological Emotionality.....	2	.....	2	.....	.....	.....
236c With Asocial or Amoral Trends.....	3	.....	3	.....	.....	.....
236d Mixed Types.....	1	1	2	1	1	2
237 Other Non-psychotic Conditions.....	10	6	16	1	1	2
24 Primary Behaviour Disorders.....	8	3	11	2	.....	2
241 Simple Adult Maladjustments.....	8	2	10	2	.....	2
242 Primary Behaviour Disorders in Children.....	.....	1	1	.....	.....	.....
242a Habit Disturbance.....	.....	.....	.....	.....	.....	.....
242b Conduct Disturbance.....	.....	1	1	.....	.....	.....
242c Neurotic Traits.....	.....	.....	.....	.....	.....	.....
25 Without Mental Disorder.....	4	2	6	1	1	2
TOTALS 1-22.....	798	999	1,797	284	375	659
TOTALS 23-25.....	260	212	472	41	29	70
GRAND TOTALS.....	1,058	1,211	2,269	325	404	729

TABLE No. 20
FIRST ADMISSIONS BY HOSPITAL AND DIAGNOSIS

DIAGNOSIS	ALL HOSPITALS	BROCKVILLE	COBOURG	FORT WILLIAM	HAMILTON	KINGSTON	LANGSTAFF	LONDON	NEW TORONTO	ORILLIA	PENETANG	TORONTO	WHITBY	WOODSTOCK
01. With Syphilitic Meningo-Encephalitis.....	111	9		1	26	6		10	11			40	8	
02. With Other Forms of Syphilis.....	5	1				1		3	1			2		
03. With Epidemic Encephalitis.....	10	2			1	2		8	3			4	2	
04. With Other Infectious Diseases.....	20		4					5				1	3	
05. Alcoholic Psychoses.....	4							4						
06a. Due to Opium and Other Drugs.....	4							1					3	
06b. Due to Other Exogenous Toxins.....	2							51	14			38	1	2
07. Traumatic Psychoses.....	226	16		3	61	25		14	14		2	11	14	2
08. With Cerebral Arteriosclerosis.....	15	2		2				6	2			5	10	3
09. With Other Disturbances of Circulation.....	34	23		3	23	26		32	29		4	73	56	13
10. With Convulsive Disorders (Epilepsy).....	270	23		3	23	4		8	7			4	50	1
11. Senile Psychoses.....	101	3		1	3	1		11				18	9	1
12. Involutional Psychoses.....	43													
13. Due to Other Metabolic, etc., Diseases.....	17					2		3	1				5	
14. Due to New Growth.....	17							3	0				11	3
15. With Organic Changes of Nervous Sys.....	94	11			28	11		24	0			5	11	3
16. Psychoneuroses.....	297	21		5	47	23		63	41		3	35	59	2
17. Manic-Depressive Psychoses.....	425	39		16	75	19		70	52		3	54	95	2
18. Dementia Praecox (Schizophrenia).....	28	1		1	1	8		2	1			3	11	
19. Paranoia and Paranoid Conditions.....	6													
20. With Psychopathic Personality.....	54	6		1	7	2		16	3			12	5	
21. With Mental Deficiency.....	26			1	2			12	4			6	1	
22. Undiagnosed Psychoses.....														
231a. Epileptics Not Psychotic or Feeble-minded.....	35			1										33
231b. Epileptics Who Are Feeble-minded.....	35	1				1			1			1		25
232. Alcoholism.....	16	1				1		4					9	
233. Drug Addiction.....	2												1	
234. Mental Deficiency.....	341	9	37	3	25	12		20	11	189	6	22	6	1
235. Disorders of Personality.....	10			1	2								3	2
236. Psychopathic Personality.....	16	3			4				5			1	4	3
237. Other Non-psychotic Conditions.....	11	2											4	
24. Primary Behaviour Disorders.....	6													
25. Without Mental Disorder.....														
TOTALS 1-22.....	1,797	134	1	40	294	132		332	179		13	306	344	22
TOTALS 23-25.....	472	18	37	5	31	20		24	18	196	6	26	27	64
GRAND TOTALS.....	2,269	152	38	45	325	152		356	197	196	19	332	371	86

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 21
FIRST ADMISSIONS BY MARITAL STATUS AND DIAGNOSIS

DIAGNOSIS	SINGLE		MARRIED		WIDOWED		DIVORCED		SEPARATED		UNASCERTAINED		TOTAL					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				
	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.				
01. With Syphilitic Meningo-Encephalitis.....	17	2	19	39	26	65	6	7	13	1	1	3	1	4	72	39	111	
02. With Other Forms of Syphilis.....	2	2	2	1	2	3	.....	.....	.....	.....	.....	.....	.....	.....	2	2	5
03. With Epidemic Encephalitis.....	.....	.....	.....	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	3	4	7
04. With Other Infectious Diseases.....	.....	5	11	5	5	5	.....	.....	.....	.....	.....	.....	.....	.....	10	10	20
05a. Alcoholic Psychoses.....	.....	.....	.....	5	3	8	.....	.....	.....	.....	.....	.....	.....	.....	3	4	7
05b. Due to Other Exogenous Toxins.....	.....	1	1	1	2	3	.....	.....	.....	.....	.....	.....	.....	.....	1	3	4
06. Traumatic Psychoses.....	.....	.....	.....	1	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
07. With Cerebral Arteriosclerosis.....	17	21	38	72	29	101	39	39	78	3	3	1	1	1	130	96	226	
08. With Other Disturbances of Circulation.....	12	9	21	5	5	10	1	1	2	.....	.....	.....	.....	.....	8	7	15
09. With Convulsive Disorders (Epilepsy).....	18	32	50	52	34	86	45	86	131	1	1	1	1	1	117	153	270	
10. Senile Psychoses.....	5	12	17	18	53	71	10	10	11	1	1	.....	.....	.....	25	25	50
11. Involutional Psychoses.....	6	2	8	5	21	26	5	2	7	.....	.....	.....	.....	.....	17	26	43
12. Due to Other Metabolic, etc., Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13. Due to New Growth.....	.....	3	3	5	6	11	.....	.....	.....	.....	.....	.....	.....	.....	6	11	17
14. With Organic Changes of Nervous System.....	9	21	30	14	43	57	.....	.....	.....	.....	.....	.....	.....	.....	24	70	94
15. Psychoneuroses.....	35	41	76	57	123	180	9	25	34	1	1	1	1	1	104	193	297	
16. Manic-Depressive Psychoses.....	153	120	273	33	91	124	4	5	9	.....	.....	.....	.....	.....	197	228	425
17. Dementia Praecox (Schizophrenia).....	2	5	7	5	11	16	.....	.....	.....	.....	.....	.....	.....	.....	10	18	28
18. Paranoia and Paranoid Conditions.....	3	1	4	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	4	2	6
19. With Psychopathic Personality.....	19	19	38	.....	9	13	1	.....	.....	.....	.....	.....	.....	.....	26	28	54
20. With Mental Deficiency.....	9	2	11	3	8	11	1	.....	.....	.....	.....	.....	.....	.....	14	12	26
21. Undiagnosed Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
231a. Epileptics Not Psychotic or Feeble-minded.....	14	12	26	7	2	9	.....	.....	.....	.....	.....	.....	.....	.....	21	14	35
231b. Epileptics Who Are Feeble-minded.....	16	18	34	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	16	19	35
232. Alcoholism.....	1	.....	1	8	1	9	1	.....	.....	.....	.....	.....	.....	.....	14	2	16
233. Drug Addiction.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2
234. Mental Deficiency.....	175	155	330	2	6	8	1	1	1	.....	.....	.....	.....	.....	177	164	341
235. Disorders of Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
236. Psychopathic Personality.....	7	1	8	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	9	1	10
237. Other Non-psychotic Conditions.....	6	5	11	3	2	3	1	.....	.....	.....	.....	.....	.....	.....	10	6	16
24. Primary Behaviour Disorders.....	6	1	7	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	8	3	11
25. Without Mental Disorder.....	2	.....	2	1	2	3	1	.....	.....	.....	.....	.....	.....	.....	4	2	6
TOTALS 1-22.....	322	298	620	327	481	808	115	184	299	4	8	12	22	27	49	798	999	1,797
TOTALS 23-25.....	227	193	420	25	14	39	3	1	4	1	1	2	3	3	6	260	212	472
GRAND TOTALS.....	549	491	1,040	352	495	847	118	185	303	5	9	14	25	30	55	1,058	1,211	2,269

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 22
FIRST ADMISSIONS BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP															
	Under 10		10-14		15-19		20-24		25-29		30-34		35-39		40-44	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
01. With Syph. Meningo-Encephalitis.																
02. With Other Forms of Syphilis.																
03. With Epidemic Encephalitis.																
04. With Other Infectious Diseases.																
05. Alcoholic Psychoses.																
06a. Due to Opium and Other Drugs.																
06b. Due to Other Exogenous Toxins.																
07. Traumatic Psychoses.																
08. With Cerebral Arteriosclerosis.																
09. With Other Disturb. of Circulation.																
10. With Conv. Disorders (Epilepsy).																
11. Senile Psychoses.																
12. Involutional Psychoses.																
13. Due to Other Metabolic, etc., Dis.																
14. Due to New Growth.																
15. With Organic Changes of Nerv. Sys.																
16. Psychoneuroses.																
17. Manic-Depressive Psychoses.																
18. Dementia Praecox (Schizopirenia).																
19. Paranoia and Paranoid Conditions.																
20. With Psychopathic Personality.																
21. With Mental Deficiency.																
22. Undiagnosed Psychoses.																
231a. Epileptics Not Psychotic or Feeble-minded.																
231b. Epileptics Who Are Feeble-minded.																
232. Alcoholism.																
233. Drug Addiction.																
234. Mental Deficiency.																
235. Disorders of Personality.																
236. Psychopathic Personality.																
237. Other Non-psychotic Conditions.																
24. Primary Behaviour Disorders.																
25. Without Mental Disorder.																
TOTALS 1-22.																
TOTALS 23-25.																
GRAND TOTALS.																

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 22 (Concl'd)
FIRST ADMISSIONS BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP (Concl'd)												TOTAL							
	45-49		50-54		55-59		60-64		65-69		70 AND OVER		UNASCERTAINED		M.	F.	T.			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				T.		
01. With Syph. Meningo-Encephalitis.....	10	2	12	17	4	21	6	3	9	4	3	7	1	1	3	2	5	72	39	111
02. With Other Forms of Syphilis.....	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	3	4	10
03. With Epidemic Encephalitis.....	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	17	3	20
04. With Other Infectious Diseases.....	1	1	2	2	1	3	1	1	1	1	1	1	1	1	1	1	1	1	3	4
05. Alcoholic Psychoses.....	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	4	4
06a. Due to Other Exogenous Toxins.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
07. Traumatic Psychoses.....	3	2	5	7	4	11	7	8	15	13	11	24	23	46	77	47	124	130	96	226
08. With Cerebral Arteriosclerosis.....	1	1	1	1	1	3	1	2	2	2	2	3	1	2	1	1	2	18	16	34
09. With Other Disturb. of Circulation.....	2	2	2	1	1	2	1	1	1	2	4	6	12	18	102	131	233	117	153	270
10. With Conv. Disorders (Epilepsy).....	6	19	25	8	19	27	4	14	18	1	10	11	3	2	4	2	6	27	76	103
11. Senile Psychoses.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12. Involutional Psychoses.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13. Due to Other Metabolic, etc., Dis.....	2	2	2	2	2	4	2	2	2	1	1	1	1	1	1	1	1	6	11	17
14. Due to New Growth.....	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15. With Organic Changes of Nerv. Sys.....	9	24	33	12	15	27	16	17	33	11	14	29	9	8	7	4	11	107	193	297
16. Psychoneuroses.....	8	10	18	6	16	22	3	10	13	4	3	7	2	2	1	1	1	197	228	425
17. Manic-Depressive Psychoses.....	2	5	7	3	3	3	2	2	4	1	1	2	2	2	1	1	1	10	18	28
18. Dementia Praecox (Schizophrenia).....	1	1	2	3	3	6	1	1	1	1	1	1	1	1	1	1	1	26	28	54
19. Paranoia and Paranoid Conditions.....	1	1	2	3	3	6	2	2	2	1	1	1	1	1	1	1	1	14	12	26
20. With Psychopathic Personality.....	1	1	2	3	3	6	2	2	2	1	1	1	1	1	1	1	1	1	1	1
21. With Mental Deficiency.....	1	1	2	3	3	6	2	2	2	1	1	1	1	1	1	1	1	1	1	1
22. Undiagnosed Psychoses.....	1	1	2	3	3	6	2	2	2	1	1	1	1	1	1	1	1	1	1	1
23a. Epileptics Not Psychotic or Feeble-minded.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	14	35
23b. Epileptics Who Are Feeble-minded.....	1	1	2	3	3	3	1	1	1	1	1	1	1	1	1	1	1	14	19	33
232. Alcoholism.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
233. Drug Addiction.....	3	2	5	2	2	4	4	2	6	2	1	3	2	3	5	5	5	1	1	2
234. Mental Deficiency.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
235. Disorders of Personality.....	1	1	2	1	2	1	2	2	2	1	1	1	1	1	1	1	1	9	10	10
236. Psychopathic Personality.....	1	1	2	1	2	1	2	2	2	1	1	1	1	1	1	1	1	10	6	16
237. Other Non-psychotic Conditions.....	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	8	3	11
24. Primary Behaviour Disorders.....	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	4	4	8
25. Without Mental Disorder.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TOTALS 1-22.....	43	82	125	63	81	144	49	68	117	50	59	109	58	60	118	202	188	798	999	1,797
TOTALS 23-25.....	10	5	15	6	3	9	4	5	9	3	1	4	5	3	8	1	1	260	212	472
GRAND TOTALS.....	53	87	140	69	84	153	53	73	126	53	60	113	63	63	126	203	188	1,058	1,211	2,269

With Psychosis

Without Psychosis

TABLE No. 23
FIRST ADMISSIONS BY RACIAL ORIGIN AND DIAGNOSIS

DIAGNOSIS	ENGLISH		IRISH		SCOTCH		FRENCH		GERMAN		HEBREW		ITALIAN		SLAVONIC		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
01. With Syph. Meningo-Encephalitis.	27	17	4	11	6	5	11	7	5	12	1	1	5	1	6	7	2
02. With Other Forms of Syphilis.	1	2	2	2	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....
03. With Epidemic Encephalitis.	6	4	1	1	3	2	2	1	1	1	.....	.....	.....	.....	.....	.....	.....
04. With Other Infectious Diseases	.....	7	1	3	3	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
05. Alcoholic Psychoses.	.....	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06a. Due to Opium and Other Drugs	.....	3	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06b. Due to Other Exogenous Toxins	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
07. Traumatic Psychoses.	63	48	11	38	26	11	37	7	5	12	5	2	1	1	2	.....	.....
08. With Cerebral Arteriosclerosis.	5	4	1	2	3	3	6	3	3	4	2	2	1	1	2	.....	.....
09. With Other Disturb. of Circulation.	7	8	15	142	3	29	51	7	7	14	2	5	2	1	1	.....	.....
10. With Conv. Disorders (Epilepsy)	12	34	46	3	22	15	15	7	3	4	3	4	1	1	1	3	1
11. Semile Psychoses.	6	12	18	5	4	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. Involutional Psychoses.	4	6	10	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13. Due to Other Metabolic, etc., Dis.	13	34	47	1	1	13	14	2	6	8	1	1	1	1	1	1	1
14. Due to New Growth.	39	91	130	10	30	40	12	18	30	14	13	27	2	2	3	3	4
15. With Organic Changes of Nerv. Sys.	64	91	155	20	24	44	18	24	42	20	26	46	7	14	4	7	11
16. Psychoneuroses.	5	9	14	1	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17. Manic-Depressive Psychoses.	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18. Dementia Praecox (Schizophrenia).	7	13	20	1	3	4	1	1	1	1	1	1	1	1	1	1	1
19. Paranoia and Paranoid Conditions.	2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20. With Psychopathic Personality.	7	13	20	1	3	4	1	2	3	3	11	1	1	2	1	1	1
21. With Mental Deficiency	5	4	9	2	2	4	2	2	2	2	8	3	1	1	1	1	2
22. Undiagnosed Psychoses.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
231a. Epileptics Not Psychotic or Feeble-minded	9	6	15	5	1	6	2	3	5	3	2	3	1	2	3	.....	.....
231b. Epileptics Who Are Feeble-minded.	6	11	17	2	2	4	2	3	2	5	.....	.....	.....	.....	.....	.....	.....
232. Alcoholism.	7	1	2	2	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
233. Drug Addiction	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
234. Mental Deficiency	75	56	131	20	9	29	17	28	45	17	15	32	6	12	4	4	8
235. Disorders of Personality	3	1	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
236. Psychopathic Personality	6	3	6	1	1	1	1	2	1	3	.....	.....	.....	.....	.....	.....	.....
237. Other Non-psychotic Conditions.	3	3	6	1	1	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....
24. Primary Behaviour Disorders.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25. Without Mental Disorder	3	3	3	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS 1-22.....	322	470	792	91	142	233	97	127	224	76	77	153	22	31	53	13	15
TOTALS 23-25.....	112	80	192	33	13	46	24	35	59	25	21	46	8	6	14	4	4
GRAND TOTALS.....	434	550	984	124	155	279	121	162	283	101	98	199	30	37	67	17	19
																31	24
																8	2
																39	26
																55	10
																65	

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 23 (Concl'd)
FIRST ADMISSIONS BY RACIAL ORIGIN AND DIAGNOSIS

DIAGNOSIS	SCANDINAVIAN		OTHER EUROPEAN RACES		CHINESE AND JAPANESE		OTHER ASIATIC RACES		AMERICAN INDIAN		OTHERS		UNSPECIFIED		TOTAL	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.
01. With Syph. Meningo-Encephalitis.....	1	1	2	4	3	3	.....	.....	2	.....	1	1	2	2	72	39
02. With Other Forms of Syphilis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2
03. With Epidemic Encephalitis.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	1	5
04. With Other Infectious Diseases.....	2	.....	2	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	17	3
05. Alcoholic Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4
06a. Due to Opium and Other Drugs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06b. Due to Other Exogenous Toxins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
07. Traumatic Psychoses.....	2	1	3	3	1	9	.....	.....	.....	.....	.....	.....	.....	.....	1	220
08. With Cerebral Arteriosclerosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130	96
09. With Other Disturb. of Circulation.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	7
10. With Conv. Disorders (Epilepsy).....	1	4	1	3	1	4	.....	.....	.....	.....	.....	.....	.....	.....	18	16
11. Semile Psychoses.....	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	117	153
12. Involutional Psychoses.....	2	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	76
13. Due to Other Metabolic, etc., Dis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	26
14. Due to New Growth.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15. With Organic Changes of Nerv. Sys.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	11
16. Psychoneuroses.....	1	4	5	12	1	23	.....	.....	.....	.....	.....	.....	.....	.....	24	70
17. Manic-Depressive Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	104	193
18. Dementia Praecox (Schizophrenia).....	11	5	16	31	2	45	.....	.....	.....	.....	.....	.....	.....	.....	197	228
19. Paranoia and Paranoid Conditions.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	18
20. With Psychopathic Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. With Mental Deficiency.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22. Undiagnosed Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
231a. Epileptics Not Psychotic or Feeble-minded.....	1	1	.....	2	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1	14
231b. Epileptics Who Are Feeble-minded.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	35
232. Alcoholism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	2
233. Drug Addiction.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
234. Mental Deficiency.....	2	2	6	5	1	11	.....	.....	.....	.....	.....	.....	.....	.....	177	164
235. Disorders of Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
236. Psychopathic Personality.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	10
237. Other Non-psychotic Conditions.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	6
24. Primary Behaviour Disorders.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	11
25. Without Mental Disorder.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS 1-22.....	26	15	41	67	44	111	8	1	9	5	3	8	3	5	798	999
TOTALS 23-25.....	2	3	5	11	7	18	.....	1	1	4	3	7	3	1	260	212
GRAND TOTALS.....	28	18	46	78	51	129	8	2	10	9	6	15	6	6	1,058	1,211

With Psychosis

Without Psychosis

TABLE No. 24
FIRST ADMISSIONS BY EDUCATIONAL STATUS AND DIAGNOSIS

DIAGNOSIS	ILLITERATE		READS ONLY		READS AND WRITES		COMMON SCHOOL		HIGH SCHOOL		UNIVERSITY		UNASCERTAINED		TOTAL						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.					
01. With Syph. Meningo-Encephalitis.	2	5	7		5	1	6	44	24	68	10	6	16	3	3	11	72	39	111		
02. With Other Forms of Syphilis.					1	1	4	2	2	4	4	4					3	2	5		
03. With Epidemic Encephalitis.	2		2				1	2	1	3							4	1	5		
04. With Other Infectious Diseases.							1	4	4								10	10	20		
05. Alcoholic Psychoses.							13	2	15	2	1	3	1	1	1	1	17	3	20		
06a. Due to Opium and Other Drugs.								3	3								3	4	7		
06b. Due to Other Exogenous Toxins								1	1								1	4	5		
07. Traumatic Psychoses.																					
08. With Cerebral Arteriosclerosis.	7	2	9		7	8	15	84	53	137	9	18	27	1	14	14	130	96	226		
09. With Other Disturb. of Circulation.							5	5	10								7	15	22		
10. With Conv. Disorders (Epilepsy)	1	4	5		3	5	8	9	16	4	4						18	16	34		
11. Senile Psychoses.	12	5	17	2	15	5	20	58	83	141	12	27	39	4	14	31	117	153	270		
12. Involuntary Psychoses.	2		2		2	1	3	13	44	57	5	23	28	2	4	5	25	76	101		
13. Due to Other Metabolic, etc., Dis.					1	2	3	12	16	28	2	5	7	2	3	5	17	26	43		
14. Due to New Growth.							2	4	5	9							6	11	17		
15. With Organic Changes of Nerv. Sys.					1	1	2	16	35	51	7	29	36	1	4	4	24	70	94		
16. Psychoneuroses.					1	1	2	60	98	158	22	77	99	8	6	14	104	193	297		
17. Manic-Depressive Psychoses.	3	3	6		5	5	10	115	124	239	53	74	127	3	8	11	197	228	425		
18. Dementia Praecox (Schizophrenia).	5	3	8	1	12	7	19	2	5	7	12	3	7	10	10	18	10	18	28		
19. Paranoid and Paranoid Conditions.	2	1	3		2	2	2	4	2	6							4	2	6		
20. With Psychopathic Personality	11	8	19		3	5	8	12	15	27	1	2	3				26	28	54		
21. With Mental Deficiency							8	11	9	20							14	12	26		
22. Undiagnosed Psychoses							1										1				
221a. Epileptics Not Psychotic or Feeble-minded	1		1		1	1	2	12	11	23	7	2	9				21	14	35		
221b. Epileptics Who Are Feeble-minded.	9	9	18		3	6	9	3	4	7							16	19	35		
232. Alcoholism.								5		5	3	1	4	5	1	1	2	14	2	16	
233. Drug Addiction.																					
234. Mental Deficiency	125	79	204		29	64	93	22	17	39							177	164	341		
235. Disorders of Personality								9									9	1	10		
236. Psychopathic Personality								9									10	6	16		
237. Other Non-psychotic Conditions.	1	1	2		1	1	2	2	10	2	2	2	2	2	2	2	8	3	11		
24. Primary Behaviour Disorders.					1	1	1	5	1	6	2	2	2	1	1	1	8	3	11		
25. Without Mental Disorders					1	1	1	2	1	3	1	1	1				4	2	6		
TOTALS 1-22.....	47	33	80	4	55	45	100	469	540	1,009	133	281	414	32	24	56	798	999	1,797		
TOTALS 23-25.....	136	89	225	1	36	72	108	66	36	102	14	10	24	5		5	260	212	472		
GRAND TOTALS.....	183	122	305	5	91	117	208	535	576	1,111	147	291	438	37	24	61	60	76	1,058	1,211	2,269

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 25
ALCOHOLIC HABITS OF FIRST ADMISSIONS BY DIAGNOSIS

DIAGNOSIS	ABSTINENT			TEMPERATE			INTERMEDIATE			UNASCERTAINED			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
01. With Syphilitic Meningo-Encephalitis.....	17	21	38	39	9	48	9	4	13	7	5	12	72	39	111
02. With Other Forms of Syphilis.....	2	2	2	1	2	2	2	2	2				3	2	5
03. With Epidemic Encephalitis.....	2	1	3	2	1	2							4	1	5
04. With Other Infectious Diseases.....	9	9	9	1	1	1	16	3	19				17	3	20
05. Alcoholic Psychoses.....	1	1	2	1	1	1							1	3	4
06a. Due to Opium and Other Drugs.....	1	3	3										1	4	4
06b. Due to Other Exogenous Toxins.....	1	1	2										1	1	2
07. Traumatic Psychoses.....	66	79	145	42	10	52	13	1	14	9	6	15	130	96	236
08. With Cerebral Arteriosclerosis.....	5	6	11	2	1	3	2	1	3				8	7	15
09. With Other Disturbances of Circulation.....	10	14	23	38	10	48	4	1	5	14	3	17	117	16	34
10. With Convulsive Disorders (Epilepsy).....	61	139	200	10	8	18	3	1	4	1	2	3	25	76	101
11. Senile Psychoses.....	11	8	19	4	1	5	3		3	2		2	17	26	43
12. Involutional Psychoses.....	4	10	14	1	1	2	1						6	11	17
13. Due to Other Metabolic, etc., Diseases.....	15	48	63	8	18	26	1	1	2	3	3	3	24	70	94
14. Due to New Growth.....	46	153	199	42	34	76	11	1	12	5	5	10	104	193	297
15. Psychoneuroses.....	105	182	287	66	33	99	11	5	16	15	8	23	197	238	435
16. Manic-Depressive Psychoses.....	4	2	4	1	1	1	1			1			4	2	6
17. Dementia Praecox (Schizophrenia).....	2	2	4	1	1	1	1			1			4	2	6
18. Paranoid and Paranoid Conditions.....	18	24	42	6	1	7	1	1	2	1	2	3	26	28	54
19. With Psychopathic Personality.....	7	9	16	6	2	8				1		1	14	12	26
20. With Mental Deficiency.....															
21. With Mental Deficiency.....															
22. Undiagnosed Psychoses.....															
231a. Epileptics Not Psychotic or Feeble-minded.....	10	12	22	7	2	9	4		4				21	14	35
231b. Epileptics Who Are Feeble-minded.....	13	18	31	2	2	2	1	1	2				16	19	35
232. Alcoholism.....													14	2	16
233. Drug Addiction.....					1	1	1	1	2				1	1	2
234. Mental Deficiency.....	161	154	315	8	5	13	3	2	5	5	3	8	177	164	341
235. Disorders of Personality.....	3	4	4	5	5	5	3						9	1	10
236. Psychopathic Personality.....	4	4	8	3	1	4	3		3				1	10	16
237. Other Non-psychotic Conditions.....	3	2	5	5	1	6	6						8	3	11
24. Primary Behaviour Disorders.....	2	2	2	2			2		2				4	2	6
25. Without Mental Disorder.....															
TOTALS 1-22.....	382	806	1,188	278	138	416	82	20	102	56	35	91	798	999	1,797
TOTALS 23-25.....	194	193	387	32	10	42	29	5	34	5	4	9	260	212	472
GRAND TOTALS.....	576	999	1,575	310	148	458	111	25	136	61	39	100	1,058	1,211	2,269

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 26
PREVIOUS OCCUPATIONS OF FIRST ADMISSIONS

PREVIOUS (USUAL) OCCUPATION	MALE	FEMALE	TOTAL
Agriculture.....	157	3	160
Commercial.....	48	3	51
Financial.....	3	1	4
Fishing and Trapping.....	3	.....	3
Logging.....	17	.....	17
Manufacturing.....	46	12	58
Mining.....	19	.....	19
Transportation and Communication.....	26	7	33
Civil Service and Public Administration.....	8	6	14
Personal Service.....	39	334	373
Professional.....	30	37	67
Domestic Service.....	9	245	254
Expert Workers.....	81	23	104
Labourers.....	251	27	278
Clerical.....	20	41	61
Retired.....	61	18	79
Student.....	3	2	5
Military.....	.....	1	1
Housewife.....	.....	164	164
No Occupation.....	231	287	518
Not Given.....	6	.....	6
TOTALS—ALL OCCUPATIONS.....	1,058	1,211	2,269

TABLE No. 27
DISPOSAL OF FIRST AND READMISSIONS DURING THE YEAR FOR CERTAIN PSYCHOSES
Disposal as at March 31

* DIAGNOSIS	* DISCHARGED			DIED			TRANSFERRED			ELOPED AND NOT RETURNED			ON PROBATION			IN BOARDING HOMES			REMAINING IN HOSPITAL			TOTAL ADMISSIONS				
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.		
Senile Psychosis.....	3	11	14	64	72	136	.....	1	1	.....	.....	.....	.....	.....	3	7	10	3	2	5	50	65	115	123	158	281
Psychosis with Cerebral Arteriosclerosis.....	8	4	12	58	41	99	1	.....	1	.....	.....	.....	.....	.....	4	6	10	.....	.....	.....	69	48	117	140	99	239
General Paresis.....	4	2	6	16	8	24	19	9	28	.....	.....	.....	.....	.....	9	9	18	.....	.....	.....	37	19	56	85	47	132
Alcoholic Psychosis.....	11	3	14	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	2	2	4	.....	.....	.....	12	.....	12	26	5	31
Manic-Depressive Psychosis.....	62	89	151	9	16	25	4	2	6	1	.....	1	.....	1	36	99	135	3	6	9	88	122	204	197	334	531
Dementia Praecox (Schizophrenia).....	48	39	87	5	10	15	10	5	15	.....	1	1	.....	1	53	68	121	8	9	17	177	235	412	301	307	668
All Other Psychoses.....	45	100	145	28	25	53	4	7	11	.....	.....	.....	.....	.....	34	89	123	2	4	6	97	138	235	210	363	573
Alcoholism without Psychoses.....	8	1	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	3	2	.....	2	7	2	9	20	3	23
Others without Psychoses.....	44	21	65	13	7	20	3	31	34	3	.....	3	.....	3	13	12	25	3	2	5	202	166	368	281	239	520
TOTALS.....	233	270	503	193	179	372	42	55	97	4	1	5	157	292	449	21	23	44	753	795	1,528	1,383	1,615	2,998		

TABLE No. 28
DISCHARGES BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP															
	UNDER 10		10-14		15-19		20-24		25-29		30-34		35-39		40-44	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
01. With Syphilitic Meningo-Encephalitis.....
02. With Other Forms of Syphilis.....
03. With Epidemic Encephalitis.....
04. With Other Infectious Diseases.....
05. Alcoholic Psychoses.....
06a. Due to Opium and Other Drugs.....
06b. Due to Other Exogenous Toxins.....
07. Traumatic Psychoses.....
08. With Cerebral Arteriosclerosis.....
09. With Other Disturbances of Circulation.....
10. With Convulsive Disorders (Epilepsy).....
11. Senile Psychoses.....
12. Involutional Psychoses.....
13. Due to Other Metabolic, etc., Diseases.....
14. Due to New Growth.....
15. With Organic Changes of Nervous System.....
16. Psychoneuroses.....
17. Manic-Depressive Psychoses.....
18. Dementia Praecox (Schizophrenia).....
19. Paranoia and Paranoid Conditions.....
20. With Psychopathic Personality.....
21. With Mental Deficiency.....
22. Undiagnosed Psychoses.....
231a. Epileptics Not Psychotic or Feeble-minded.....
231b. Epileptics Who Are Feeble-minded.....
232. Alcoholism.....
233. Drug Addiction.....
234. Mental Deficiency.....
235. Disorders of Personality.....
236. Psychopathic Personality.....
237. Other Non-psychotic Conditions.....
24. Primary Behaviour Disorders.....
25. Without Mental Disorder.....
TOTALS 1-22.....
TOTALS 23-25.....
GRAND TOTALS.....	4	3	7	10	6	16	37	42	79	21	37	58	11	14	25	73
	4	3	7	13	6	19	92	99	191	92	104	196	81	118	199	80

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 28 (Concl'd)
DISCHARGES BY AGE AND DIAGNOSIS

DIAGNOSIS	AGE GROUP (Concl'd)												TOTAL				
	45-49		50-54		55-59		60-64		65-69		70 AND OVER		UNASCERTAINED		M.	F.	T.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				T.
01. With Syphilitic Meningo-Encephalitis.....	3	3	6	4	1	5	3	1	1	1	1	1	1	1	29	14	43
02. With Other Forms of Syphilis.....	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
03. With Epidemic Encephalitis.....	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	5	6
04. With Other Infectious Diseases.....	2	1	3	4	1	5	4	1	1	1	1	1	1	1	19	7	26
05. Alcoholic Psychoses.....	2	2	2	4	2	3	2	2	1	1	1	1	1	1	1	8	9
06a. Due to Opium and Other Drugs.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
06b. Due to Other Exogenous Toxins.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
07. Traumatic Psychoses.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
08. With Cerebral Arteriosclerosis.....	1	1	3	1	1	4	3	8	11	10	3	13	8	21	31	20	51
09. With Other Disturbances of Circulation.....	2	1	3	1	1	3	2	2	2	1	1	1	1	1	4	2	6
10. With Convulsive Disorders (Epilepsy).....	1	16	17	8	26	34	2	2	4	2	3	5	15	20	21	14	35
11. Senile Psychoses.....	1	2	2	2	2	2	1	4	5	2	2	4	1	1	9	20	29
12. Involutional Psychoses.....	1	2	2	2	2	2	1	4	5	2	2	4	1	1	30	89	119
13. Due to Other Metabolic, etc., Diseases.....	3	3	3	1	1	1	1	1	1	1	1	1	1	1	6	15	21
14. Due to Organic Changes of Nervous System.....	3	13	16	2	9	11	5	4	9	2	1	2	1	1	4	4	8
15. Psychoneuroses.....	18	26	44	18	28	46	14	38	52	13	18	31	16	13	27	76	103
16. Manic-Depressive Psychoses.....	13	16	29	10	15	25	4	11	15	5	2	7	3	3	172	292	464
17. Dementia Praecox (Schizophrenia).....	3	3	6	1	1	2	2	1	3	1	1	1	2	2	27	213	440
18. Paranoia and Paranoid Conditions.....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	14	14	28
19. With Psychopathic Personality.....	2	1	1	2	2	4	3	3	3	1	1	1	1	1	5	1	6
20. With Mental Deficiency.....	2	1	1	2	2	4	3	3	3	1	1	1	1	1	23	17	40
21. With Mental Deficiency.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	14	20
22. Undiagnosed Psychoses.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
231a. Epileptics Not Psychotic or Feeble-minded.....	1	1	1	1	3	4	1	1	1	2	2	1	1	1	27	16	43
231b. Epileptics Who Are Feeble-minded.....	5	1	6	3	3	3	2	2	2	1	1	1	1	1	14	18	32
232. Alcoholism.....	4	4	4	1	2	3	2	1	1	1	1	1	1	1	15	4	19
233. Drug Addiction.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	4
234. Mental Deficiency.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	82	128	210
235. Disorders of Personality.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
236. Psychopathic Personality.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	5	12
237. Other Non-psychotic Conditions.....	3	3	3	1	1	1	1	1	1	1	1	1	1	1	11	5	16
24. Primary Behaviour Disorders.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	7
25. Without Mental Disorder.....	3	3	3	1	1	1	1	1	1	1	1	1	1	1	18	3	21
TOTALS 1-22.....	48	90	138	54	90	144	51	73	124	40	59	99	46	33	634	829	1,463
TOTALS 23-25.....	15	3	18	7	5	12	7	2	9	2	2	4	4	1	182	179	361
GRAND TOTALS.....	63	93	156	61	95	156	58	75	133	42	61	103	50	34	816	1,008	1,824

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 29
DISCHARGES BY CONDITION ON DISCHARGE AND DIAGNOSIS

DIAGNOSIS	FIRST ADMISSIONS												READMISSIONS							
	RECOVERED			IMPROVED			UNIMPROVED			TOTAL			RECOVERED			IMPROVED				
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.		
01. With Syphilitic Meningo-Encephalitis.....	2	2	4	22	9	31	2	.....	2	.....	2	26	11	37	.....	.....	.....	3	3	6
02. With Other Forms of Syphilis.....	1	.....	1	1	.....	1	.....	1	.....	1	.....	2	1	2	.....	.....	.....	.....	.....	.....
03. With Epidemic Encephalitis.....	1	3	4	.....	1	1	.....	1	.....	1	.....	1	4	5	.....	.....	.....	.....	1	1
04. With Other Infectious Diseases.....	7	3	17	6	2	8	.....	.....	.....	.....	.....	13	5	18	3	1	4	2	1	3
05. Alcoholic Psychoses.....	1	1	6	.....	2	2	.....	.....	.....	.....	.....	1	8	9	.....	.....	.....	.....	.....	.....
06a. Due to Opium and Other Drugs.....	1	2	2	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2	.....	.....	.....	.....	.....	.....
06b. Due to Other Exogenous Toxins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
07. Traumatic Psychoses.....	1	3	8	17	14	31	5	3	8	.....	.....	3	1	4	.....	.....	.....	.....	.....	.....
08. With Cerebral Arteriosclerosis.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	4	2	6	.....	.....	.....	.....	.....	.....
09. With Other Disturbances of Circulation.....	2	1	8	5	1	8	3	.....	.....	.....	.....	15	9	24	.....	.....	.....	.....	.....	.....
10. With Convulsive Disorders (Epilepsy).....	7	2	2	5	10	15	4	8	.....	.....	.....	9	20	29	.....	.....	.....	.....	.....	.....
11. Senile Psychoses.....	13	32	47	7	32	39	4	4	8	.....	.....	24	68	92	3	13	16	3	6	9
12. Involutional Psychoses.....	3	4	7	3	6	9	.....	.....	.....	.....	.....	6	11	17	.....	.....	.....	.....	.....	.....
13. Due to Other Metabolic, etc., Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14. Due to New Growth.....	1	.....	.....	3	2	5	.....	.....	.....	.....	.....	4	4	8	.....	.....	.....	.....	.....	.....
15. With Organic Changes of Nervous System.....	10	20	30	10	28	38	2	5	7	.....	.....	22	62	84	2	8	10	3	6	9
16. Psychoneuroses.....	54	109	163	46	72	118	5	1	6	.....	.....	105	182	287	46	62	108	20	46	66
17. Manic-Depressive Psychoses.....	36	27	63	116	97	213	13	13	26	.....	.....	165	137	302	14	19	33	42	50	92
18. Dementia Praecox (Schizophrenia).....	.....	.....	.....	10	8	18	1	1	2	.....	.....	12	11	23	.....	.....	.....	.....	.....	.....
19. Paranoia and Paranoid Conditions.....	2	4	6	2	2	4	.....	.....	.....	.....	.....	4	6	10	.....	.....	.....	.....	.....	.....
20. With Psychopathic Personality.....	6	6	6	6	6	14	5	2	7	.....	.....	17	10	27	.....	.....	.....	.....	.....	.....
21. With Mental Deficiency.....	3	4	7	.....	.....	.....	1	1	2	.....	.....	4	10	14	.....	.....	.....	.....	.....	.....
22. Undiagnosed Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals 1-22.....	156	234	390	262	308	570	46	42	88	.....	.....	464	584	1,048	70	110	180	90	124	214
Totals 23-25.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	152	165	317	.....	.....	.....	.....	.....	.....
GRAND TOTALS.....	156	234	390	262	308	570	46	42	88	.....	.....	616	749	1,365	70	110	180	90	124	214

With Psychosis

TABLE No. 29 (Concl'd)
DISCHARGES BY CONDITION ON DISCHARGE AND DIAGNOSIS

DIAGNOSIS	READMISSIONS (CONCL'D)						TOTAL ADMISSIONS										
	UNIMPROVED			TOTAL			RECOVERED		IMPROVED		UNIMPROVED		TOTAL				
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.		
01. With Syphilitic Meningo-Encephalitis.....				3	3	6	2	2	4	25	12	37	2		29	14	43
02. With Other Forms of Syphilis.....							1	1	1	1	1	1			2	1	2
03. With Epidemic Encephalitis.....					1	1	1	3	4		2	2	1	1		1	1
04. With Other Infectious Diseases.....				1	6	2	10	4	17	8	3	11	1		19	7	26
05. Alcoholic Psychoses.....							1	2	2		2	2			1	8	9
06a. Due to Opium and Other Drugs.....							1	2	2							2	2
06b. Due to Other Exogenous Toxins.....																	
07. Traumatic Psychoses.....							1	3	4	2	11	35	1	1	3	1	4
08. With Cerebral Arteriosclerosis.....				1	1	4	6	3	9	19	11	32	6	3	9	31	20
09. With Other Disturbances of Circulation.....							3	1	4	3	2	2			4	4	6
10. With Convulsive Disorders (Epilepsy).....				1	6	5	8	1	6	9	13	22	1		21	14	35
11. Senile Psychoses.....							2	2	2	5	10	17		8	12	9	20
12. Involutional Psychoses.....				2	6	21	16	45	61	10	38	48	1	6	10	30	89
13. Due to Other Metabolic, etc., Diseases.....					4	4	3	8	11	3	6	9		1	6	15	21
14. Due to New Growth.....																	
15. With Organic Changes of Nervous System.....																	
16. Psychoneuroses.....				5	14	19	12	37	49	13	24	47	2	5	27	7	103
17. Manic-Depressive Psychoses.....				1	2	3	100	471	271	66	118	184	6	3	172	292	404
18. Dementia Praecox (Schizophrenia).....				6	7	13	50	46	96	158	147	305	19	20	39	227	213
19. Paranoia and Paranoid Conditions.....							1	3	4	12	10	22	1	1	4	4	28
20. With Psychopathic Personality.....				3	3	3	2	1	3	3	3	3	1	2	1	5	6
21. With Mental Deficiency.....				5	5	10	6	5	11	13	10	23	4	2	6	23	17
22. Undiagnosed Psychoses.....				1	1	2	3	4	7	1	9	10	2	1	3	6	14
TOTALS 1-22.....	10	11	21	170	245	415	226	344	570	352	432	784	56	53	109	634	829
TOTALS 23-25.....				30	14	44										182	179
GRAND TOTALS.....	10	11	21	200	259	459	226	344	570	352	432	784	56	53	109	816	1,008

With Psychosis

TABLE No. 30
DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

DIAGNOSIS	RECOVERED										IMPROVED									
	0-5 MONTHS		6-11 MONTHS		1-2 YEARS		3-4 YEARS		5 YEARS AND OVER		UNASCERTAINED		TOTAL RECOVERED		0-5 MONTHS		6-11 MONTHS			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.	
01. With Syphilitic Meningo-Encephalitis.....	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
02. With Other Forms of Syphilis.....	1	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
03. With Epidemic Encephalitis.....	1	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
04. With Other Infectious Diseases.....	1	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
05. Alcoholic Psychoses.....	1	5	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
06a. Due to Opium and Other Drugs.....	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
06b. Due to Other Exogenous Toxins.....	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
07. Traumatic Psychoses.....	3	2	5	3	2	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1
08. With Cerebral Arteriosclerosis.....	3	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
09. With Other Disturbances of Circulation.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10. With Convulsive Disorders (Epilepsy).....	11	28	39	4	4	1	6	7	2	2	5	5	1	1	1	1	1	1	1	1
11. Senile Psychoses.....	2	6	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12. Involutional Psychoses.....	9	26	35	1	9	10	2	3	5	1	1	1	1	1	1	1	1	1	1	1
13. Due to Other Metabolic, etc., Diseases.....	60	101	161	13	30	43	17	32	49	4	1	5	4	5	9	2	2	4	12	39
14. Due to New Growth.....	27	28	55	10	8	18	8	7	15	4	1	5	1	2	3	1	2	3	50	46
15. With Organic Changes of Nervous System.....	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16. Psychoneuroses.....	2	3	5	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1
17. Manic-Depressive Psychoses.....	2	3	5	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1
18. Dementia Praecox (Schizophrenia).....	2	3	5	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1
19. Paranoia and Paranoid Conditions.....	2	3	5	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1
20. With Psychopathic Personality.....	2	3	5	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1
21. With Mental Deficiency.....	3	1	4	2	3	3	1	1	2	1	1	1	1	1	1	1	1	1	6	5
22. Undiagnosed Psychoses.....	3	1	4	2	3	3	1	1	2	1	1	1	1	1	1	1	1	1	6	5
TOTALS 1-22.....	135	214	349	36	58	94	37	51	88	9	6	15	7	15	22	2	2	4	226	346
TOTALS 23-25.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
GRAND TOTALS.....	135	214	349	36	58	94	37	51	88	9	6	15	7	15	22	2	2	4	226	346

With Psychosis

TABLE No. 30 (Cont'd)
DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

DIAGNOSIS	IMPROVED (Concl'd)										UNIMPROVED																
	1-2 YEARS		3-4 YEARS		5 YEARS AND OVER		UNASCERTAINED		TOTAL IMPROVED		0-5 MONTHS		6-11 MONTHS		1-2 YEARS		3-4 YEARS										
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.									
01. With Syphilitic Meningo-Encephalitis.....	5	2	7	1	1	2	2	...	...	...	...	...	...	...	...	...	...	...	...
02. With Other Forms of Syphilis.....	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
03. With Epidemic Encephalitis.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
04. With Other Infectious Diseases.....	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
05. Alcoholic Psychoses.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
06a. Due to Opium and Other Drugs.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
06b. Due to Other Exogenous Toxins.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
07. Traumatic Psychoses.....	2	4	6	1	...	1	3	1	4	...	...	...	...	...	...	...	...	...	...
08. With Cerebral Arteriosclerosis.....	2	3	5	1	1	2	1	3	4	...	...	...	...	...	...	...	...	...	...
09. With Other Disturbances of Circulation.....	2	1	3	2	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...
10. With Convulsive Disorders (Epilepsy).....	2	8	10	2	3	5	1	2	3	1	1	...	...	...	...	...	...	...	...
11. Senile Psychoses.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. Involutional Psychoses.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Due to Other Metabolic, etc., Diseases.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Due to New Growth.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. With Organic Changes of Nervous System.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Psychoneuroses.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Manic-Depressive Psychoses.....	17	25	42	7	7	14	4	8	12	...	...	...	...	...	...	...	...	...	...
18. Dementia Praecox (Schizophrenia).....	24	29	53	9	12	21	31	16	47	1	1	...	...	...	...	...	...	...	...
19. Paranoia and Paranoid Conditions.....	3	3	3	1	1	2	2	1	3	...	...	...	...	...	...	...	...	...	...
20. With Psychopathic Personality.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. With Mental Deficiency.....	1	2	3	3	...	3	4	1	5	...	...	...	...	...	...	...	...	...	...
22. Undiagnosed Psychoses.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS 1-22.....	61	78	139	26	28	54	50	37	87	1	1	2	352	430	782	30	27	57	6	7	13	8	11	19	6	2	8
TOTALS 23-25.....
GRAND TOTALS.....	61	78	139	26	28	54	50	37	87	1	1	2	352	430	782	30	27	57	6	7	13	8	11	19	6	2	8

WITH PSYCHOSIS

TABLE No. 30 (Concl'd)
DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

DIAGNOSIS	UNIMPROVED (Concl'd)						WITHOUT MENTAL DISORDER						GRAND TOTAL				
	5 YEARS AND OVER		UNASCERTAINED		TOTAL UNIMPROVED		0-5 MONTHS		6 MONTHS AND OVER		TOTAL		M.	F.	T.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				T.	
01. With Syphilitic Meningo-Encephalitis.....	
02. With Other Forms of Syphilis.....	
03. With Epidemic Encephalitis.....	
04. With Other Infectious Diseases.....	
05. Alcoholic Psychoses.....	
06a. Due to Opium and Other Drugs.....	
06b. Due to Other Exogenous Toxins.....	
07. Traumatic Psychoses.....	
08. With Cerebral Arteriosclerosis.....	
09. With Other Disturbances of Circulation.....	
10. With Convulsive Disorders (Epilepsy).....	
11. Senile Psychoses.....	
12. Involutional Psychoses.....	
13. Due to Other Metabolic, etc., Diseases.....	
14. Due to New Growth.....	
15. With Organic Changes of Nervous System.....	
16. Psychoneuroses.....	
17. Manic-Depressive Psychoses.....	
18. Dementia Praecox (Schizophrenia).....	
19. Paranoia and Paranoid Conditions.....	
20. With Psychopathic Personality.....	
21. With Mental Deficiency.....	
22. Undiagnosed Psychoses.....	
TOTALS 1-22.....	6	6	12	56	53	109	634	829	1,463
TOTALS 23-25.....	182	179	361
GRAND TOTALS.....	6	6	12	56	53	109	76	34	110	106	145	251	816	1,008	1,824

With Psychosis

TABLE No. 31 (Cont'd)
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	PSYCHOSES (CONCL'D)						WITHOUT PSYCHOSIS AND PRIMARY BEHAVIOUR DISORDERS	TOTAL
	DEMENTIA PRAECOX (SCHIZOPHRENIA)	PARANOLIA AND PARANOID CONDITIONS	WITH PSYCHOPATHIC PERSONALITY	WITH MENTAL DEFICIENCY	ALL OTHER	M. F. T.		
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	
Infectious and Parasitic Diseases:								
Typhoid and Paratyphoid Fever.....	.....	.....	.....	.....	.....	.....	.....
Measles.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria.....	.....	.....	.....	.....	.....	.....	.....
Influenza.....	.....	.....	.....	.....	.....	.....	.....
Dysentery.....	.....	.....	.....	.....	.....	.....	.....
Tuberculosis of the Respiratory System.....	14	7	21	.....	1	10	2
Other Forms of Tuberculosis.....	3	3	.....	.....	.....	6	3
Syphilis.....	.....	.....	.....	.....	.....	.....	.....
Virulent Infection, Septicaemia.....	1	1	2	.....	.....	.....	.....
Other Infectious and Parasitic Diseases.....	.....	.....	.....	.....	.....	.....	.....
Cancer and Other Tumours:								
Tumours and Other Malignant Tumours.....	3	5	8	.....	2	3	1
Tumours, Non-malignant and Unspecified.....	.....	.....	.....	.....	.....	.....	.....
Rheumatic Diseases, Diseases of Nutrition and of Endocrine Glands and Other General Diseases:								
Acute Rheumatic Fever.....	.....	.....	.....	.....	.....	.....	.....
Chronic Rheumatism and Gout.....	.....	.....	.....	.....	.....	.....	.....
Diabetes Mellitus.....	.....	.....	.....	.....	.....	.....	.....
Diseases of the Thyroid and Parathyroid Glands.....	.....	.....	.....	.....	.....	.....	.....
Other General Diseases.....	.....	.....	.....	.....	.....	.....	.....
Diseases of the Blood and Blood-forming Organs:								
Anæmia.....	4	.....	4	.....	.....	.....	.....
Leukaemias, Alukaemias, and Other Diseases of the Blood and Blood-forming Organs.....	1	2	3	.....	.....	.....	.....
Chrom. Poisonings and Intoxications:								
Alcoholism (Acute or Chronic).....	.....	.....	.....	.....	.....	.....	.....
Other Chronic Poisonings.....	.....	.....	.....	.....	.....	.....	.....
Diseases of the Nervous System and Organs of Special Sense:								
Simple Meningitis.....	.....	.....	.....	.....	.....	.....	.....
Progressive Locomotor Ataxia (Tabes Dorsalis).....	.....	.....	.....	.....	.....	.....	.....
General Haemorrhage, Cerebral Embolism and Thrombosis.....	17	10	27	.....	.....	.....	.....
General Paralysis of the Insane.....	.....	.....	.....	.....	.....	.....	.....
Dementia Praecox and Other Psychoses.....	2	6	8	.....	.....	.....	.....
Epilepsy.....	.....	.....	.....	.....	.....	.....	.....
Other Diseases of the Nervous System.....	2	2	4	.....	.....	.....	.....
Diseases of the Eye, Ear and Their Annexa:								
Pericarditis.....	.....	.....	.....	.....	.....	.....	.....
Acute and Chronic Endocarditis, Valvular Diseases.....	2	2	.....	.....	.....	.....	.....
Diseases of the Myocardium.....	30	36	66	.....	.....	.....	.....

TABLE No. 31 (Cont'd)
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	PSYCHOSES																							
	GENERAL PARESIS		ALCOHOLIC		WITH CEREBRAL ARTERIO-SCLEROSIS		WITH CONVULSIVE DISORDERS (EPILEPSY)		SENILE		INVOLUTIONAL		PSYCHO-NEUROSIS		MANIC-DEPRESSIVE									
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.							
Diseases of the Circulatory System (Concl'd):	2	2																						
Diseases of the Coronary Arteries and Angina Pectoris.....			1		1		1		2		1	1						1	1					
Other Diseases of the Heart.....			2		3																			
Arteriosclerosis.....			7		9		1		2		2	4						1	3					
Other Diseases of the Circulatory System.....	1		8		7		15		3		6	9						1						
Diseases of the Respiratory System:																								
Bronchitis.....																								
Pneumonia (Lobar, Broncho and Unspecified).....	5	3	8		31	25	56		4	4	34	50	84		2	4	6	5	12					
Pleurisy.....																								
Other Diseases of the Respiratory System (Not Tuberculosis).....					1	2	3		1	1	2		1						2					
Diseases of the Digestive System:																								
Ulcer of the Stomach or Duodenum.....																								
Diarrhoea and Enteritis.....																								
Appendicitis.....																								
Hernia, Intestinal Obstruction.....																								
Cirrhosis of the Liver.....																								
Other Diseases of the Liver and Biliary Passages including Biliary Calculi.....																								
Other Diseases of the Digestive System.....																								
Diseases of the Genito-Urinary System:																								
Nephritis.....																								
Other Diseases of the Kidneys and Ureters.....																								
Calculi of the Urinary Passages.....					1				1	1	2	3	2											
Diseases of the Bladder (Tumours Excepted).....																								
Diseases of the Urethra, Urinary Abscess, etc.....																								
Diseases of the Prostate.....																								
Diseases of the Genital Organs, Not Specified as Venereal.....											1		1											
Diseases of Pregnancy, Childbirth and the Puerperal State:																								
Puerperal Septicaemia.....																								
Other Diseases of Pregnancy, Childbirth and Puerperal State.....																								
Diseases of the Skin and Cellular Tissue.....																								
Diseases of the Bones and Organs of Locomotion.....																								
Congenital Malformations.....																								
Senility.....																								
Violent or Accidental Death:																								
Suicide.....																								
Homicide.....																								
Accidental Drowning.....																								
Accidental Burns.....																								
Other Accidents.....																								
Ill-defined Causes of Death.....	1	1																						
GRAND TOTALS.....	48	9	57	2	1	3	112	83	195	13	11	24	106	147	53	12	16	28	2	5	7	37	48	85

TABLE No. 32

DEATHS BY AGE, SEX AND DIAGNOSIS

DIAGNOSIS	AGE GROUP															
	UNDER 10		10-14		15-19		20-24		25-29		30-34		35-39		40-44	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
01. With Syphilitic Meningo-Encephalitis.....
02. With Other Forms of Syphilis.....
03. With Epidemic Encephalitis.....
04. With Other Infectious Diseases.....
05. Alcoholic Psychoses.....
06a. Due to Opium and Other Drugs.....
06b. Due to Other Exogenous Toxins.....
07. Traumatic Psychoses.....
08. With Cerebral Arteriosclerosis.....
09. With Other Disturbances of Circulation.....
10. With Convulsive Disorders (Epilepsy).....
11. Senile Psychoses.....
12. Involutional Psychoses.....
13. Due to Other Metabolic, etc., Diseases.....
14. Due to New Growth.....
15. With Organic Changes of Nervous System.....
16. Psychoneuroses.....
17. Manic-Depressive Psychoses.....
18. Dementia Praecox (Schizophrenia).....
19. Paranoia and Paranoid Conditions.....
20. With Psychopathic Personality.....
21. With Mental Deficiency.....
22. Undiagnosed Psychoses.....
231a. Epileptics Not Psychotic or Feeble-minded.....
231b. Epileptics Who Are Feeble-minded.....
232. Alcoholism.....
233. Drug Addiction.....
234. Mental Deficiency.....
235. Disorders of Personality.....
236. Psychopathic Personality.....
237. Other Non-psychotic Conditions.....
24. Primary Behaviour Disorders.....
25. Without Mental Disorders.....
TOTALS 1-22.....
TOTALS 23-25.....
GRAND TOTALS.....

WITH PSYCHOSIS

WITHOUT PSYCHOSIS

TABLE No. 32 (Concl'd)
DEATHS BY AGE, SEX AND DIAGNOSIS

DIAGNOSIS	AGE GROUP (CONCL'D)												TOTAL										
	45-49		50-54		55-59		60-64		65-69		70 AND OVER		UNASCERTAINED		M.	F.	T.						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.				M.	F.	T.			
01. With Syphilitic Meningo-Encephalitis	7	1	8	15	1	16	10	1	11	3	2	5	1	1	1	2	3	48	9	57			
02. With Other Forms of Syphilis	1	1	1	1	2	1	2	1	2	1	1	1	1	1	1	1	2	4	3	7			
03. With Epidemic Encephalitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2			
04. With Other Infectious Diseases	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3			
05. Alcoholic Psychoses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
06a. Due to Opium and Other Drugs	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
06b. Due to Other Exogenous Toxins	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
07. Traumatic Psychoses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
08. With Cerebral Arteriosclerosis	2	1	3	1	3	4	8	6	14	9	10	19	23	20	43	109	1	112	83	195			
09. With Other Disturbances of Circulation	1	1	1	1	1	1	1	1	1	2	2	4	2	1	3	2	3	18	5	13			
10. With Convulsive Disorders (Epilepsy)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	11	24			
11. Senile Psychoses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	106	147	253			
12. Involutional Psychoses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	16	28			
13. Due to Other Metabolic, etc., Diseases	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	11	20			
14. Due to New Growth	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
15. With Organic Changes of Nervous System	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
16. Psychoneuroses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
17. Manic-Depressive Psychoses	2	4	6	3	5	8	9	4	13	9	11	20	7	7	14	5	7	37	48	85			
18. Dementia Praecox (Schizophrenia)	10	12	22	9	14	23	10	13	23	22	14	36	19	31	50	1	1	114	115	229			
19. Paranoia and Paranoid Conditions	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	9			
20. With Psychopathic Personality	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
21. With Mental Deficiency	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	14	23			
22. Undiagnosed Psychoses	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	6			
231a. Epileptics Not Psychotic or Feeble-minded	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3			
231b. Epileptics Who Are Feeble-minded	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	6	15			
232. Alcoholism	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
233. Drug Addiction	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
234. Mental Deficiency	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	62	32	94			
235. Disorders of Personality	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
236. Psychopathic Personality	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
237. Other Non-psychotic Conditions	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
24. Primary Behaviour Disorders	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
25. Without Mental Disorders	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
TOTALS 1-22	26	23	49	38	41	79	49	27	76	46	57	103	77	64	141	202	225	427	3	3	495	487	982
TOTALS 23-25	1	2	3	1	3	4	3	1	4	3	3	3	9	1	10	4	4	8	75	41	116		
GRAND TOTALS	27	25	52	39	44	83	52	28	80	49	57	106	86	65	151	206	229	435	3	3	570	528	1,098

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 33

DEATHS BY TOTAL DURATION OF HOSPITAL LIFE AND DIAGNOSIS

TOTAL DURATION OF HOSPITAL LIFE

DIAGNOSIS	TOTAL DURATION OF HOSPITAL LIFE																								
	LESS THAN 1 MONTH	1-3 MONTHS	4-7 MONTHS	8-11 MONTHS	1-2 YEARS	3-4 YEARS	5-6 YEARS	7-8 YEARS																	
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.																	
01. With Syphilitic Meningo-Encephalitis.....	7	2	9	4	1	5	2	2	9	1	10	3	3	4	1										
02. With Other Forms of Syphilis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
03. With Epidemic Encephalitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
04. With Other Infectious Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
05. Alcoholic Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06a. Due to Opium and Other Drugs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06b. Due to Other Exogenous Toxins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
07. Traumatic Psychoses.....	26	12	38	4	8	12	18	14	8	7	15	5	5	10	3										
08. With Cerebral Arteriosclerosis.....	1	3	4	2	1	3	4	1	1	1	1	2	2	4	3										
09. With Other Disturbances of Circulation.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
10. With Convulsive Disorders (Epilepsy).....	29	33	62	25	34	59	12	13	25	11	9	20	16	40	6										
11. Senile Psychoses.....	1	1	2	3	2	3	2	1	3	1	3	3	4	3	3										
12. Involutional Psychoses.....	7	3	10	1	1	5	1	1	3	1	3	1	3	3	1										
13. Due to Other Metabolic, etc., Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14. Due to New Growth.....	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1										
15. With Organic Changes of Nervous System.....	1	1	2	1	3	4	1	1	1	1	1	1	1	1	1										
16. Psychoneuroses.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
17. Manic-Depressive Psychoses.....	5	8	13	3	3	6	2	2	4	4	2	2	3	9	12										
18. Dementia, Præcox (Schizophrenia).....	2	2	4	3	3	2	6	6	6	4	3	1	4	7	14										
19. Paranoia and Paranoid Conditions.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20. With Psychopathic Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. With Mental Deficiency.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
22. Undiagnosed Psychoses.....	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1										
231a. Epileptics Not Psychotic or Feeble-minded.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
231b. Epileptics Who Are Feeble-minded.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
232. Alcoholism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
233. Drug Addiction.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
234. Mental Deficiency.....	2	2	4	5	3	8	6	2	8	1	1	12	4	16	3										
235. Disorders of Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
236. Psychopathic Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
237. Other Non-psychotic Conditions.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24. Primary Behaviour Disorders.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25. Without Mental Disorder.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS 1-22.....	83	68	151	73	74	147	43	47	90	27	21	48	56	71	127	47	39	86	32	27	59	28	21	49	
TOTALS 23-25.....	2	2	4	5	6	11	8	2	10	1	1	14	6	20	5	2	7	9	3	12	3	3	6	3	6
GRAND TOTALS.....	85	70	155	78	80	158	51	49	100	28	21	49	70	77	147	52	41	93	41	30	71	31	24	55	31

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 33 (Concl'd)
DEATHS BY TOTAL DURATION OF HOSPITAL LIFE AND DIAGNOSIS

DIAGNOSIS	TOTAL DURATION OF HOSPITAL LIFE (Concl'd)												TOTAL								
	9-10 YEARS		11-12 YEARS		13-14 YEARS		15-19 YEARS		20 YEARS AND OVER		UNASCERTAINED										
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		M.	F.	T.					
01. With Syphilitic Meningo-Encephalitis.....	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	48	9	57			
02. With Other Forms of Syphilis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	3	7
03. With Epidemic Encephalitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	2
04. With Other Infectious Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	3
05. Alcoholic Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06a. Due to Opium and Other Drugs.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
06b. Due to Other Exogenous Toxins.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
07. Traumatic Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
08. With Cerebral Arteriosclerosis.....	3	1	4	1	1	1	1	1	1	1	1	1	1	1	1	112	83	195			
09. With Other Disturbances of Circulation.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	5	13
10. With Convulsive Disorders (Epilepsy).....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	11	24			
11. Senile Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	106	147	253
12. Involutional Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	16	28
13. Due to Other Metabolic, etc., Diseases.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	11	20
14. Due to New Growth.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3			
15. With Organic Changes of Nervous System.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16. Psychoneuroses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17. Manic-Depressive Psychoses.....	4	4	1	3	4	1	2	3	1	3	1	3	4	7	.....	.....	.....	.....
18. Dementia Praecox (Schizophrenia).....	6	9	15	6	6	12	4	3	7	10	17	45	50	95	.....	.....	.....	.....
19. Paranoia and Paranoid Conditions.....	1	1	2	1	1	1	1	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....
20. With Psychopathic Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. With Mental Deficiency.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22. Undiagnosed Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
231a. Epileptics Not Psychotic or Feeble-minded.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
231b. Epileptics Who Are Feeble-minded.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
232. Alcoholism.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
233. Drug Addiction.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
234. Mental Deficiency.....	1	1	2	4	2	6	1	4	5	2	1	13	6	10	.....	.....	.....	.....
235. Disorders of Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
236. Psychopathic Personality.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
237. Other Non-psychotic Conditions.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24. Primary Behaviour Disorders.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25. Without Mental Disorder.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS 1-22.....	17	13	30	13	16	29	8	5	13	11	19	30	56	66	122	1	1	495	487	982
TOTALS 23-25.....	4	1	5	5	2	7	2	6	8	3	2	5	13	6	19	1	1	75	41	116
GRAND TOTALS.....	21	14	35	18	18	36	10	11	21	14	21	35	69	72	141	2	2	570	528	1,098

WITH PSYCHOSES

WITHOUT PSYCHOSES

TABLE No. 34
GENERAL STATISTICS—Year Ending March 31, 1944

HOSPITAL	DATE HOSPITAL OPENED	ACREAGE		ACRES IN FRUIT AND VEGETABLES	ACRES IN GRAIN	ACRES IN BUILDINGS AND GROUNDS	ACRES IN BUSH OR NOT CULTIVATED
		OWNED	RENTED				
Brockville.....	1894	569	.....	40	369	35	125
Cobourg.....	1901	12	.....	4	.....	8	.....
Fort William.....	1936	1,250	.....	25	500	25	700
Hamilton.....	1876	525	.....	112	339	74	.....
Kingston.....	1854	258	175	30	337	66	.....
Langstaff.....	1939	175	990	179	865	25	96
London.....	1870	505	.....	197	160	110	38
New Toronto.....	1890	136	.....	60	5	65	6
Orillia.....	1876	500	120	98	220	100	202
Penetang.....	1904	383	.....	78	31	25	249
Toronto.....	1846	20	.....	3	.....	17	.....
Whitby.....	1920	640	100	125	365	150	100
Woodstock.....	1906	354	.....	29	195	90	40
ALL HOSPITALS.....	.....	5,327	1,385	980	3,386	790	1,556

TABLE No. 35
CLASSIFICATION OF STAFF BY HOSPITAL—Year Ending March 31, 1944

HOSPITAL	TOTAL STAFF	SUPERINTENDENT	PHYSICIANS (NOT ON WARD DUTY)	PHYSICIANS (ON WARD DUTY)	MEDICAL CONSULTANTS	PSYCHOLOGISTS AND PSYCHOMETRISTS	PATHOLOGISTS	OCCUPATIONAL THERAPISTS	DENTISTS	DIETITIANS	TEACHERS	INSTRUCTORS	SOCIAL SERVICE WORKERS	SUPERINTENDENT OF NURSES	GRADUATE NURSES (NOT ON WARD DUTY)	GRADUATE NURSES (ON WARD DUTY)	NURSES-IN-TRAINING (NOT ON WARD DUTY)	NURSES-IN-TRAINING (ON WARD DUTY)
Brockville.....	230	1	1	3	1	1	.....	1	1	.....	.....	.....	.....	1	2	42	10	13
Cobourg.....	67	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	27	.....	.....
Fort William.....	30	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton.....	276	1	1	4	5	1	.....	3	.....	1	.....	2	1	1	3	53	.....	15
Kingston.....	216	1	2	2	1	.....	1	3	1	1	.....	1	1	1	2	22	.....	11
Langstaff.....	84	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
London.....	388	1	.....	9*	2	1	.....	4	1	1	.....	.....	.....	1	4	59	15	27
New Toronto.....	260	1	1	4	4	.....	.....	4	1	1	.....	2	1	1	.....	53	20	18
Orillia.....	271	1	.....	2	.....	1	.....	.....	1	1	9	2	1	1	1	23	.....	7
Penetang.....	148	1	.....	1	.....	.....	.....	1	1	.....	1	.....	.....	1	.....	9	.....	.....
Toronto.....	285	1	.....	5	4	.....	.....	5	1	1	.....	.....	1	1	2	63	.....	.....
Whitby.....	305	1	1	5	.....	.....	.....	.....	1	1	.....	.....	1	1	5	54	9	10
Woodstock.....	300	1	1	6	.....	.....	3	2	1	2	.....	.....	.....	1	3	52	.....	.....
ALL HOSPITALS.....	2 810	13	7	42	17	4	4	24	11	9	10	7	7	11	24	457	54	101

*Includes 4 medical internes.

TABLE No. 35 (Concl'd)
CLASSIFICATION OF STAFF BY HOSPITAL—Year Ending March 31, 1944

HOSPITAL	NURSE ATTENDANTS (NOT ON WARD DUTY)	NURSE ATTENDANTS (ON WARD DUTY)	CHIEF ATTENDANT	ATTENDANTS (NOT ON WARD DUTY)	ATTENDANTS (ON WARD DUTY)	STEWARDS, STOCK- KEEPER AND STORE ATTENDANTS	CLERICAL AND STENOGRAPHIC STAFF		KITCHEN AND DINING ROOM HELP		LAUNDRY HELP		OTHER DOMESTIC HELP	FARMERS, GARDENERS AND ASSISTANTS	ENGINEERS AND OTHER MECH. HELP	OTHER MALE HELP	OTHER FEMALE HELP
							M.	F.	M.	F.	M.	F.						M.	F.
Brockville.....	.....	9	1	1	76	3	4	7	3	5	1	5	8	8	17	3	2
Cobourg.....	.....	7	.....	1	.....	2	.....	3	.....	4	.....	2	2	1	7	5	1
Fort William.....	.....	.....	.....	.....	.....	1	.....	1	1	3	1	.....	.....	3	1	15	.....
Hamilton.....	.....	13	2	7	82	3	2	8	12	4	7	2	2	17	12	9	3
Kingston.....	1	16	1	15	75	3	1	6	6	.....	1	4	9	5	20	2	1
Langstaff.....	.....	.....	1	.....	50	2	1	1	1	2	1	.....	1	15	8	.....	.....
London.....	45	27	1	2	103	3	2	7	3	19	3	6	8	12	18	2	2
New Toronto.....	.....	18	1	1	66	3	1	11	4	6	2	5	1	6	17	3	4
Orillia.....	6	50	1	4	66	4	3	11	8	15	2	5	1	12	20	9	4
Penetang.....	.....	19	1	.....	76	2	.....	2	2	6	1	3	1	5	7	6	2
Toronto.....	2	25	1	.....	64	3	1	5	4	4	2	7	8	1	15	6	3
Whitby.....	1	23	1	9	102	4	3	9	5	10	2	5	3	13	22	2	1
Woodstock.....	4	36	1	7	96	3	.....	14	9	20	3	4	.....	7	16	6	2
ALL HOSPITALS.....	59	243	12	47	856	36	18	85	58	98	26	48	44	105	180	68	25

TABLE No. 36—EXPENDITURE REPORTED BY ONTARIO HOSPITALS—April 1, 1943, to March 31, 1944

HOSPITALS:	ALL HOSPITALS	BROCKVILLE	COBURN	FORT WILLIAM	HAMILTON	KINGSTON	LANGSTAFF
Total Days' Stay.....	5,412,902	431,369	163,428	33,062	557,052	428,541	154,422
Average Daily Population.....	14,771	1,172	447	90	1,522	1,174	421
Medicines*.....	\$118,615.18	\$ 6,299.25	\$ 2,778.29	\$ 1,120.35	\$ 14,140.96	\$ 7,011.93	\$ 3,570.61
Provisions.....	1,021,617.95	83,673.94	26,623.14	7,590.41	102,286.06	78,351.70	37,167.01
Boarding Out.....	132,862.79	7,771.47	411.48	.....	4,865.39	13,801.95	22.86
Fuel, Light and Water.....	484,705.08	32,054.43	20,812.76	4,732.56	57,609.46	48,596.56	12,110.97
Clothing.....	152,248.92	8,089.72	6,176.94	1,598.24	15,190.19	10,557.95	5,508.23
Laundry and Cleaning.....	91,782.40	6,130.23	4,119.01	1,012.63	15,090.36	9,829.27	2,518.07
Furniture and Furnishings.....	433,656.63	10,922.18	3,672.12	934.16	14,786.60	5,829.27	1,056.07
Office Expense.....	26,152.99	1,929.15	891.43	2,180.70	3,455.29	1,977.76	1,141.62
Allowances†.....	156,406.05	12,868.73	8,420.75	2,891.72	22,391.43	12,978.10	5,466.47
Feed, Fodder and Livestock.....	212,347.25	17,842.16	3,490.90	6,695.10	29,981.73	11,901.61	33,819.91
Farm Expense.....	65,659.58	7,032.32	308.45	3,214.47	6,118.90	5,929.85	4,438.62
Contingencies.....	67,963.14	4,438.32	1,287.97	6,993.96	8,229.81	3,829.81	12,128.68
Salaries.....	3,224,921.93	258,391.76	88,158.62	35,600.85	341,700.56	287,459.22	80,542.43
TOTAL GROSS.....	\$5,888,939.89	\$457,444.66	\$164,886.61	\$ 66,396.19	\$628,785.89	\$494,547.65	\$204,591.55
Less Recoveries.....	2,013,686.20	157,895.88	26,917.35	31,936.78	239,515.93	118,981.13	110,146.41
TOTAL NET.....	\$3,875,253.69	\$299,548.78	\$137,969.26	\$ 34,459.41	\$389,269.96	\$375,566.52	\$ 94,445.14
Repairs to Building Expense.....	108,240.08	5,858.43	3,964.03	1,161.53	19,286.10	12,185.66	4,917.06
TOTALS.....	\$3,983,493.77	\$305,497.21	\$141,933.89	\$ 36,292.94	\$408,556.06	\$387,752.15	\$ 99,362.20

HOSPITALS:	LONDON	NEW TORONTO	ORILLIA	PENETANG	TORONTO	WHITBY	WOODSTOCK
Total Days' Stay.....	590,079	529,012	772,473	229,599	465,084	627,726	431,062
Average Daily Population.....	1,612	1,426	2,111	627	1,270	1,715	1,177
Medicines*.....	\$ 14,447.18	\$ 9,989.62	\$ 10,606.78	\$ 6,111.31	\$ 14,104.14	\$ 12,132.11	\$ 16,302.65
Provisions.....	105,621.62	90,238.94	120,113.04	46,831.13	102,086.14	116,234.73	105,300.09
Boarding Out.....	17,338.48	23,186.07	26,151.35	6,120.21	8,163.45	24,069.05	961.03
Fuel, Light and Water.....	53,196.19	42,758.71	55,153.60	27,891.44	23,145.09	58,820.87	47,822.44
Clothing.....	18,582.73	17,670.37	27,161.10	7,766.07	11,367.52	12,880.98	9,608.88
Laundry and Cleaning.....	10,897.67	9,037.89	11,564.16	3,352.65	7,420.80	11,131.76	8,990.33
Furniture and Furnishings.....	17,056.10	14,782.72	25,467.63	3,342.52	12,760.70	15,514.48	7,502.08
Office Expense.....	2,420.41	2,749.65	2,481.98	9,972.58	1,921.85	2,395.10	3,368.34
Allowances†.....	15,247.78	14,648.90	15,335.23	9,372.58	11,709.18	21,402.63	3,783.60
Feed, Fodder and Livestock.....	16,933.34	19,111.70	28,044.76	12,295.14	4,833.19	21,435.52	11,245.38
Farm Expense.....	5,554.69	5,419.68	7,877.68	2,445.80	1,833.19	7,329.94	4,832.32
Contingencies.....	5,364.15	6,336.60	5,797.51	2,411.13	4,183.19	6,091.85	6,927.22
Salaries.....	369,626.35	274,566.97	312,601.50	177,223.57	271,729.05	359,025.74	368,295.31
TOTAL GROSS.....	\$652,286.69	\$530,517.82	\$648,359.32	\$306,251.61	\$468,737.47	\$671,194.76	\$594,939.67
Less Recoveries.....	218,028.29	191,618.76	166,829.70	76,986.57	105,573.59	369,791.58	199,554.23
TOTAL NET.....	\$434,258.40	\$338,899.06	\$481,529.62	\$229,265.04	\$363,163.88	\$301,403.18	\$395,385.44
Repairs to Building Expense.....	13,917.94	2,853.37	11,866.76	4,903.41	7,024.77	10,693.11	8,607.34
TOTALS.....	\$448,176.34	\$341,752.43	\$493,396.38	\$234,168.45	\$370,188.65	\$312,096.29	\$403,992.78

*Medicines include tobacco. †Allowances include employees' meals, employees' uniforms and employees' other allowances.
 ‡Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

TABLE No. 37
COST PER PATIENT PER DAY BY HOSPITAL

ITEMS	TOTAL	BROCKVILLE	COBOURG	FORT WILLIAM	HAMILTON	KINGSTON	LANGSTAFF	LONDON	NEW TORONTO	ORILLIA	PENITANG	TORONTO	WHITBY	WOODSTOCK
	CENTS	CENTS	CENTS	CENTS	CENTS	CENTS	CENTS	CENTS	CENTS	CENTS	CENTS	CENTS	CENTS	CENTS
Medicines*	30.72	1.45	1.70	3.39	2.53	1.64	2.32	3.05	1.89	1.37	2.66	3.03	1.92	3.77
Provisions.....	253.03	19.40	16.30	22.96	18.37	18.28	24.06	17.70	17.06	15.53	20.17	20.19	18.58	24.43
Boarded Out Patients.....	25.03	1.80	.25	.....	.87	3.22	.01	2.61	4.38	3.39	2.67	1.76	3.85	.22
Fuel, Light and Water.....	128.73	7.43	12.73	14.31	10.34	11.34	7.84	11.30	8.08	7.14	12.14	4.98	9.41	11.09
Clothing.....	38.92	1.88	3.77	4.83	2.73	2.47	3.63	2.63	3.34	3.52	3.38	2.45	2.06	2.23
Laundry and Cleaning.....	23.45	1.42	2.52	3.06	1.67	1.48	1.63	1.54	1.71	1.50	1.46	1.60	1.78	2.08
Furniture and Furnishings.....	30.25	2.53	2.25	2.83	2.65	1.36	.68	3.42	2.79	3.30	1.46	2.75	2.49	1.74
Office Expenses.....	7.38	.45	.55	1.30	.62	.46	.74	.41	.52	.32	.43	.42	.38	.78
Allowance†.....	43.83	2.98	5.15	6.60	4.02	3.03	3.54	2.60	2.77	1.99	4.30	2.52	3.42	.91
Feed, Fodder and Livestock.....	77.61	4.14	.21	20.25	5.38	2.77	21.90	3.04	3.61	3.63	5.63	.....	4.03	3.02
Farm Expense.....	27.03	1.63	.19	9.72	1.10	1.38	6.12	1.46	1.03	1.02	1.06	.03	1.17	1.12
Contingencies.....	23.67	1.03	1.33	3.89	1.26	.89	7.85	.94	1.20	.76	1.05	.90	.97	1.60
Salaries.....	835.33	59.90	53.94	107.67	61.34	67.07	52.16	62.64	51.90	40.47	77.19	58.42	57.19	85.44
TOTAL GROSS PER DIEM.....	108.79	106.04	100.89	200.81	112.88	115.39	132.48	113.94	100.28	83.94	133.60	99.05	107.25	138.43
Less Recoveries‡.....	37.20	36.58	16.47	96.59	43.00	27.76	71.32	36.94	36.21	21.59	33.52	22.69	58.90	46.29
TOTAL NET PER DIEM.....	71.59	69.46	84.42	104.22	69.88	87.63	61.16	77.00	64.07	62.35	100.08	76.36	48.35	92.14
Repairs to Building Expense.....	2.00	1.36	2.42	7.50	3.46	2.80	3.99	2.27	2.80	1.53	2.13	1.51	1.70	1.99
TOTALS.....	73.59	70.82	86.84	111.72	73.34	90.43	65.15	79.27	66.87	63.88	102.21	77.87	50.05	94.13

*Medicines include tobacco.

†Allowances include employees' meals, employees' uniforms and employees' other allowances.

‡Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

TABLE No. 38
ANNUAL DENTAL REPORT—ONTARIO HOSPITALS—Year Ending March 31, 1944

	TOTAL	BROCK- VILLE	COBURN	FORT WILLIAM	HAMIL- TON	KING- STON	LANG- STAFF	LONDON	NEW TORONTO	ORILLIA	PENETANG	TORONTO	WHITBY	WOOD- STOCK
Patients at Clinic.....	25,069	2,359	1,161	277	2,268	1,390	368	2,449	2,612	3,697	1,081	1,969	2,317	3,121
Examinations only.....	9,409	912	402	153	714	335	3	1,164	2,105	1,665	94	475	993	394
Patients Treated.....	12,785	345	761	190	1,659	596	.....	1,290	2,135	2,032	951	.....	.....	2,826
Patients X-rayed.....	1,522	92	98	.....	131	26	.....	145	250	141	25	74	201	339
Number of Pictures Taken.....	13,285	791	1,180	.....	923	203	.....	1,926	2,244	1,051	.....	786	1,618	2,553
Extractions.....	6,557	481	209	146	543	345	51	729	685	1,402	591	269	420	686
General Anaesthetics.....	3	.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Local Anaesthetics.....	4,638	452	142	51	459	358	39	479	482	650	353	148	349	676
Fillings.....	6,898	648	344	36	569	386	180	831	432	1,341	160	533	836	602
Pyorrhoea Treatments.....	2,332	12	48	10	75	361	.....	.....	1,143	235	.....	48	392	8
Prophylaxis.....	4,859	529	223	104	270	553	277	483	136	191	333	708	355	697
Other Treatments.....	4,168	81	89	2	169	433	.....	290	1,602	287	13	188	265	748
Replacements.....	220	8	22	.....	17	5	.....	63	18	2	.....	22	20	43
Dentures Repaired.....	362	30	18	9	43	21	2	41	31	1	30	41	28	67

TABLE No. 39
LABORATORY AND PATHOLOGICAL REPORT

PROCEDURES	TOTAL	BROCKVILLE	COUPOURG	FORT WILLIAM	HAMILTON	KINGSTON	LONDON	NEW TORONTO	ORILLIA	PENETANG	TORONTO	WHITBY	WOODSTOCK	PSYCHIATRIC
Urinalysis:														
Chemical.....	12,030	788	160	79	3,398	742	981	998	847	173	1,259	1,304	660	641
Microscopic.....	6,913	208	4	.....	1,463	481	.....	763	399	12	1,143	1,149	650	641
Other Procedures.....	3,489	.....	93	.....	2,244	.....	.....	426	289	.....	3	.....	333	1
Blood Examinations:														
White Cell Counts.....	4,929	214	1	.....	848	171	692	840	379	5	512	299	357	611
Red Cell Counts.....	3,963	233	.....	.....	3,663	195	643	812	363	2	473	230	396	55
Differential Counts.....	877	5	.....	.....	36	30	60	446	37	.....	45	55	138	25
Haemoglobin Estimations.....	4,854	239	172	.....	573	216	645	830	383	16	527	231	417	605
Chemical Estimations.....	960	3	.....	.....	48	64	.....	24	.....	1	430	51	7	103
Blood Cultures.....	189	.....	2	.....	32	3	63	9	.....	2	36	30	1	11
Blood Sugars.....	1,105	14	.....	.....	121	55	462	46	1	3	265	82	12	44
Glucose Tolerance Tests.....	28	.....	.....	.....	23	.....	.....	.....	.....	.....	.....	.....	.....	5
Widal and B. Abortus Agglutinations.....	491	.....	.....	.....	22	1	450	17	.....	1	.....	.....	47	541
Wasserman s.....	3,201	.....	172	49	634	427	95	352	.....	36	579	269	336	186
Kahn s.....	2,367	.....	.....	49	75	296	805	159	.....	.....	156	269	.....	.....
Presumptive Kahn s.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spinal Fluid Examinations:														
Cell Counts.....	658	.....	.....	13	.....	34	330	49	.....	.....	115	42	66	9
Globulin Tests.....	575	.....	1	13	.....	33	330	1	.....	.....	115	42	69	4
Colloidal Gold and Masties.....	610	.....	1	13	.....	33	330	3	.....	.....	115	42	69	4
Wasserman s.....	749	.....	4	13	98	33	330	3	.....	1	115	42	69	4
Kahn s.....	606	.....	.....	13	.....	33	325	6	.....	.....	115	42	68	4
Sputum Examinations.....	9,740	611	10	180	1,720	421	318	294	.....	12	912	231	4,811	220
Throat Swabs.....	109	.....	5	.....	20	17	30	34	.....	2	8	23	13	.....
Faecal Examinations.....	464	.....	2	.....	9	4	44	361	.....	.....	.....	16	2	.....
Gastric Analysis.....	8	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....
Basal Metabolism.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tissue Examinations:														
Surgical.....	65	.....	.....	.....	1	5	50	6	.....	.....	.....	.....	3	.....
Post-mortem.....	36	.....	.....	1	.....	1	22	.....	.....	.....	.....	.....	1	10
Autopsies.....	2,998	.....	29	28	.....	.....	1,241	.....	.....	1	.....	1,286	401	.....
Other Tests (Not Listed).....	11,500	118	78	57	44	414	315	36	554	141	7,895	24	1,795	29
TOTAL PROCEDURES.....	73,530	2,433	734	508	11,975	3,679	8,790	6,553	3,252	450	14,819	5,763	10,821	3,753

TABLE No. 40
 REPORT OF WORK BY ONTARIO HOSPITALS' CHEST CLINIC—For Fiscal Year Ending March 31, 1944

	TORONTO PSYCHIATRIC		BROCKVILLE		COBOURG		FORT WILLIAM		HAMILTON		KINGSTON		LONDON		NEW TORONTO		ORILLIA	
	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS
Number of Individuals Considered.....	125	472	301	1,315	96	445	43	132	424	1,940	387	1,325	537	1,953	340	1,493	317	2,099
Number of Chest Examinations Performed.....	5	.....	14	20	4	13	.....	.....	5	38	13	64	15	48	12	40	8	41
Number of Chest X-rays Interpreted.....	156	486	460	1,471	158	474	47	139	590	2,168	527	1,487	736	2,176	451	1,655	427	1,248
Number of Tuberculin Tests Performed.....	54	.....	172	7	43	3	16	.....	214	8	177	6	230	14	146	6	206	1,142
Number of Cases Advised for Treatment (Active Disease).....	.....	.....	.....	5	.....	2	.....	.....	.....	12	.....	14	1	11	.....	8	1	5
Number of Cases Advised for Investigation in Hospitals. Staff Merely Repeat X-rays. Patients Segregated While Investigated.....	13	74	42	131	23	32	2	15	71	203	58	166	65	225	48	156	53	79
Total Number of Cases Showing Significant Pulmonary Tuberculosis.....	8	7	10	141	1	40	.....	4	15	148	14	157	19	164	11	138	11	100

	PENETANG		TORONTO		WHITBY		WOODSTOCK		LANGSTAFF		T.B. UNIT		COLONY HOUSES		TOTALS		GRAND TOTALS	
	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS	STAFF	PA-TIENTS
Number of Individuals Considered.....	180	643	298	1,621	401	1,874	397	710	116	404	.....	677	7	57	3,969	17,160	21,129
Number of Chest Examinations Performed.....	4	7	8	56	26	48	42	6	.....	14	.....	1,354	.....	.....	150	1,749	1,899
Number of Chest X-rays Interpreted.....	201	675	401	1,902	422	1,930	1,069	797	110	450	.....	1,354	7	57	5,762	18,469	24,231
Number of Tuberculin Tests Performed.....	94	4	133	6	220	9	205	2	68	5	.....	2	.....	.....	1,978	1,214	3,192
Number of Cases Advised for Treatment (Active Disease).....	.....	2	1	10	.....	1	1	.....	.....	1	.....	.....	.....	.....	4	73	77
Number of Cases Advised for Investigation in Hospitals. Staff Merely Repeat X-rays. Patients Segregated While Investigated.....	27	55	33	230	40	194	71	68	15	32	.....	.....	.....	.....	561	1,660	2,221
Total Number of Cases Showing Significant Pulmonary Tuberculosis.....	8	100	9	127	21	138	22	31	3	38	.....	.....	.....	.....	155	1,333	1,488

**MOVEMENT OF PATIENT POPULATION
PSYCHIATRIC HOSPITAL, TORONTO
Year Ending March 31, 1944**

TABLE No. 41

POPULATION	MALE	FEMALE	TOTAL
1. Patients in Residence, April 1, 1943.....	23	36	59
2. Patients Admitted During the Year			
First Admissions.....	176	265	441
Readmissions.....	46	63	109
Total Admissions.....	222	328	550
3. Total Patients Under Care During Year.....	245	364	609
4. Discharged from Books During Year:			
Discharged as Recovered.....	.....	.....	.....
Discharged as Improved.....	74	149	223
Discharged as Unimproved.....	13	13	26
Returned to Court.....	34	21	55
Other (M.H.A.).....	10	17	27
Total Discharged.....	131	200	331
Deaths.....	6	4	10
Transfers.....	78	123	201
Patients Discharged from Books.....	215	327	542
5. Patients in Residence, March 31, 1944.....	29	37	66
6. Daily Average Population in Residence.....	34.1	24.5	59.6
7. Normal Capacity of Institution.....	40	40	80
8. Patients Examined at Mental Health Clinic.....	752	874	1,626

MENTAL HEALTH CLINICS

L. S. PENROSE, M.D., Consultant Psychologist

The returns for the year ending March 31, 1944 show that 3,018 new cases were seen by the Mental Health Clinics, a slight increase in number as compared with 2,741 for the previous year. Table 1 shows the numbers of cases seen at each of the 5 centres.

The referring agencies of the new cases are shown in Table 2. There was a marked increase this year in number of cases referred by the Children's Aid Society, namely 642 in 1944 against 488 in 1943.

The sex distribution of new cases in 1944, shown in Table 3, remains much the same as in the previous year.

The age distribution, given in Table 4, indicates that now nearly half the new cases, (46.45 per cent) are below the age of 14 years.

The types of problems presented are classified in Table 5 and the intelligence grades of new cases are given in Table 6. No striking changes are noted as compared with last year's returns: 17.46 per cent of the cases in 1944 were referred for juvenile delinquency as compared with 16.34 per cent in 1943.

Classification of cases by diagnosis is given in Table 7 and the treatments recommended are set out in Table 8. The proportion of cases diagnosed neurotic has reached a new minimum of 180 cases or 8.40 per cent of all cases diagnosed. Individual psychotherapy was recommended for 204 new patients.

TABLE No. 1
CASE LOAD—Year Ending March 31, 1944

CLINICS	CURRENT YEAR		
	NUMBER OF NEW CASES	NUMBER OF CASE CONTACTS*	ALL YEARS
Brockville.....	612	2,367	6,760
Hamilton.....	775	3,592	8,327
Kingston.....	446	1,249	4,945
London.....	501	1,127	8,460
Toronto Psychiatric.....	684	Not available	9,246
TOTALS.....	3,018	8,335	37,738

*Any contact made by any one member of the clinic staff and includes all the new cases.

In the tables No. 2 to No. 8 all cases examined at the Toronto Psychiatric Out-Patient Clinic are excluded.

Only 583 (cases seen only at the Clinic Centres and Local Clinic) of the 775 new cases seen by the Hamilton Clinic are included in the following tables.

TABLE No. 2
NEW CASES BY REFERRING AGENCY

REFERRING AGENCY	NUMBER OF CASES	PER CENT
Welfare Agencies.....	717	33.47
—Relief Agencies.....	12	.56
—Mother's Allowance Commission.....	6	.28
—Children's Aid Society.....	642	29.97
—Other Agencies.....	57	2.66
Medical Agencies.....	874	40.80
—Family Physician.....	528	24.65
—School Medical Services.....	130	6.07
—General Hospitals.....	81	3.78
—Mental Hospitals.....	49	2.29
—Other Health Agencies.....	86	4.01
Educational Agencies.....	87	4.06
Courts.....	359	16.76
—Adult.....	106	4.95
—Juvenile.....	253	11.81
Family.....	53	2.48
Self.....	22	1.03
Other.....	30	1.40
TOTALS.....	2,142	100.00

TABLE No. 3
NEW CASES BY SEX

SEX	NUMBER	PER CENT
Male.....	1,174	54.81
Female.....	968	45.19
BOTH SEXES.....	2,142	100.00

TABLE No. 4
NEW CASES BY AGE

AGE GROUPS (YEARS)	NUMBER OF CASES*	PER CENT
0-5.....	274	12.79
6-13.....	721	33.66
14-21.....	428	19.98
22 and Over.....	706	32.96
Not Stated.....	13	.61
TOTALS.....	2,142	100.00

TABLE No. 5
FREQUENCY OF CERTAIN SPECIFIC PROBLEMS

PROBLEM	NUMBER OF CASES	PER CENT
Suspected Mental Illness	561	26.19
Suspected Mental Defect*.....	310	14.47
Convulsive Disorders	79	3.69
Probation Supervision.....	21	.98
Boarding Home Supervision.....	.....	.....
Juvenile Delinquency.....	374	17.46
Child Training†.....	188	8.78
Adult Adjustment.....	106	4.95
Estimation of Intelligence.....	238	11.11
Vocational Advice.....	6	.28
Other Problems.....	259	12.09
TOTALS.....	2,142	100.00

*Includes school retardation.

†Other than delinquency.

TABLE No. 6
NEW CASES BY INTELLIGENCE GRADE

INTELLIGENCE GRADE	NUMBER OF CASES	PER CENT
Superior.....	123	5.74
Normal.....	632	29.51
Undiagnosed.....	531	24.79
Dull Normal.....	253	11.81
Borderline.....	174	8.12
Moron.....	222	10.36
Imbecile.....	89	4.16
Idiot.....	22	1.03
Defective Unspecified.....	96	4.48
TOTALS.....	2,142	100.00

TABLE No. 7
FREQUENCY OF CERTAIN SPECIFIC PSYCHIATRIC CONDITIONS

PSYCHIATRIC CONDITION	NUMBER OF CASES	PER CENT
Neuroses.....	180	8.40
Schizophrenia.....	81	3.78
Manic Depressive.....	62	2.90
Senile Dementia.....	26	1.21
Psychosis with Arteriosclerosis	48	2.24
General Paresis	9	.42
Involuntional Melancholia	23	1.07
Other Psychoses.....	53	2.48
Psychopathic Personality.....	27	1.26
Epilepsy.....	70	3.27
Alcoholism	8	.37
Drug Addiction.....	2	.09
Mental Defect.....	239	11.16
Miscellaneous.....	1,314	61.35
TOTALS.....	2,142	100.00

TABLE No. 8
FREQUENCY OF CERTAIN TREATMENTS RECOMMENDED

TREATMENTS RECOMMENDED	NUMBER RECEIVING TREATMENTS
Individual Psychotherapy.....	204
School Adjustment.....	141
Habit Training.....	131
Home Adjustment—Other than Habit Training.....	317
Vocational Adjustment.....	83
Foster Home Care.....	156
Physical Care.....	
—Medication.....	99
—Other.....	145
Institutional Care.....	
—Ontario Hospital—Orillia.....	24
—Other Ontario Hospitals.....	187
—Bowmanville Boys' Training School.....	7
—Other Training Schools.....	51
—Other Institutions.....	51
No Treatment Specified.....	546

SUPPLEMENTARY STATISTICAL TABLES ON THE ONTARIO HOSPITAL, WOODSTOCK

TABLE A

FIRST ADMISSIONS BY AGE, SEX AND MENTAL STATUS
April 1, 1943, to March 31, 1944

PRESENT AGE	NORMAL			DULL NORMAL OR BORDERLINE			MORON			IMBECILE			IDIOT			UNASCERTAINED			TOTAL					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
Under 10 Years.....										1		1										1		1
10-14.....		1	1	1		1	1	1	2	1	1	2		1	1							3	4	7
15-19.....	1	3	4	5	4	9	2	3	5	3	1	4		1	1							11	12	23
20-24.....	5	2	7	3	3	6		1	1	2		2										10	6	16
25-29.....	1		1	2	1	3					1	1	1		1		1	1		4	3	7	8	8
30-34.....	4	1	5	1	1	2											1	1		5	3	8	7	7
35-39.....	1		1					1	1											1	1	2	2	2
40-44.....	1	1	2		1	1		1	1								1	1		1	4	5	5	5
45-49.....																								
50-54.....		1	1		1	1										1		1		1	2	3	3	3
55-59.....					1	1														1	1	2	2	2
60-64.....																1	1	2		1	1	2	2	2
65-69.....																								
70-74.....																1		1		1	1	2	2	2
75-79.....																								
80 and Over.....																								
Not Stated.....																								
ALL AGES.....	13	9	22	12	12	24	3	7	10	7	3	10	1	2	3	3	4	7	39	37	76	76	76	76

TABLE B

FIRST ADMISSIONS BY EPILEPTIC GROUPS AND TYPES OF SEIZURE

TYPE OF SEIZURE	SYMPTOMATIC									IDIOPATHIC	NOT EPILEPTIC AND UN- CLASSIFIED	TOTAL						
	TOXAEMIC						DUE TO BRAIN DISEASE											
	EXOGENOUS			ENDOGENOUS														
	M.	F.	T.	M.	F.	T.	M.	F.	T.						M.	F.	T.	M.	F.	T.	M.	F.	T.
Petit Mal.....							1		1	1		1				2		2
Grand Mal.....	1		1				2		2	4	2	6				7	2	9
Petit and/or Grand Mal.....					1	1	4	11	15	19	19	38				23	31	54
Petit and/or Grand Mal with Post-epileptic States.....										2		2				2		2
Petit and/or Grand Mal with Psychic Equivalents.....										1	1	2				1	1	2
Petit and/or Grand Mal with Hysteroid.....											1	1					1	1
Jacksonian.....								1	1								1	1
Psychic Equivalent.....																		
Not Epileptic; Hysteroid and Unclassified.....													4	1	5	4	1	5
TOTALS.....	1		1	1	1	1	7	12	19	27	13	40	4	1	5	39	37	76

TABLE C
FIRST ADMISSIONS BY DURATION OF EPILEPSY BEFORE ADMISSION
AND BY EPILEPTIC GROUPS

DURATION OF EPILEPSY BEFORE ADMISSION	SYMPTOMATIC									IDIOPATHIC	NOT EPILEPTIC AND UNCLASSIFIED	TOTAL						
	TOXAEMIC						DUE TO BRAIN DISEASE											
	EXOGENOUS			ENDOGENOUS														
	M.	F.	T.	M.	F.	T.	M.	F.	T.						M.	F.	T.	M.	F.	T.
Under 1 Year.....	.....	.....	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	.....	.....	1	1	2
1 Year.....	1	.....	1	.....	.....	.....	1	.....	1	1	.....	1	.....	.....	.....	3	.....	3
2 Years.....	.....	.....	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	.....	.....	1	1	2
3-4 Years.....	.....	.....	.....	.....	.....	.....	.....	3	3	5	2	7	.....	.....	.....	5	5	10
5-9 Years.....	.....	.....	.....	.....	.....	.....	1	1	2	4	5	9	.....	.....	.....	5	6	11
10 Years and Over.....	.....	.....	.....	1	1	.....	3	6	9	17	16	33	.....	.....	.....	20	23	43
Unascertained.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	1	5	4	1	5
TOTALS.....	1	.....	1	.....	1	1	7	12	19	27	23	50	4	1	5	39	37	76

TABLE D
ETIOLOGICAL FACTORS* AMONG FIRST ADMISSIONS BY
EPILEPTIC GROUPS

ETIOLOGICAL FACTORS	SYMPTOMATIC									IDIOPATHIC	NOT EPILEPTIC AND UNCLASSIFIED	TOTAL						
	TOXAEMIC						DUE TO BRAIN DISEASE											
	EXOGENOUS			ENDOGENOUS														
	M.	F.	T.	M.	F.	T.	M.	F.	T.						M.	F.	T.	M.	F.	T.
Head at Birth.....	2	6	8	.....	.....	.....	.....	.....	.....	2	6	8
Trauma Since Birth.....	2	3	5	.....	.....	.....	.....	.....	.....	2	3	5
Developmental Defects.....	3	5	8	6	6	12	.....	.....	.....	9	11	20
Meningo-encephalitis Complicating Infections†.....	1	1	2	.....	.....	.....	.....	.....	.....	1	1	2
Gastro-intestinal Disorders.....
Other Infectious Diseases.....
Cerebro-vsscular Sclerosis.....
Syphilis—Acquired.....
Hereditry.....	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1
Alcoholism.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Endocrinopathy.....
Pregnancy.....
Family History of Convulsions.....	1	2	3	7	3	10	.....	.....	.....	8	5	13
Other Specified causes.....	1	1	.....	1	6	7	12	10	22	.....	.....	.....	13	17	30
Cause Unascertained.....	11	8	19	.....	.....	.....	11	8	19
Not Epileptic.....	4	1	5	4	1	5
TOTALS.....	1	.....	1	.....	1	1	11	23	34	36	27	63	4	1	5	52	52	104

*If more than one etiological factor is found, all are reported in table.

†To include all cases due to lesions resulting from non-syphilitic meningitis, or encephalitis, e.g., scarlet fever, measles, influenza, typhoid fever, encephalitis lethargica, etc.

TABLE E
DISCHARGES BY EPILEPTIC GROUPS AND CONDITION ON DISCHARGE

CONDITION ON DISCHARGE	SYMPTOMATIC									IDIOPATHIC	NOT EPILEPTIC AND UNCLASSIFIED			TOTAL				
	TOXAEMIC						DUE TO BRAIN DISEASE											
	EXOGENOUS			ENDOGENOUS														
	M.	F.	T.	M.	F.	T.	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.
Recovered.....	1	...	1	...	...	...	6	1	7	11	11	22	...	...	...	18	12	30
Improved.....	2	...	2	...	1	1	3	5	8	17	14	31	...	...	...	22	20	42
Unimproved.....	1	...	1	...	...	...	4	...	4	8	6	14	...	...	...	13	6	19
Not Epileptic.....	...	...	...	...	...	...	...	...	...	...	...	...	6	...	6	6	...	6
TOTALS.....	4	...	4	...	1	1	13	6	19	36	31	67	6	...	6	59	38	97

TABLE F
PATIENTS IN RESIDENCE BY AGE, SEX AND MENTAL STATUS

PRESENT AGE	EPILEPTICS NOT INSANE OR FEEBLE-MINDED			EPILEPTICS WHO ARE FEEBLE-MINDED			INSANE EPILEPTICS			FEEBLE-MINDED, NOT EPILEPTIC			ALL OTHER CASES			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 Years.....	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
10-14.....	3	1	4	5	4	9	...	2	2	1	...	1	...	...	...	9	7	16
15-19.....	12	4	16	12	15	27	4	2	6	1	...	1	...	1	1	29	22	51
20-24.....	9	7	16	14	17	31	10	4	14	...	...	...	1	1	2	34	29	63
25-29.....	3	6	9	11	22	33	12	8	20	1	...	1	...	...	...	27	36	63
30-34.....	6	9	15	15	20	35	15	15	30	2	...	2	...	...	...	38	44	82
35-39.....	3	2	5	17	16	33	12	16	28	...	...	...	...	...	...	32	34	66
40-44.....	5	8	13	8	16	24	22	17	39	1	...	1	...	...	...	36	41	77
45-49.....	1	3	4	7	12	19	15	18	33	1	...	1	2	...	2	26	33	59
50-54.....	2	2	4	3	3	6	12	27	39	1	...	1	1	...	1	19	32	51
55-59.....	4	1	5	2	4	6	12	11	23	...	...	...	2	...	2	20	16	36
60-64.....	2	2	4	...	1	1	7	12	19	...	...	...	1	...	1	10	15	25
65-69.....	5	2	7	...	...	...	6	3	9	...	...	...	2	...	2	13	5	18
70-74.....	2	...	2	1	...	1	3	2	5	...	...	...	...	...	...	6	2	8
75-79.....	...	...	...	...	...	...	2	1	3	...	...	...	...	...	...	2	1	3
80 and Over.....	...	...	...	...	...	...	1	2	3	...	...	...	...	...	...	1	2	3
Not Stated.....	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1
ALL AGES.....	57	47	104	96	131	227	133	140	273	8	...	8	9	2	11	303	320	623

NOTE.—Two epileptic male patients who are in boarding homes are **not** included in this table. Both are "epileptics who are feeble-minded" with ages of 56 and 24.

TABLE G
POPULATION BY UNITS

UNIT	FIRST ADMISSIONS			READMISSIONS			TRANSFERS RECEIVED			IN RESIDENCE, MARCH 31, 1944		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Epileptic.....	39	37	76	13	10	23	5	4	9	303	320	623
Tuberculous.....	5	5	10	...	...	...	54	34	88	322	253	575
TOTALS.....	44	42	86	13	10	23	59	38	97	625	573	1,198

NOTE.—Two epileptic male patients in boarding homes are **not** included in the "In Residence" column (Male—Epileptic Unit).

SUPPLEMENTARY STATISTICAL TABLES ON THE TUBERCULOSIS UNIT, ONTARIO HOSPITAL, WOODSTOCK

TABLE A
MOVEMENT OF PATIENT POPULATION

POPULATION	MALE	FEMALE	TOTAL
1. Patients on the Books at the Beginning of the Year:			
(a) In Residence.....	323	264	587
(b) In Boarding Homes.....	.....	.....	.....
(c) On Probation.....	3	4	7
(d) On Elopement (Not Discharged).....	.....	.....	.....
(e) Total on the Books.....	326	268	594
2. Patients Admitted During the Year:			
(a) First Admissions.....	5	5	10
(b) Readmissions.....	.....	.....	.....
(c) Transfers Received.....	50	33	83
(d) Re-Transfers.....	5	1	6
(e) Total Patients Admitted.....	60	39	99
3. Total Patients Under Care During the Year.....	386	307	693
4. Patients Discharged from Books During Year:			
(a) Discharged.....	6	11	17
(b) Deported.....	.....	.....	.....
(c) Elopers Discharged.....	.....	.....	.....
(d) Died*.....	36	21	57
(e) Transferred.....	21	21	42
(f) Total Patients Discharged from Books.....	63	53	116
5. Patients on the Books at the End of the Year (Item 1e + 2d - 4f):			
(a) In Residence.....	322	253	575
(b) In Boarding Homes.....	.....	.....	.....
(c) On Probation.....	1	1	2
(d) On Elopement (Not Discharged).....	.....	.....	.....
(e) Total on Books.....	323	254	577
6. Daily Average Population in Residence	320.76	252.49	573.25
7. Daily Average Population on Books.....	324.73	256.67	581.4

*Does **not** include deaths on probation or elopement. These are to be classed as discharged. See note in memorandum on this table.

NOTE.—Items 1e + 2e must equal items 4f + 5e.

TABLE B
MOVEMENT OF POPULATION BY TUBERCULOSIS STATUS ON ADMISSION AND SEX

SOURCE OR DESTINATION	TUBERCULOSIS STATUS																		TOTAL					
	MINIMAL						MOD. ADVANCED			FAR ADVANCED			QUESCENT OR ARRESTED			NON-PULMONARY			OBSERVATION			M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.						
First Admissions.....	...	1	1	...	1	1	1	3	4	1	...	1	1	...	1	...	1	2	...	2	5	5	10	
First Transfers.....	34	11	45	2	5	7	4	1	5	1	1	2	1	...	1	...	1	8	15	23	50	33	83	
Readmissions.....
Retransfers.....	...	1	1	1	...	1	2	...	2	1	...	1	...	...	...	...	1	...	...	1	5	1	6
Discharges Home.....	...	3	3	1	3	4	1	...	1	...	...	...	...	...	...	...	...	...	1	1	2	7	9
Discharges to Sanatoria.....	1	2	3	1	1	2	1	1	2	...	...	...	...	...	1	...	1	...	...	...	4	4	8
Deportations.....
Elopecments.....
Transfers to Ontario Hospitals.....	9	5	14	*2	...	2	...	...	...	2	4	6	1	...	1	...	1	7	12	19	21	21	42
Deaths in Hospital.....	7	1	8	14	6	20	7	5	12	2	6	8	3	...	3	...	3	3	3	6	36	21	57	
GRAND TOTALS.....	51	24	75	21	16	37	16	10	26	7	11	18	7	...	7	...	7	21	31	52	123	92	215	

*These patients were moderately advanced on admission, but regressed to minimal extent and became arrested.

TABLE C
FIRST ADMISSIONS AND FIRST TRANSFERS BY SOURCES, TUBERCULOSIS STATUS AND SEX

SOURCE	TUBERCULOSIS STATUS												TOTAL					
	MINIMAL			MODERATELY ADVANCED			FAR ADVANCED			QUIESCENT AND ARRESTED			NON-PULMONARY			FOR OBSERVATION ONLY		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville.....	3	...	3	1	1	2	...	1	1	...	...	...	...	...	...	4	2	6
Cobourg.....	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Fort William.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Hamilton.....	4	2	6	1	2	3	...	...	...	...	1	1	1	2	8	10	13	21
Kingston.....	5	4	9	...	...	...	1	...	1	...	1	...	...	...	...	7	4	11
Langstaff.....	1	...	1	...	...	...	...	...	...	...	...	...	...	...	4	...	...	5
London.....	5	2	7	...	...	...	...	...	...	...	...	...	...	...	...	5	2	7
New Toronto.....	3	1	4	...	2	2	1	...	1	...	...	...	...	7	7	4	10	14
Orillia.....	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3
Penetang.....	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	2	...	2
Toronto.....	7	1	8	...	...	...	1	...	1	...	...	...	...	...	...	8	1	9
Whitby.....	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	2	...	2
Woodstock.....	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Other Sources.....	...	1	1	...	1	1	1	3	4	1	1	1	1	2	...	5	5	10
TOTALS.....	34	12	46	2	6	8	5	4	9	2	1	3	2	10	15	55	38	93

TABLE D
READMISSIONS AND RETRANSFERS BY SOURCES, TUBERCULOSIS STATUS AND SEX

SOURCE	TUBERCULOSIS STATUS												TOTAL						
	MINIMAL			MODERATELY ADVANCED			FAR ADVANCED			QUIESCENT AND ARRESTED			NON-PULMONARY			FOR OBSERVATION ONLY			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
Brockville.....
Cobourg.....
Fort William.....
Hamilton.....	1	1	1	1	...	...	1	...	...	...	1	...	...	...	1	1	1	2	...
Kingston.....
Langstaff.....
London.....	1	...	...	1	...	...	1	...	...	...	...	1	...	...	...	3
New Toronto.....	1	...	...	1	...	...	...	...	...	1	...	...	1
Orillia.....
Penetang.....
Toronto.....
Whitby.....
Woodstock.....
Other Sources.....
TOTALS.....	1	1	1	1	...	1	2	...	2	1	...	1	...	1	1	...	1	...	6

TABLE E
ADMISSIONS BY AGE ON ADMISSION AND SEX

AGE ON ADMISSION	FIRST ADMISSIONS			FIRST TRANSFERS			RE-ADMISSIONS			RE-TRANSFERS			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 Years.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10-14.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15-19.....	.....	.....	.....	1	2	3	.....	.....	.....	.....	.....	.....	1	2	3
20-24.....	1	.....	1	3	2	5	.....	.....	.....	.....	.....	.....	4	2	6
25-29.....	.....	.....	.....	2	3	5	.....	.....	.....	.....	.....	.....	2	3	5
30-34.....	.....	1	1	3	6	9	.....	.....	.....	2	.....	2	5	7	12
35-39.....	1	1	2	4	1	5	.....	.....	.....	1	.....	1	6	2	8
40-44.....	.....	2	2	7	.....	7	.....	.....	.....	1	.....	1	8	2	10
45-49.....	1	.....	1	9	7	16	.....	.....	.....	.....	1	1	10	8	18
50-54.....	1	.....	1	4	.....	4	.....	.....	.....	1	.....	1	6	.....	6
55-59.....	.....	.....	.....	5	2	7	.....	.....	.....	.....	.....	.....	5	2	7
60-64.....	.....	1	1	1	6	7	.....	.....	.....	.....	.....	.....	1	7	8
65-69.....	1	.....	1	9	1	10	.....	.....	.....	.....	.....	.....	10	1	11
70-74.....	.....	.....	.....	1	2	3	.....	.....	.....	.....	.....	.....	1	2	3
75-79.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	.....	.....	1	1	2
80 and Over.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Not Stated.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
ALL AGES.....	5	5	10	50	33	83	.....	.....	.....	5	1	6	60	39	99

TABLE F
PATIENTS IN RESIDENCE BY SEX AND DIAGNOSIS

DIAGNOSIS	MALE	FEMALE	TOTAL
01. With Syphilitic Meningo-Encephalitis.....	14	5	19
02. With Other Forms of Syphilis.....	.....	.....	.....
03. With Epidemic Encephalitis.....	1	2	3
04. With Other Infectious Diseases.....	.....	.....	.....
05. Alcoholic Psychoses.....	1	.....	1
06a. Due to Opium and Other Drugs.....	.....	.....	.....
06b. Due to Other Exogenous Toxins.....	.....	.....	.....
07. Traumatic Psychoses.....	1	.....	1
08. With Cerebral Arteriosclerosis.....	13	5	18
09. With Other Disturbances of Circulation.....	1	.....	1
10. With Convulsive Disorders (Epilepsy).....	8	6	14
11. Senile Psychoses.....	4	5	9
12. Involutional Psychoses.....	6	7	13
13. Due to Other Metabolic, etc., Diseases.....	.....	1	1
14. Due to New Growth.....	.....	.....	.....
15. With Organic Changes of Nervous System.....	1	.....	1
16. Psychoneuroses.....	5	1	6
17. Manic-Depressive Psychoses.....	13	9	22
18. Dementia Praecox (Schizophrenia).....	218	173	391
19. Paranoia and Paranoid Conditions.....	1	1	2
20. With Psychopathic Personality.....	2	1	3
21. With Mental Deficiency.....	7	10	17
22. Undiagnosed Psychoses.....	1	.....	1
231a. Epileptics Not Psychotic or Feeble-minded.....	1	.....	1
231b. Epileptics Who Are Feeble-minded.....	1	1	2
232. Alcoholism.....	.....	.....	.....
233. Drug Addiction.....	.....	.....	.....
234. Mental Deficiency.....	22	26	48
235. Disorders of Personality.....	.....	.....	.....
236. Psychopathic Personality.....	.....	.....	.....
237. Without Psychosis—Post-Encephalitis with Paralysis	1	.....	1
24. Primary Behaviour Disorders.....	.....	.....	.....
25. Without Mental Disorder.....	.....	.....	.....
TOTALS 1-22.....	297	226	523
TOTALS 23-27.....	25	27	52
GRAND TOTALS.....	322	253	575

TABLE H
LENGTH OF STAY* BY DESTINATION AND SEX

DESTINATION	LENGTH OF STAY IN YEARS AND MONTHS												TOTAL									
	0.0-0.5		0.6-0.11		1.0-1.11		2.0-2.11		3.0-3.11		4.0-4.11		5.0 AND OVER		M.	F.	T.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.				
Discharge Home.....	...	...	...	2	2	1	1	1	1	1	2	3	1	2	2	...	...	...	2	7	9
Discharge to Sanatoria.....	1	1	3	1	4	1	...	1	...	1	1	...	...	...	1	1	...	...	4	4	8
Deportation.....
Elopement.....
Transfer to Ontario Hospitals.....	...	...	1	...	1	...	...	6	...	6	5	11	16	9	10	19	...	...	21	21	42
Deaths in Hospital.....	8	2	10	2	...	2	3	6	9	8	5	13	9	5	14	6	3	9	36	21	57	
ALL DESTINATIONS.....	8	3	11	6	3	9	4	7	11	15	6	21	15	18	33	15	16	31	63	53	116	

*Length of stay in Woodstock tuberculosis unit, opened October 1939.

TABLE I
CAUSE OF DEATH

CAUSE OF DEATH	MALE	FEMALE	TOTAL
Infectious and Parasitic Diseases:			
Typhoid and Paratyphoid Fever.....	.....	.....	.....
Measles.....	.....	.....	.....
Scarlet Fever.....	.....	.....	.....
Diphtheria.....	.....	.....	.....
Influenza.....	.....	.....	.....
Dysentery.....	.....	.....	.....
Tuberculosis of the Respiratory System.....	22	9	31
Other Forms of Tuberculosis.....	1	2	3
Syphilis.....	.....	.....	.....
Purulent Infection, Septicaemia.....	.....	.....	.....
Other Infectious and Parasitic Diseases.....	.....	.....	.....
Cancer and Other Tumours:			
Cancer and Other Malignant Tumours.....	.....	.....	.....
Tumours, Non-malignant and Unspecified.....	.....	.....	.....
Rheumatic Diseases, Diseases of Nutrition and of Endocrine Glands and Other General Diseases:			
Acute Rheumatic Fever.....	.....	.....	.....
Chronic Rheumatism and Gout.....	.....	.....	.....
Diabetes Mellitus.....	.....	.....	.....
Diseases of the Thyroid and Parathyroid Glands.....	.....	.....	.....
Other General Diseases.....	.....	.....	.....
Diseases of the Blood and Blood Forming Organs:			
Anaemia.....	.....	.....	.....
Leukaemias, Aleukaemias, and Other Diseases of the Blood and Blood Forming Organs.....	.....	.....	.....
Chronic Poisonings and Intoxications:			
Alcoholism (Acute or Chronic).....	.....	.....	.....
Other Chronic Poisonings.....	.....	.....	.....
Diseases of the Nervous System and Organs of Special Sense:			
Simple Meningitis.....	.....	.....	.....
Progressive Locomotor Ataxia (Tabes Dorsalis).....	1	.....	1
Cerebral Haemorrhage, Cerebral Embolism and Thrombosis.....	1	1	2
General Paralysis of the Insane.....	1	.....	1
Dementia Praecox and Other Psychoses.....	.....	.....	.....
Epilepsy.....	.....	.....	.....
Other Diseases of the Nervous System.....	1	.....	1
Diseases of the Eye, Ear and Their Annexa.....	.....	.....	.....
Diseases of the Circulatory System:			
Pericarditis.....	.....	.....	.....
Acute and Chronic Endocarditis, Valvular Diseases.....	1	.....	1
Diseases of the Myocardium.....	4	3	7
Diseases of the Coronary Arteries and Angina Pectoris.....	.....	.....	.....
Other Diseases of the Heart.....	.....	.....	.....
Arteriosclerosis.....	2	2	4
Other Diseases of the Circulatory System.....	.....	.....	.....
Diseases of the Respiratory System:			
Bronchitis.....	.....	.....	.....
Pneumonias (Lobar, Broncho and Unspecified).....	.....	1	1
Pleurisy.....	.....	.....	.....
Other Diseases of the Respiratory System (Not Tuberculosis).....	.....	.....	.....
Diseases of the Digestive System:			
Ulcer of the Stomach and Duodenum.....	.....	.....	.....
Diarrhoea and Enteritis.....	.....	.....	.....
Appendicitis.....	.....	.....	.....
Hernia, Intestinal Obstruction.....	.....	.....	.....
Cirrhosis of the Liver.....	.....	.....	.....
Other Diseases of the Liver and Biliary Passages, including Biliary Calculi.....	.....	1	1
Other Diseases of the Digestive System.....	.....	.....	.....
Diseases of the Genito-Urinary System:			
Nephritis.....	.....	.....	.....
Other Diseases of the Kidneys and Ureters.....	.....	.....	.....
Calculi of the Urinary Passages.....	.....	.....	.....
Diseases of the Bladder (Tumours Excepted).....	.....	.....	.....
Diseases of the Urethra, Urinary Abscess, etc.....	.....	.....	.....
Diseases of the Prostate.....	1	.....	1
Diseases of the Genital Organs, Not Specified as Venereal.....	.....	.....	.....
Diseases of Pregnancy, Childbirth and the Puerperal State:			
Puerperal Septicaemia.....	.....	.....	.....
Other Diseases of Pregnancy, Childbirth and Puerperal State.....	.....	.....	.....
Diseases of the Skin and Cellular Tissue.....	.....	.....	.....
Diseases of the Bones and Organs of Locomotion.....	.....	.....	.....
Congenital Malformations.....	.....	.....	.....
Senility.....	.....	.....	.....
Violent or Accidental Death:			
Suicide.....	.....	.....	.....
Homicide.....	.....	.....	.....
Accidental Drowning.....	.....	.....	.....
Accidental Burns.....	.....	.....	.....
Other Accidents.....	.....	.....	.....
Ill-defined Causes of Death.....	1	2	3
GRAND TOTALS.....	36	21	57

SUPPLEMENTARY STATISTICAL TABLES ON THE ONTARIO HOSPITAL SCHOOL, ORILLIA

(Hospital for Mentally Defective)

TABLE A
PATIENTS IN RESIDENCE BY SEX AND MENTAL STATUS
Year Ending March 31, 1944

MENTAL STATUS	MALE		FEMALE		TOTAL	
	NUMBER	PER CENT	NUMBER	PER CENT	NUMBER	PER CENT
Idiot.....	272	24.2	227	22.1	499	23.2
Imbecile.....	597	53.2	492	48.0	1,089	50.7
Moron.....	217	19.3	273	26.6	490	22.8
Borderline.....	31	2.8	30	3.0	61	2.9
Not Mentally Defective..	6	0.5	3	0.3	9	0.4
TOTALS.....	1,123	100.0	1,025	100.0	2,148	100.0

TABLE B
FIRST ADMISSIONS BY MENTAL STATUS AND AGE

AGE GROUP (YEARS)	IDIOT			IMBECILE			MORON			NOT MENTALLY DEFECTIVE			TOTAL		
										M. F. T.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 Years.....	26	17	43	24	13	37	3	5	8	1	....	1	54	35	892
10-14.....	7	6	13	15	9	24	15	14	29	4	2	6	41	31	7
15-19.....	1	1	2	6	5	11	1	12	13	2	4	6	10	22	32
20-24.....	....	....	....	1	....	1	....	2	2	....	....	....	1	2	3
25-29.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
30-34.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
35-39.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
40-44.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
45-49.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
50 and Over.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
TOTALS.....	34	24	58	46	27	73	19	33	52	7	6	13	106	90	196

TABLE C
FIRST ADMISSIONS BY MENTAL STATUS AND ECONOMIC CONDITION

ECONOMIC CONDITION	IDIOT			IMBECILE			MORON			NOT MENTALLY DEFECTIVE			TOTAL		
										M. F. T.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Dependent.....	8	6	14	20	17	37	15	22	37	5	4	9	48	49	97
Marginal.....	19	11	30	18	8	26	3	10	13	2	2	4	42	31	73
Comfortable.....	7	7	14	8	2	10	1	1	2	....	....	....	16	10	26
TOTALS.....	34	24	58	46	27	73	19	33	52	7	6	13	106	90	196

TABLE D

FIRST ADMISSIONS BY MENTAL STATUS AND CLINICAL DIAGNOSIS

CLINICAL CLASSIFICATION	IDIOT			IMBECILE			MORON			NOT MENTALLY DEFECTIVE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Familial.....	3	1	4	17	12	29	10	11	21	5	3	8	35	27	62
Mongolism.....	6	4	10	6	1	7	.....	.....	.....	.....	.....	.....	12	5	17
With Developmental Cranial Anomalies.....	23	17	40	20	12	32	9	19	28	2	3	5	54	51	105
With Congenital Cerebral Spastic Infantile Paralysis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Post-infectious.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
Post-traumatic.....	2	.....	2	.....	1	1	.....	.....	.....	.....	.....	.....	2	1	3
With Epilepsy.....	.....	1	1	3	.....	3	.....	3	3	.....	.....	.....	3	4	7
With Endocrine Disorder.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1	1
With Familial Amaurosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With Tuberos Sclerosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With Other Organic Nervous Disease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Undifferentiated.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other Forms.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Others.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS.....	34	24	58	46	27	73	19	33	52	7	6	13	106	90	196

TABLE E

DISCHARGE BY MENTAL STATUS AND CHRONOLOGICAL AGE

AGE GROUP (YEARS)	IDIOT			IMBECILE			MORON			NOT MENTALLY DEFECTIVE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 Years.....	1	1	2	2	4	1	.....	1	.....	.....	.....	3	3	6
10-14.....	1	1	4	.....	4	3	3	6	1	1	2	8	5	13
15-19.....	4	1	5	12	12	24	3	3	6	19	16	35
20-24.....	3	2	5	5	8	13	.....	1	1	8	11	19
25-29.....	2	1	3	.....	2	2	.....	.....	.....	2	3	5
30-34.....	1	1	.....	.....	.....	.....	1	1
35-39.....
40-44.....	1	1	.....	.....	.....	.....	1	1
45-49.....
50 and Over.....	1	1	.....	1	1	.....	.....	.....	.....	2	2
TOTALS.....	2	2	15	7	22	21	28	49	4	5	9	40	42	82

TABLE F
DISCHARGES BY ABILITY OF PATIENT ON DISCHARGE AND CLINICAL CLASSIFICATION

CLINICAL CLASSIFICATION	CAPABLE OF SELF-SUPPORT			CAPABLE OF PARTIAL SELF-SUPPORT			INCAPABLE OF PRODUCTIVE WORK			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Familial.....	6	12	18	13	12	25	3	1	4	22	25	47
Mongolism.....	1	1	2	1	1	2
With Developmental Cranial Anomalies.....	1	.....	1	2	.....	2	3	.....	3
With Congenital Cerebral Spastic Infantile Paralyzes.....
Post-infectious.....
Post-traumatic.....	2	2	.....	.....	.....	.....	2	2
With Epilepsy.....	1	.....	1	.....	.....	.....	1	.....	1
With Endocrine Disorder.....	1	1	.....	.....	.....	.....	1	1
With Familial Amaurosis.....
With Tuberos Sclerosis.....
With Other Organic Nervous Disease.....
Undifferentiated.....	6	4	10	5	6	11	2	3	5	13	13	26
Other Forms.....
Others.....
TOTALS	12	16	28	20	21	41	8	5	13	40	42	82

TABLE G
DEATHS BY MENTAL STATUS AND CHRONOLOGICAL AGE

AGE GROUP (YEARS)	IDIOT			IMBECILE			MORON			NOT MENTALLY DEFECTIVE			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 Years.....	8	6	14	2	.....	2	1	.....	1	.....	.....	.....	11	6	17
10-14.....	1	3	4	2	.....	2	1	.....	1	.....	.....	.....	4	3	7
15-19.....	4	3	7	1	1	2	2	2	4	1	.....	1	8	6	14
20-24.....	.....	4	4	1	2	3	2	.....	2	.....	.....	.....	3	6	9
25-29.....	.....	1	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	1	2
30-34.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
35-39.....	.....	.....	.....	2	.....	2	.....	.....	.....	.....	.....	.....	2	.....	2
40-44.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
45-49.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50 and Over.....	3	1	4	2	3	5	.....	.....	.....	.....	.....	.....	5	4	9
Unascertained.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS	17	18	35	11	6	17	6	2	8	1	.....	1	35	26	61

DEPARTMENT OF HEALTH

SEVENTY-FIFTH ANNUAL REPORT

UPON THE

Public General Hospitals

Private Hospitals

Hospitals for Incurables

Convalescent Hospitals

AND

Sanatoria for Consumptives

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR WHICH ENDED 31st DECEMBER

1944

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 16, 1945



TORONTO

Printed and Published by T. E. Bowman,
Printér to the King's Most Excellent Majesty
1945

Parliament Buildings,

Toronto, March 26, 1945

TO THE HONOURABLE ALBERT MATHEWS,
Lieutenant-Governor of the Province of Ontario

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit to Your Honour the Seventy-fifth Annual Report on the Hospitals and Sanatoria of the Province of Ontario, for the year which ended December 31, 1944.

Respectfully submitted,

R. P. VIVIAN, M.D.,

Minister of Health

Parliament Buildings,

Toronto, March 26, 1945

THE HONOURABLE R. P. VIVIAN, M.D.,
Minister of Health

SIR:

I have the honour to submit to you the Seventy-fifth Annual Report on the Hospitals and Sanatoria of the Province of Ontario, for the year which ended December 31, 1944.

I have the honour to be, Sir,

Your obedient servant,

C. J. TELFER,

Inspector of Hospitals

Hospitals

Herein is presented a detailed report on General, Red Cross and Convalescent Hospitals, Hospitals for Incurables and Sanatoria for Consumptives, operating in the Province of Ontario, as compiled from the Financial and Statistical Statements submitted for the year which ended December 31, 1944.

There were 167 institutions in operation and participating in Provincial grants during the year. These are classified as follows:

116 General Hospitals	3 Convalescent Hospitals
25 Red Cross Hospitals	2 Convalescent Summer Camps for Children
8 Hospitals for Incurables	13 Sanatoria for Consumptives

The number of patients, together with the number of days' treatment, is indicated in the summary on the opposite page. In Public General Hospitals, exclusive of Red Cross Outposts, there was an increase in the number of patients treated of 10,619 over the previous year, and an increase of 179,581 days' treatment. The average number of patients in hospital daily was 12,826, or 461 more than the previous year.

Operating costs (in General Hospitals only) increased by \$2,206,871.23 over the previous year. The following revenue increases (in General Hospitals) are noted:

From patients, increased.....	\$1,985,903.11
From investments, increased.....	17,996.38
From donations, increased.....	89,029.11
From municipalities, increased.....	116,535.41
From Provincial Government, increased..... (Statutory per diem grants)	127,090.96

The net increase in revenue for the year amounted to \$2,336,554.97

Executives and officers of the several institutions reported herein are requested to study the various tables, comparing their hospitals with those of similar size and capacity.

During the year two Red Cross Outposts, Reddit and Wilberforce, were closed for six months. The Civitan Convalescent Camp, Toronto, was also closed.

On pages 30-31 of this report will be found information concerning the 56 private hospitals licensed during the year under report.

C. J. TELFER,

Inspector of Hospitals

CONSOLIDATED STATEMENT GIVING CERTAIN STATISTICAL AND FINANCIAL INFORMATION

For the Year Ended December 31, 1944

	General Hospitals	Red Cross Outposts	Hospitals for Incurables	Convalescent Hospitals	TOTALS
Bed Capacity, Adults and Children	14,067	355	1,444	306	16,172
Nursery Bassinets	2,161	79	.....	.....	2,240
Percentage of Bed Occupancy for Year.....	79.0	53.6	99.3	.....	.....
Number of Live Births during Year	56,642	1,440	.....	.....	58,082
Number of Deaths, including Still-births, during Year.....	15,819	312	538	5	16,674
Total Number of Patients Treated during Year.....	409,096	9,931	2,161	1,487	422,675
Total Collective Days' Stay of All Patients.....	4,694,300	85,126	519,789	58,317	5,357,532
Number of Staff and Employees:					
Graduate Nurses.....	2,961	92	135	24	3,212
Pupil Nurses.....	3,327	.....	.....	.....	3,327
Probationer Nurses.....	846	.....	.....	.....	846
Other Graduate and Professional Staff.....	533	1	20	7	561
Orderlies.....	439	14	40	2	495
All Other Employees.....	7,148	90	600	106	7,944
TOTAL STAFF AND EMPLOYEES.....	15,254	197	795	139	16,385
OPERATING REVENUE	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Income from Patients for Maintenance and Treatment	16,512,560.74	253,278.60	346,639.97	69,870.66	17,182,349.97
Income from Municipalities for Maintenance and Treatment of Patients.....	2,078,403.98	12,308.00	563,782.16	44,624.57	2,699,118.71
Grants from Government for Maintenance and Treatment of Patients.....	891,659.69	23,306.15	217,807.60	18,092.15	1,150,865.59
TOTAL OPERATING REVENUE.....	19,482,624.41	288,892.75	1,128,229.73	132,587.38	21,032,334.27
NON-OPERATING REVENUE					
Income from Property, Investments, Endowments, etc., and Miscellaneous.....	513,663.89	3,291.94	16,656.17	11,627.19	545,239.19
Income from Donations, Bequests and Other Gratuitous Sources.....	750,788.89	19,178.57	60,902.86	27,603.29	858,473.61
Grants from Municipalities for Building, Debentures, Capital, etc.....	149,637.37	.....	.....	.....	149,637.37
TOTAL NON-OPERATING REVENUE.....	1,414,090.15	22,470.51	77,559.03	39,230.48	1,553,350.17
Total Revenue.....	20,896,714.56	311,363.26	1,205,788.76	171,817.86	22,585,684.44
OPERATING EXPENSE					
Total Cost of Dieteries.....	3,568,092.73	58,304.42	241,651.30	42,281.80	3,910,330.25
Total Cost of Salaries and Wages.....	10,014,895.99	192,988.23	612,442.72	94,199.42	10,914,526.36
Other Operating Expense.....	5,813,254.26	107,563.16	227,943.28	42,781.60	6,191,542.30
TOTAL OPERATING EXPENSE.....	19,396,242.98	358,855.81	1,082,037.30	179,262.82	21,016,398.91
Interest and Sinking Fund Charges.....	415,431.95	.....	22,122.04	.....	437,553.99
Total Cost.....	19,811,674.93	358,855.81	1,104,159.34	179,262.82	21,453,952.90
Average per Capita Cost (exclusive of Depreciation, Doubtful Accounts, Interest and Sinking Fund Charges)....	4.57	4.01	2.08	3.07	.....

NOTE.—Haldimand War Memorial Hospital, Dunnville; Scott Memorial Hospital, Seaforth: Financial statements for these hospitals were not submitted to the Department, therefore their financial figures are not included in this report.

GENERAL HOSPITALS

TABLE No. I—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence, Jan. 1, 1944	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Still-births during year	Patients in residence, Dec. 31, 1944
		Adults and children	Nursery								
GROUP 1 Capacity, 1 to 25 Beds											
Bowmanville.....	Bowmanville.....	18	5	16	709	201	926	874	34	5	18
Haldimand War Mem.....	Dunnville.....	15	9	27	612	142	781	734	29	3	18
Red Cross Memorial.....	Durham.....	19	5	9	234	46	289	262	18	3	9
Hanover Memorial.....	Hanover.....	17	5	9	291	100	400	383	10	6	7
Notre Dame.....	Hawkesbury.....	18	3	9	690	92	791	744	26	8	21
Rosedale War Memorial.....	Matheson.....	14	4	5	200	45	250	240	4	2	6
Louise Marshall.....	Mount Forest.....	16	5	9	217	85	311	291	10	1	10
Niagara Cottage.....	Niagara-on-Lake.....	11	4	8	225	79	312	289	11	.....	12
Palmerston General.....	Palmerston.....	10	4	16	471	73	560	535	17	.....	8
General.....	Penetanguishene.....	16	5	12	448	117	577	534	22	4	21
Sioux Lookout General.....	Sioux Lookout.....	16	4	25	736	58	819	789	11	2	19
Wingham General.....	Wingham.....	20	5	21	480	123	624	564	41	6	19
TOTALS.....		190	58	166	5,313	1,161	6,640	6,239	233	40	168
GROUP 2 Capacity, 26 to 50 Beds											
Stevenson Memorial.....	Alliston.....	32	4	18	664	152	834	764	48	6	22
Rosamond Memorial.....	Almonte.....	20	6	16	573	174	763	716	31	4	16
St. Joseph's General.....	Blind River.....	38	5	24	458	68	550	509	25	3	16
Lady Minto.....	Chapleau.....	26	7	23	657	76	756	716	17	6	23
Clinton Public.....	Clinton.....	24	7	16	424	103	543	492	24	3	27
Groves Memorial.....	Fergus.....	28	5	21	462	123	606	564	26	2	16
Douglas Memorial.....	Fort Erie.....	35	15	27	1,073	261	1,361	1,289	46	7	26
La Verendrye.....	Fort Frances.....	44	6	45	1,642	186	1,873	1,786	47	4	40
Alexandra Mar. & Gen.....	Goderich.....	42	8	38	748	185	971	889	50	4	32
Alexandra.....	Ingersoll.....	32	10	27	740	172	939	871	45	5	23
Anson General.....	Iroquois Falls.....	32	6	18	653	95	766	723	11	2	32
Kincardine General.....	Kincardine.....	37	8	20	587	146	753	700	37	4	16
Memorial.....	Listowel.....	36	7	26	1,012	181	1,219	1,167	34	8	18
General.....	Mattawa.....	44	6	32	533	83	648	591	26	2	31
St. Andrew's.....	Midland.....	42	8	25	1,225	245	1,495	1,397	65	3	33
York County.....	Newmarket.....	32	8	27	1,445	290	1,762	1,671	52	8	39
Queen Victoria Memorial.....	North Bay.....	43	7	31	1,039	170	1,240	1,181	28	3	31
Lord Dufferin.....	Orangeville.....	26	3	18	848	163	1,029	935	55	6	39
Willett.....	Paris.....	37	8	24	392	108	524	477	32	4	15
Parry Sound General.....	Parry Sound.....	24	7	31	807	129	967	902	32	6	33
Charlotte E. Englehart.....	Petrolia.....	29	6	32	896	248	1,176	1,100	51	4	25
Scott Memorial.....	Seaforth.....	21	6	18	548	108	674	624	36	4	14
St. Francis General.....	Smith's Falls.....	37	5	31	654	87	772	729	20	2	23
Porcupine General.....	South Porcupine.....	30	12	20	927	142	1,089	1,044	22	4	23
Strathroy General.....	Strathroy.....	41	6	36	639	170	845	758	54	3	33
St. Jean de Brebeuf.....	Sturgeon Falls.....	33	7	38	747	131	916	840	41	12	35
Soldiers' Memorial.....	Tillsonburg.....	32	9	37	1,566	346	1,949	1,849	66	9	34
Lockwood Clinic.....	Toronto.....	40	.....	19	1,069	.....	1,088	1,061	15	.....	12
County of Bruce Gen.....	Walkerton.....	31	6	23	1,023	171	1,217	1,144	52	3	21
TOTALS.....		968	198	761	24,051	4,513	29,325	27,489	1,088	131	748
GROUP 3 Capacity, 51 to 100 Beds											
Royal Victoria.....	Barrie.....	65	14	47	2,235	525	2,807	2,660	80	20	87
Peel Memorial.....	Brampton.....	43	9	41	1,471	360	1,872	1,782	53	10	37
St. Vincent de Paul.....	Brookville.....	69	5	65	1,561	199	1,825	1,703	68	3	54
Cobourg General.....	Cobourg.....	42	16	25	764	181	970	908	43	3	19
Lady Minto.....	Cochrane.....	62	8	38	501	104	643	569	24	2	50
General & Marine.....	Collingwood.....	62	14	45	1,411	242	1,698	1,593	66	6	39
Cornwall General.....	Cornwall.....	71	16	58	1,739	258	2,055	1,934	68	9	53
Galt.....	Galt.....	75	16	61	2,065	427	2,553	2,405	98	19	50
Misericordia.....	Haileybury.....	67	8	40	924	93	1,057	972	40	3	45
St. Paul's.....	Hearst.....	67	6	50	1,958	145	2,153	2,044	36	4	73
Kenora General.....	Kenora.....	52	5	42	926	110	1,078	1,014	22	4	29
St. Joseph's.....	Kenora.....	52	12	34	811	112	957	893	35	3	51
The Ross Memorial.....	Lindsay.....	52	8	61	1,470	383	1,914	1,770	93	16	72
Orillia Soldiers' Memorial.....	Orillia.....	69	11	73	2,333	361	2,767	2,588	107	13	92
Salvation Army Grace.....	Ottawa.....	57	40	108	2,455	1,884	4,447	4,307	48	37	83
St. Joseph's General.....	Parry Sound.....	56	8	24	972	152	1,148	1,107	28	3	13
Pembroke Cottage.....	Pembroke.....	50	8	54	1,677	184	1,915	1,832	43	2	43
Great War Memorial.....	Perth.....	48	8	54	1,408	223	1,685	1,586	56	7	43
Prince Edward County.....	Pictou.....	43	11	47	1,153	286	1,486	1,378	65	7	26
The Port Hope.....	Port Hope.....	45	6	22	795	148	965	903	36	5	26
Victoria.....	Renfrew.....	69	11	50	1,121	259	1,430	1,339	52	7	39

GENERAL HOSPITALS (Cont'd)

Table No. I.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence, Jan. 1, 1944	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Still-births during year	Patients in residence, Dec. 31, 1944
		Adults and children	Nursery								
Group 3 (Cont'd)											
Plummer Memorial.....	Sault Ste. Marie.	52	12	38	1,642	310	1,990	1,880	63	13	47
Norfolk General.....	Simcoe.	50	22	60	1,549	438	2,047	1,927	72	12	48
Smith's Falls Public.....	Smith's Falls.	60	8	35	1,024	181	1,240	1,135	49	6	56
Mothercraft.....	Toronto.	26	30	25	435		460	443			17
Salvation Army Grace.....	Toronto.	54	37	90	2,409	1,675	4,174	4,060	24	60	90
Woodstock General.....	Woodstock.	85	15	61	2,301	367	2,729	2,521	113	13	95
TOTALS.....		1,543	364	1,348	39,110	9,607	50,065	47,253	1,482	283	1,330
GROUP 4 Capacity, 101 to 200 Beds											
Belleville General*.....	Belleville	155	33	149	5,504	977	6,630	6,281	213	33	136
Brockville General.....	Brockville.	103	11	102	2,354	330	2,786	2,600	104	10	82
Public General.....	Chatham.	126	24	92	3,539	464	4,095	3,845	146	15	104
St. Joseph's.....	Chatham.	117	24	100	3,333	627	4,060	3,823	143	24	94
Hotel Dieu.....	Cornwall.	124	14	92	3,313	478	3,883	3,677	113	22	93
Guelph General.....	Guelph	92	18	85	2,302	327	2,714	2,513	116	8	85
St. Joseph's.....	Guelph	87	18	79	2,174	328	2,581	2,420	91	8	70
Hotel Dieu.....	Kingston.	184	16	154	4,363	594	5,111	4,855	131	5	125
Kitchener-Waterloo.....	Kitchener	119	27	111	3,726	656	4,493	4,230	150	17	113
St. Mary's.....	Kitchener	125	23	78	3,260	588	3,926	3,688	135	8	103
Niagara Falls General.....	Niagara Falls	120	18	118	3,954	701	4,773	4,510	157	10	106
St. Joseph's General.....	North Bay.	113	12	51	2,277	320	2,648	2,502	80	6	66
General and Marine.....	Owen Sound	85	16	70	2,756	499	3,325	3,098	151	16	76
General.....	Pembroke	129	10	80	2,504	355	2,939	2,759	108	12	72
Nicholls.....	Peterborough	122	19	103	2,684	485	3,272	3,049	127	12	96
St. Joseph's.....	Peterborough	95	22	76	2,503	583	3,162	2,996	109	10	57
General.....	Peterborough	135	16	86	3,435	411	3,932	3,749	89	10	94
St. Catharines Generalf.....	St. Catharines.....	157	18	126	5,584	1,095	6,805	6,474	191	23	140
Memorial.....	St. Thomas	111	27	118	3,333	724	4,175	3,887	181	16	107
Sarnia General.....	Sarnia.	132	30	131	4,057	701	4,889	4,638	140	15	111
General.....	Sault Ste. Marie.	97	15	70	2,463	469	3,002	2,828	104	3	70
Stratford General.....	Stratford.	118	21	96	2,766	573	3,435	3,200	147	14	88
St. Mary's.....	Timmins.	132	26	69	4,186	429	4,684	4,480	122	25	82
Mount Sinai.....	Toronto.	82	20	95	3,988	1,042	5,125	4,929	107	25	89
Wellesley.....	Toronto.	98	17	95	3,439	488	4,022	3,871	70	15	81
Welland County General.....	Welland.	148	52	88	3,001	776	3,865	3,657	138	16	70
Metropolitan General.....	Windsor	116	26	131	4,645	691	5,467	5,205	157	11	105
Salvation Army Grace.....	Windsor.	105	15	137	5,127	961	6,225	5,895	160	22	170
TOTALS.....		3,327	588	2,782	96,570	16,672	116,024	109,659	3,680	403	2,685
GROUP 5 Capacity, 201 Beds and Over											
Brantford General†.....	Brantford	234	20	202	4,587	821	5,610	5,154	260	19	196
McKellar General.....	Fort William	222	34	153	5,648	680	6,481	6,111	187	13	183
Hamilton General¶.....	Hamilton	754	117	586	16,971	3,325	20,882	19,371	842	90	669
St. Joseph's.....	Hamilton	175	30	143	5,621	973	6,737	6,378	190	32	169
Kingston General**.....	Kingston.	328	25	262	8,614	815	9,691	9,294	252	24	235
St. Joseph's.....	London	258	34	194	6,057	1,058	7,309	6,852	270	22	187
Victoria††.....	London	543	50	380	9,632	1,037	11,049	10,165	483	25	401
Oshawa General.....	Oshawa.	193	26	118	5,470	807	6,395	6,084	169	27	142
Ottawa Civic.....	Ottawa	770	63	537	14,350	1,783	16,670	15,481	652	46	537
Ottawa General.....	Ottawa	370	25	244	7,713	744	8,701	8,158	301	25	242
St. Joseph's General.....	Port Arthur.	200	26	109	3,993	353	4,455	4,167	140	14	148
St. Joseph's.....	Sudbury.	198	41	142	6,024	718	6,884	6,527	253	30	104
Hosp. for Sick Children.....	Toronto.	432		327	9,730		10,057	9,420	359		278
St. Joseph's.....	Toronto.	315	26	256	8,321	1,307	9,884	9,222	358	43	304
St. Michael's.....	Toronto.	643	45	541	13,735	1,961	16,237	14,946	745	37	546
Toronto East General.....	Toronto.	365	40	177	5,298	972	6,447	5,867	259	36	321
Toronto General.....	Toronto.	1,144	175	949	21,000	2,588	24,537	22,461	1,179	59	897
Toronto Western.....	Toronto.	518	72	468	11,398	2,049	13,915	12,917	541	78	457
Women's College.....	Toronto.	156	58	121	4,277	1,249	5,647	5,462	65	26	120
Hotel Dieu.....	Windsor.	221	44	179	7,826	1,449	9,454	8,973	286	42	195
TOTALS.....		8,039	953	6,088	176,265	24,689	207,042	192,920	7,791	688	6,331
GRAND TOTALS:											
Public General Hospitals.....		14,067	2,161	11,145	341,309	56,642	409,096	383,560	14,274	1,545	11,262
Red Cross Outposts.....		355	79	221	8,270	1,440	9,931	9,450	284	28	197
GRAND TOTALS incl. Red Cross.....		14,422	2,240	11,366	349,579	58,082	419,027	393,010	14,558	1,573	11,459

*Includes 10 isolation beds with 87 patients.

†Includes 10 isolation beds with 7 patients.

‡Includes 28 isolation beds with 87 patients.

¶Includes 43 isolation beds with 105 patients.

**Includes 20 isolation beds with 191 patients.

††Includes 18 isolation beds with 145 patients.

GENERAL HOSPITALS (Cont'd)

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days, adults and children, for year	Total days, infants born, for year	Total patient days, all patients, for year	Average number of patients in hospital daily	Number of graduate nurses	Number of other employees, incl. nurses-in-training	Percentage of adult beds occupied during year	Percentage of beds occupied during year, incl. bassinets
GROUP 1 Capacity, 1 to 25 Beds									%	%
Bowmanville.....	Bowmanville.....	926	5,910	1,918	7,828	21	9	7	89.7	93.0
Haldimand War Memorial.....	Dunnville.....	781	6,125	1,209	7,334	20	7	9	111.6	83.5
Red Cross Memorial.....	Durham.....	289	3,528	526	4,054	11	3	4	50.7	46.2
Hanover Memorial.....	Hanover.....	400	3,213	961	4,174	11	4	5	51.6	51.8
Notre Dame.....	Hawkesbury.....	791	6,272	769	7,041	20	3	17	95.2	91.6
Rosedale War Memorial.....	Matheson.....	250	1,647	414	2,061	6	1	5	32.1	31.3
Louise Marshall.....	Mount Forest.....	311	2,308	996	3,304	9	3	3	39.4	43.0
Niagara Cottage.....	Niagara-on-Lake.....	312	3,435	725	4,160	11	5	5	85.3	75.3
Palmerston General.....	Palmerston.....	560	4,434	748	5,392	15	6	5	126.9	105.2
General.....	Penetanguishene.....	577	5,272	1,055	6,327	17	6	4	90.0	82.3
Sioux Lookout General.....	Sioux Lookout.....	819	7,050	509	7,559	21	5	9	120.3	103.3
Wingham General.....	Wingham.....	624	5,305	1,201	6,506	18	5	12	72.5	71.1
TOTALS.....		6,640	54,709	11,031	65,740	180	57	85	78.7	72.4
GROUP 2 Capacity, 26 to 50 Beds										
Stevenson Memorial.....	Alliston.....	834	6,813	1,529	8,342	23	9	9	58.1	63.3
Rosamond Memorial.....	Almonte.....	763	5,305	1,875	7,180	20	8	6	72.4	75.5
St. Joseph's General.....	Blind River.....	550	6,795	799	7,594	21	5	9	48.9	48.3
Lady Minto.....	Chapleau.....	756	8,236	552	8,788	24	6	8	86.5	72.8
Clinton Public.....	Clinton.....	543	5,702	1,138	6,840	19	5	10	64.9	60.3
Groves Memorial.....	Fergus.....	606	5,969	1,230	7,199	20	8	9	58.2	59.6
Douglas Memorial.....	Fort Erie.....	1,361	9,963	2,511	12,474	34	26	20	77.8	68.2
La Verendrye.....	Fort Frances.....	1,873	14,322	1,735	16,057	44	5	31	88.9	87.7
Alexandra Marine & Gen.....	Goderich.....	971	9,930	2,116	12,046	33	15	14	64.6	65.8
Alexandra.....	Ingersoll.....	939	9,050	1,958	11,008	30	11	12	77.3	71.6
Anson General.....	Iroquois Falls.....	766	6,242	945	7,187	20	10	9	53.3	51.7
Kincardine General.....	Kincardine.....	753	6,114	1,247	7,361	20	7	6	45.1	44.7
Memorial.....	Listowel.....	1,219	8,116	1,594	9,710	27	11	9	61.6	61.7
General.....	Mattawa.....	648	11,744	811	12,555	34	2	23	72.7	68.6
St. Andrew's.....	Midland.....	1,495	14,166	2,421	16,587	45	9	24	92.2	90.6
York County.....	Newmarket.....	1,762	11,914	2,718	14,632	40	16	12	101.7	99.9
Queen Victoria Memorial.....	North Bay.....	1,240	11,436	1,742	13,178	36	20	20	72.7	72.0
Lord Dufferin.....	Orangeville.....	1,029	9,596	1,755	11,351	31	10	13	100.8	106.9
Willett.....	Paris.....	524	7,394	1,172	8,566	23	8	8	54.6	52.6
Parry Sound General.....	Parry Sound.....	967	10,275	1,530	11,805	32	4	13	116.9	104.0
Charlotte E. Englehart.....	Petrolia.....	1,176	9,387	2,068	11,455	31	14	32	88.4	89.4
Scott Memorial.....	Seaforth.....	674	5,707	1,208	6,915	19	6	10	74.2	70.0
St. Francis General.....	Smith's Falls.....	772	11,717	885	12,602	34	8	20	86.5	82.9
Porcupine General.....	South Porcupine.....	1,089	6,984	1,613	8,597	23	11	12	63.6	55.0
Strathroy General.....	Strathroy.....	845	11,614	1,649	13,263	36	10	19	77.4	77.1
St. Jean de Brebeuf.....	Sturgeon Falls.....	916	11,764	1,360	13,124	36	7	14	97.4	89.6
Soldiers' Memorial.....	Tiltsburg.....	1,949	12,149	2,684	14,833	41	16	16	103.7	98.3
Lockwood Clinic.....	Toronto.....	1,088	10,015		10,015	27	13	36	68.4	
County of Bruce General.....	Walkerton.....	1,217	9,163	1,555	10,718	29	10	9	80.8	79.1
TOTALS.....		29,325	267,582	44,400	311,982	852	290	433	75.5	73.1
GROUP 3 Capacity, 51 to 100 Beds										
Royal Victoria.....	Barrie.....	2,807	21,837	5,324	27,161	74	13	64	91.8	93.9
Peel Memorial.....	Brampton.....	1,872	12,449	3,534	15,983	44	13	16	79.1	84.0
St. Vincent de Paul.....	Brockville.....	1,825	22,287	2,311	24,598	67	25	35	88.3	90.8
Cobourg General.....	Cobourg.....	970	7,039	1,666	8,705	24	9	13	45.8	41.0
Lady Minto.....	Cochrane.....	643	14,536	1,355	15,891	43	7	16	64.1	62.0
General and Marine.....	Collingwood.....	1,698	15,667	2,515	18,182	50	11	35	69.0	65.4
Cornwall General.....	Cornwall.....	2,055	20,490	2,856	23,346	64	17	58	79.7	73.3
Galt.....	Galt.....	2,553	21,576	4,117	25,693	70	42	55	78.6	77.1
Misericordia.....	Haileybury.....	1,057	14,806	623	15,429	42	4	20	60.4	56.2
St. Paul's.....	Hearst.....	2,153	23,448	1,475	24,923	68	10	27	95.6	93.5
Kenora General.....	Kenora.....	1,078	12,107	1,115	13,222	36	5	24	63.6	63.4
St. Joseph's.....	Kenora.....	957	12,425	1,058	13,483	37	7	18	65.3	57.6
The Ross Memorial.....	Lindsay.....	1,914	19,917	3,664	23,581	64	10	48	104.7	107.4
Orillia Soldiers' Memorial.....	Orillia.....	2,767	26,184	4,440	30,624	84	15	61	103.7	104.6
Salvation Army Grace.....	Ottawa.....	4,447	23,462	20,703	44,165	121	14	76	112.5	124.4
St. Joseph's General.....	Parry Sound.....	1,148	7,327	1,436	8,763	24	6	17	35.7	37.4
Pembroke Cottage.....	Pembroke.....	1,915	15,826	2,205	18,031	49	17	27	86.5	84.9
Great War Memorial.....	Perth.....	1,685	16,064	2,411	18,475	50	21	29	91.4	90.1
Prince Edward County.....	Pictou.....	1,486	12,433	2,836	15,269	42	13	17	79.0	77.3
The Port Hope.....	Port Hope.....	965	9,062	1,495	10,557	29	6	14	55.0	56.6
Victoria.....	Renfrew.....	1,430	13,392	2,718	16,110	44	8	27	53.0	55.0

GENERAL HOSPITALS (Cont'd)

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days, adults and children, for year	Total days, infants born, for year	Total patient days, all patients, for year	Average number of patients in hospital daily	Number of graduate nurses	Number of other employees, incl. nurses-in-training	Percentage of adult beds occupied during year	Percentage of beds occupied during year, incl. bassinets
Group 3 (Cont'd)										
									%	%
Plummer Memorial.....	Sault Ste. Marie.	1,990	15,069	2,925	17,994	49	20	50	79.2	76.8
Norfolk General.....	Simcoe.....	2,047	16,150	4,136	20,286	55	20	32	88.2	77.0
Smith's Falls Public.....	Smith's Falls.....	1,240	13,333	1,960	15,293	42	19	15	60.7	61.4
Mothercraft.....	Toronto.....	460	8,570		8,570	23	4	24	90.1	41.8
Salvation Army Grace.....	Toronto.....	4,174	21,324	16,918	38,242	104	25	76	107.9	114.8
Woodstock General.....	Woodstock.....	2,729	27,617	3,757	31,374	86	21	91	88.8	85.7
TOTALS.....		50,065	444,397	99,553	543,950	1,486	382	978	78.7	77.9
GROUP 4 Capacity, 101 to 200 Beds										
Belleville General*.....	Belleville.....	6,630	50,209	8,925	59,134	162	41	159	88.5	85.9
Brockville General.....	Brockville.....	2,786	31,860	3,724	35,584	97	14	87	84.5	85.3
Public General.....	Chatham.....	4,095	33,042	5,048	38,090	104	17	129	71.6	69.4
St. Joseph's.....	Chatham.....	4,060	31,290	6,286	37,576	103	14	115	73.1	72.8
Hotel Dieu.....	Corwall.....	3,883	35,324	4,767	40,091	110	30	83	77.8	79.4
Guelph General.....	Guelph.....	2,714	31,874	3,743	35,617	97	13	116	94.7	88.5
St. Joseph's.....	Guelph.....	2,581	25,304	3,446	28,750	79	21	78	79.5	74.8
Hotel Dieu.....	Kingston.....	5,111	54,427	5,847	60,274	165	47	150	80.8	82.3
Kitchener-Waterloo.....	Kitchener.....	4,493	41,235	6,610	47,845	131	42	142	94.7	89.5
St. Mary's.....	Kitchener.....	3,926	35,876	6,032	41,908	115	10	128	78.4	77.4
Niagara Falls General.....	Niagara Falls.....	4,773	40,948	6,755	47,703	130	31	72	93.2	94.4
St. Joseph's General.....	North Bay.....	2,648	23,921	3,321	27,242	74	11	62	57.8	59.5
General and Marine.....	Owen Sound.....	3,325	27,051	5,169	32,220	88	34	75	87.0	87.2
General.....	Pembroke.....	2,939	28,934	3,705	32,639	89	21	64	61.3	64.2
Nicholls.....	Peterborough.....	3,272	35,587	5,313	40,900	111	34	137	79.7	79.3
St. Joseph's.....	Peterborough.....	3,162	25,915	6,051	31,966	87	25	49	74.5	74.6
General.....	Port Arthur.....	3,932	36,112	4,252	40,364	110	27	94	73.9	73.0
St. Catharines General†.....	St. Catharines.....	6,805	44,851	10,049	54,900	150	34	157	78.1	85.7
Memorial.....	St. Thomas.....	4,175	36,562	7,554	44,116	121	39	113	90.0	87.3
Sarnia General.....	Sarnia.....	4,889	41,492	6,947	48,439	132	41	103	85.9	81.7
General.....	Sault Ste. Marie.....	3,002	24,001	4,427	28,428	78	23	56	67.6	69.4
Stratford General.....	Stratford.....	3,435	31,315	6,139	37,454	102	13	108	72.5	73.6
St. Mary's.....	Timmins.....	4,684	30,032	4,095	34,127	93	29	94	62.2	59.0
Mt. Sinai.....	Toronto.....	5,125	32,170	8,825	40,995	112	34	71	107.2	109.8
Wellesley.....	Toronto.....	4,022	33,084	5,585	38,669	106	24	116	92.2	91.9
Welland County General.....	Welland.....	3,865	24,989	6,528	31,517	86	37	16	46.1	43.1
Metropolitan General.....	Windsor.....	5,467	39,660	6,626	46,286	126	68	92	93.4	89.1
Salvation Army Grace.....	Windsor.....	6,225	51,717	9,858	61,575	168	11	223	134.6	140.2
TOTALS.....		116,024	978,782	165,627	1,144,409	3,126	785	2,889	80.4	79.9
GROUP 5 Capacity, 201 Beds and Over										
Brantford General†.....	Brantford.....	5,610	66,007	9,677	75,684	207	42	216	77.1	81.4
McKellar General.....	Fort William.....	6,481	61,841	6,525	68,366	187	50	114	76.1	73.0
Hamilton General†.....	Hamilton.....	20,882	223,703	34,469	258,172	705	122	822	81.1	81.0
St. Joseph's.....	Hamilton.....	6,737	56,935	9,482	66,417	181	41	193	88.9	88.5
Kingston General**.....	Kingston.....	9,691	103,792	8,546	112,338	307	60	393	86.5	87.0
St. Joseph's.....	London.....	7,309	76,559	12,606	89,165	244	34	241	81.1	83.4
Victoria†.....	London.....	11,049	151,915	10,823	162,738	445	88	481	76.4	75.0
Oshawa General.....	Oshawa.....	6,395	44,262	7,425	51,687	141	33	138	62.7	64.5
Ottawa Civic.....	Ottawa.....	16,670	220,841	21,811	242,652	663	92	640	78.4	79.9
Ottawa General.....	Ottawa.....	8,701	98,989	7,797	106,786	292	77	252	73.1	73.4
St. Joseph's General.....	Port Arthur.....	4,455	45,892	4,029	49,921	136	13	103	62.7	60.4
St. Joseph's.....	Sudbury.....	6,884	49,109	5,663	54,772	150	23	122	67.8	62.6
Hospital for Sick Children.....	Toronto.....	10,057	138,212		138,212	378	78	554	87.4	
St. Joseph's.....	Toronto.....	9,884	103,878	13,283	117,161	320	88	338	90.1	93.9
St. Michael's.....	Toronto.....	16,237	201,355	23,287	224,642	614	100	690	85.6	89.2
Toronto East General.....	Toronto.....	6,447	80,998	10,005	91,003	249	61	276	60.6	61.4
Toronto General.....	Toronto.....	24,537	362,908	30,599	393,507	1,075	227	1,284	86.7	81.5
Toronto Western.....	Toronto.....	13,915	165,159	22,610	187,769	513	129	611	87.1	87.0
Women's College.....	Toronto.....	5,647	41,696	13,233	54,929	150	75	257	73.0	70.1
Hotel Dieu.....	Windsor.....	9,454	67,591	14,707	82,298	225	14	184	83.6	84.9
TOTALS.....		207,042	2,361,642	266,577	2,628,219	7,182	1,447	7,909	80.3	79.9
GRAND TOTALS:										
Public General Hospitals.....		409,096	4,107,112	587,188	4,694,300	12,826	2,961	12,294	79.8	79.0
Red Cross Outposts.....		9,931	70,981	14,145	85,126	233	92	104	54.6	53.6
GRAND TOTALS incl. Red Cross.....		419,027	4,178,093	601,333	4,779,426	13,059	3,053	12,398	79.2	78.4

*Includes 87 isolation patients with 1,120 days.

†Includes 7 isolation patients with 177 days.

‡Includes 87 isolation patients with 1,970 days.

¶Includes 105 isolation patients with 2,684 days.

**Includes 191 isolation patients with 2,237 days.

‡‡Includes 145 isolation patients with 2,913 days.

GENERAL HOSPITALS (Cont'd)

TABLE No. III.—Showing the cost of operating the hospitals; also the average daily cost of each patient.

Name of Hospital	Location	Adult days plus 25% infant days	Cost of dietary supplies	Other operating costs	Total operating cost, excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
GROUP 1							
Capacity, 1 to 25 Beds							
Bowmanville.....	Bowmanville.....	6,389	4,941.24	22,623.93	27,565.17	4.31	
Haldimand War Memorial..	Dunville.....		Fin	ancial statement not submit			
Red Cross Memorial.....	Durham.....	3,659	2,080.97	11,950.62	14,031.59	3.83	337.61
Hanover Memorial.....	Hanover.....	3,453	2,317.19	11,877.11	14,194.30	4.11	
Notre Dame.....	Hawkesbury.....	6,464	4,070.82	16,984.69	21,055.51	3.26	
Rosedale War Memorial.....	Matheson.....	1,751	1,940.98	8,630.45	10,571.43	6.04	
Louise Marshall.....	Mount Forest.....	2,557	1,466.68	8,921.90	10,388.58	4.06	
Niagara Cottage.....	Niagara-on-the-Lake.....	3,616	2,762.27	14,033.19	16,795.46	4.64	
Palmerston General.....	Palmerston.....	4,831	3,197.54	14,760.20	17,957.74	3.72	
General.....	Penetanguishene.....	5,536	2,970.65	15,058.53	18,029.18	3.26	
Sioux Lookout General.....	Sioux Lookout.....	7,177	4,373.06	18,326.02	22,699.08	3.16	
Wingham General.....	Wingham.....	5,605	2,856.99	16,540.75	19,397.74	3.46	
TOTALS.....		51,048	32,978.39	159,707.39	192,685.78	3.77	337.61
GROUP 2							
Capacity, 26 to 50 Beds							
Stevenson Memorial.....	Alliston.....	7,195	5,000.72	27,808.71	32,809.43	4.56	
Rosamond Memorial.....	Almonte.....	5,774	3,681.55	18,635.15	22,316.70	3.87	
St. Joseph's General.....	Blind River.....	6,995	3,709.39	13,386.58	17,095.97	2.44	
Lady Minto.....	Chapleau.....	8,374	5,030.00	25,527.61	30,557.61	3.65	
Clinton Public.....	Clinton.....	5,987	4,962.71	15,928.50	20,891.21	3.49	12.48
Groves Memorial.....	Fergus.....	6,277	5,932.30	23,265.20	29,197.50	4.65	
Douglas Memorial.....	Port Erie.....	10,591	12,081.69	54,882.19	66,963.88	6.32	
La Verendrye.....	Port Frances.....	14,756	7,550.87	33,487.08	41,037.95	2.78	5,360.00
Alexandra Marine & Gen.....	Goderich.....	10,459	8,527.26	33,360.51	41,887.77	4.00	
Alexandra.....	Ingersoll.....	9,539	6,003.42	31,089.96	37,093.38	3.89	
Anson General.....	Iroquois Falls.....	6,478	7,520.45	34,210.89	36,798.78	6.44	
Kincardine General.....	Kincardine.....	6,462	4,731.45	21,229.74	25,961.19	4.02	
Memorial.....	Listowel.....	8,514	5,543.08	31,255.70	36,798.78	4.32	69.03
General.....	Mattawa.....	11,947	7,114.09	22,539.75	29,653.84	2.48	
St. Andrew's.....	Midland.....	11,771	7,647.12	31,716.77	39,363.89	2.66	
York County.....	Newmarket.....	12,594	7,347.76	39,540.09	46,887.85	3.72	210.00
Queen Victoria Memorial.....	North Bay.....	11,872	9,867.77	48,510.75	58,378.52	4.92	1,246.76
Lord Dufferin.....	Orangeville.....	10,035	8,434.39	29,861.25	38,295.64	3.82	
Willett.....	Paris.....	7,687	5,959.34	24,714.30	30,673.64	3.99	
Parry Sound General.....	Parry Sound.....	10,658	5,792.99	17,211.74	23,004.73	2.16	
Charlotte E. Englehart.....	Petrolia.....	9,904	7,407.87	39,542.67	46,950.54	4.74	
Scott Memorial.....	Seaforth.....		Fin	ancial statement not submit			
St. Francis General.....	Smith's Falls.....	11,938	11,501.52	26,239.50	37,741.02	3.16	207.12
Porcupine General.....	South Porcupine.....	7,387	6,949.74	29,972.99	36,922.73	5.00	
Strathroy General.....	Strathroy.....	12,026	8,040.81	33,626.71	41,667.52	3.46	
St. Jean de Brebeuf.....	Sturgeon Falls.....	12,104	6,063.90	22,792.73	28,856.63	2.38	
Soldiers' Memorial.....	Tillsonburg.....	12,820	7,113.61	39,320.79	46,434.40	3.62	
Lockwood Clinic.....	Toronto.....	10,015	4,172.92	41,384.84	45,557.76	4.55	
County of Bruce General.....	Walkerton.....	9,552	6,000.44	28,910.23	34,910.67	3.65	
TOTALS.....		272,721	189,689.16	839,952.93	1,029,642.09	3.78	7,105.39
GROUP 3							
Capacity, 51 to 100 Beds							
Royal Victoria.....	Barrie.....	23,168	16,115.82	60,025.94	76,141.76	3.29	
Peel Memorial.....	Brampton.....	13,333	9,953.33	48,071.80	58,025.13	4.35	200.00
St. Vincent de Paul.....	Brockville.....	22,865	24,690.14	70,165.53	94,855.67	4.15	1,001.88
Cobourg General.....	Cobourg.....	7,456	3,894.47	26,359.99	30,254.46	4.06	
Lady Minto.....	Cochrane.....	14,875	10,843.37	31,675.52	42,518.89	2.86	
General and Marine.....	Collingwood.....	16,295	12,879.54	49,064.48	61,944.02	3.80	
Cornwall General.....	Cornwall.....	21,204	22,302.81	74,754.88	97,057.69	4.58	
Galt.....	Galt.....	22,605	26,795.02	102,530.04	129,325.06	5.72	
Misericordia.....	Haileybury.....	14,962	8,585.13	31,297.35	39,882.48	2.67	2,675.73
St. Paul's.....	Hearst.....	23,817	11,840.08	45,445.79	57,285.87	2.41	
Kenora General.....	Kenora.....	12,388	10,143.42	30,429.95	40,573.37	3.28	342.00
St. Joseph's.....	Kenora.....	12,690	9,874.75	26,193.19	36,067.94	2.84	3,270.00
The Ross Memorial.....	Lindsay.....	20,833	13,958.51	49,829.78	63,788.29	3.06	
Orillia Soldiers' Memorial.....	Orillia.....	27,294	17,631.88	82,567.07	100,198.95	3.67	
Salvation Army Grace.....	Ottawa.....	28,638	18,864.53	90,300.84	109,165.37	3.81	
St. Joseph's General.....	Parry Sound.....	7,686	5,963.05	23,873.84	29,836.89	3.88	1,462.50
Pembroke Cottage.....	Pembroke.....	16,377	15,133.82	59,348.81	74,482.63	4.55	
Great War Memorial.....	Perth.....	16,667	15,247.94	48,959.63	64,207.57	3.85	
Prince Edward County.....	Pictou.....	13,142	9,564.26	30,978.44	40,542.70	3.08	
The Port Hope.....	Port Hope.....	9,436	7,072.63	32,438.74	39,511.37	4.19	
Victoria.....	Renfrew.....	14,072	11,215.81	39,069.63	50,285.44	3.57	3,376.06

GENERAL HOSPITALS (Cont'd)

TABLE No. III.—Showing the cost of operating the hospitals; also the average daily cost of each patient.

Name of Hospital	Location	Adult days plus 25% infant days	Cost of dietary supplies	Other operating costs	Total operating cost, excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
Group 3 (Cont'd)			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Plummer Memorial.....	Sault Ste. Marie.....	15,800	15,457.12	56,597.85	72,054.97	4.56	1,600.00
Norfolk General.....	Simcoe.....	17,184	12,328.59	76,813.50	89,142.09	5.19	
Smith's Falls Public.....	Smith's Falls.....	13,823	11,847.25	44,628.60	56,475.85	4.09	
Mothercraft.....	Toronto.....	8,570	7,597.27	22,843.46	30,440.73	3.55	
Salvation Army Grace.....	Toronto.....	25,554	18,797.00	100,566.43	119,363.43	4.67	
Woodstock General.....	Woodstock.....	28,556	27,899.10	103,905.94	131,805.04	4.62	200.00
TOTALS.....		469,288	376,496.64	1,458,737.02	1,835,233.66	3.91	14,128.17
GROUP 4							
Capacity, 101 to 200 Beds							
Belleville General.....	Belleville.....	52,440	47,676.82	189,421.27	237,098.09	4.52	2,145.47
Brockville General.....	Brockville.....	32,791	31,248.91	84,893.60	116,142.51	3.54	
Public General.....	Chatham.....	34,304	28,469.35	114,514.50	142,983.85	4.17	
St. Joseph's.....	Chatham.....	32,862	32,529.86	93,118.10	125,647.96	3.82	263.04
Hotel Dieu.....	Cornwall.....	36,516	24,182.69	84,896.79	109,079.48	2.99	10,175.15
Guelph General.....	Guelph.....	32,810	29,775.90	105,074.83	134,850.73	4.11	
St. Joseph's.....	Guelph.....	26,166	31,219.29	84,096.01	115,315.30	4.41	
Hotel Dieu.....	Kingston.....	55,889	56,916.45	144,043.13	200,959.58	3.60	6,242.22
Kitchener-Waterloo.....	Kitchener.....	42,888	37,439.90	173,441.24	210,881.14	4.92	450.41
St. Mary's.....	Kitchener.....	37,384	33,547.19	100,358.84	133,906.03	3.58	3,714.44
Niagara Falls General.....	Niagara Falls.....	42,637	30,595.42	119,325.92	149,921.34	3.52	
St. Joseph's General.....	North Bay.....	24,751	16,900.28	61,124.44	78,024.72	3.15	10,074.67
General and Marine.....	Owen Sound.....	28,343	24,407.42	124,885.50	149,292.92	5.27	880.00
General.....	Pembroke.....	29,860	23,696.78	91,619.02	115,315.80	3.86	
Nicholls.....	Peterborough.....	36,915	33,833.72	168,353.17	202,186.89	5.48	
St. Joseph's.....	Peterborough.....	27,428	21,405.78	78,857.43	100,263.21	3.66	
General.....	Port Arthur.....	37,175	30,161.24	124,468.05	154,629.29	4.16	21,275.65
St. Catharines General.....	St. Catharines.....	47,363	43,579.84	206,422.13	250,001.97	5.28	
Memorial.....	St. Thomas.....	38,451	41,364.09	155,577.20	196,941.29	5.12	12,427.29
Sarnia General.....	Sarnia.....	43,229	43,759.29	175,186.39	218,945.68	5.06	
General.....	Sault Ste. Marie.....	25,108	21,219.48	90,966.22	112,185.70	4.47	
Stratford General.....	Stratford.....	32,850	24,143.48	104,208.82	128,352.30	3.91	
St. Mary's.....	Timmins.....	31,056	24,041.38	111,496.01	135,537.39	4.36	
Mt. Sinai.....	Toronto.....	34,376	30,432.03	174,340.69	204,772.72	5.96	579.58
Wellesley.....	Toronto.....	34,480	53,527.15	182,145.06	235,672.21	6.84	479.35
Welland County General.....	Welland.....	26,621	22,747.04	129,410.72	152,157.76	5.72	
Metropolitan General.....	Windsor.....	41,317	32,453.22	256,241.53	288,694.75	6.99	
Salvation Army Grace.....	Windsor.....	54,182	50,443.69	192,705.42	243,149.11	4.49	
TOTALS.....		1,020,192	921,717.69	3,721,192.03	4,642,909.72	4.55	68,707.27
GROUP 5							
Capacity, 201 Beds and Over							
Brantford General.....	Brantford.....	68,426	50,152.15	261,484.98	311,637.13	4.55	
McKellar General.....	Fort William.....	63,472	41,870.62	200,437.22	242,307.84	3.82	14,986.29
Hamilton General.....	Hamilton.....	232,320	187,985.31	976,424.94	1,164,410.25	5.01	28,626.73
St. Joseph's.....	Hamilton.....	59,306	59,421.38	167,770.15	227,191.53	3.83	
Kingston General.....	Kingston.....	105,929	117,248.80	386,329.15	503,577.95	4.75	8,962.87
St. Joseph's.....	London.....	79,711	68,037.34	207,128.76	275,166.10	3.45	14,579.21
Victoria.....	London.....	154,621	124,672.93	691,529.06	816,201.99	5.28	33,561.45
Oshawa General.....	Oshawa.....	46,118	44,409.61	188,690.03	233,099.64	5.05	
Ottawa Civic.....	Ottawa.....	226,294	209,246.76	840,707.95	1,049,954.71	4.64	100,326.87
Ottawa General.....	Ottawa.....	100,938	59,976.87	313,123.00	373,099.87	3.70	27,727.78
St. Joseph's General.....	Port Arthur.....	46,899	33,661.24	140,791.03	174,452.27	3.72	
St. Joseph's.....	Sudbury.....	50,525	31,162.43	198,188.92	229,351.35	4.54	13,156.16
Hospital for Sick Children.....	Toronto.....	138,212	108,262.95	568,575.31	676,838.26	4.90	
St. Joseph's.....	Toronto.....	107,199	85,586.91	313,660.83	399,247.74	3.72	18,088.40
St. Michael's.....	Toronto.....	207,177	193,862.18	739,807.78	933,669.96	4.51	44,663.88
Toronto East General.....	Toronto.....	83,499	73,423.95	306,227.26	379,651.21	4.55	
Toronto General.....	Toronto.....	370,558	276,822.93	1,865,653.85	2,142,476.78	5.78	
Toronto Western.....	Toronto.....	170,812	164,971.55	801,817.26	966,788.81	5.66	6,679.83
Women's College.....	Toronto.....	45,004	39,984.13	232,879.43	272,863.56	6.06	4,465.30
Hotel Dieu.....	Windsor.....	71,268	76,450.81	247,333.97	323,784.78	4.54	9,328.74
TOTALS.....		2,428,288	2,047,210.85	9,648,560.88	11,695,771.73	4.82	325,153.51
GRAND TOTALS:							
Public General Hospitals.....		4,241,537	3,568,092.73	15,828,150.25	19,396,242.98	4.57	415,431.95
Red Cross Outposts.....		*85,126	58,304.42	300,551.39	358,855.81	4.01	
GRAND TOTALS incl. Red Cross.....		4,326,663	3,626,397.15	16,128,701.64	19,755,098.79	4.57	415,431.95

*Adult days plus 100% infant days.

NOTE.—Total operating cost includes expense of operating Out-Patient Department.

GENERAL HOSPITALS (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building, debentures, etc.	Total income from all sources other than Government grants
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
GROUP 1 Capacity, 1 to 25 Beds							
Bowmanville.....	Bowmanville.....	20,918.86	3,054.76	852.53	5.00		24,831.15
Haldimand War Memorial.....	Dunnville.....		Fin	ancial statem	ent not subm	itted.	
Red Cross Memorial.....	Durham.....	9,910.11	1,663.16	9.70	1,024.00		12,606.97
Hanover Memorial.....	Hanover.....	11,123.04	2,082.00	17.74	1,023.06		14,245.84
Notre Dame.....	Hawkesbury.....	16,046.04	4,077.75	87.05	70.00		20,280.84
Rosedale War Memorial.....	Matheson.....	3,689.55	531.75	271.88	6,935.00		11,428.18
Louise Marshall.....	Mount Forest.....	8,901.64	478.25	156.25	25.00		9,561.14
Niagara Cottage.....	Niagara-on-Lake.....	10,080.86	5,833.25	270.54	2,754.97		18,939.62
Palmerston General.....	Palmerston.....	20,586.68	1,112.74	29.72	544.60		22,273.74
General.....	Penetanguishene.....	13,063.31	2,277.35		2,520.76		17,861.42
Sioux Lookout General.....	Sioux Lookout.....	22,791.21	82.50	719.91	1,753.57		25,347.19
Wingham General.....	Wingham.....	19,030.24	1,294.25	854.29	2,054.38		23,233.16
TOTALS.....		156,141.54	22,487.76	3,269.61	18,710.34		200,609.25
GROUP 2 Capacity, 26 to 50 Beds							
Stevenson Memorial.....	Alliston.....	23,143.05	1,871.30	15,982.04			40,996.39
Rosamond Memorial.....	Almonte.....	16,649.10	1,073.85	1,940.61	1,488.98		21,152.54
St. Joseph's General.....	Blind River.....	15,191.70	1,024.30	45.17	1,342.52		17,603.69
Lady Minto.....	Chapleau.....	24,624.21	15.75	1,513.45	1,946.90		28,100.31
Clinton Public.....	Clinton.....	20,515.83	1,755.00		44.00		22,314.83
Groves Memorial.....	Fergus.....	25,320.63	2,483.50		247.51		28,051.64
Douglas Memorial.....	Fort Erie.....	54,795.20	5,642.65	3,818.90	999.50		65,256.25
La Verendrye.....	Fort Frances.....	55,199.35	3,514.40	89.85	127.83		58,931.43
Alexandra Marine & Gen.....	Goderich.....	33,990.59	4,760.85	2,724.77	1,905.93		43,382.14
Alexandra.....	Ingersoll.....	30,574.66	4,526.45	1,551.52	1,143.99		37,796.62
Anson General.....	Iroquois Falls.....	21,274.67	3,318.13				24,592.80
Kincardine General.....	Kincardine.....	22,102.84	4,250.00	712.14	336.15		27,401.13
Memorial.....	Listowel.....	38,511.33	2,650.00	1,401.09	44.14		42,606.56
General.....	Matawa.....	10,145.74	11,420.02	5,319.74			26,885.50
St. Andrew's.....	Midland.....	36,484.93	4,335.60	1,267.41	375.93		42,463.87
York County.....	Newmarket.....	45,928.87	6,138.75	1,705.31			53,772.93
Queen Victoria Memorial.....	North Bay.....	51,110.26	3,500.00	6.00	593.00	1,321.76	56,531.02
Lord Dufferin.....	Orangeville.....	36,456.03	4,492.50	807.62	401.50		42,157.65
Willett.....	Paris.....	25,549.18	3,413.90	1,718.87	795.33		31,477.28
Parry Sound General.....	Parry Sound.....	23,735.17	3,034.90		673.03		27,443.10
Charlotte E. Englehart.....	Petrolia.....	35,024.30	1,723.20	1,024.00	394.91		48,166.41
Scott Memorial.....	Seaford.....		Fin	ancial statem	ent not subm	itted.	
St. Francis General.....	Smith's Falls.....	32,454.98	5,434.25	2,828.40	6,475.74		47,193.37
Porcupine General.....	South Porcupine.....	33,634.27	935.34	1,145.83	248.81		35,964.25
Strathroy General.....	Strathroy.....	32,724.26	6,771.70	1,222.75	343.74		41,062.45
St. Jean de Brebeuf.....	Sturgeon Falls.....	16,354.81	9,226.00	85.75	150.00		25,816.56
Soldiers' Memorial.....	Tillsonburg.....	44,636.59	3,385.84	4,654.15	149.81		52,826.39
Lockwood Clinic.....	Toronto.....	56,697.73	254.04	595.53			57,547.30
County of Bruce General.....	Walkerton.....	31,454.11	3,878.85	873.58	33,404.96		69,611.50
TOTALS.....		894,284.39	104,831.07	63,034.48	53,634.21	1,321.76	1,117,105.91
GROUP 3 Capacity, 51 to 100 Beds							
Royal Victoria.....	Barrie.....	71,588.25	6,014.50	1,071.46			78,674.21
Peel Memorial.....	Brampton.....	51,389.85	3,621.60	996.11	3,238.62		59,246.18
St. Vincent de Paul.....	Brockville.....	82,187.40	4,971.45	88.00	22,841.71		110,089.56
Cobourg General.....	Cobourg.....	27,196.67	2,401.30	1,414.27	486.00		31,498.24
Lady Minto.....	Cochrane.....	19,310.18	4,383.90	250.29	293.30		24,237.67
General and Marine.....	Collingwood.....	56,566.97	3,235.90	733.12	4,231.25		64,767.24
Cornwall General.....	Cornwall.....	78,182.84	6,295.77	5,633.13	1,881.00		91,992.74
Galt.....	Galt.....	93,680.45	2,627.33	915.46	146.00		97,369.24
Misericordia.....	Haileybury.....	27,231.81	5,700.00	766.93	5,949.15		39,647.89
St. Paul's.....	Hearst.....	42,540.78	1,150.20	183.98	14,991.90		58,866.86
Kenora General.....	Kenora.....	35,311.70	7,252.13	1,185.42	1,562.33		45,311.58
St. Joseph's.....	Kenora.....	26,241.10	5,909.75	321.95	5,817.75		38,290.55
The Ross Memorial.....	Lindsay.....	65,519.38	6,424.20	3,398.76			75,342.34
Orillia Soldiers' Memorial.....	Orillia.....	92,698.38	2,679.50	1,160.68			96,538.56
Salvation Army Grace.....	Ottawa.....	100,355.08	615.05	58.26	6,856.80		107,885.19
St. Joseph's General.....	Parry Sound.....	22,953.18	1,198.60	105.87	8,510.56		32,768.21
Pembroke Cottage.....	Pembroke.....	67,206.58	2,835.50	3,205.04	81.92		73,329.04
Great War Memorial.....	Perth.....	62,656.89	2,813.35	2,362.25			67,832.49
Prince Edward County.....	Pictou.....	38,746.87	3,975.70	1,217.70	1,746.19		45,686.46
The Port Hope.....	Port Hope.....	31,404.05	5,289.40	1,543.11	3,124.00		41,360.56
Victoria.....	Renfrew.....	41,512.90	5,248.35	932.89	100.00		47,794.14

GENERAL HOSPITALS (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Grants from municipalities for building, debentures, etc.	Total income from all sources other than Government grants
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Group 3 (Cont'd)							
Plummer Memorial.....	Sault Ste. Marie.	66,637.29	1,533.80	266.56	25.00		68,462.65
Norfolk General.....	Simcoe.	75,413.12	10,933.31	969.85	1,478.67		88,794.95
Smith's Falls Public.....	Smith's Falls.....	43,633.78	12,962.74	1,806.19	3,444.25		61,846.96
Mothercraft.....	Toronto	16,418.37	1,761.75	2,725.58			20,905.70
Salvation Army Grace.....	Toronto	118,271.70	1,851.59	840.66	660.00		121,623.95
Woodstock General.....	Woodstock.....	109,348.51	19,596.38	1,560.22	2,160.18		132,665.29
TOTALS.....		1,564,204.08	133,283.05	35,713.74	89,626.58		1,822,827.45
GROUP 4							
Capacity, 101 to 200 Beds							
Belleville General.....	Belleville.....	231,754.57	18,259.00	2,463.21			252,476.78
Brockville General.....	Brockville.....	121,630.70	8,912.00	7,940.25	12,753.06		151,236.01
Public General.....	Chatham.....	143,551.18	11,980.43	12.00	7,811.37		166,354.98
St. Joseph's.....	Chatham.....	133,349.06	8,134.05	2,162.43	17,437.77		161,083.31
Hotel Dieu.....	Cornwall.....	87,092.27	26,024.60	1,637.61	136.00		114,890.48
Guelph General.....	Guelph.....	119,831.85	10,304.20	4,336.39		2,000.00	136,472.44
St. Joseph's.....	Guelph.....	104,531.72	8,218.44	25.21	664.55		113,439.92
Hotel Dieu.....	Kingston.....	179,194.53	22,725.66	3,831.29	35,810.43		241,561.91
Kitchener-Waterloo.....	Kitchener.....	175,494.37	63,058.78	5,415.81			243,968.96
St. Mary's.....	Kitchener.....	148,608.43	13,842.02	5,302.11	16,778.36		184,530.92
Niagara Falls General.....	Niagara Falls.....	186,735.07	14,950.70	3,543.22	12,532.83		217,761.82
St. Joseph's General.....	North Bay.....	70,340.65	11,982.10	2,313.38	11,229.02		95,865.15
General and Marine.....	Owen Sound.....	135,905.93	7,361.87	1,361.08	3,284.73		148,454.61
General.....	Pembroke.....	80,826.24	8,830.75	35.03	11,457.50		101,149.52
Nicholls.....	Peterborough.....	140,486.88	6,344.75	10,967.63			157,799.26
St. Joseph's.....	Peterborough.....	98,631.73	3,778.75	1,323.26	10,590.00		120,329.74
General.....	Port Arthur.....	143,597.03	9,959.79	11,211.89			166,768.71
St. Catharines General.....	St. Catharines.....	233,646.27	10,978.70	4,093.02	3,917.00		252,634.99
Memorial.....	St. Thomas.....	167,770.77	39,660.35	3,684.33		12,427.29	223,542.74
Sarnia General.....	Sarnia.....	205,988.72	31,703.50	3,270.33	2,100.00		241,062.55
General.....	Sault Ste. Marie.....	94,283.93	5,291.60	4,198.70	795.20		104,571.43
Stratford General.....	Stratford.....	124,598.99	12,210.15	971.46	1,016.13		138,796.73
St. Mary's.....	Timmins.....	124,736.79	8,281.75	26,083.07	16,782.76		175,884.37
Mt. Sinai.....	Toronto.....	175,499.48	10,669.69		27,163.31		216,332.48
Wellesley.....	Toronto.....	236,157.92	1,617.00	1,774.99			239,549.91
Welland County General.....	Welland.....	125,462.32	8,487.35	2,157.99	9,487.83		143,595.49
Metropolitan General.....	Windsor.....	234,065.89	4,814.75	3,210.51	119.25		242,210.40
Salvation Army Grace.....	Windsor.....	238,738.98	6,599.25	1,164.89	134.00		246,637.12
TOTALS.....		4,268,514.27	395,522.98	112,491.09	208,007.10	14,427.29	4,998,962.73
GROUP 5							
Capacity, 201 Beds and Over							
Brantford General.....	Brantford.....	245,713.90	28,122.08	783.23	1,815.55		276,434.76
McKellar General.....	Fort William.....	213,555.85	60,867.39	143.60	1,685.84		276,252.68
Hamilton General.....	Hamilton.....	741,778.45	93,127.25				834,905.70
St. Joseph's.....	Hamilton.....	243,418.83	8,365.80	647.72	27,135.15		279,567.50
Kingston General.....	Kingston.....	449,751.83	37,426.50	25,192.19	1,118.30		513,488.82
St. Joseph's.....	Kingston.....	329,503.04	16,608.75	9,857.80	41,320.86		397,291.45
Victoria.....	London.....	583,195.54	192,790.83	2,310.10		33,561.45	811,866.92
Oshawa General.....	Oshawa.....	231,866.92	3,140.02	8,805.94			243,312.88
Ottawa Civic.....	Ottawa.....	873,404.23	123,026.80	16,604.30		100,326.87	1,113,452.20
Ottawa General.....	Ottawa.....	361,343.45	47,128.99	2,518.23	15,090.84		426,081.51
St. Joseph's General.....	Port Arthur.....	185,316.13	17,500.00	15,185.43			218,001.56
St. Joseph's.....	Sudbury.....	213,965.54	15,899.65	2,779.92	10,584.36		243,229.47
Hosp. for Sick Children.....	Toronto.....	282,989.72	147,430.42	84,507.77	108,820.43		625,748.34
St. Joseph's.....	Toronto.....	412,346.42	49,936.76	362.06	33,258.75		495,903.99
St. Michael's.....	Toronto.....	765,212.73	165,582.47	4,231.79	77,148.00		1,012,174.99
Toronto East General.....	Toronto.....	390,696.97	27,332.94	12,752.48	1,412.50		432,194.89
Toronto General.....	Toronto.....	1,717,995.37	259,658.64	94,490.25	14,191.94		2,086,336.20
Toronto Western.....	Toronto.....	812,201.95	104,593.17	10,240.23			927,035.35
Women's College.....	Toronto.....	259,719.25	13,475.37	170.62			273,365.24
Hotel Dieu.....	Windsor.....	315,350.34	10,255.29	8,071.31	47,228.14		380,905.08
TOTALS.....		9,629,416.46	1,422,279.12	299,154.97	380,810.66	133,888.32	11,865,549.53
GRAND TOTALS:							
Public General Hospitals.....		16,512,560.74	2,078,403.98	513,663.89	750,788.89	149,637.37	20,005,054.87
Red Cross Outposts.....		253,278.60	12,308.00	3,291.94	19,178.57		288,057.11
GRAND TOTALS incl. Red Cross.....		16,765,839.34	2,090,711.98	516,955.83	769,967.46	149,637.37	20,293,111.98

GENERAL HOSPITALS (Cont'd)

TABLE No. V.—Showing the basis on which the statutory and additional aid is granted.

Name of Hospital	Location	Days at 75c.	Days at 10c.	Days at 50c.	Infants born, days at 30c.	Amount	Grant for indigents from unor- ganized territory	Adjustments		Total Govern- ment grant
								Debit	Credit	
						\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
GROUP 1										
Capacity, 1 to 25 Beds										
Bowmanville.....	Bowmanville.....	862	27	489	220	959.70		6.60		953.10
Haldimand War Mem.....	Dunnville.....	748	333		19	600.00				600.00
Red Cross Memorial.....	Durham.....	98	366			110.10			2.40	112.50
Hanover Memorial.....	Hanover.....	366	590		93	361.40		21.30		340.10
Notre Dame.....	Hawkesbury.....	2,529			73	1,918.65				1,918.65
Rosedale War Memorial.....	Matheson.....	242		236	57	316.60	1,080.00	16.70		1,379.90
Louise Marshall.....	Mount Forest.....	239	96		186	244.65				244.65
Niagara Cottage.....	Niagara-on-Lake.....	744		249		682.50		51.40		631.10
Palmerston General.....	Palmerston.....	630			6	474.30		88.20		386.10
General.....	Penetanguishene.....	1,023	582		102	856.05	638.00	10.50		1,483.55
Sioux Lookout General.....	Sioux Lookout.....	44				33.00	557.00	49.00		541.00
Wingham General.....	Wingham.....	24	89			26.90				26.90
TOTALS.....		7,549	2,083	974	756	6,583.85	2,275.00	243.70	2.40	8,617.55
GROUP 2										
Capacity, 26 to 50 Beds										
Stevenson Memorial.....	Alliston.....	1,406	160		348	1,174.90		7.80		1,167.10
Rosamond Memorial.....	Almonte.....	1,502			439	1,258.20		17.10		1,241.10
St. Joseph's General.....	Blind River.....	1,010	280		207	847.60	4,899.25	108.20		5,638.65
Lady Minto.....	Chapleau.....	415			3	312.15	1,488.50	23.10		1,777.55
Clinton Public.....	Clinton.....	436	165		23	350.40		10.80		339.60
Groves Memorial.....	Fergus.....	194		1,098	27	702.60				702.60
Douglas Memorial.....	Port Erie.....	197		796		545.75		30.00		575.75
La Verendrye.....	Port Frances.....	3,517	298		313	2,761.45	1,386.80	57.90		4,090.35
Alexandra Mar. & Gen.....	Goderich.....	2,950	1,026	166	343	2,501.00		33.00		2,534.00
Alexandra.....	Ingersoll.....	641	719		22	559.25				559.25
Anson General.....	Iroquois Falls.....	468	51		20	362.10	1,962.10	14.20		2,338.40
Kincardine General.....	Kincardine.....	1,144	764		69	955.10		42.00		913.10
Memorial.....	Listowel.....	612	7		57	476.80		100.80		376.00
General.....	Mattawa.....	3,312	142	2,781	285	3,974.20	5,607.50	16.80		9,564.90
St. Andrew's.....	Midland.....	1,955	2,650		51	1,746.55		17.10		1,763.65
York County.....	Newmarket.....	1,529	482		105	1,226.45		41.10		1,267.55
Queen Victoria Memorial.....	North Bay.....	1,307	306		49	1,025.55	525.25	9.60		1,560.40
Lord Dufferin.....	Orangeville.....	984	451		22	789.70		31.80		757.90
Willett.....	Paris.....	780		1,242	114	1,240.20				1,240.20
Parry Sound General.....	Parry Sound.....	3,169	816		451	2,593.65	1,680.50	25.65		4,248.50
Charlotte E. Englehart.....	Petrolia.....	1,015	260		2	787.85		12.00		775.85
Scott Memorial.....	Seaforth.....	765	48			578.55		6.60		571.95
St. Francis General.....	Smith's Falls.....	1,109	3,015		51	1,148.55				1,148.55
Porcupine General.....	South Porcupine.....	320	150			255.00	179.35		13.20	447.55
Strathroy General.....	Strathroy.....	2,695	148	785	36	2,439.35		136.80		2,576.15
St. Jean de Brebeuf.....	Sturgeon Falls.....	6,330	246		392	4,889.70	6,682.00	4.80		11,566.90
Soldiers' Memorial.....	Tillsonburg.....	1,397	414		102	1,119.75		89.10		1,208.85
Lockwood Clinic.....	Toronto.....	116				87.00				87.00
County of Bruce General.....	Walkerton.....	1,618	96	244	47	1,359.20		53.70		1,305.50
TOTALS.....		42,893	12,694	7,112	3,578	38,068.55	24,411.25	519.05	384.10	62,344.85
GROUP 3										
Capacity, 51 to 100 Beds										
Royal Victoria.....	Barrie.....	6,665	859		1,508	5,537.05		73.80		5,610.85
Peel Memorial.....	Brampton.....	611	68		33	474.95				474.95
St. Vincent de Paul.....	Brockville.....	1,534	1,344		31	1,294.20				1,294.20
Cobourg General.....	Cobourg.....	1,425		62	178	1,153.15		28.20		1,181.35
Lady Minto.....	Cochrane.....	968	1,086		137	875.70	16,645.00	262.30		17,258.40
General and Marine.....	Collingwood.....	3,193	1,943		282	2,673.65		93.90		2,579.75
Cornwall General.....	Cornwall.....	4,597	131		500	3,610.85	387.75			3,998.60
Galt.....	Galt.....	2,145	441		321	1,912.65				1,912.65
Misericordia.....	Haileybury.....	1,574		2,555	15	2,462.50	11,207.75	27.80		13,642.45
St. Paul's.....	Hearst.....	1,531			77	1,171.35	29,660.00	348.55		30,482.80
Kenora General.....	Kenora.....	2,349	1,027	2,152	343	3,043.35	1,159.75	82.10		4,121.00
St. Joseph's.....	Kenora.....	2,701	2,942		298	2,409.35	2,043.75	69.60		4,383.50
The Ross Memorial.....	Lindsay.....	6,272	517	810	768	5,391.10		84.20		5,306.90
Orillia Soldiers' Memorial.....	Orillia.....	8,036	486		834	6,325.80		181.00		6,144.80
Salvation Army Grace.....	Ottawa.....	3,494			2,853	3,476.40				3,476.40
St. Joseph's General.....	Parry Sound.....	1,972			512	1,632.60	1,501.25	56.70		3,077.15
Pembroke Cottage.....	Pembroke.....	2,975	815		238	2,384.15	55.00	6.00		2,445.15
Great War Memorial.....	Perth.....	1,882	808		132	1,531.90		45.00		1,486.90
Prince Edward County.....	Pictou.....	3,029	673		282	2,423.65		139.50		2,284.15
The Port Hope.....	Port Hope.....	1,591	370	704	9	1,584.95		38.40		1,546.55
Victoria.....	Renfrew.....	1,645	770	759	20	1,696.25	85.25	5.40		1,776.10

GENERAL HOSPITALS (Cont'd)

TABLE No. V.—Showing the basis on which the statutory and additional aid is granted.

Name of Hospital	Location	Days at 75c.	Days at 10c.	Days at 50c.	Infants born, days at 30c.	Amount	Grant for indigents from unorganized territory		Adjustments		Total Government grant
							\$ c.	\$ c.	\$ c.	\$ c.	
Group 3 (Cont'd)											
Plummer Memorial.....	Sault Ste. Marie.	501	288		10	407.55		894.50	13.00		1,289.05
Norfolk General.....	Simcoe	2,302	339		154	1,806.60			43.80		1,762.80
Smith's Falls Public.....	Smith's Falls	1,433		491	21	1,529.05					1,529.05
Mothercraft.....	Toronto	4,431	816			3,404.85			7.80		3,397.05
Salvation Army Grace.....	Toronto	602			318	546.90			24.00		522.90
Woodstock General.....	Woodstock	4,428	963	732	462	3,921.90					3,921.90
TOTALS.....		73,886	18,711	8,592	10,336	64,682.40	63,640.00	1,523.05	108.00		126,907.35
GROUP 4											
Capacity, 101 to 200 Beds											
Belleville General.....	Belleville	8,101	786		118	6,189.75					6,189.75
Brockville General.....	Brockville	3,754	2,319		147	3,091.50					3,091.50
Public General.....	Chatham	4,544	630		271	3,552.30			45.90		3,506.40
St. Joseph's.....	Chatham	2,869	26	228	152	2,313.95				71.10	2,385.05
Hotel Dieu.....	Cornwall	16,947	463	9	1,968	13,351.45					13,351.45
Guelph General.....	Guelph	5,817	3,093	323	161	4,881.85			19.20		4,862.65
St. Joseph's.....	Guelph	4,574	785		143	3,551.90			61.90		3,490.00
Hotel Dieu.....	Kingston	15,029	1,626		1,548	11,898.75					11,898.75
Kitchener-Waterloo.....	Kitchener	5,044	1	4,593	370	6,250.60					6,250.60
St. Mary's.....	Kitchener	3,665	1,474		196	2,954.95					2,954.95
Niagara Falls General.....	Niagara Falls	3,805	2,079	735	200	3,489.50	154.00		52.80		3,596.30
St. Joseph's General.....	North Bay	8,346	1,203		1,118	6,715.20	4,701.50		168.31		11,248.39
General and Marine.....	Owen Sound	3,197		58	189	2,483.45			171.90		2,311.55
General.....	Pembroke	10,256	694	1,733	1,573	9,099.80		426.25	5.90		9,524.05
Nicholls.....	Peterborough	3,079	2,089		52	2,533.75				210.30	2,744.05
St. Joseph's.....	Peterborough	3,356	1,289		1,300	3,035.90			186.60		2,849.30
General.....	Port Arthur	9,326	6	1,917	87	8,217.30	3,292.00		310.90		11,198.40
St. Catharines General.....	St. Catharines	4,284	665		96	3,308.30					3,308.30
Memorial.....	St. Thomas	3,267	1,196		270	2,650.85			134.10		2,516.75
Sarnia General.....	Sarnia	4,318	581	16	64	3,233.80			94.50		3,229.30
General.....	Sault Ste. Marie	2,411		1,409	199	2,572.45	2,002.50		29.80		4,545.15
Stratford General.....	Stratford	4,418	295	1,184	387	4,051.10			26.30		4,024.80
St. Mary's.....	Timmins	2,625	804		1	2,044.45	2,445.25		21.40		4,473.30
Mount Sinai.....	Toronto	3,332	214		272	2,602.00					2,602.00
Wellesley.....	Toronto	454			37	490.50				133.40	623.90
Welland County General.....	Welland	2,117	388		37	1,637.65			4.80		1,632.85
Metropolitan General.....	Windsor	3,956	10	32	162	3,032.60			57.90		2,974.70
Salvation Army Grace.....	Windsor	3,897	749		307	3,089.75				105.40	3,195.15
TOTALS.....		146,988	23,465	12,237	12,380	122,420.00	13,021.50	1,392.21	520.20		134,569.49
GROUP 5											
Capacity, 201 Beds and Over											
Brantford General.....	Brantford	14,821	1,929		1,425	11,736.15				45.60	11,781.75
McKellar General.....	Fort William	17,550		6,923	1,434	17,054.20	9,406.25		468.45		25,992.00
Hamilton General.....	Hamilton	67,932	1	10,732	4,497	57,664.20			368.70		57,295.50
St. Joseph's.....	Hamilton	6,237	882		697	4,975.05					4,975.05
Kingston General.....	Kingston	30,321	3,012	971	1,600	24,007.45					24,007.45
St. Joseph's.....	London	11,552	322		345	8,799.70					8,799.70
Victoria.....	London	49,105	1,914	3,243	503	38,792.55					38,792.55
Oshawa General.....	Oshawa	4,790	86		524	3,758.30			144.60		3,613.70
Ottawa Civic.....	Ottawa	64,734	1,253	2,199	2,545	50,538.80				7.20	50,546.00
Ottawa General.....	Ottawa	34,152	137	354	1,156	26,151.50	1,454.75				27,606.25
St. Joseph's General.....	Port Arthur	9,859	3,228	948	681	8,395.35	7,708.25		2,406.55		13,697.05
St. Joseph's.....	Sudbury	8,800	365	247	171	6,811.30	7,950.75		177.90		14,939.95
Hosp. for Sick Children.....	Toronto	77,105	9,391			58,767.85	3,115.75		560.60		61,323.00
St. Joseph's.....	Toronto	20,712	765	2,451	538	16,997.40	277.75		112.00		17,163.15
St. Michael's.....	Toronto	68,719	280	2,466	4,007	54,002.35	1,007.25		169.60		54,930.00
Toronto East General.....	Toronto	12,298		1,672	219	10,125.20				17.50	10,142.70
Toronto General.....	Toronto	111,933	5,146	1,620	4,101	86,504.65	9,575.50		235.20		95,844.95
Toronto Western.....	Toronto	39,263	2,019	283	1,500	30,240.65	35.75		411.70		29,864.70
Women's College.....	Toronto	5,393		79	897	4,353.35			89.40		4,263.95
Hotel Dieu.....	Windsor	5,061	454		155	3,887.65			246.60		3,641.05
TOTALS.....		660,337	31,184	34,188	26,995	523,563.65	40,622.00	5,213.40	248.20		559,220.45
GRAND TOTALS:											
Public General Hospitals.....		931,653	88,137	63,103	54,045	755,318.45	143,969.75	8,891.41	1,262.90		891,659.69
Red Cross Outposts.....		15,399	1,720		3,264	12,700.45	11,198.00	809.70	217.40		23,306.15
GRAND TOTALS incl. Red Cross.....		947,052	89,857	63,103	57,309	768,018.90	155,167.75	9,701.11	1,480.30		914,965.84

GENERAL HOSPITALS (Cont'd)

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory

Name of Hospital	Location	No. of patients	Days at \$2.75	Days at \$2.00 incurable patients	Amount	No. of infants	Days at \$1.00	Amount	Total for indigents
					\$ c.			\$ c.	\$ c.
GROUP 1									
Capacity, 1 to 25 Beds									
Bowmanville.....	Bowmanville.....								
Haldimand War Mem.....	Dunnville.....								
Red Cross Memorial.....	Durham.....								
Hanover Memorial.....	Hanover.....								
Notre Dame.....	Hawkesbury.....								
Rosedale War Memorial.....	Matheson.....	21	356		979.00	10	101	101.00	1,080.00
Louise Marshall.....	Mount Forest.....								
Niagara Cottage.....	Niagara-on-Lake.....								
Palmerston General.....	Palmerston.....								
General.....	Penetanguishene.....	1	232		638.00				638.00
Sioux Lookout General.....	Sioux Lookout.....	30	200		550.00	1	7	7.00	557.00
Wingham General.....	Wingham.....								
TOTALS.....		52	788		2,167.00	11	108	108.00	2,275.00
GROUP 2									
Capacity, 26 to 50 Beds									
Stevenson Memorial.....	Alliston.....								
Rosamond Memorial.....	Almonte.....								
St. Joseph's General.....	Blind River.....	56	1,051	984	4,858.25	5	41	41.00	4,899.25
Lady Minto.....	Chapleau.....	30	538		1,479.50	2	9	9.00	1,488.50
Clinton Public.....	Clinton.....								
Groves Memorial.....	Fergus.....								
Douglas Memorial.....	Fort Erie.....								
La Verendrye.....	Fort Frances.....	24	497		1,366.75	2	20	20.00	1,386.80
Alexandra Mar. & Gen.....	Goderich.....								
Alexandra.....	Ingersoll.....								
Anson General.....	Iroquois Falls.....	47	683		1,878.25	9	84	84.00	1,962.10
Kincardine General.....	Kincardine.....								
Memorial.....	Listowel.....								
General.....	Mattawa.....	20	18	2,779	5,607.50				5,607.50
St. Andrew's.....	Midland.....								
York County.....	Newmarket.....								
Queen Victoria.....	North Bay.....	5	191		525.25				525.25
Lord Dufferin.....	Orangeville.....								
Willett.....	Paris.....								
Parry Sound General.....	Parry Sound.....	17	606		1,666.50	1	14	14.00	1,680.50
Charlotte E. Englehart.....	Petrolia.....								
Scott Memorial.....	Seaforth.....								
St. Francis General.....	Smith's Falls.....								
Porcupine General.....	South Porcupine.....	5	62		170.50	1	9	9.00	179.35
Strathroy General.....	Strathroy.....								
St. Jean de Brebeuf.....	Sturgeon Falls.....	112	2,324		6,391.00	26	291	291.00	6,682.00
Soldiers' Memorial.....	Tillsonburg.....								
Lockwood Clinic.....	Toronto.....								
County of Bruce General.....	Walkerton.....								
TOTALS.....		316	5,970	3,763	23,943.50	46	468	468.00	24,411.25
GROUP 3									
Capacity, 51 to 100 Beds									
Royal Victoria.....	Barrie.....								
Peel Memorial.....	Brampton.....								
St. Vincent de Paul.....	Brockville.....								
Cobourg General.....	Cobourg.....								
Lady Minto.....	Cochrane.....	54	4,052	2,666	16,475.00	4	170	170.00	16,645.00
General and Marine.....	Collingwood.....								
Cornwall General.....	Cornwall.....	1	141		387.75				387.75
Galt.....	Galt.....								
Misericordia.....	Haileybury.....	84	557	4,809	11,149.75	6	58	58.00	11,207.75
St. Paul's.....	Hearst.....	595	10,376	304	29,142.00	50	518	518.00	29,660.00
Kenora General.....	Kenora.....	15	173	337	1,149.75	1	10	10.00	1,159.75
St. Joseph's.....	Kenora.....	10	329	568	2,040.75	1	3	3.00	2,043.75
The Ross Memorial.....	Lindsay.....								
Orillia Soldiers' Memorial.....	Orillia.....								
Salvation Army Grace.....	Ottawa.....								
St. Joseph's General.....	Parry Sound.....	13	271	366	1,477.25	3	24	24.00	1,501.25
Pembroke Cottage.....	Pembroke.....	2	20		55.00				55.00
Great War Memorial.....	Perth.....								
Prince Edward County.....	Pictou.....								
The Port Hope.....	Port Hope.....								
Victoria.....	Renfrew.....	3	31		85.25				85.25

GENERAL HOSPITALS (Cont'd)

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory.

Name of Hospital	Location	No. of patients	Days at \$2.75	Days at \$2.00 incurable patients	Amount	No. of infants	Days at \$1.00	Amount	Total for indigents
					\$ c.			\$ c.	\$ c.
Group 3 (Cont'd)									
Plummer Memorial.....	Sault Ste. Marie.	13	322		885.50	1	9	9.00	894.50
Norfolk General.....	Simcoe.....								
Smith's Falls Public.....	Smith's Falls.....								
Mothercraft.....	Toronto.....								
Salvation Army Grace.....	Toronto.....								
Woodstock General.....	Woodstock.....								
TOTALS.....		790	16,272	9,050	62,848.00	66	792	792.00	63,640.00
GROUP 4									
Capacity, 101 to 200 Beds									
Belleville General.....	Belleville.....								
Brockville General.....	Brockville.....								
Public General.....	Chatham.....								
St. Joseph's.....	Chatham.....								
Hotel Dieu.....	Cornwall.....								
Guelph General.....	Guelph.....								
St. Joseph's.....	Guelph.....								
Hotel Dieu.....	Kingston.....								
Kitchener-Waterloo.....	Kitchener.....								
St. Mary's.....	Kitchener.....								
Niagara Falls General.....	Niagara Falls.....	1	56		154.00				154.00
St. Joseph's General.....	North Bay.....	55	1,550	205	4,672.50	3	29	29.00	4,701.50
General and Marine.....	Owen Sound.....								
General.....	Pembroke.....	1	155		426.25				426.25
Nicholls.....	Peterborough.....								
St. Joseph's.....	Peterborough.....								
General.....	Port Arthur.....	34	1,008	241	3,254.00	4	38	38.00	3,292.00
St. Catharines General.....	St. Catharines.....								
Memorial.....	St. Thomas.....								
Sarnia General.....	Sarnia.....								
General.....	Sault Ste. Marie.....	32	726		1,996.50	1	6	6.00	2,002.50
Stratford General.....	Stratford.....								
St. Mary's.....	Timmins.....	45	883		2,428.25	2	17	17.00	2,445.25
Mount Sinai.....	Toronto.....								
Wellesley.....	Toronto.....								
Welland County General.....	Welland.....								
Metropolitan General.....	Windsor.....								
Salvation Army Grace.....	Windsor.....								
TOTALS.....		168	4,378	446	12,931.50	10	90	90.00	13,021.50
GROUP 5									
Capacity, 201 Beds and Over									
Brantford General.....	Brantford.....								
McKellar General.....	Fort William.....	95	2,747	873	9,300.25	12	106	106.00	9,406.25
Hamilton General.....	Hamilton.....								
St. Joseph's.....	Hamilton.....								
Kingston General.....	Kingston.....								
St. Joseph's.....	London.....								
Victoria.....	London.....								
Oshawa General.....	Oshawa.....								
Ottawa Civic.....	Ottawa.....								
Ottawa General.....	Ottawa.....	6	529		1,454.75				1,454.75
St. Joseph's General.....	Port Arthur.....	113	2,735	57	7,635.25	8	73	73.00	7,708.25
St. Joseph's.....	Sudbury.....	157	2,789	116	7,901.75	5	49	49.00	7,950.75
Hosp. for Sick Children.....	Toronto.....	40	1,133		3,115.75				3,115.75
St. Joseph's.....	Toronto.....	4	101		277.75				277.75
St. Michael's.....	Toronto.....	12	399		1,097.25				1,097.25
Toronto East General.....	Toronto.....								
Toronto General.....	Toronto.....	94	3,478		9,564.50	1	11	11.00	9,575.50
Toronto Western.....	Toronto.....	1	13		35.75				35.75
Women's College.....	Toronto.....								
Hotel Dieu.....	Windsor.....								
TOTALS.....		522	13,924	1,046	40,383.00	26	239	239.00	40,622.00
GRAND TOTALS:									
Public General Hospitals.....		1,848	41,332	14,305	142,273.00	159	1,697	1,697.00	143,969.75
Red Cross Outposts.....		186	3,552	604	10,976.00	23	222	222.00	11,198.00
GRAND TOTALS incl. Red Cross.....		2,034	44,884	14,909	153,249.00	182	1,919	1,919.00	155,167.75

NOTE.—Small differences are due to odd amounts paid on account by patients.

SUMMARIZED STATEMENT OF PROVINCIAL GRANT

For the Year Ended December 31, 1944

	General Hospitals	Red Cross Outposts	Hospitals for Incurables	Convalescent Hospitals	TOTALS
STATUTORY PER DIEM GRANTS					
Days at 75c.....	931,653	15,399	.....	.....	947,052
Days at 10c.....	88,137	1,720	.....	1,958	91,815
Days at 30c. (Infants).....	54,045	3,264	.....	.....	57,309
Days at 50c.....	63,103	.....	419,537	35,083	517,723
AMOUNT.....	\$755,318.45	\$12,700.45	\$209,768.50	\$17,737.30	\$995,524.70
INDIGENTS FROM UNORGANIZED TERRITORY					
Number of Patients.....	1,848	186	21	2	2,057
Days at \$2.00.....	14,305	604	5,281	.....	20,190
Days at \$2.75.....	41,332	3,552	.....	.....	44,884
Days at \$1.75.....	.....	.....	.....	171	171
Number of Infants Born.....	159	23	.....	.....	182
Days at \$1.00.....	1,697	222	.....	.....	1,919
TOTAL INDIGENT GRANT.....	\$143,969.75	\$11,198.00	\$7,921.50	\$259.95	\$163,349.20
TOTAL GRANT EARNED FOR YEAR.....	\$899,288.20	\$23,898.45	\$217,690.00	\$17,997.25	\$1,158,873.90
Audit Adjustments, etc.....	Dr. 7,628.51	Dr. 592.30	Cr. 117.60	Cr. 94.90	Dr. 8,066.71
Total Net Grant.....	\$891,659.69	\$23,306.15	\$217,807.60	\$18,092.15	\$1,150,807.19

RED CROSS OUTPOST HOSPITALS

TABLE No. I.—Showing the bed capacity, both adult and nursery, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed Capacity		Patients in residence, Jan. 1, 1944	Patients admitted during year	Live births during year	Total patients treated during year	Patients discharged during year	Deaths during year	Still-births during year	Patients in residence, Dec. 31, 1944
		Adults and children	Nursery								
Red Cross Outpost.....	Apsley.....	6	2		11	7	18	15	1		2
Red Cross Outpost.....	Atikokan.....	3	1	3	149	9	161	159			2
Red Cross Outpost.....	Baneroft.....	9	3	5	365	99	469	451	12	3	6
Red Cross Outpost.....	Beardmore.....	6	1	4	145	16	165	161			3
Red Cross Outpost.....	Bracebridge.....	31	7	24	768	135	927	875	29		23
Red Cross Outpost.....	Dryden.....	32	6	22	705	121	848	804	17	3	27
Red Cross Outpost.....	Emo.....	16	4	11	378	68	457	432	13	1	12
Red Cross Outpost.....	Englehart.....	12	3	19	275	64	358	346	7	2	5
Red Cross Outpost.....	Espanola.....	15	3	10	257	53	320	304	12	3	4
Red Cross Outpost.....	Haliburton.....	11	5	1	254	78	333	322	6	1	5
Red Cross Outpost.....	Hawk Junction.....	9	2		111	13	124	122			1
Red Cross Outpost.....	Hornepayne.....	8	2	2	103	18	123	116	6		1
Kirkland Dist. Hosp.....	Kirkland Lake.....	93	10	73	3,012	416	3,501	3,351	84	8	66
Red Cross Outpost.....	Lion's Head.....	6	2		77	28	105	103	2		
Red Cross Outpost.....	Mindemoya.....	16	4	10	348	65	423	396	18	4	9
Red Cross Outpost.....	Nakina.....	8	2	1	78	11	90	86			3
Lady Minto Hospital.....	New Liskeard.....	24	5	8	389	80	477	441	27	1	9
Red Cross Outpost.....	Port Loring.....	6	3	3	70	24	97	87	4		6
Red Cross Outpost.....	Rainy River.....	10	4	7	194	49	250	236	12	1	2
Red Cross Outpost*.....	Redditt.....	4	1	1	8		9	9			
Red Cross Outpost.....	Richard's Landing.....	9	3	2	227	24	253	243	8		2
Red Cross Outpost.....	Thessalon.....	11	3	11	290	53	354	322	23		9
Red Cross Outpost.....	Whitney.....	4	1	2	8	3	13	13			
Red Cross Outpost*.....	Wilberforce.....	3	2		3	1	4	4			
Red Cross Car.....		3		2	45	5	52	52			
TOTALS.....		355	79	221	8,270	1,440	9,931	9,450	284	28	197

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days, adults and children, for year	Total days, infants born, for year	Total patient days, all patients, for year	Average number of patients in hospital daily	Number of graduate nurses	Number of other employees, incl. nurses-in-training	Percentage of beds occupied during year
Red Cross Outpost.....	Apsley.....	18	68	48	116		1	1	% 3.9
Red Cross Outpost.....	Atikokan.....	161	713	76	789	2	1	1	53.9
Red Cross Outpost.....	Baneroft.....	469	2,014	934	2,948	8	3	2	67.1
Red Cross Outpost.....	Beardmore.....	165	911	149	1,060	3	2	2	41.4
Red Cross Outpost.....	Bracebridge.....	927	7,233	1,287	8,520	23	11	10	61.3
Red Cross Outpost.....	Dryden.....	848	6,943	1,165	8,108	22	6	6	58.3
Red Cross Outpost.....	Emo.....	457	3,772	638	4,410	12	3	2	60.2
Red Cross Outpost.....	Englehart.....	358	2,554	669	3,223	9	5	4	58.7
Red Cross Outpost.....	Espanola.....	320	2,142	572	2,714	7	3	4	41.2
Red Cross Outpost.....	Haliburton.....	333	1,538	654	2,192	6	3	3	37.4
Red Cross Outpost.....	Hawk Junction.....	124	1,000	120	1,120	3	2	1	27.8
Red Cross Outpost.....	Hornepayne.....	123	824	152	976	3	1	1	26.7
Kirkland District Hospital.....	Kirkland Lake.....	3,501	26,139	4,454	30,593	84	29	45	81.2
Red Cross Outpost.....	Lion's Head.....	105	384	290	674	2	1	1	23.0
Red Cross Outpost.....	Mindemoya.....	423	3,072	690	3,762	10	3	4	51.4
Red Cross Outpost.....	Nakina.....	90	652	126	778	2	1	1	21.3
Lady Minto Hospital.....	New Liskeard.....	477	3,918	797	4,715	13	6	4	44.4
Red Cross Outpost.....	Port Loring.....	97	478	188	666	2	1	1	20.2
Red Cross Outpost.....	Rainy River.....	250	1,905	441	2,346	6	3	2	45.8
Red Cross Outpost*.....	Redditt.....	9	25		25	1	1	1	2.7
Red Cross Outpost.....	Richard's Landing.....	253	1,819	197	2,016	6	2	3	45.9
Red Cross Outpost.....	Thessalon.....	354	2,419	425	2,844	8	1	2	55.5
Red Cross Outpost.....	Whitney.....	13	81	21	102		1	1	5.5
Red Cross Outpost*.....	Wilberforce.....	4	23	11	34		1	1	3.7
Red Cross Car.....		52	354	41	395	1	1	1	36.0
TOTALS.....		9,931	70,981	14,145	85,126	233	92	104	53.6

*Closed for six months.

RED CROSS OUTPOST HOSPITALS (Cont'd)

TABLE No. III.—Showing the cost of operating the hospitals; also the average daily cost of each patient.

Name of Hospital	Location	Total patient days, all patients, for year	Percentage of service devoted to hospital	Cost of dietary supplies		Other operating costs		Total operating cost		Average daily per capita cost†	
				\$	c.	\$	c.	\$	c.		
Red Cross Outpost.....	Atikokan.....	789	100	\$	814.21	\$	4,448.01	\$	5,262.22	\$	6.67
Red Cross Outpost.....	Bancroft.....	2,948	100	1,359.40		7,419.63		8,779.03		2.98	
Red Cross Outpost.....	Beardmore.....	1,060	100	1,038.00		4,889.52		5,927.52		5.59	
Red Cross Outpost.....	Bracebridge.....	8,520	100	5,313.51		23,732.81		29,046.32		3.41	
Red Cross Outpost.....	Dryden.....	8,108	100	5,942.84		20,162.34		26,105.18		3.22	
Red Cross Outpost.....	Emo.....	4,410	100	2,297.88		12,076.32		14,374.20		3.26	
Red Cross Outpost.....	Englehart.....	3,223	100	1,983.30		12,364.66		14,347.96		4.40	
Red Cross Outpost.....	Espanola.....	2,714	100	1,818.75		9,601.98		11,420.73		4.20	
Red Cross Outpost.....	Haliburton.....	2,192	100	1,144.31		7,006.83		8,151.14		3.71	
Red Cross Outpost.....	Hawk Junction.....	1,120	100	1,032.30		4,575.75		5,608.05		5.01	
Red Cross Outpost.....	Hornepayne.....	976	100	1,062.41		3,881.72		4,944.13		5.06	
Kirkland District Hospital.....	Kirkland Lake.....	30,593	100	22,332.96		117,003.11		139,336.07		4.55	
Red Cross Outpost.....	Mindemoya.....	3,762	100	2,037.76		12,010.87		14,048.63		3.73	
Red Cross Outpost.....	Nakina.....	778	100	609.47		4,028.59		4,638.06		5.96	
Lady Minto Memorial.....	New Liskeard.....	4,715	100	2,616.77		13,747.04		16,363.81		3.47	
Red Cross Outpost.....	Rainy River.....	2,346	100	1,083.62		8,220.12		9,303.74		3.96	
Red Cross Outpost.....	Richard's Landing.....	2,016	100	1,525.44		7,411.59		8,937.03		4.43	
Red Cross Outpost.....	Thessalon.....	2,844	100	1,261.19		8,771.89		10,033.08		3.54	
TOTALS.....		83,114	100	55,274.12		281,352.78		336,626.90		4.05	
The following Outposts maintain Public Health and Visiting Services throughout the District. The total costs shown include these services.											
Red Cross Outpost.....	Apsley.....	116	25	375.53		2,996.49		3,372.02		7.27	
Red Cross Outpost.....	Lion's Head.....	674	53	561.68		3,711.55		4,273.23		3.36	
Red Cross Outpost.....	Port Loring.....	666	79	578.71		3,104.51		3,683.22		4.37	
Red Cross Outpost.....	Redditt.....	25	7	147.37		1,646.84		1,794.21		5.02	
Red Cross Outpost.....	Whitney.....	102	23	603.11		3,495.94		4,099.05		9.24	
Red Cross Outpost.....	Wilberforce.....	34	32	167.38		1,249.61		1,416.99		13.34	
Red Cross Car.....	Armstrong.....	395	81	596.52		2,993.67		3,590.19		7.36	
TOTALS.....		2,012	48	3,030.30		19,198.61		22,228.91		5.30	
Grand Totals.....		85,126	95	58,304.42		300,551.39		358,855.81		4.01	

†Hospital service only.

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment		Income from municipalities for patients' treatment		Income from miscellaneous sources		Income from donations, bequests and other gratuitous sources		Total income from all sources other than Government grants	
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
Red Cross Outpost.....	Apsley.....	499.85				84.00		278.33		862.18	
Red Cross Outpost.....	Atikokan.....	2,866.25						323.01		3,189.26	
Red Cross Outpost.....	Bancroft.....	6,161.58		108.50		17.09		689.05		6,976.22	
Red Cross Outpost.....	Beardmore.....	3,563.36				29.95		634.05		4,227.36	
Red Cross Outpost.....	Bracebridge.....	26,173.10		2,562.45		22.84		345.53		29,103.92	
Red Cross Outpost.....	Dryden.....	14,920.78		357.00		33.00		2,576.60		17,887.38	
Red Cross Outpost.....	Emo.....	9,390.75		876.25		109.56		1,035.22		11,411.78	
Red Cross Outpost.....	Englehart.....	7,686.13		376.10		3.25		994.00		9,059.48	
Red Cross Outpost.....	Espanola.....	7,115.60		66.25		57.40				7,239.25	
Red Cross Outpost.....	Haliburton.....	4,311.25		328.75		49.70		488.24		5,177.94	
Red Cross Outpost.....	Hawk Junction.....	3,315.01		8.75		1,227.35		570.78		5,121.89	
Red Cross Outpost.....	Hornepayne.....	2,776.95				3.60		285.72		3,066.27	
Kirkland District Hospital.....	Kirkland Lake.....	121,262.50		4,950.85		91.18		3,972.95		130,277.48	
Red Cross Outpost.....	Lion's Head.....	1,770.75				433.00		725.66		2,929.41	
Red Cross Outpost.....	Mindemoya.....	8,464.10		742.10		42.90		1,390.38		10,639.48	
Red Cross Outpost.....	Nakina.....	1,957.95				913.85		538.48		3,410.28	
Lady Minto Hospital.....	New Liskeard.....	12,736.30		795.25		17.89		575.70		14,125.14	
Red Cross Outpost.....	Port Loring.....	1,339.51				86.30		147.25		1,573.06	
Red Cross Outpost.....	Rainy River.....	3,960.55		868.75		8.68		1,011.10		5,849.08	
Red Cross Outpost*.....	Redditt.....	135.97				.10		271.74		407.81	
Red Cross Outpost.....	Richard's Landing.....	5,099.75		27.00				1,303.78		6,430.53	
Red Cross Outpost.....	Thessalon.....	5,719.80		240.00		2.60		129.82		6,092.22	
Red Cross Outpost.....	Whitney.....	729.96				42.70		467.96		1,240.62	
Red Cross Outpost*.....	Wilberforce.....	177.15				3.00		158.75		338.90	
Red Cross Car.....		1,143.70				12.00		264.47		1,420.17	
TOTALS.....		253,278.60		12,308.00		3,291.94		19,178.57		288,057.11	

*Closed for six months.

RED CROSS OUTPOST HOSPITALS (Cont'd)

TABLE No. V.—Showing the basis on which the statutory and additional aid is granted.

Name of Hospital	Location	Days at 75c.	Infants born, days at 30c.	Days at 10c.	Amount	Grant for indigents from unorganized territory	Adjustments		Total Government grant
							Debit	Credit	
					\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Red Cross Outpost	Apsley	17	14		16.95				16.95
Red Cross Outpost	Atikokan	3			2.25				2.25
Red Cross Outpost	Bancroft	808	435		736.50		9.00		745.50
Red Cross Outpost	Beardmore								
Red Cross Outpost	Bracebridge	1,802	258	169	1,445.80			32.40	1,478.20
Red Cross Outpost	Dryden	1,350	503	2	1,163.60	5,519.00	268.75		6,413.85
Red Cross Outpost	Emo	1,426	206	19	1,133.20	126.50		114.80	1,374.50
Red Cross Outpost	Englehart	300	42		237.60	987.75	18.00		1,207.35
Red Cross Outpost	Espanola	679	202		569.85	587.50	36.00		1,121.35
Red Cross Outpost	Haliburton	568	248		500.40		5.40		495.00
Red Cross Outpost	Hawk Junction					13.75			13.75
Red Cross Outpost	Hornepayne								
Kirkland District Hospital	Kirkland Lake	4,083	420	1,002	3,288.45	3,363.75	461.45		6,190.75
Red Cross Outpost	Lion's Head	119	95		117.75		4.20		113.55
Red Cross Outpost	Mindemoya	587	314	9	535.35	225.75		37.20	798.30
Red Cross Outpost	Nakina	14	8		12.90	38.50			51.40
Lady Minto Hospital	New Liskeard	908	66	63	707.10		9.00		698.10
Red Cross Outpost	Port Loring	204	81		177.30	30.25			207.55
Red Cross Outpost	Rainy River	998	189	74	812.60	140.25	6.90		945.95
Red Cross Outpost*	Redditt								
Red Cross Outpost	Richard's Landing	739	51	68	576.35				576.35
Red Cross Outpost	Thessalon	779	126	314	653.45	165.00		1.80	820.25
Red Cross Outpost	Whitney	4			3.00			22.20	25.20
Red Cross Outpost*	Wilberforce	11	6		10.05				10.05
Red Cross Car									
TOTALS		15,399	3,264	1,720	12,700.45	11,198.00	809.70	217.40	23,306.15

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory.

Name of Hospital	Location	No. of patients	Days at \$2.75	Days at \$2.00, incurable patients	Amount	No. of infants	Days at \$1.00	Amount		Total for indigents
								\$ c.	\$ c.	
					\$ c.			\$ c.	\$ c.	
Red Cross Outpost	Apsley									
Red Cross Outpost	Atikokan									
Red Cross Outpost	Bancroft									
Red Cross Outpost	Beardmore									
Red Cross Outpost	Bracebridge									
Red Cross Outpost	Dryden	68	1,536	604	5,432.00	11	87	87.00	5,519.00	
Red Cross Outpost	Emo	1	46		126.50				126.50	
Red Cross Outpost	Englehart	25	341		937.75	4	50	50.00	987.75	
Red Cross Outpost	Espanola	14	210		577.50	1	10	10.00	587.50	
Red Cross Outpost	Haliburton									
Red Cross Outpost	Hawk Junction	1	5		13.75				13.75	
Red Cross Outpost	Hornepayne									
Kirkland District Hosp.	Kirkland Lake	65	1,201		3,302.75	6	61	61.00	3,363.75	
Red Cross Outpost	Lion's Head									
Red Cross Outpost	Mindemoya	2	77		211.75	1	14	14.00	225.75	
Red Cross Outpost	Nakina	1	14		38.50				38.50	
Lady Minto Hospital	New Liskeard									
Red Cross Outpost	Port Loring	1	11		30.25				30.25	
Red Cross Outpost	Rainy River	3	51		140.25				140.25	
Red Cross Outpost*	Redditt									
Red Cross Outpost	Richard's Landing									
Red Cross Outpost	Thessalon	5	60		165.00				165.00	
Red Cross Outpost	Whitney									
Red Cross Outpost*	Wilberforce									
Red Cross Car										
TOTALS		186	3,552	604	10,976.00	23	222	222.00	11,198.00	

*Closed for six months.

CONVALESCENT HOSPITALS

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed capacity	Patients in residence, Jan. 1, 1944	Patients admitted during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1944
Children's Convalescent Hospital*	Burlington.....	36		51	51	51		
Blue Mountain Camp for Crippled Children*	Collingwood.....	45		170	170	170		
St. John's Convalescent Hospital	Newtonbrook.....	64	45	594	639	586	1	52
Daughters of the Empire Hospital for Convalescent Children.....	Toronto.....	120	79	275	354	310		44
Hillcrest Convalescent Hospital.....	Toronto.....	41	29	244	273	237	4	32
TOTALS		306	153	1,334	1,487	1,354	5	128

TABLE No. II.—Showing the collective stay in days of the patients admitted to the hospital, also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days for year	Average number of patients in hospital daily	Number of graduate staff	Number of other employees
Children's Convalescent Hospital*	Burlington.....	51	1,326	4	4	2
Blue Mountain Camp for Crippled Children*	Collingwood.....	170	3,583	10	3	12
St. John's Convalescent Hospital	Newtonbrook.....	639	21,103	58	8	35
Daughters of the Empire Hospital for Convalescent Children.....	Toronto.....	354	21,046	58	6	56
Hillcrest Convalescent Hospital.....	Toronto.....	273	11,259	30	3	12
TOTALS		1,487	58,317	159	24	117

TABLE No. III.—Showing the cost of operating the hospitals; also the average daily cost of each patient.

Name of Hospital	Location	Total patient days, all patients, for year	Cost of dietary supplies	Other operating costs	Total operating cost, excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Children's Convalescent Hospital*	Burlington.....	1,326	680.24	1,275.44	1,955.68	1.47	
Blue Mountain Camp for Crippled Children*	Collingwood.....	3,583	1,653.56	6,255.32	7,908.88	2.21	
St. John's Convalescent Hospital	Newtonbrook.....	21,103	16,746.11	44,220.50	60,966.61	2.89	
Daughters of the Empire Hospital for Convalescent Children.....	Toronto.....	21,046	15,594.52	66,414.53	82,009.05	3.90	
Hillcrest Convalescent Hospital.....	Toronto.....	11,259	7,607.37	18,815.23	26,422.60	2.35	
TOTALS		58,317	42,281.80	136,981.02	179,262.82	3.07	

*These camps operate in summer months only.

CONVALESCENT HOSPITALS (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Total income from all sources other than Government grant
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Children's Convalescent Hospital*.....	Burlington.....	1,100.35		12.31	361.79	1,474.45
Blue Mountain Camp for Crippled Children*.....	Collingwood.....		51.25	22.44	6,140.60	6,214.29
St. John's Convalescent Hospital.....	Newtonbrook.....	44,904.50	10,752.19	521.50	5,995.94	62,174.13
Daughters of the Empire Hospital for Convalescent Children.....	Toronto.....	7,498.28	25,064.89	10,290.04	15,104.96	57,958.17
Hillcrest Convalescent Hospital.....	Toronto.....	16,367.53	8,756.24	780.90		25,904.67
TOTALS.....		69,870.66	44,624.57	11,627.19	27,603.29	153,725.71

TABLE No. V.—Showing the basis on which the statutory and additional aid is granted.

Name of Hospital	Location	Days at 50c.	Days at 10c.	Amount	Grant for indigents from unorganized territory	Adjustments		Total Government grant
						Debit	Credit	
				\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Children's Convalescent Hospital*.....	Burlington.....	1,326		663.00				663.00
Blue Mountain Camp for Crippled Children*.....	Collingwood.....	3,583		1,791.50				1,791.50
St. John's Convalescent Hospital.....	Newtonbrook.....	7,955	3	3,977.80			3.60	3,981.40
Daughters of the Empire Hospital for Convalescent Children.....	Toronto.....	16,756	1,715	8,549.50	259.95		95.30	8,904.75
Hillcrest Convalescent Hospital.....	Toronto.....	5,463	240	2,755.50		4.00		2,751.50
TOTALS.....		35,083	1,958	17,737.30	259.95	4.00	98.90	18,092.15

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory.

Name of Hospital	Location	Number of patients	Days at \$1.75	Less		Amount
				Days at 50c.	Days at 10c.	
						\$ c.
Children's Convalescent Hospital*.....	Burlington.....					
Blue Mountain Camp for Crippled Children*.....	Collingwood.....					
St. John's Convalescent Hospital.....	Newtonbrook.....					
Daughters of the Empire Hospital for Convalescent Children.....	Toronto.....	2	171	61	88	259.95
Hillcrest Convalescent Hospital.....	Toronto.....					
TOTALS.....		2	171	61	88	259.95

*These camps operate in summer months only.

HOSPITALS FOR INCURABLES

TABLE No. I.—Showing the bed capacity, together with the movement of patients in each hospital separately.

Name of Hospital	Location	Bed capacity	Patients in residence, Jan. 1, 1944	Patients admitted during year	Total patients treated during year	Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1944
St. Peter's Infirmary.....	Hamilton.....	100	107	49	156	15	34	107
Parkwood Hospital for Incurables.....	London.....	144	140	50	190	18	28	144
Perley Home for Incurables.....	Ottawa.....	102	95	50	145	13	43	89
St. Vincent Hospital for Incurables.....	Ottawa.....	209	202	141	343	27	110	206
Home for Incurable Children.....	Toronto.....	40	38	8	46	10	.....	36
Our Lady of Mercy Hospital for Incurables.....	Toronto.....	273	271	142	413	30	116	267
Queen Elizabeth Hospital for Incurables.....	Toronto.....	386	383	151	534	22	128	384
East Windsor Hospital for Incurables.....	Windsor.....	190	169	165	334	69	79	186
TOTALS.....		1,444	1,405	756	2,161	204	538	1,419

TABLE No. II.—Showing the collective stay in days of the patients admitted to the hospital; also the number of professional and other staff in each.

Name of Hospital	Location	Total patients treated during year	Total patient days for year	Average number of patients in hospital daily	Number of graduate nurses	Number of other employees, includ. nurses-in-training	Percentage of beds occupied during year
							%
St. Peter's Infirmary.....	Hamilton.....	156	39,941	109	7	60	109.1
Parkwood Hospital for Incurables.....	London.....	190	52,302	143	11	93	99.2
Perley Home for Incurables.....	Ottawa.....	145	34,060	93	10	51	91.2
St. Vincent Hospital for Incurables.....	Ottawa.....	343	75,848	207	7	117	99.2
Home for Incurable Children.....	Toronto.....	46	12,884	35	3	24	88.0
Our Lady of Mercy Hospital for Incurables.....	Toronto.....	413	97,931	268	40	71	98.4
Queen Elizabeth Hospital for Incurables.....	Toronto.....	534	140,843	385	48	184	99.7
East Windsor Hospital for Incurables.....	Windsor.....	334	65,980	180	9	58	94.9
TOTALS.....		2,161	519,789	1,420	135	658	99.3

TABLE No. III.—Showing the cost of operating the hospitals; also the average daily cost of each patient.

Name of Hospital	Location	Total patient days, all patients, for year	Cost of dietary supplies	Other operating costs	Total operating cost, excluding provision for bad debts, depreciation, interest and capital charges	Average daily per capita cost	Interest and capital charges
			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
St. Peter's Infirmary.....	Hamilton.....	39,941	15,708.08	57,268.71	72,976.79	1.83	600.00
Parkwood Hospital for Incurables.....	London.....	52,302	22,389.59	72,881.00	95,270.59	1.82	.....
Perley Home for Incurables.....	Ottawa.....	34,060	14,186.32	54,404.88	68,591.20	2.01	1,347.17
St. Vincent Hospital for Incurables.....	Ottawa.....	75,848	38,329.48	128,883.76	167,213.24	2.20	10,731.03
Home for Incurable Children.....	Toronto.....	12,884	6,231.30	24,686.67	30,917.97	2.40	.....
Our Lady of Mercy Hospital for Incurables.....	Toronto.....	97,931	40,000.20	154,290.47	194,290.67	1.98	9,443.84
Queen Elizabeth Hospital for Incurables.....	Toronto.....	140,843	74,356.39	253,804.61	328,161.00	2.33	.....
East Windsor Hospital for Incurables.....	Windsor.....	65,980	30,449.94	94,165.90	124,615.84	1.89	.....
TOTALS.....		519,789	241,651.30	840,386.00	1,082,037.30	2.08	22,122.04

HOSPITALS FOR INCURABLES (Cont'd)

TABLE No. IV.—Showing the sources of income of hospitals.

Name of Hospital	Location	Income from patients for treatment	Income from municipalities for patients' treatment	Income from investments, endowments, property, miscellaneous	Income from donations, bequests and other gratuitous sources	Total income from all sources other than Government grant
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
St. Peter's Infirmary.....	Hamilton.....	50,631.58	23,602.73	1,521.60	160.54	75,916.45
Parkwood Hospital for Incurables.....	London.....	55,219.49	32,381.20	6,632.09	59.41	94,292.19
Perley Home for Incurables.....	Ottawa.....	39,828.24	23,405.59	41.09	1,564.47	64,839.39
St. Vincent Hospital for Incurables.....	Ottawa.....	48,852.47	73,321.80		25,976.04	148,150.31
Home for Incurable Children.....	Toronto.....	1,893.70	3,871.90	7,916.30	18,808.10	32,490.00
Our Lady of Mercy Hospital.....	Toronto.....	45,795.00	134,866.88	362.97	13,800.00	194,824.85
Queen Elizabeth Hospital for Incurables.....	Toronto.....	78,024.49	197,203.13	182.12	534.30	275,944.04
East Windsor Hospital for Incurables.....	Windsor.....	26,395.00	75,128.93			101,523.93
TOTALS.....		346,639.97	563,782.16	16,656.17	60,902.86	987,981.16

TABLE No. V.—Showing the basis on which the statutory and additional aid is granted.

Name of Hospital	Location	Days at 50c.	Amount	Grant for indigents from unorganized territory	Adjustments		Total Government grant
					Debit	Credit	
			\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
St. Peter's Infirmary.....	Hamilton.....	25,829	12,914.50				12,914.50
Parkwood Hospital for Incurables.....	London.....	35,102	17,551.00				17,551.00
Perley Home for Incurables.....	Ottawa.....	24,158	12,079.00				12,079.00
St. Vincent Hospital for Incurables.....	Ottawa.....	67,055	33,527.50	1,098.00			34,625.50
Home for Incurable Children.....	Toronto.....	12,884	6,442.00	291.00			6,733.00
Our Lady of Mercy Hospital for Incurables.....	Toronto.....	81,021	40,510.50	4,192.50			44,703.00
Queen Elizabeth Hospital for Incurables.....	Toronto.....	112,741	56,370.50	2,340.00	32.00		58,678.50
East Windsor Hospital for Incurables.....	Windsor.....	60,747	30,373.50			149.60	30,523.10
TOTALS.....		419,537	209,768.50	7,921.50	32.00	149.60	217,807.60

TABLE No. VI.—Showing days upon which grant was paid for indigents from unorganized territory.

Name of Hospital	Location	Number of patients	Days at \$2.00	Less	Amount
				Days at 50c.	
					\$ c.
St. Peter's Infirmary.....	Hamilton.....				
Parkwood Hospital for Incurables.....	London.....				
Perley Home for Incurables.....	Ottawa.....				
St. Vincent Hospital for Incurables.....	Ottawa.....	2	732	732	1,098.00
Home for Incurable Children.....	Toronto.....	1	194	194	291.00
Our Lady of Mercy Hospital for Incurables.....	Toronto.....	10	2,795	2,795	4,192.50
Queen Elizabeth Hospital for Incurables.....	Toronto.....	8	1,560	1,560	2,340.00
East Windsor Hospital for Incurables.....	Windsor.....				
TOTALS.....		21	5,281	5,281	7,921.50

SANATORIA FOR CONSUMPTIVES

TABLE No. I.—Showing the bed complement, together with the movement of patients in each institution separately.

Name of Sanatorium	Location	Bed Complement		Patients in residence, Jan. 1, 1944	* Patients admitted during year	Live births during year	Total patients treated during year	† Patients discharged during year	Deaths during year	Patients in residence, Dec. 31, 1944
		Adults' beds	Children's beds							
Brant Sanatorium.....	Brantford.....	108		103	99		202	99	17	86
St. Lawrence Sanatorium.....	Cornwall.....	112		104	93		197	74	18	105
Fort William Sanatorium.....	Fort William.....	191	6	189	194		383	152	45	186
Muskoka Hospital for Consump.....	Gravenhurst.....	440		355	225		580	184	50	346
St. Mary's-on-the-Lake Sanatorium.....	Haileybury.....	106		91	114	2	207	83	38	86
Mountain Sanatorium.....	Hamilton.....	698	22	691	646	2	1,339	500	132	707
Kingston Sanatorium.....	Kingston.....	47		44	69	1	114	58	10	46
Freeport Sanatorium.....	Kitchener.....	155	1	151	108		259	99	22	138
Queen Alexandra Sanatorium.....	London.....	577	34	549	521		1,070	453	93	524
Royal Ottawa Sanatorium.....	Ottawa.....	177	35	196	194		390	152	36	202
Niagara Peninsula Sanatorium.....	St. Catharines.....	90		86	112		198	86	26	86
Toronto Hosp. for Consumptives and Queen Mary H. for Con. Children.....	Weston.....	569	87	505	445	10	960	326	94	540
Essex County Sanatorium.....	Windsor.....	175	10	171	211		382	184	32	166
TOTALS.....		3,445	195	3,235	3,031	15	6,281	2,450	613	3,218

*Does not include patients returning from temporary leaves of absence or temporary transfers to public hospitals.

†Does not include patients going on temporary leaves of absence or temporarily transferred to public hospitals.

TABLE No. II.—Showing the collective stay in days of the patients admitted and infants born in the institutions; also the average stay in days each patient was under treatment.

Name of Sanatorium	Location	Total patients treated during year	Total collective days' stay of patients for year	Average days' stay of each patient for year	Average number of patients in sanatoria daily	Number of graduate and professional staff		Number of all other employees	Percentage of beds occupied during year
						Full time	Part time		
Brant Sanatorium.....	Brantford.....	202	37,214	184.2	101.9	11	3	42	94.3
St. Lawrence Sanatorium.....	Cornwall.....	197	39,459	200.3	108.4	12	1	31	96.7
Fort William Sanatorium.....	Fort William.....	383	67,262	175.6	184.1	10	2	42	93.4
Muskoka Hospital for Consumptives.....	Gravenhurst.....	580	128,303	221.2	355.5	39		183	80.7
St. Mary's-on-the-Lake Sanatorium.....	Haileybury.....	207	33,581	162.2	95.0	8	1	45	89.6
Mountain Sanatorium.....	Hamilton.....	1,339	259,904	194.1	717.6	81	1	250	99.6
Kingston Sanatorium.....	Kingston.....	114	16,444	144.2	44.9	10	1	15	95.5
Freeport Sanatorium.....	Kitchener.....	259	53,680	207.2	147.7	22	1	37	94.7
Queen Alexandra Sanatorium.....	London.....	1,070	195,846	183.0	543.2	62	3	245	88.9
Royal Ottawa Sanatorium.....	Ottawa.....	390	73,647	188.8	204.8	30	1	48	96.6
Niagara Peninsula Sanatorium.....	St. Catharines.....	198	32,704	165.2	89.7	14	1	37	99.6
Toronto Hospital for Consumptives and Queen Mary H. for Con. Children.....	Weston.....	960	185,032	192.7	507.9	78	3	203	87.8
Essex County Sanatorium.....	Windsor.....	382	62,409	163.4	172.0	31	1	67	92.9
TOTALS.....		6,281	1,185,485	188.7	3,272.7	408	19	1,245	91.9

TABLE No. III.—Showing the cost of operating the sanatoria; also the average daily cost of each patient.

Name of Sanatorium	Location	Total collective days' stay of all patients	Cost of dietary supplies	Other operating costs, including incidental financial expense	Total operating costs, including incidental financial expense, provision for bad debts and depreciation on equipment and apparatus	Average daily per capita cost, excluding provision for bad debts and depreciation	Interest and exchange on long-term loans	
							\$ c.	\$ c.
Brant Sanatorium.....	Brantford.....	37,214	27,476.23	76,920.74	104,396.97	2.80		
St. Lawrence Sanatorium.....	Cornwall.....	39,459	22,280.06	83,097.54	105,377.60	2.67		
Fort William Sanatorium.....	Fort William.....	67,262	36,161.60	111,325.58	147,487.18	2.19	7,622.10	
Muskoka Hospital for Consump.....	Gravenhurst.....	128,303			454,888.34	3.54		
St. Mary's-on-the-Lake Sanatorium.....	Haileybury.....	33,581	15,709.49	61,986.26	77,695.75	2.31	5,418.43	
Mountain Sanatorium.....	Hamilton.....	259,904	160,643.19	527,633.49	688,276.68	2.64		
Kingston Sanatorium.....	Kingston.....	16,444	11,844.00	31,321.04	43,165.04	2.62		
Freeport Sanatorium.....	Kitchener.....	53,680	29,223.27	109,364.57	138,587.84	2.58		
Queen Alexandra Sanatorium.....	London.....	195,846	131,879.89	463,473.99	595,353.88	3.04		
Royal Ottawa Sanatorium.....	Ottawa.....	73,647	37,664.69	179,735.88	217,400.57	2.95	5,968.10	
Niagara Peninsula Sanatorium.....	St. Catharines.....	32,704	21,614.57	99,836.16	121,450.73	3.71		
Toronto Hosp. for Consumptives and Queen Mary H. for Con. Child.....	Weston.....	185,032			622,494.29	3.36		
Essex County Sanatorium.....	Windsor.....	62,409	40,864.78	154,920.79	195,785.57	3.14		
TOTALS.....		1,185,485	*535,361.77	*1,899,616.04	3,512,360.44	2.96		19,008.63

*Excludes Toronto Hospital and Muskoka (not reported).

SANATORIA FOR CONSUMPTIVES (Cont'd)

TABLE No. IV.—Showing the sources of income of sanatoria other than Provincial grant.

Name of Sanatorium	Location	Income from patients and their agencies for maintenance in Sanatorium	Income from municipalities	Sundry income, including Christmas seals and expenditure recoveries	Income from out-patient service	Income from earnings on investments, endowments, etc.	Total income from all sources other than Govern'm't grant and contributed funds	* Contributed funds
		\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Brant Sanatorium.....	Brantford.....	30,337.49		12,212.21	3,364.65	1,169.07	47,083.42	2,383.24
St. Lawrence Sanatorium.....	Cornwall.....	5,532.61		17,413.89	2,712.03	517.96	26,176.49	19.00
Fort William Sanatorium.....	Fort William.....	36,743.72		17,118.90	8,046.50	3,170.14	65,079.26	2,441.79
Muskoka Hosp. for Con.†.....	Gravenhurst.....							
Toronto Hosp. for Con.†.....	Weston.....							
St. Mary's-on-the-Lake San.....	Haileybury.....	19,662.33		17,642.16	956.00		38,260.49	
Mountain Sanatorium.....	Hamilton.....	118,119.48		103,892.35	6,789.60	15,530.12	244,331.55	9,825.99
Kingston Sanatorium.....	Kingston.....	12,629.85					12,629.85	
Freeport Sanatorium.....	Kitchener.....	26,492.75	100.00	14,223.40	10,405.00	2,515.97	53,737.12	8,957.35
Queen Alexandra Sanatorium.....	London.....	122,226.03		83,445.18	3,409.40	18,936.59	228,017.20	
Royal Ottawa Sanatorium.....	Ottawa.....	24,673.38	6,370.00	22,642.98	7,196.00		60,882.36	
Niagara Peninsula Sanatorium.....	St. Catharines.....	9,292.75	3,000.00	26,235.36	13,060.66	3,272.11	54,860.88	1,566.65
Essex County Sanatorium.....	Windsor.....	27,344.60		24,096.13	6,579.03		58,019.76	7,714.66
TOTALS.....		433,054.99	9,470.00	338,922.56	62,518.87	45,111.96	889,078.38	32,908.68

*NOTE.—Contributed funds represent legacies, bequests, donations, etc., which may be used for capital purposes, invested as semi-permanent investments or used for general purposes at the discretion of the board of directors.

†Not reported.

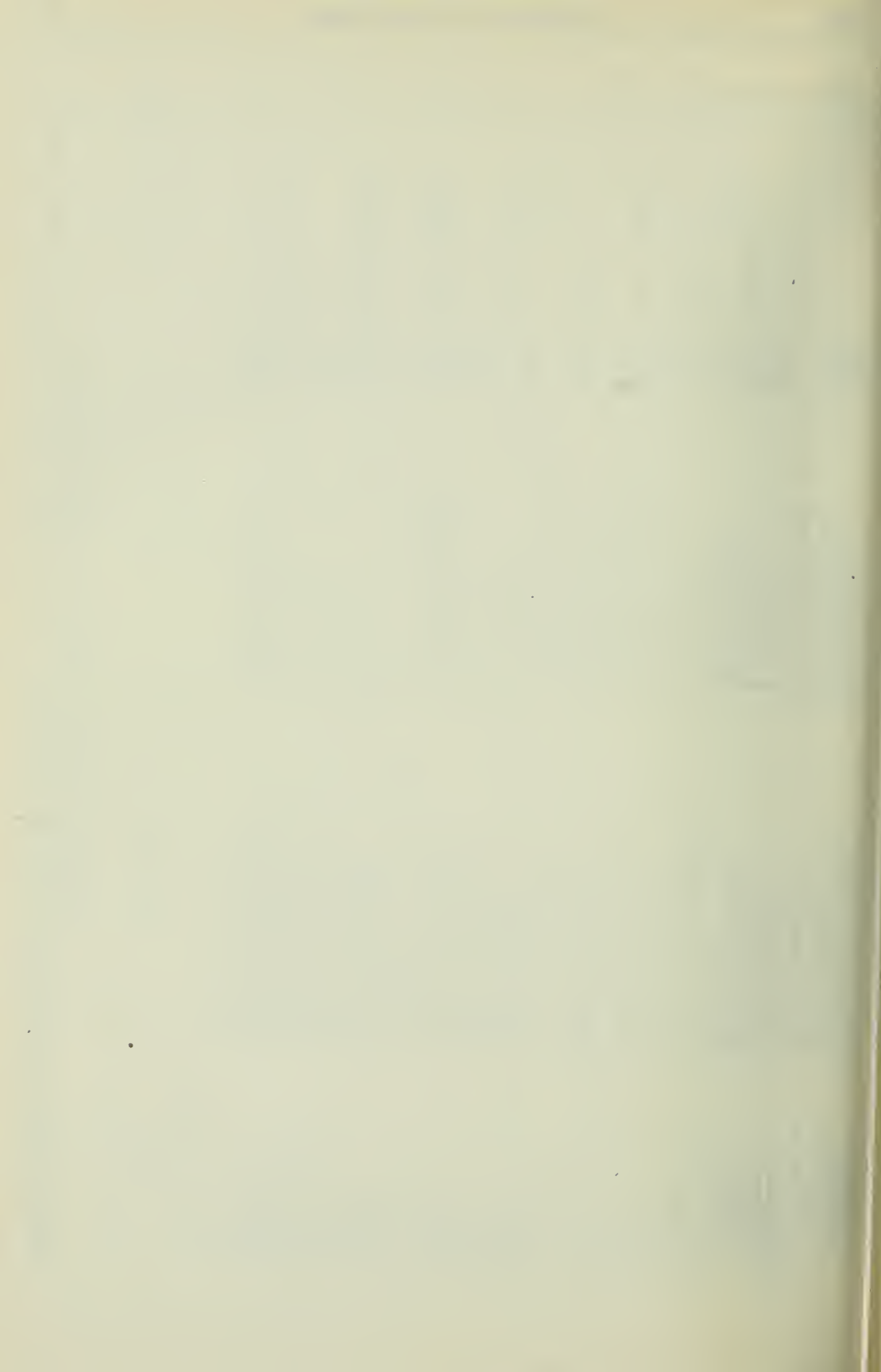
TABLE No. V.—Showing the basis on which the statutory aid is granted.

Name of Sanatorium	Location	Days at \$2.10	Infant days at \$1.00	Amount	Adjustments		Total Government grant
					Credit	Debit	
				\$ c.	\$ c.	\$ c.	\$ c.
Brant Sanatorium.....	Brantford.....	28,756		60,387.60			60,387.60
St. Lawrence Sanatorium.....	Cornwall.....	37,275		78,277.50			78,277.50
Fort William Sanatorium.....	Fort William.....	53,713		112,797.30			112,797.30
Muskoka Hospital.....	Gravenhurst.....	115,191		241,901.10		493.60	241,407.50
St. Mary's-on-the-Lake Sanatorium.....	Haileybury.....	25,361	38	53,296.10	88.20		53,384.30
Mountain Sanatorium.....	Hamilton.....	229,422	150	481,936.20		1,090.40	480,845.80
Kingston Sanatorium.....	Kingston.....	13,267		27,864.70			27,864.70
Freeport Sanatorium.....	Kitchener.....	46,101	4	96,812.10		304.50	96,507.60
Queen Alexandra Sanatorium.....	London.....	161,429		339,000.90		1,000.70	338,000.20
Royal Ottawa Sanatorium.....	Ottawa.....	68,836		144,555.60			144,555.60
Niagara Peninsula Sanatorium.....	St. Catharines.....	30,934		64,961.40		577.00	64,384.40
Daughters of the Empire San. Branch.....	Toronto.....	5,992		12,583.20			12,583.20
Toronto Hospital for Consumptives and Queen Mary H. for Con. Children.....	Weston.....	164,229	777	345,657.90	226.80		345,884.70
Essex County Sanatorium.....	Windsor.....	55,186		115,890.60			115,890.60
TOTALS.....		1,035,692	969	2,175,922.20	315.00	3,466.20	2,172,771.00

INFORMATION CONCERNING PRIVATE HOSPITALS, REST HOMES, CONVALESCENT HOSPITALS, ETC., LICENSED DURING THE YEAR UNDER REPORT

Location	Name of Hospital	Licensee	Type	Bed Capacity
PRIVATE HOSPITALS				
ALAX.....	Pickering Works General Hospital.....	Defence Industries Ltd.....	Medical and Surgical.....	32
BRANTFORD.....	Brantford Private Hospital.....	Mrs. E. Marie Easterbrook.....	Medical.....	12
CAMPBELLFORD.....	Campbellford Private Hospital.....	Campbellford Hospital Committee.....	Maternity, Medical and Surgical.....	13
COBURG.....	Brookhurst Convalescent Hospital.....	Miss Effie C. Boister.....	Convalescent.....	5
COPPER CLIFF.....	International Nickel Co. Private Hospital.....	Dr. H. F. Nowat.....	Medical and Surgical.....	33
CONNAUGHT STATION.....	Connaught Private Hospital.....	Dr. J. H. A. Macdonald.....	Maternity, Medical and Minor Surg.....	5
DUNDAS.....	Wentworth County Rest Home.....	Mrs. Abigail Hall.....	Medical.....	12
EMIRA.....	Turner Private Hospital.....	Mrs. Emma Turner.....	Medical and Surgical.....	12
FAVOURABLE LAKE.....	Berens River Mines Hospital.....	Dr. L. C. Bartlett.....	Maternity.....	4
HAMILTON.....	Salvation Army Maternity Hospital.....	Salvation Army.....	Maternity.....	22
HAYLOCK.....	Havelock Private Hospital.....	Mrs. Luella Cummins.....	Maternity, Medical and Surgical.....	10
HAWKESBURY.....	Dr. Kelly's Private Hospital.....	Dr. E. P. Kelly.....	Maternity, Medical and Surgical.....	12
HAWKESBURY.....	Dr. Smith's Private Hospital.....	Dr. T. W. Smith.....	Maternity, Medical and Surgical.....	12
HAWKESBURY.....	Hospital of the Asylum of the Good Shepherd of Quebec.....	Asylum of the Good Shepherd.....	Maternity, Medical and Surgical.....	29
KAPUSKASING.....	Sensenbrenner Private Hospital.....	Spruce Falls Power & Paper Co.....	Maternity, Medical and Surgical.....	50
GERALDTON.....	Little Long Lac.....	Little Long Lac Hospital Assoc.....	Maternity, Medical and Surgical.....	33
LEAMINGTON.....	Rotary Hopewell Private Hospital.....	Rotary Hopewell Hospital Assoc.....	Maternity, Medical and Surgical.....	26
LONDON.....	Mason Villa Private Hospital.....	Mrs. Hazel A. Mason, Reg. N.....	Maternity.....	30
LONDON.....	Rogers Private Hospital.....	Mrs. E. M. Rogers.....	Maternity and Medical.....	21
LONDON.....	Salvation Army Bethesda Hospital.....	Salvation Army.....	Maternity, Medical and Surgical.....	48
MARKDALE.....	Markdale Private Hospital.....	Dr. R. L. Carefoot.....	Maternity, Medical and Surgical.....	2
MARKHAM.....	Glen Rouge Rest Home.....	Miss A. Elsie Mayhew.....	Maternity, Medical and Surgical.....	4
MILTON.....	Milton Private Hospital.....	Dr. C. Keith Stevenson.....	Maternity, Medical and Surgical.....	26
MIDLAND.....	Midland Convalescent Private Hospital.....	Miss Bertha Hall, Reg. N.....	Convalescent Home.....	8
MOOSE FACTORY.....	Newnham Cottage Hospital.....	Missionary Society of the Church of England in Canada.....	Medical.....	10
MCKENZIE ISLAND.....	McKenzie Island Hospital.....	McKenzie Red Lake Gold Mines Ltd.....	Maternity, Medical and Surgical.....	11
NOBEL.....	Nobel Works General Hospital.....	Defence Industries Ltd.....	Medical and Surgical.....	10
ORILLIA.....	Hillcrest Private Hospital.....	Misses Josie E. Bradley and Frances M. Dean, Reg. N.....	Maternity and Medical.....	15
OTTAWA.....	Duke-Fingard Inhalation Hospital.....	Mrs. Agnes Wharrey-Smith, Reg. N.....	Medical.....	71 up-pts.
OKVILLE.....	Oakville Private Hospital.....	Miss Lillian Bezzo, Reg. N.....	Maternity, Medical and Minor Surg.....	10
PICKLE CROW.....	Pickle Crow Gold Mines Private Hospital.....	Pickle Crow Gold Mines Ltd.....	Maternity, Medical and Surgical.....	6
OTTAWA.....	Hartington Nursing Home.....	Mrs. Mabel Dier Thomas, Reg. N.....	Medical.....	16
PORT PERRY.....	Port Perry Private Hospital.....	Mrs. Nellie Whitmore, Reg. N.....	Maternity, Medical and Surgical.....	16
ST. CATHARINES.....	Belleve Convalescent Hospital.....	Mr. Wm. Hamilton.....	Private Convalescent.....	31
SARNIA.....	Polymer Corporation Private Hospital.....	Polymer Corporation Ltd.....	Medical and Minor Surgical.....	31
SMOOTH ROCK FALLS.....	Smooth Rock Falls Private Hospital.....	Abitibi Power & Paper Co.....	Maternity, Medical and Surgical.....	22
STOUFFVILLE.....	Brierbush Private Hospital.....	Mr. and Mrs. E. R. Good.....	Maternity, Medical and Surgical.....	29
SUTTON WEST.....	Sutton Private Hospital.....	Miss Elsie V. King.....	Maternity, Medical and Minor Surg.....	23
THOROLD.....	Maplehurst Private Hospital.....	Miss Florence I. Stevenson, Reg. N.....	Maternity and Medical.....	10
VANKLEEK HILL.....	Vankleek Hill Private Hospital.....	Dr. A. Macdonald.....	Maternity and Medical.....	33
WATERFORD.....	Waterford Private Hospital.....	Mr. E. K. Willis.....	Maternity and Medical.....	30
WESTON.....	Weston Private Hospital.....	Mrs. E. L. Ritchie, Reg. N.....	Maternity, Medical and Minor Surg.....	20
WHITBY.....	Whitby Private Hospital.....	Miss Alina L. Farquharson.....	Maternity and Non-infectious Med.....	12
TORONTO.....	Albany Private Hospital.....	Mrs. Elizabeth McCulloch.....	Maternity, Medical and Minor Surg.....	18
	200 Danforth Ave.....	Mr. William P. Murphy.....	Medical.....	15
	867 College St.....			

485 Walmer Rd.	Clifton Memorial Nursing Home	Miss Alice M. Jeffrey	Medical	11
97 Dewson St.	Dewson Lodge Private Hospital	Mrs. Jean Cunningham	Medical	15
923 College St.	Duke-Fingard Inhalation Hospital	Miss Lilly Rooke, Reg.N.	Medical	73 up-pls.
58 Homewood Place	Homewood Rest Home	Miss Rose Middleton, Reg.N.	Convalescent	8
58 Humbley St.	Humbley Street Nursing Home	Dr. F. F. Carr-Harris		6
432 Sherbourne St.	Mayfair Private Hospital	Misses Bess Newsome, Reg.N., and Beatrice Wick	Maternity and Medical	31
429 Walmer Rd.	Metcalfs Nursing Home	Mrs. Marjorie Metcalfe, Reg.N.	Medical	12
53 Harvie Ave.	St. Clair Private Hospital	Dr. Harold E. Baker	Maternity	4
530 Jarvis St.	St. Mary's Private Hospital	Sisters of Misericorde	Maternity, Medical and Surgical	25
32 Gothic Ave.	Strathcona Private Hospital	Miss Annie M. McConnell	Maternity	41
43 Wellesley St.	Wood Sanatorium	Messrs. G. R. Wood and J.J. Woolnough	Alcoholic Patients	14



ANNUAL REPORT
UPON THE
Prisons and Reformatories

OF THE
PROVINCE OF ONTARIO
FOR THE YEAR ENDING 31st MARCH

1944

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 18, 1945



ONTARIO

TORONTO:
Printed and Published by
T. E. Bowman, Printer to the King's Most Excellent Majesty
1945

INDEX

	PAGE
Introduction by the Deputy Provincial Secretary..	5
REFORMATORIES AND INDUSTRIAL FARMS	
Ages	10
Crimes	12-13
Criminal History	9
Educational Status	9
Employees, Number of	11
Employment of Prisoners in Institutions	11
Escapes	11
Expenditure and Revenue	15
Habits as to Use of Drugs	9
Maintenance Cost	14
Movement of population	8
Nationalites	9
Occupation	9
Officers, Number of	11
Parole Board of Ontario Report	22-23
Salvation Army Report	24-25
Sentences, Length of	10
Social Conditions	9
Superintendents' Institution Report	16-21
Mercer Reformatory, Toronto	21
Industrial Farm, Burwash	19-20
Ontario Reformatory, Guelph	16-18

CITY, COUNTY AND DISTRICT GAOLS

Comparative Statistics, Total of all Gaols	26-28
Ages	40-41
Committals	40-41
Crimes	30-31
Criminal History	40-41
Educational Status	42
Escapes	38
Gaol Officials and Salaries	32-33
Habits in Relation to Intoxication	43
Maintenance Cost	52
Movement of Population, each Gaol	34-39
Number of Prisoners (Least and Greatest)	50-51
Sentences (Length of)	46-49
Social Status (Married or Single)	42
Transfers	44-45

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

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Annual Report upon the Prisons and Reformatories for the year ending 31st March, 1944.

Respectfully submitted,

G. H. DUNBAR,
Provincial Secretary.



HONOURABLE G. H. DUNBAR,
Provincial Secretary of Ontario.

Sir :

The annual statistics of the Prisons and Reformatories are herewith presented. With them are the reports of the Reformatories Superintendents, the report of the Superintendent of the Industrial Farm, Burwash, the report of the Board of Parole with statistics for the year which ended March 31, 1944. Also herewith is the Salvation Army Prison and Police Court annual report.

The following table shows commitments to the Gaols and the number sentenced in each of the years 1913 to 1944.

Year ending September 30th	Approximate popula- tion of Ontario.	Persons Committed for Trial	Persons Sentenced to Prison
1913	2,767,000	19,250	11,897
1914	2,770,000	22,777	14,801
1915	2,788,000	20,337	12,663
1916	2,728,000	16,100	9,364
1917	2,750,000	12,445	7,867
1918	2,769,000	13,242	7,874
1919	2,821,000	13,096	7,904
1920	2,849,000	14,756	8,643
1921	2,934,000	16,800	9,790
1922	3,101,000	14,800	9,312
1923	3,035,000	13,995	8,036
1924	3,075,000	15,879	8,834
1925	3,115,000	18,023	11,306
1926	3,151,000	18,033	11,371
1927	3,176,000	20,578	13,927
1928	3,241,000	23,786	16,358
1929	3,285,000	25,980	17,626
1930	3,366,000	29,126	21,421
1931	3,432,000	26,358	18,127
1932	3,479,000	25,235	15,804
1933	3,510,000	22,484	14,538
1934	3,540,000	20,916	13,509
Year ending March 31, 1936	3,690,000	24,053	16,356
1937	3,711,000	27,592	20,618
1938	3,731,000	30,345	23,649
1939	3,750,000	34,914	27,926
1940	3,755,000	33,075	26,543
1941	3,757,000	30,875	25,627
1942	3,760,000	27,225	19,652
1943	3,790,000	25,411	18,551
1944	3,800,000	25,975	19,159

Note: The fiscal year was changed in 1935 to end March 31.

It is thus seen that the all-time high in the number of persons committed to Ontario Gaols and the number sentenced occurred in 1939. Thereafter the number in each case declined until the summer of 1942, then continued steady throughout the remainder of the year which ended March 31, 1943. During the following year, the one concerning which we are now reporting, there was an increase. That increase in commitments was from 25,411 to 25,975 (564) and in the number sentenced from 18,551 to 19,159 (608).

In any year there are variations in the number in the various categories of crime committed and those variations may not be indicative of any particular trend. However, in comparing this past year with the previous one it should be noted that

persons committed for Crimes Against Property increased 1,773, from 5,495 to 7,268. Also the number committed for Crimes Against Public Morals and Decency increased 413, from 681 to 1,094. On the other hand, the number committed for Crimes Against Public Order and Peace decreased 890, from 16,380 to 15,490.

In the detailed categories commitments for common assault increased from 474 to 572 but felonious assault cases decreased from 330 to 214. Breaking, entering and theft commitments increased from 1,184 to 1,611; robbery from 172 to 216; larceny and theft from 2,557 to 3,228; theft of cars from 496 to 699 and receiving stolen goods from 292 to 375. There was a decrease from 3,693 to 3,381 in commitments for breaches of the Liquor Control Act and also a decrease in commitments for Drunk and Disorderly (not including B.L.C.A.) from 7,031 to 5,540; Drunk Driving from 809 to 717 and Vagrancy from 2,823 to 2,409. Commitments for civil offences against Wartime Regulations, increased from 471 to 1,223 and those for Military Offences increased from 543 to 957.

It should be noted that the total commitments of 25,975 did not involve that number of different persons. One person, for instance, such as a Drunk or Vagrant, is frequently committed several times in the year, sometimes under different names and often in different Gaols; each time increases the total commitments to that extent. One of the best means of identification is by finger printing. However, in accordance with the Identification of Criminals Act, only those charged with indictable offences (the more serious offences) are finger printed in the prisons. There is no practical method, therefore, to ascertain the actual number of different persons involved in the total commitments of 25,975 or in the total of 19,159 sentenced. Certainly, the number of persons is considerably less than those figures and this fact applies to the statistics for any year.

The causes of crime are many and often complex but fairly constant, with some variations according to conditions. Thus, in wartime there are increased offences against Military regulations and Wartime Regulations.

With more citizens having more money and war bonds and often leaving these and other valuables insecure, it is easier "for thieves to be about their business." In any year there are many who go to Gaol as a result of their weaknesses and yielding to temptation. Others deliberately try to live by crime and will not willingly earn an honest living even when work is plentiful and wages high. There is some evidence that some prefer to be in prison rather than in the Armed Services in wartime, but as they generally keep their thoughts in that respect to themselves, it is impossible to know the number of that kind. But in their own ways many prisoners are patriotic to some extent and it should be recorded that they have generously donated blood for war purposes.

The average time of these 25,975 commitments spent in Gaol was 15.3 days. From the 19,159 who were sentenced 3,582 were transferred to Reformatories and the Industrial Farm, Burwash; these included many who were sentenced to Gaol terms; 429 were transferred to the Penitentiaries. Those sentenced to Gaols and left there were serving short sentences. It is thus evident that the great majority of prisoners receive only short sentences. In the Gaols useful work is comparatively scarce and time for developing the proper attitude, training, rehabilitation and reformation is too short. This is one factor in making repeaters. Another is the too generous use of probation and suspended sentence, without good supervision, of those who have previously been convicted.

All the Gaols were inspected during the year and re-inspections and investigations made as considered necessary or advisable. A copy of each inspection

report was sent as usual to the Sheriff in charge of the Gaol, so he would in the case of the County and City Gaols present it with the inspector's recommendations to the municipal authorities. In the case of the District Gaols, the recommendations concerning repairs and alterations to buildings and equipment were referred to Public Works Department.

The Sheriffs have found it increasingly difficult to obtain suitable officers and often those available are too old or otherwise incompetent to compete with young cunning prisoners. Therefore, the custodial hazards have increased and proper administration has deteriorated in some Gaols. In other Gaols the experienced, capable officers have been carrying greater responsibility. In general, discipline has been fairly well maintained.

The Reformatories and the Industrial Farm, Burwash, have also felt the effect of the scarcity of suitable material for staffs but each has managed to retain a larger proportion of experienced personnel and therefore, general administration and discipline have been well maintained.

The Industrial operations were slightly reduced because of scarcity of materials, in some cases being on war quotas. Efficiency and vocational training in those industries were maintained as was proper agricultural production. The Industrial Farm, Burwash, produced and sold for war purpose a further considerable quantity of lumber.

In the summer of 1942 an arrangement was made with the Department of Justice whereby prisoners of our institutions who were considered reasonably safe risks were granted parole to industrial or agricultural work directly affecting the war efforts. By that means 858 prisoners were placed on parole at work. The arrangement was discontinued by the Federal authorities in January, 1944, and was replaced by a different method of reporting to the Department of Justice concerning definite sentence prisoners, who applied for parole. It has since developed that the number of prisoners being granted parole by Ottawa has been greatly reduced. The attached report of the Board of Parole includes statistics concerning those War Purpose Paroles for the year under review. It is apparent from these statistics that the arrangement during the time it was in effect, gave many prisoners an opportunity to serve their country in work capacity and that 13.8 percent violated their paroles.

The Salvation Army Prison and Police Court report with attached statistics gives considerable information but cannot do full justice to the great amount of effort made by that organization in re-habilitating those who commit crime. The same can truly be said of other organizations and individuals engaged in the same effort.

In the present stage of our civilization custodial and correctional institutions of the proper kind are necessary, with steady improvement from time to time as science and other modern methods indicate, but at least as important as institutions, are great extensions in helping ex-prisoners become re-established as good citizens. At that time following their return to society from prison, a real effort to give them proper assistance will pay dividends. Always the greatest dividends are at the beginning. Prevent juvenile delinquency. When it does occur, detect it in its incipient form and promptly apply proper remedy. Those are the sure, sane ways to eliminate crime and criminals and to ensure that our human assets do not become liabilities.

C. F. NEELANDS,
Deputy Provincial Secretary.

TABLE No. 1

Movement of Population in Ontario Reformatories and Industrial Farms.
April 1st, 1943, to March 31st, 1944.

	Ontario Reformatory Guelph	Indus- trial Farm Bur- wash	Andrew Mercer Reformatory Toronto	Total
Remaining in Custody April 1st, 1943	679	620	144	1,443
Committed during the year	2,339	964	279	3,582
Re-admitted from Penitentiaries				
Re-admitted from Gaols and other Institu- tions	28		1	29
Parole Violators re-admitted	43	12	24	79
Ticket-of-Leave Violators re-admitted	33	15		48
Escapee returned		1		1
Total Number in Custody during the Year...	3,122	1,612	448	5,182
Discharged on expiration of sentence	1,470	622	161	2,253
Discharged by ticket-of-leave	44	14	1	59
Discharged by War Purpose ticket-of-leave	238	109		347
Discharged by Parole Board	282	130	101	513
Discharged by payment of fines	27	16	4	47
Discharged by remission of sentence	41	30		71
Discharged by Order-in-Council	23		1	24
Discharged by His Excellency the Governor General	5	2	5	12
Released on Bail	3		1	4
Interned				
Transferred to Hospital	6			6
Transferred to Hospital for the Mentally ill	6	7	13	26
Transferred to Other Institutions	4	16		20
Returned to gaols	41	6		47
Deported	5	1	1	7
Released or transferred for other reasons	4	4		8
Escaped and not recaptured up to March 31st, 1944	1	1		2
Died while in custody	2		1	3
Total number discharged, released, died, etc...	2,202	958	289	3,449
Number remaining in custody, March 31st, 1944	920	654	159	1,733

The following tables show Social Conditions; Educational Status; Habits as to use of Intoxicants and Drugs; Nationalities; Occupations and Criminal History of Prisoners Committed to Ontario Reformatories and Industrial Farms for the year ending March 31st, 1944.

	Ontario Reformatory Guelph	Indus- trial Farm Bur wash	Andrew Mercer Reformatory Toronto	Total
2. Social Conditions				
Married.....	654	368	109	1,131
Single.....	1,608	566	143	2,317
Widowed.....	59	26	22	107
Divorced.....	18	4	5	27
3. Educational Status				
Illiterate.....	34	42	7	83
Elementary.....	1,693	738	203	2,634
High School.....	588	182	69	839
College or University.....	24	2	.....	26
4. Habits as to use of Intoxicants				
Abstainers.....	606	.....	83	689
Temperate.....	781	411	79	1,271
Intemperate.....	952	553	117	1,622
5. Habits as to use of Drugs				
Abstainers.....	2,336	929	270	3,535
Addicts.....	3	35	9	47
6. Nationalities				
Canadian born.....	1,878	824	236	2,938
English.....	90	28	12	130
Irish.....	62	14	2	78
Scotch.....	99	25	8	132
United States.....	72	25	13	110
Other.....	138	48	8	194
7. Criminal History				
First time.....	692	118	144	954
Second time.....	423	106	55	584
Third time.....	265	90	20	375
More than third time.....	959	611	56	1,626
No record available.....	.....	39	4	43
8. Occupation				
Agricultural.....	151	91	.....	242
Commercial.....	258	70	57	385
Domestic.....	.....	68	180	248
Labourers.....	1,558	519	.....	2,077
Mechanics.....	277	205	.....	482
Professional.....	14	4	1	19
No occupation.....	81	7	41	129

Length of Sentences received by Prisoners committed in the Ontario Reformatories
and Industrial Farms and their Ages.

	Ontario Reformatory Guelph	Indus- trial Farm Bur- wash	Andrew Mercer Reformatory Toronto	Total
9. Ages of Prisoners				
14-19.....	801	50	102	953
20-24.....	302	315	63	680
25-29.....	197	170	29	396
30-34.....	152	118	26	296
35-39.....	175	82	23	280
40-44.....	196	82	14	292
45-49.....	163	44	9	216
50-54.....	140	37	4	181
55-59.....	108	29	4	141
60-64.....	57	19	4	80
65-69.....	22	13	1	36
70 and over.....	26	5	.....	31
10. Length of Sentences				
Definite				
Under 30 days.....	.....	.....	1	1
30 days and under 60.....	61	.....	14	75
2 Months and under	3	.....	27	585
3 " " " 4.....	494	24	31	549
4 " " " 5.....	95	23	4	122
5 " " " 6.....	20	16	1	37
6 " " " 9.....	184	228	25	437
9 " " " 12.....	22	40	3	65
12 " " " 15.....	184	121	8	313
15 " " " 18.....	20	22	.....	42
18 " " " 21.....	31	51	3	85
21 " " " 24.....	31	42	3	76
Miscellaneous.....	4	7	.....	11
Indefinite				
3 Months to 6 Months.....	77	27	10	114
3 " to 9 ".....	6	1	.....	7
3 " to 12 ".....	4	4	.....	8
3 " to 18 ".....	1	.....	.....	1
3 " to 24 ".....	.....	.....	.....	.....
6 " to 9 ".....	58	41	5	104
6 " to 12 ".....	40	51	3	94
6 " to 18 ".....	12	11	.....	23
6 " to 24 ".....	2	3	1	6
9 " to 12 ".....	12	6	.....	18
9 " to 18 ".....	2	1	.....	3
9 " to 24 ".....	32	.....	.....	32
12 " to 18 ".....	22	32	2	56
12 " to 24 ".....	16	8	.....	24
18 " to 24 ".....	8	25	1	34
24 " to 36 ".....	5	7	.....	12
24 " to 48 ".....	.....	2	.....	2
Miscellaneous.....	339	170	137	646

Number of prisoners who escaped and evaded capture; number who escaped and were recaptured; employment of prisoners and number of officers and employees.

	Ontario Reformatory Guelph	Indus- trial Farm Bur- wash	Andrew Mercer Reformatory Toronto	Total
11. Escapes				
Escaped and evaded capture.....	1	1	.....	2
Escaped and were recaptured	20	18	1	39
12. Employment of Prisoners in the Institution during the Year (Per Centage)				
Clerical.....	2.29	1.27	.....	.....
General Maintenance and Construction...	32.62	46.95	60.00	.....
Sick.....	5.44	4.60	3.00	.....
Bush Operations.....	.....	10.01	.....	.....
School.....	2.71	.....	.....	.....
Industrial.....	18.95	7.18	35.00	.....
Farm and Garden.....	18.21	15.02	2.00	.....
Land and Road Improvement	19.78	14.97	.....	.....
13. Number of Officers and Employees on March 31st				
Superintendent.....	2	1	1	4
Physicians.....	2	1	1	4
Dentists.....	1	1	1	3
Teachers.....	1	2	1	4
Bursars or Stewards.....	.....	.....	1	1
Storekeepers.....	1	1	.....	2
Asst. Storekeepers .....	.....	.....	.....	.....
Accountants, Clerks, Stenographers, etc...	12	9	2	23
Sergeants (Day).....	1	1	.....	2
Asst. Sergeants (Day).....	2	3	.....	5
Sergeants (Night).....	1	.....	.....	1
Asst. Sergeants (Night).....	.....	1	.....	1
Guards or Attendants (Day).....	58	64	16	138
Guards or Attendants (Night).....	42	16	3	61
Kitchen and Dining Room Help.....	.....	1	.....	1
Nurses.....	1	2	2	5
Farmers, Gardeners and Assts.....	4	1	1	6
Engineers and other Mechanical Help....	11	3	7	21
All other Employees.....	6	2	2	10
Total.....	145	109	38	292

TABLE
 Offences for which Prisoners were committed during the

	Ontario Reform- atory Guelph	Indus- trial Farm Bur- wash	Andrew Mercer Reform- atory Toronto	Total
A. Crimes Against the Person				
Abduction.....		1		1
Abortion.....	1			1
Assault Common.....	55	12		67
Assault Felonious.....		23	4	27
Attempted Suicide.....		1	2	3
Cutting and Wounding and attempting same.....	8	5	2	15
Shooting with intent.....				
Stabbing.....				
Manslaughter.....	2			2
Carnal Knowledge.....	13	4		17
Incest.....	2	2		4
Rape and Assault with intent.....	1	1		2
Total.....	82	49	8	139
B. Crimes Against Property				
Arson and Incendiarism.....	4	1	2	7
Breaking and Entering and Theft.....	6	112	3	121
Breaking and Entering.....	6	31	4	41
Burglary.....	3			3
Housebreaking.....	83	7		90
Robbery.....	54	14	1	69
Forgery.....	14	12	5	31
Fraud.....		1	3	4
False Pretences.....	33	33	7	73
Shopbreaking.....	261	6	1	268
Theft of Cars.....	204	70		274
Taking without owner's consent.....	53	6		59
Larceny or Theft.....	369	246	42	657
Receiving Stolen Goods.....	56	47	3	106
Trespass.....	2			2
Damage to Property.....	6	1	1	8
Total.....	1,154	587	72	1,813

No. 14.

year to Ontario Reformatory and Industrial Farms.

	Ontario Reformatory Guelph	Indus- trial Farm Bur- wash	Andrew Mercer Reformatory Toronto	Total
C. Crimes Against Public Morals and Decency				
Bigamy.....	13	6	7	26
Indecent Assault.....	30	32	.....	62
Indecent Exposure or other Indecent Act.....	8	7	.....	15
Inmates and Frequenters of Houses of Ill-fame.....	.....	.....	1	1
Keeping Houses of Ill-fame.....	1	1	11	13
Juvenile Delinquency.....	12	8	9	29
Perjury.....	4	1	2	7
Prostitution.....	.....	.....	5	5
Seduction.....	1	1	.....	2
Buggery.....	.....	.....	.....	.....
Non-support.....	.....	8	.....	8
Breaches of Venereal Disease Prevention Act.....	5	.....	48	53
Total.....	74	64	83	221
D. Crimes Against Public Order and Peace				
Breach of Liquor Control Act.....	675	22	24	721
Breach of Excise Act.....	2	1	.....	3
Breach of Narcotic or Drug Act.....	6	35	8	49
Breach of By-laws.....	.....	.....	.....	.....
Carrying Unlawful Weapons.....	7	3	.....	10
Cruelty to Animals.....	.....	.....	.....	.....
Drunk and Disorderly.....	.....	.....	.....	.....
Escaping from Constable.....	.....	.....	.....	.....
Escaping from Prison.....	8	3	3	14
Gambling.....	13	.....	.....	13
Obstructing an Officer.....	2	2	1	5
Unlawful shooting.....	.....	.....	.....	.....
Vagrancy.....	63	47	23	133
Civil offences against wartime Regulations	122	24	1	147
Military Offences.....	54	54	.....	108
Total.....	952	191	60	1,203
E. Other Offences not Enumerated above.....				
Total.....	77	73	56	206
GRAND TOTAL— Totals of A., B., C., D. and E.....	2,339	964	279	3,582

COMPARATIVE EXPENDITURE AND REVENUE FOR THE TWELVE MONTHS ENDING
MARCH 31st, 1943, AND MARCH 31st, 1944

	EXPENDITURE			REVENUE		
	March 31, 1943	March 31, 1944	Increase Decrease	March 31, 1943	March 31, 1944	Increase Decrease
Ontario Reformatory, Guelph—						
Salaries	\$ 166,999.50	\$ 167,099.22	\$99.72			
General Maintenance	212,768.18	242,510.67	29,742.49	\$ 57,248.07	\$ 66,039.66	\$ 8,791.59
Repairs to Buildings	16,232.91	13,150.08	\$ 3,082.83	400,659.60	410,320.91	9,661.31
Industries	399,985.09	399,413.22	571.87			
Mercer Reformatory, Toronto—						
Salaries	45,442.43	46,324.39	881.96			
General Maintenance	30,624.19	34,933.67	4,309.48	9,521.11	9,289.86	\$231.25
Repairs to Buildings	3,251.68	2,621.85	629.83			
Industries	86,056.28	82,798.09	3,258.19	108,720.89	127,584.50	18,863.61
Industrial Farm, Burwash—						
Salaries	161,270.46	148,204.13	13,066.33			
General Maintenance	193,948.70	188,776.26	5,172.44	70,870.50	100,173.94	29,303.44
Repairs to Buildings	29,296.49	24,867.89	4,428.60			
Industries	11,141.58	31,523.48	20,381.90	38,872.23	73,784.53	34,912.30
TOTALS	1,357,017.49	1,382,222.95	\$ 55,415.55	\$ 685,892.40	\$ 787,193.40	\$ 101,532.25

Increase in Ordinary Expenditure—\$25,205.46 Increase in Revenue—\$101,301.00

Reformatories

THE ONTARIO REFORMATORY, GUELPH

May 29, 1944.

C. F. NEELANDS, Esq.,
Deputy Provincial Secretary,
 Parliament Buildings,
 Toronto, Ontario.

DEAR SIR :

The attached statistical report of the Ontario Reformatory, Guelph, covers the fiscal year ending March 31, 1944.

2,339 were committed during the year, which is an increase of 176 commitments over the preceding year. The total number in custody during the year was 3,122. Our average daily population for the year was 801.8, which is an increase over the preceding year of 79.2 inmates, daily.

882 admissions were under the age of twenty-one years. This is 206 of an increase in this age group (14-20 years) over the preceding year. There were 146 more admissions in the age group below nineteen years than in the previous year.

692 were convicted for the first time, 423 for the second time, 265 for the third time and 959 for more than the third time.

Number convicted for the first time.....	29.5 %
Number convicted for the second time	18.08%
Number convicted for the third time	11.32%
Number convicted for more than third time	41.1 %

Of the 423 that were convicted for the second time:

- 2 had previously paid fines.
- 3 had previously served Penitentiary terms.
- 38 had previously been committed to Industrial Schools.
- 78 had previously served one term in a Reformatory.
- 87 had previously served one term in a Gaol.
- 105 had previously been placed on probation.
- 110 had previously been given suspended sentence.

From our committals, it would appear that:

- 264 had served one previous term in a Reformatory.
- 172 had served two previous terms in Reformatories.
- 99 had served three previous terms in Reformatories.
- 63 had served four previous terms in Reformatories.
- 53 had served five previous terms in Reformatories.
- 60 had served six previous terms in Reformatories.
- 198 had served more than six previous terms in Reformatories.

Our records also show that 178 commitments had served terms in the various Industrial and Training Schools; at least 101 had served previous terms in the Burwash Industrial Farm and 50 had been previously in the Ontario Reformatory, Mimico. 64 committals had previously served Penitentiary terms; of these:

- 43 had served 1 Penitentiary sentence.
- 11 had served 2 Penitentiary sentences.
- 8 had served 3 Penitentiary sentences.
- 2 had served more than 3 Penitentiary sentences.

238 inmates were granted special war purpose tickets-of-leave, and 33 violators were re-admitted. This scheme was in effect approximately one and one-half years and 478 inmates were released to approved positions. 65 were recommitted as failures.

Intelligence tests were given to all inmates serving over three months sentences, with the exception of B.L.C.A. offenders. An analysis of the results of these intelligence tests showed:

- 10.53% were mental defectives.
- 12.11% were borderline intelligence.
- 35.85% were of dull normal intelligence.
- 39.23% were of normal intelligence.
- 2.28% were of superior intelligence.

These tests were given to over one thousand inmates, and while we have a less percentage of mental defective and borderline cases than the preceding year, those of normal intelligence comprise only 41.51% of our total. This normal intelligence figure seems to run consistently through the years.

Educational tests were only given to those above borderline intelligence. The educational tests this year showed that of 737 tested:

- 4.48% had an educational score equal to their own claim.
- 1.22% had an educational score superior to their own claim.
- 94.30% had an educational score below their own claim.

While 514 inmates claimed on admission to have entrance standing or better, only 98 had this standing by educational test. The amazing thing is that they usually are quite honest about their real school standing when they are confronted with the result of their examination here. Only 11.9% of those tested had entrance standing or better, while 63.8% of those tested had less than Grade VI standing. While these percentage results are low they would be much lower if the true picture were shown and the mental defective and borderline groups educational scores included in the total.

The school had a successful year. The entrance class was small because so many of this category were released on war purpose tickets-of-leave. However, six wrote the entrance examinations and all six were successful, five with honours. Good progress was made with the junior and illiterate classes. The night vocational classes functioned as usual.

The library books at the end of the year number 5,480 volumes. The accessions during the year numbered 1,941 volumes. We are indebted greatly to the public libraries of seventeen Ontario Cities who send us these donations.

Physical training classes are held five nights a week with an inmate orchestra furnishing music for the exercises. Basketball games were held during the winter months and softball games during the summer months. Visiting teams from Guelph provide opposition at occasional intervals.

The general health of the inmates was good. 19,432 attendances were made on sick parade during the year, while 7,386 days were spent in hospital by 1,183 inmates. 27 major operations and 15 minor operations were performed successfully in St. Joseph's Hospital, Guelph. Two deaths occurred during the year, both in aged patients and both from cerebral hemorrhage. The dental clinic gave 3,004 examinations and treatments. 75 X-ray examinations were made by St. Joseph's Hospital for our inmates. Six patients were mentally ill and transferred to Ontario Hospitals for treatment. 73 commitments had syphilis, which is 3.1% of our total.

9 had positive spinal fluids, 33 commitments had gonorrhoea or 1.4% of our total. Venereal disease is not a serious problem with our inmates.

21 escapes were made during the year. All were recaptured although one was not taken into custody until April 3, 1944. Despite exigencies of a difficult staff situation due to wartime deficiencies, discipline was well maintained during the year.

All of the industrial departments operated throughout the year. The total industrial revenue was \$409,709.89, which is a reduction of some \$1,500.00 over the preceding year, due to war difficulties.

On our farm, the crops were fairly good. Our farm recoveries amounted to \$65,446.05, which is approximately \$600.00 less than the previous year. 621 hogs and 13 sows were sold with a return to us of some \$18,346.48. Our milk production was 905,536 pounds, with a monetary return of \$21,993.53. The garden crop amounted to 755,514 pounds, with a value of \$10,143.94. The field crops had a value of \$9,029.22, which is a decrease from the previous year of \$3,250.81.

We are very grateful to those who, during the year, provided religious services and gave spiritual advice to our inmates, and to those who furnished entertainment.

I wish to commend my staff to you for their conscientious and loyal service in these difficult times.

I wish to thank the Honourable Mr. Dunbar, yourself, and your staff for the assistance, courtesy and kindness extended to us throughout the year.

Yours very truly,

J. D. HEASLIP, M.D.
Superintendent.

ANNUAL REPORT
OF THE INDUSTRIAL FARM, BURWASH, ONTARIO.

C. F. NEELANDS, ESQ.,
Deputy Provincial Secretary,
Parliament Buildings,
Toronto, Ontario.

DEAR SIR:

Herewith is the Statistical report of the Industrial Farm, Burwash, for the year ending March 31st, 1944.

Admissions during the year 964; discharged 958. Inmates remaining in custody at the end of the year 654.

Nineteen inmates escaped. Eighteen were recaptured. One inmate escaped and evaded capture.

Farming, lumbering and wood fuel cutting operations provided healthy outdoor employment for approximately 60% of the population. The general health of the inmates was very good during the year with 88 admissions to the hospital. 17 major and 75 minor operations carried out. Dental treatment and examinations 1862.

The Mobile Unit from the Sudbury Branch of the Canadian Red Cross Society visited Burwash when 337 donations were made to the Blood Bank.

Recreation for inmates included concerts, boxing bouts, cards and checkers during the winter months, inmates provided their own talent. The Annual Sports Day was held July 1st when track and field events created a lively competition amongst the inmates. Baseball teams from Camps 1, 2 and 5 participated.

The Stationary Engineering Course of Study was continued during the past year; three certificates being granted to inmates, and four Certificates granted to members of the Engineering Staff. The co-operation of the Department of Labour is appreciated in this work.

Discipline was maintained throughout the year and the service rendered by all members of the Staff in the course of routine duties was very gratifying.

Unfavourable weather, during the early part of the year resulted in a fair grain crop. Root crops were good. Farm Recoveries and sales amounted to \$93,288.99.

Revenue from lumber and sawmill operations \$56,484.38. Over one million feet of lumber was delivered on instructions from the Department of Munitions and Supply for War Purposes.

Revenue from Tailor Shop \$17,300.15.

In an effort to help out the labour shortage, a number of inmates were employed on railway work in the vicinity of the Farm.

Unfortunately the horse barn was completely destroyed by fire on January 15. The Staff and inmates are to be commended for the valuable service rendered at that time by leading the horses from the building.

The clearing of land adjacent to farm buildings for pasture and agricultural use was continued. 50 acres cleared and ploughed. Roughly 200 acres brushed, stumped and ready for ploughing.

Our thanks are expressed to all spiritual advisers visiting the Institution for the splendid work done. Individual interviews contributed greatly in preparing each inmate for his return to useful citizenship.

The consideration given this Institution by the Honourable G. H. Dunbar is appreciated. We are also grateful for the kindly understanding and assistance by you and the members of your staff during the year.

Your very truly,

W. L. McJANNET.

Superintendent.

MERCER REFORMATORY

C. F. NEELANDS, ESQ.,
Deputy Provincial Secretary,
Parliament Buildings,
Toronto, Ontario.

DEAR SIR:

I have the honour to present herewith the Annual Report of the Andrew Mercer Reformatory for the year ending March 31st, 1944.

The statistical tables show the conditions of life and the occupations of the women before entering the Reformatory. Records reveal that a constantly increasing number of young women between the ages of 16 and 30 are received at this Institution and, sad to say, the majority of them are infected with venereal disease.

The commitments during the year were 279, as against 286 in the preceding year. The number in custody at the beginning of the fiscal year was 144 and, with the 279 committed, 1 re-admitted and 24 parole violators re-admitted, the total number in custody was 448. The number discharged was made up as follows: 161 on Expiration of Sentence; 1 by Ticket-of-Leave; 101 by the Ontario Board of Parole; 4 by Payment of Fine; 1 by Order-in-Council; 5 by his Excellency the Governor General; 1 released on Bail; 13 transferred to Hospitals for the Mentally Ill; 1 Deported; and 1 died while in custody.

I am pleased to be able to testify to the general good conduct of the majority of the inmates. It has often been a matter of surprise to me that women and girls, who have led restless and undisciplined lives while at liberty, are so quiet and respectful while under discipline.

Under the supervision of Dr. Hills, the general health of the inmates has been good. Sick parade is held twice a day, when all minor ailments are cared for. The number of treatments and medication given during the year was 10,969. There were 4,015 specific treatments and 79 lumbar punctures. Intelligence tests, numbering 217, were given.

The visiting dentist, Dr. Morrow, comes to the Institution one half day each week. The total dental service during the year was: Examined, 286; Treated, 424; Prophylaxis, 23; Gum treatments, 84; Fillings, 125; Extractions, with local anaesthetic, 347; Dentures fitted, 16; Dentures received, 9.

As the books in our library were discards from public libraries and have been in circulation here for a number of years, they now are almost unfit for further use.

It is with regret that I mention the retirement, because of ill health, of our gardener, Mr. Macklin, who for 39 years was a most valued and conscientious member of the staff.

The regular religious services have been faithfully carried on. All inmates have an opportunity of receiving religious instruction, it being compulsory for them to be present at their respective services. The inmates of the Reformatory are greatly indebted to the officers of the Salvation Army for the many entertainments given by them during the year. I wish also to thank particularly the clergymen who have conducted services in the Institution, the Sunday school teachers for their unwearying devotion, and all others who have helped in any way.

I wish to take this opportunity of extending my deepest thanks and gratification to the staff of this Institution, as well as to you, Sir, and other members of the Department for the continued support and co-operation given me throughout the past year.

Yours truly

J. MILNE,
Superintendent.

Board of Parole

ANNUAL REPORT OF THE ONTARIO BOARD OF PAROLE

FOR THE YEAR ENDING MARCH 31ST, 1944

The Board of Parole for the past year has continued its work of endeavouring to rehabilitate men and women who come before the Board at the various Provincial Institutions. Rehabilitation cannot be accomplished unless there is a desire within the prisoner himself to mend his ways. The Board considers that its function is to develop latent qualities of honour, decency and straight thinking in men and women coming under its jurisdiction. Only in that way can it hope to restore them to useful citizenship. Meetings of the Board are held each month at the Andrew Mercer Reformatory, Toronto; the Ontario Reformatory, Guelph, and the Industrial Farm, Burwash. After an inmate is granted parole it is the duty of the Secretary to find employment for or investigate offers of employment sent to the Parole Office by prospective employers and to supervise all men and women on parole. We have received splendid assistance in the past from the various local and charitable organizations throughout the Province who are interested in this work and from the Municipal and Provincial Police during the past year.

During the last year an arrangement was entered into by the Department of Justice, Ottawa, and the Department of the Provincial Secretary of Ontario, whereby, on recommendation of the Superintendents of various Institutions, inmates could be granted a Ticket-of-Leave to work in essential War Work or on farms. These inmates to be under the supervision of the Secretary of the Parole Board. This increased in many ways the work of the Parole Office.

The present members of the Board are: Mr. L. J. Long, Mr. W. B. Common and Col. A. F. Hatch. The executive staff of the Board is comprised of Mr. C. F. Swayze, Chief Officer and Secretary, Mr. G. R. Trumbell, Assistant Parole Officer, four stenographers and one filing clerk.

Number of meetings held during the fiscal year ending March 31, 1944..	35
Number of Paroles cases interviewed.....	1,133
Paroles authorized.....	635
Paroles put into effect.....	508

STATEMENT—FOR YEAR ENDING MARCH 31st, 1944

(Parole Violators)

Re-convicted:

Paroled previous to March 31st, 1943	13	
Paroled during the Fiscal Year	46	59

Sent Back and Parole Cancelled:

Paroled previous to March 31st, 1943 ..	6	
Paroled during the Fiscal Year	26	32

Disappeared:

Paroled previous to March 31st, 1943 ...	6	
Paroled during the Fiscal Year	14	20 111

Total Failures:

Paroled previous to March 31st, 1943 ...	25	
Paroled during the Fiscal Year	86	111

Paroled:

Men	413	
Women	95	508

Failures 17%

*(War Purpose Tickets-of-Leave Revoked)**Re-convicted:*

Released previous to March 31st, 1943 ...	3	
Released during the Fiscal Year	40	43

Sent Back and Ticket-of-Leave Revoked:

Released previous to March 31st, 1943....	Nil	
Released during the Fiscal Year	3	3

Disappeared:

Released previous to March 31st, 1943 ...	Nil	
Released during the Fiscal Year	14	14 60

Total Failures:

Released previous to March 31st, 1943 ...	3	
Released during the Fiscal Year	57	60

Released:

Men	411	
Women	1	412

Failures 13.8%

The Salvation Army

A REPORT OF THE PRISON, JAIL AND POLICE COURT WORK IN THE PROVINCE OF ONTARIO

FOR THE YEAR ENDED DECEMBER 31ST, 1943

Herewith is presented a brief report of the Services rendered by the Salvation Army in Prisons, Jails and Police Courts of Ontario.

The problem of the restoration of a fallen man is age old and one of the greatest in the world. It has agitated the minds of great men and women, and in spite of all that has been done, it still presents one of the greatest of all challenges to Society. How the Salvation Army is trying to meet this is outlined in the following report.

PREVENTATIVE AND POLICE COURT WORK

All agree that the best time to save a fallen man is before he falls. Our Officers pay special attention to the family and give advice and help to the boy and girl who get into trouble.

Our Officers are continually in touch with the Police Court in the various centres, in Ontario trying to redeem them before they get launched on a career of crime. Our efforts on their behalf have been most successful.

PRISONERS' WELFARE WORK

It is generally recognized that in respect to the Law breakers, the real sufferers are the wives and children, and our first thought is to them. Many of these are the innocent victims of crime and its consequence, and in practically every town and city, our Officers work under our instructions to alleviate the conditions of these dependents.

Then, too, the man behind the Prison bars is not forgotten, but is visited there and led to confide in One who is interested in his complete reformation. Our bands and singing groups too, visit these men and contribute considerably to their moral and spiritual welfare.

Religious meetings are held regularly in all the Jails and Prisons throughout the Province, and the voluntary attendances at these gatherings speak volumes to the confidence our Organization has won in the hearts of the men and women inmates.

PRISON GATE WORK

One of the largest fields of our endeavour is in this field of after care of the Prisoners. A great number of these are met and cared for at our Institutions until they can make their own arrangements, work found where possible, and often reconciled and restored to their families.

A number of men have been paroled to the Salvation Army and we have been successful in finding employment for them and in rehabilitating themselves.

In closing I want to place on record our gratitude and thanks to the Superintendents and Officials of the various Institutions, also the Magistrates and Crown Attorneys for their real sympathy and help in cases where they feel that mercy can be extended yet justice done.

REPORT OF PRISONS, GAOLS AND POLICE COURT WORK FOR THE
PROVINCE OF ONTARIO, YEAR ENDING DECEMBER 31, 1943

Visits to Jails, Prisons and Police Courts including visits when services are held	2,612
Interviews with men	3,906
Religious services conducted in Prisons and Jails	1,280
Men handed to the Salvation Army, met on discharge or who have come direct to the Prison Office	1,273
Meals and Beds supplied free	1,415
Letters written, or calls made by phone in order to bring about reconciliation, or secure employment for discharged men	1,614
Visits to homes, also prospective employers on behalf of prisoners	1,303
Employment secured, returned to former jobs or sent back to friends or parents mostly from the Police Court	533
Number provided with clothing	837

Gifts are given to men at Christmas at all Prisons and Jails.

STATEMENT OF INCOME AND EXPENDITURE FOR THE FISCAL YEAR
ENDED DECEMBER 31st, 1943

EXPENDITURE		INCOME	
Assistance to Prisoners and Dependents	\$3,189.88	<i>By Grants</i>	
Expenses of Officers engaged in Prison and Police Work:—		Province of Ontario	\$ 7,500.00
		City of Toronto	2,000.00
		City of Kingston	845.00
		Donations	370.40
<i>Toronto</i>			
Head Office — Salaries, Rents Office Expenses, Travelling etc.	2,696.05		
<i>Burwash</i>			
Salaries	\$1,298.50		
Rent and Water Rates ..	60.00		
Incidentals	144.11		1,502.61
<i>Guelph</i>			
Salaries	1,576.25		
Rents	442.50		
Incidentals	390.75		2,409.50
<i>Kingston</i>			
Salaries	1,351.50		
Travelling	123.55		
Incidentals	112.93		1,587.98
<i>Toronto—Men's Section</i>			
Salaries	2,039.30		
Rents	445.45		
Incidentals	209.56		3,773.51
<i>Toronto—Women's Section</i>			
Salaries	962.75		
Rents	88.50		
Incidentals	209.56	1,260.81	Deficit
			5,704.94
	\$16,420.34		\$16,420.34

Annual Report upon the Gaols of Ontario

FOR THE YEAR ENDING MARCH 31, 1944

1.	City Gaols (Toronto and Hamilton)	2	
	County Gaols	35	
	District Gaols	10	
	Total number of Gaols in Ontario	47	
2.	Total expenditure for Gaol Maintenance in Ontario:		
	For year ending March 31, 1943	\$574,906.50	
	For year ending March 31, 1944	573,429.56	
3.	Average Maintenance cost per day per prisoner:		
	For year ending March 31, 1943	1.47	
	For year ending March 31, 1944	1.44	
4.	Average dietary cost per day per prisoner:		
	For year ending March 31, 1943 .....	.1950	
	For year ending March 31, 1944 .....	.1913	
5.	Number of prisoners committed:		
	For year ending March 31, 1943	25,411	
	For year ending March 31, 1944	25,975	
	Increase	564	
6.	Number of prisoners sentenced:		
	For year ending March 31, 1943	18,551	
	For year ending March 31, 1944	19,159	
	Increase	608	

COMMITMENTS

	1942-43	1943-44	Decrease	Increase
Murder	16	8	8	.....
Manslaughter	34	28	6	.....
<i>Crimes:</i>				
Against the Person	1,087	1,024	63	.....
Against Property	5,495	7,268	...	1,773
Against Public Morals and Decency	681	1,094	...	413
Against Order and Peace	16,380	15,490	890	.....
Mentally Ill	393	358	35	.....
Number of days stay of prisoner	390,016	397,200	.....	7,184
Escapes	25	40	...	15
Escaped and Captured	23	37	...	14
Deaths in Gaols	7	6	1	.....

The following tables show total Sex, Social Conditions, Habits and Educational Status of all prisoners committed:

	SEX	
	1942-43	1943-44
Male	23,147	23,633
Female	2,264	2,342

SOCIAL CONDITIONS		
	1942-43	1943-44
Married	8,997	8,797
Unmarried	16,414	17,178

HABITS		
	1942-43	1943-44
Temperate	8,596	10,752
Intemperate	16,815	15,223

EDUCATIONAL		
	1942-43	1943-44
Could read or write	24,698	25,236
Could neither read nor write	713	739

The following table shows the Nationality, Occupations and ages of all prisoners committed:

	NATIONALITY	
	1942-43	1943-44
Canadian Born	20,527	21,256
English	1,181	986
Irish	574	575
Scotch	861	859
United States	561	598
Other Countries	1,707	1,701

OCCUPATIONS		
	1942-43	1943-44
Agricultural	754	803
Commercial	3,034	1,861
Domestic	1,960	2,029
Labourers	14,122	15,006
Mechanics	2,239	3,204
Professional	298	235
Soldiers.....	1,721	1,925
Sailors	334	333
No occupation	949	579

AGES OF PRISONERS COMMITTED		
	1942-43	1943-44
Under 16 years	302	352
16 years to 19	3,732	4,937
20 years to 24	3,572	4,290
25 years to 29	2,782	3,021
30 years to 34	2,528	2,600
35 years to 39	2,566	2,288
40 years to 49	4,527	4,236
50 years to 59	3,680	2,936
60 years to 69	1,441	1,019
70 years and over	281	296

NUMBER OF TIMES COMMITTED

	1942-43	%	1943-44	%
First Time	13,729	54	14,419	55.5
Second Time	3,958	15.6	4,032	15.5
Third Time	2,034	8	2,068	8
More than Third Time	5,690	22.4	5,456	21

NUMBER OF PRISONERS COMMITTED REPORTED AS DRUG ADDICTS:

Barrie	3	Peterborough	3
Hamilton	4	St. Catharines	1
Kitchener	1	Toronto	69
Lindsay	2	Welland	3
Milton	1	Windsor	2
Ottawa	1	Bracebridge	2
			<u>92</u>

NUMBER OF PRISONERS SENTENCED TO CORPORAL PUNISHMENT:

Brockville	4	Toronto	9
Chatham	4	Walkerton	1
Hamilton	7	Welland	1
Kitchener	1	Kenora	1
Pembroke	1	Parry Sound	2
			<u>31</u>

Offences for which prisoners were committed and sentenced during the year.

A. CRIMES AGAINST THE PERSON

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Abduction.....	5	2	7	4		4
Abortion.....	2		2			
Assault, Common.....	556	16	572	341	9	350
Assault, Felonious.....	202	12	214	149	10	159
Attempted Suicide.....	24	16	40	12	11	23
Cutting and wounding and attempting same.....	40	5	45	24	2	26
Shooting with intent.....	4		4	1		1
Stabbing.....						
Manslaughter.....	23	5	28	10	3	13
Murder.....	6	2	8	5	1	6
Carnal Knowledge.....	66		66	46		46
Rape and Assault with intent to rape	38		38	10		10
Total.....	966	58	1,024	602	36	638

B. CRIMES AGAINST PROPERTY

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Arson and Incendiarism.....	26	3	29	17	1	18
Breaking, Entering and Theft.....	1,585	26	1,611	1,226	18	1,244
Robbery.....	209	7	216	155	2	157
Forgery.....	95	12	107	84	10	94
Fraud.....	122	15	137	71	6	77
False Pretenses.....	159	12	171	133	11	144
Larceny and Theft.....	2,965	263	3,228	1,958	160	2,118
Theft of Cars.....	695	4	699	497		497
Taking without owners consent.....	205	1	206	155		155
Receiving stolen goods.....	342	33	375	235	15	250
Trespass.....	294	8	302	242	4	246
Damage to Property.....	170	17	187	116	12	128
Total.....	6,867	401	7,268	4,889	239	5,128

Offences for which prisoners were committed and sentenced during the year.

C. CRIMES AGAINST PUBLIC MORALS AND DECENCY

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Bigamy.....	30	13	43	25	13	38
Indecent Assault.....	172	.....	172	126	.....	126
Indecent Exposure.....	90	3	93	71	2	73
Incest.....	23	1	24	11	1	12
Inmates and frequenters of Houses of ill-fame.....	68	69	137	15	43	58
Keeping Houses of ill-fame.....	54	56	110	45	32	77
Juvenile Delinquency.....	119	38	157	62	24	86
Perjury.....	13	.....	13	9	.....	9
Prostitution.....	.....	13	13	.....	6	6
Seduction.....	13	.....	13	5	.....	5
Buggery.....	15	.....	15	11	.....	11
Non-support.....	198	11	209	126	9	135
Breaches of Venereal Disease Pre- vention Act.....	24	71	95	10	45	55
Total.....	819	275	1,094	516	175	691

D. CRIMES AGAINST PUBLIC ORDER AND PEACE

	COMMITMENTS			SENTENCES		
	Male	Female	Total	Male	Female	Total
Breaches of the Liquor Control Act.....	3,123	258	3,381	2,654	202	2,856
Breaches of the Excise Act.....	38	.....	38	25	.....	25
Breaches of the Narcotic and Drug Act.....	93	18	111	68	9	77
Breaches of the By-Laws (Do not include B.L.C.A.).....	76	3	79	69	2	71
Breaches of the Highways Traffic Act.....	188	4	192	155	4	159
Breaches of Probation Act.....	36	16	52	15	5	20
Carrying unlawful weapons.....	68	3	71	46	2	48
Cruelty to animals.....	7	.....	7	5	.....	5
Drunk and Disorderly (Do not in- clude B.L.C.A.).....	5,022	518	5,540	4,750	515	5,265
Drunk driving.....	708	9	717	667	8	675
Reckless Driving.....	255	5	260	135	2	137
Escaping from Constable.....	12	.....	12	12	.....	12
Escaping from prison or gaol.....	56	4	60	46	2	48
Gambling.....	25	1	26	14	1	15
Obstructing an Officer.....	90	7	97	66	4	70
Selling or giving liquor to Indians (Do not include B.L.C.A.).....	83	14	97	79	14	93
Vagrancy.....	1,942	467	2,409	991	190	1,181
Contempt of Court.....	147	14	161	144	13	157
Civil offences against wartime Regu- lations.....	1,199	24	1,223	998	16	1,014
Military offences.....	930	27	957	350	7	357
Total.....	14,098	1,392	15,490	11,289	996	12,285
E. OTHER OFFENCES NOT ENUMERATED ABOVE.....	883	216	1,099	335	82	417
GRAND TOTAL (Totals of A, B, C, D, and E).....	23,633	2,342	25,975	17,631	1,528	19,159

TABLE
Showing the Names and Salaries of various Gaol

CITY and COUNTY GAOLS	Names of Officials			
	Sheriffs	Gaolers	Chief Matrons	Gaol Surgeons
Barrie.....	E. C. Drury.....	E. M. Garrity....	Mrs. E. M. Garrity.	Dr. L. H. Bigelow...
Belleville.....	J. D. O'Flynn.....	J. E. Samain....	" J. E. Samain..	" R. Ross.....
				" van Blakeslee...
Brampton.....	F. S. Hutchison...	J. A. Hillson....	" K. Hillson....	" W. Brydon....
Brantford.....	C. S. Tapscott....	J. Cook.....	" E. Cook.....	" R. H. Palmer...
Brockville.....	R. J. Gill.....	F. J. Heffernan..	" E. Heffernan..	" D. I. Matheson..
		G. A. Myers.....	" M. Myers.....	
Cayuga.....	R. F. Miller.....	J. B. Smith.....	" A. E. Smith....	" D. R. Weylie...
Chatham.....	E. W. Hardy.....	P. J. Daigneau...	" G. Daigneau...	" J. S. Ferguson..
				" J. McWilliam...
Cobourg.....	J. F. Field.....	F. J. Wight.....	" V. Wight.....	" A. R. Richards..
Cornwall.....	F. Stidwell.....	J. S. Dickey.....	" B. Dickey.....	" J. A. McGuire..
Goderich.....	W. N. Hill.....	J. B. Reynolds...	" J. B. Reynolds..	" W. F. Gallow...
Guelph.....	H. C. Waind.....	J. Clarke.....	" J. Clarke.....	" A. B. McCarter..
Hamilton*.....	A. C. Caldwell...	F. V. Lalonde....	" E. Lalonde....	" H. R. McAlister.
				" J. E. Crack....
Kingston.....	C. H. Wood.....	J. T. Hawkey....	" G. Hawkey....	" P. H. Huyck....
Kitchener.....	G. H. Gillies....	E. Langridge....	" V. Langridge..	" D. G. McTaggart
Lindsay.....	A. J. Campbell...	H. W. Stone.....	" E. Stone.....	" M. F. White....
London.....	D. A. Graham....	C. H. Mitchell...	" A. Ross.....	" D. H. Hogg....
L'Orignal.....	A. Landriault...	A. Gelineau....	" R. Gelineau...	" R. Laviolette...
Milton.....	W. J. L. Hampshire	J. C. Fleming....	" E. Fleming....	" C. K. Stevenson
Napanee.....	J. L. Haycock....	G. L. McCabe....	" G. L. McCabe...	" T. M. Galbraith
Orangeville...	T. K. Slack.....	H. A. Coutts....	" M. Coutts....	" J. W. Leach....
Ottawa.....	S. Crooks.....	I. A. Sutherland..	" B. Samson....	" F. Argue.....
Owen Sound...	R. J. Benedict...	T. A. Ramage....	" J. Ramage....	" R. Howey.....
Pembroke.....	W. H. Gibson....	A. G. Brown....	" E. Brown....	" L. G. Reid.....
Perth.....	G. R. McLennan..	R. A. Moodie....	" R. A. Moodie..	" J. F. Noonan...
Peterboro.....	F. J. A. Hall....	T. D. Johnston...	" E. Johnston...	" J. A. Morgan...
Picton.....	A. E. Bowerman..	W. McWilliams...	" V. McWilliams..	" S. W. D. Hart...
				" C. R. Richmond.
St. Catharines.	F. J. Graves.....	J. J. Dundas....	" L. Dundas....	" J. A. Bell.....
			Miss L. M. Dundas.	
St. Thomas....	I. D. Cameron....	C. P. Ermatinger.	Mrs. R. B. Donaldson	" D. L. Ewin.....
Sarnia.....	A. J. Johnston...	E. J. Mott.....	" C. Mott.....	" R. G. R. MacDonald
Simcoe.....	W. H. Mason....	G. Mercel.....	" J. Mercel.....	" J. C. T. Sibling..
Stratford.....	H. D. Lang.....	A. T. Trethewy..	" A. Trethewy..	" M. J. Fraser....
		H. Johnson.....		
Toronto*.....	M. C. Zimmerman	W. L. Rayfield...	" M. Peers.....	" W. H. Hills....
Walkerton....	H. A. McGillivray.	A. E. Ferguson...	" M. Ferguson..	" W. A. Hall....
				" T. Sinclair....
Welland.....	V. L. Davidson...	D. Sharp.....	" D. Stewart...	" C. R. Hignell...
Whitby.....	H. Bascom.....	H. F. Lucas....	" I. E. Lucas....	" C. F. McGillivray
				" C. A. Cuddy....
Windsor.....	A. A. Marentette..	J. T. Morkin....	" A. Morkin....	" C. J. Hemond...
Woodstock....	C. E. Sutherland..	J. L. Skinner....	" G. Skinner....	" C. M. MacKay..
DISTRICT GAOLS				
Bracebridge..	C. S. Salmon.....	C. Reynolds....	Mrs. C. Reynolds..	" E. G. Ellis....
Fort Frances..	C. L. Sundin.....	J. Miller.....	" J. Miller.....	" J. E. O'Donnell.
		R. F. Brown....	" N. P. Brown..	
Gore Bay.....	W. I. Wagg.....	R. McDermid....	" R. McDermid..	" S. J. Rosenthal..
Haileybury...	H. Clifford.....	A. T. Humphreys	" C. Terrill....	" W. C. Arnold...
Kenora.....	L. D. MacCallum..	E. W. Cox.....	" M. F. Cox....	" W. J. Gunne...
North Bay....	A. R. Girard....	R. England.....	" F. Valin.....	" E. J. Brennan...
Parry Sound..	J. E. Armstrong..	T. W. Keating...	" T. Keating...	" A. J. L. Wright..
Port Arthur..	H. Thompson....	G. F. Lasseter..	Miss M. A. McNeill.	" W. Smith.....
Sault Ste. Marie	R. E. Stone.....	W. Johnson....	Mrs. H. Johnson...	" S. E. Fleming...
Sudbury.....	M. Arthur.....	J. Galbraith...	" J. Galbraith..	" J. F. McCullough

* City Gaols

No. 1.

Officials for the Year Ending March 31st, 1944.

CITY and COUNTY GAOLS	Salaries of Officials					Total
	Gaolers	Matrons	Other Officers	Surgeons		
				Salaries	Fees	
Barrie	\$1,400.66	\$ 421.98	\$4,189.58	\$ 400.00	\$ 148.00	\$6,560.22
Belleville	784.00	427.00	2,024.00	437.50	.....	3,735.00
Brampton	1,079.92	264.16	1,008.50	200.00	24.00	2,576.58
Brantford	1,582.50	528.75	4,943.24	300.00	50.00	7,404.49
Brockville	855.38	148.70	2,913.46	300.00	69.00	4,647.64
	307.62	53.48				
Cayuga	1,309.00	237.88	1,520.00	160.00	.....	3,226.88
Chatham	1,395.24	429.80	4,147.04	259.50	52.00	6,370.58
				87.00		
Cobourg	1,188.84	264.16	1,432.75	261.33	.....	3,147.08
Cornwall	1,686.66	315.50	4,015.94	300.00	83.00	6,401.10
Goderich	1,189.10	237.47	1,361.50	125.00	19.00	2,932.07
Guelph	1,296.30	324.00	2,998.42	200.00	.....	4,818.72
Hamilton*	2,140.00	808.20	19,000.98	1,141.20	261.00	23,398.93
				47.55		
Kingston	1,440.99	712.00	2,812.00	350.00	73.00	5,387.99
Kitchener	1,502.72	442.28	3,416.49	500.00	74.00	5,935.49
Lindsay	1,269.00	253.80	1,496.85	150.00	8.00	3,177.65
London	1,799.34	900.48	11,597.51	700.00	.....	14,997.33
L'Orignal	1,080.01	286.96	1,426.51	400.00	48.00	3,241.48
Milton	966.75	264.16	1,392.28	200.00	.....	2,823.19
Napanee	972.00	211.36	1,268.45	200.00	12.00	2,663.81
Orangeville	1,296.00	318.75	1,266.00	125.00	.....	3,005.75
Ottawa	2,120.01	687.06	16,665.73	386.00	307.00	20,165.80
Owen Sound	1,296.00	317.00	1,368.00	250.00	13.00	3,244.00
Pembroke	1,792.09	236.54	1,278.75	300.00	75.00	3,682.38
Perth	1,080.00	210.98	1,115.00	500.00	.....	2,905.98
Peterboro	1,296.00	334.00	2,826.34	200.00	49.00	4,705.34
Picton	831.54	232.44	804.89	.....	142.30	2,011.17
St. Catharines	1,294.66	137.81	4,013.00	158.33	361.00	6,145.71
		180.91				
St. Thomas	1,524.13	317.00	2,649.39	200.00	44.00	4,734.52
Sarnia	1,296.00	426.88	3,705.04	300.00	.....	5,727.92
Simcoe	907.20	264.05	1,691.00	75.00	141.00	3,078.25
Stratford	838.75	424.09	1,459.30	150.00	.....	2,972.14
	100.00					
Toronto*	3,170.00	1,427.00	72,372.00	1,000.00	1,172.00	79,141.00
Walkerton	1,110.00	220.00	1,360.90	75.00	.....	2,865.90
				100.00		
Welland	1,827.50	315.00	3,728.62	300.00	118.00	6,289.12
Whitby	1,080.00	264.15	3,442.51	75.00	49.00	4,985.66
				75.00		
Windsor	1,716.67	648.00	15,152.16	900.00	196.50	18,613.33
Woodstock	1,282.76	316.50	1,729.36	200.00	12.00	3,540.62
DISTRICT GAOLS						
Bracebridge	1,556.92	300.00	1,477.83	150.00	.....	3,484.75
Fort Frances	311.98	33.87	3,109.74	200.00	.....	5,375.57
	1,509.98	210.00				
Gore Bay	1,556.92	300.00	109.00	200.00	.....	2,165.92
Haileybury	2,106.00	650.00	9,982.87	400.00	122.00	13,260.87
Kenora	2,164.50	300.00	6,631.63	300.00	.....	9,396.13
North Bay	2,223.00	675.00	7,805.96	400.00	105.00	11,208.96
Parry Sound	1,671.00	450.00	3,056.91	250.00	10.00	5,437.91
Port Arthur	2,300.00	744.36	14,726.89	400.00	.....	18,171.25
Sault Ste. Marie	1,989.00	400.00	6,026.77	300.00	55.00	8,770.77
Sudbury	2,300.00	400.00	8,055.52	720.00	.....	11,475.52

TABLE
MOVEMENT OF

CITY and COUNTY GAOLS	Number Remaining in custody on remand Mar. 31st, 1943			Number Remaining in custody awaiting trial Mar. 31st, 1943			Number Remaining in custody serving unexpired sentences or for other reasons Mar. 31st, 1943			Number Committed during the year ending March 31st, 1944		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie.....	3		3	4		4	18	2	20	561	57	618
Belleville.....	5	1	6				11	2	13	441	43	484
Brampton.....							3		3	160	8	168
Brantford.....							9		9	278	19	297
Brockville.....	5		5				2		2	322	36	358
Cayuga.....	2		2	3	1	4	4		4	117	6	123
Chatham.....	13	2	15				12	1	13	313	29	342
Cobourg.....				7	1	8	1		1	260	31	291
Cornwall.....	4		4				8	2	10	322	26	348
Goderich.....							1		1	52	6	58
Guelph.....	1		1				11	1	12	209	17	226
Hamilton*.....	30	8	38				50	1	51	1,532	180	1,712
Kingston.....	6	2	8				10		10	363	36	399
Kitchener.....	2		2				16		16	260	35	295
Lindsay.....	2		2	1		1	1		1	63	9	72
London.....	3	1	4				35	4	39	832	76	908
L'Orignal.....				6		6	1		1	126	11	137
Milton.....							3		3	85	8	93
Napanee.....							1		1	96	5	101
Orangeville.....										35	2	37
Ottawa.....	14	2	16	12	1	13	27	8	35	1,175	176	1,351
Owen Sound.....				2		2	8		8	123	9	132
Pembroke.....		2	2				3		3	147	21	168
Perth.....							3	1	4	98	11	109
Peterboro.....		1	1	3		3	13	1	14	248	10	258
Picton.....							1		1	55	3	58
St. Catharines.....	6		6				12		12	281	13	294
St. Thomas.....							3		3	228	7	235
Sarnia.....							28		28	801	34	835
Simcoe.....	1		1				1		1	245	17	262
Stratford.....										89	1	90
Toronto*.....	32	4	36	9	3	12	142	18	160	7,913	862	8,775
Walkerton.....	1		1				1	1	2	83	4	87
Welland.....	5		5				27		27	492	18	510
Whitby.....	5		5				19		19	464	24	488
Windsor.....	16		16	7		7	26	3	29	1,015	128	1,143
Woodstock.....		1	1				1	1	2	141	9	150
DISTRICT GAOLS												
Bracebridge.....										81	6	87
Fort Frances.....	6		6							144	12	156
Gore Bay.....							3		3	6		6
Haileybury.....	3	1	4	1		1	25	1	26	465	37	502
Kenora.....	1		1				16	1	17	243	24	267
North Bay.....	4	1	5	1		1	18	1	19	462	29	491
Parry Sound.....							4	1	5	251	14	265
Port Arthur.....	6	3	9				44	12	56	659	107	766
Sault Ste. Marie.....	2		2	4		4	11	4	15	321	51	372
Sudbury.....	6		6	3		3	24	2	26	976	75	1,051
Totals.....	184	29	213	63	6	69	657	68	725	23,633	2,342	25,975

* City Gaols.

No. 2.

GAOL POPULATION.

CITY and COUNTY GAOLS	Total number in custody during year			Number released on bail			Number Acquired and released			Number released by order of judge or court without trial		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie.....	586	59	645	5	...	5	74	8	82	2	...	2
Belleville.....	457	46	503	1	...	1	40	9	49	1	...	1
Brampton.....	163	8	171	1	...	1	11	...	11	...	...	...
Brantford.....	287	19	306	14	2	16	108	6	114	2	1	3
Brockville.....	329	36	365	2	...	2	12	4	16	7	...	7
Cayuga.....	126	7	133	13	...	13	8	...	8	...	...	...
Chatham.....	338	32	370	19	1	20	31	2	33	...	...	...
Cobourg.....	268	32	300	14	2	16	21	5	26	...	...	...
Cornwall.....	334	28	362	4	...	4	...	...	...	3	...	3
Goderich.....	53	6	59	12	2	14	...	1	1	1	...	1
Guelph.....	221	18	239	6	...	6	22	5	27	4	...	4
Hamilton*.....	1,612	189	1,801	85	6	91	199	50	249	15	2	17
Kingston.....	379	38	417	1	...	1	24	7	31	1	...	1
Kitchener.....	278	35	313	...	...	...	71	6	77	5	...	5
Lindsay.....	67	9	76	...	...	...	4	...	4	...	...	...
London.....	870	81	951	...	...	...	77	15	92	21	...	21
L'Orignal.....	133	11	144	23	...	23	16	1	17	6	...	6
Milton.....	88	8	96	...	...	...	3	...	3	...	...	...
Napanee.....	97	5	102	16	...	16	...	...	...	7	1	8
Orangeville.....	35	2	37	11	...	11	...	...	...	1	...	1
Ottawa.....	1,228	187	1,415	12	2	14	183	30	213	27	7	34
Owen Sound.....	133	9	142	2	...	2	5	1	6	...	...	...
Pembroke.....	150	23	173	2	3	5	1	...	1	...	...	...
Perth.....	101	12	113	1	...	1	8	1	9	...	...	...
Peterboro.....	264	12	276	...	...	...	32	3	35	2	...	2
Pictou.....	56	3	59	...	...	...	7	...	7	3	...	3
St. Catharines.....	299	13	312	...	...	...	43	2	45	...	...	...
St. Thomas.....	231	7	238	28	2	30	4	...	4	1	1	2
Sarnia.....	829	34	863	...	...	...	40	6	46	...	...	...
Simcoe.....	247	17	264	4	...	4	2	...	2	...	...	...
Stratford.....	89	1	90	6	...	6	...	...	...	8	...	8
Toronto*.....	8,096	887	8,983	1,249	168	1,417	...	...	...	59	6	65
Walkerton.....	85	5	90	16	...	16	5	...	5	...	...	...
Welland.....	524	18	542	43	4	47	67	3	70	1	...	1
Whitby.....	488	24	512	4	...	4	33	4	37	1	...	1
Windsor.....	1,064	131	1,195	6	1	7	103	27	130	16	...	16
Woodstock.....	142	11	153	9	1	10	12	...	12	4	1	5
DISTRICT GAOLS												
Bracebridge.....	81	6	87	1	...	1	11	...	11	4	...	4
Fort Frances.....	150	12	162	5	...	5	1	...	1	1	...	1
Gore Bay.....	9	...	9	1	...	1	...	...	...	...	...	...
Haileybury.....	494	39	533	...	...	...	7	...	7	15	7	22
Kenora.....	260	25	285	4	...	4	17	2	19	3	...	3
North Bay.....	485	31	516	47	...	47	37	3	40	2	2	4
Parry Sound.....	255	15	270	...	...	...	19	...	19	2	...	2
Port Arthur.....	709	122	831	2	...	2	64	13	77	...	...	...
Sault Ste. Marie.....	338	55	393	4	...	4	1	...	1	79	7	86
Sudbury.....	1,009	77	1,086	64	3	67	3	...	3	315	18	333
Totals... ..	24,537	2,445	26,982	1,737	197	1,934	1,426	214	1,640	619	53	672

TABLE
MOVEMENT OF

CITY and COUNTY GAOLS	Number with option of a fine or gaol term who paid fines and were released			Number released on suspended sentences			Number released for any other reason		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	113	8	121	14	7	21	18	7	25
Belleville	82	9	91	39	5	44	9	2	11
Brampton	42	3	45	28	3	31	9	2	11
Brantford	12	1	13	6	2	8	5	5	5
Brockville	10	10	15	4	19	10	5	15	15
Cayuga	23	1	24	11	11	13	13	13	13
Chatham	15	1	16	38	15	53	18	1	19
Cobourg	34	5	39	24	4	28	43	1	44
Cornwall	55	2	57	24	7	31	6	2	8
Goderich	60	2	62	8	4	12	3	3	3
Guelph	131	14	145	183	29	212	6	1	7
Hamilton*	122	6	128	21	12	33	10	10	10
Kingston	25	2	27	53	9	62	7	2	9
Kitchener	7	4	11	7	7	9	1	1	1
Lindsay	107	11	118	38	5	43	86	5	91
London	9	1	10	2	2	4	5	5	5
L'Original	9	3	12	12	1	13	2	2	4
Milton	19	19	10	2	12	7	2	2	9
Napanee	5	5	3	1	4	1	1	1	1
Orangeville	103	9	112	127	21	148	14	5	19
Ottawa	10	10	7	1	8	4	4	4	4
Owen Sound	4	1	5	18	18	52	8	8	60
Pembroke	18	18	5	4	9	9	9	9	9
Perth	25	1	26	17	17	4	4	4	4
Peterboro	4	4	9	9	9	5	5	5	5
Picton	31	1	32	10	3	13	3	3	3
St. Catharines	33	1	34	38	38	3	1	34	34
St. Thomas	355	10	365	34	4	38	33	1	34
Sarnia	107	4	111	16	1	17	32	4	36
Simcoe	4	4	10	10	10	17	17	17	17
Stratford	1,008	124	1,132	1,163	213	1,376	420	68	488
Toronto*	3	3	5	1	6	15	1	1	16
Walkerton	55	4	59	58	3	61	2	2	2
Wellsand	150	7	157	26	5	31	5	5	5
Whitby	68	15	83	72	8	80	47	32	79
Windsor	15	1	16	8	3	11	5	5	5
Woodstock									
DISTRICT GAOLS									
Bracebridge	4	4	5	5	5	5	5	5	10
Fort Frances	62	4	66	21	21	5	5	10	10
Gore Bay	1	1	1	1	1	1	1	1	13
Haileybury	48	48	4	4	4	12	1	13	13
Kenora	53	4	57	7	3	10	1	1	1
North Bay	35	2	37	64	2	66	6	6	6
Parry Sound	97	4	101	5	1	6	10	3	13
Port Arthur	172	36	208	25	6	31	29	8	37
Sault Ste. Marie	17	1	18	6	2	8	48	14	62
Sudbury	159	15	174	44	1	45	76	14	90
Totals	3,521	317	3,838	2,346	394	2,740	1,087	192	1,279

* City gaols.

No. 2 (Continued).

GAOL POPULATION.

CITY and COUNTY GAOLS	Number Discharged on expiration of sentence			Number Transferred to Other Institutions			Number Sentenced and deported direct from gaol		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie.....	161	17	178	164	9	173			
Belleville.....	175	13	188	103	10	113	1		1
Brampton.....	34		34	35		35			
Brantford.....	78	2	80	40	4	44			
Brockville.....	202	15	217	60	8	68			
Cayuga.....	26	5	31	30	1	31			
Chatham.....	137	5	142	83	8	91			
Cobourg.....	114	4	118	38	10	48			
Cornwall.....	129	7	136	56	11	67			
Goderich.....	11		11	13	1	14			
Guelph.....	69	1	70	45	5	50	1		1
Hamilton*.....	443	23	466	463	62	525			
Kingston.....	114	8	122	72	4	76			
Kitchener.....	52	1	53	55	16	71			
Lindsay.....	32	1	33	16	4	20			
London.....	407	33	440	81	5	86			
L'Orignal.....	31	3	34	34	1	35			
Milton.....	31		31	29	2	31			
Napanee.....	19		19	14		14			
Orangeville.....	4		4	3	1	4			
Ottawa.....	576	82	658	127	9	136			
Owen Sound.....	42	2	44	59	5	64			
Pembroke.....	49	4	53	18	7	25			
Perth.....	56	2	58	7	4	11			
Peterboro.....	140	4	144	31	4	35			
Picton.....	17	2	19	11	1	12			
St. Catharines.....	147	1	148	55	6	61	2		2
St. Thomas.....	88	3	91	21		21			
Sarnia.....	299	5	304	49	8	57	1		1
Simcoe.....	61	3	64	24	4	28			
Stratford.....	23		23	15	1	16			
Toronto*.....	1,688	170	1,858	2,264	115	2,379	5		5
Walkerton.....	21	1	22	18	2	20			
Welland.....	167	4	171	101		101			
Whitby.....	161	2	163	76	6	82			
Windsor.....	566	26	592	133	11	144		1	1
Woodstock.....	53		53	32	5	37			
DISTRICT GAOLS									
Bracebridge.....	25	2	27	29	4	33			
Fort Frances.....	21		21	24	2	26			
Gore Bay.....	4		4	3		3			
Haileybury.....	287	17	304	89	11	100			
Kenora.....	106	12	118	57	4	61			
North Bay.....	134	12	146	125	7	132			
Parry Sound.....	51	3	54	65	3	68	1		1
Port Arthur.....	335	45	380	48	5	53			
Sault Ste. Marie.....	108	12	120	54	12	66	1	1	2
Sudbury.....	165	6	171	144	19	163			
Totals.....	7,659	558	8,217	5,113	417	5,530	12	2	14

TABLE
MOVEMENT OF

CITY and COUNTY GAOLS	Died before trial			Died while undergoing sentence			Sentenced to death and executed			Escaped and not recaptured during year			Number remain- ing in custody- on remand March 31st, 1944		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie										2		2	4	3	7
Belleville													1		1
Brampton															
Brantford													6	1	7
Brockville													2		2
Cayuga															
Chatham													2		2
Cobourg													1	1	2
Cornwall													4		4
Goderich															
Guelph															
Hamilton*	1		1										18	2	20
Kingston													1	1	2
Kitchener															
Lindsay															
London										1		1	4		4
L'Orignal													1		1
Milton															
Napanee													1		1
Orangeville															
Ottawa	1		1										16	6	22
Owen Sound															
Pembroke															
Perth															
Peterboro													1		1
Picton															
St. Catharines													4		4
St. Thomas													5		5
Sarnia													4		4
Simcoe		1	1										1		1
Stratford															
Toronto*				4		4							54	10	64
Walkerton															
Welland													6		6
Whitby													7		7
Windsor							2		2				5	2	7
Woodstock													1		1
DISTRICT GAOLS															
Bracebridge															
Fort Frances													6		6
Gore Bay															
Haileybury				1		1	1		1						
Kenora															
North Bay		1	1										6		6
Parry Sound															
Port Arthur													3		3
Sault Ste. Marie	1		1	1		1							3		3
Sudbury													4		4
Totals	3	2	5	6		6	3		3	3		3	171	26	197

* City Gaols.

No. 2 (Concluded).

GAOL POPULATION

CITY and COUNTY GAOLS	Number remaining in custody awaiting trial March 31st, 1944			Number remaining in custody serving unexpired sentences or for other reasons March 31st, 1944			Total		
	M.	F.	T.	M.	F.	T.	Male	Female	Total
Barrie.....	1		1	28		28	586	59	645
Belleville.....				14		14	457	46	503
Brampton.....				3		3	163	8	171
Brantford.....				16		16	287	19	306
Brockville.....				9		9	329	36	365
Cayuga.....				2		2	126	7	133
Chatham.....				13		13	338	32	370
Cobourg.....				4		4	268	32	300
Cornwall.....				16		16	334	28	362
Goderich.....	2		2	2		2	53	6	59
Guelph.....				3	1	4	221	18	239
Hamilton*.....	3		3	65		65	1,612	189	1,801
Kingston.....				13		13	379	38	417
Kitchener.....				17	1	18	278	35	313
Lindsay.....				1		1	67	9	76
London.....	1		1	47	7	54	870	81	951
L'Orignal.....				6	3	9	133	11	144
Milton.....				2		2	88	8	96
Napanee.....				4		4	97	5	102
Orangeville.....				7		7	35	2	37
Ottawa.....				42	16	58	1,228	187	1,415
Owen Sound.....	1		1	3		3	133	9	142
Pembroke.....				6		6	150	23	173
Perth.....				6	1	7	101	12	113
Peterboro.....				12		12	264	12	276
Pictou.....							56	3	59
St. Catharines.....				7		7	299	13	312
St. Thomas.....	1		1	9		9	231	7	238
Sarnia.....	2		2	12		12	829	34	863
Simcoe.....							247	17	264
Stratford.....				6		6	89	1	90
Toronto*.....	24		24	158	13	171	8,096	887	8,983
Walkerton.....				2		2	85	5	90
Welland.....				24		24	524	18	542
Whitby.....				25		25	488	24	512
Windsor.....	2		2	44	8	52	1,064	131	1,195
Woodstock.....				3		3	142	11	153
DISTRICT GAOLS									
Bracebridge.....				2		2	81	6	87
Fort Frances.....	1		1	3	1	4	150	12	162
Gore Bay.....							9		9
Haileybury.....	1	1	2	29	2	31	494	39	533
Kenora.....				12		12	260	25	285
North Bay.....	4		4	25	2	27	485	31	516
Parry Sound.....	2		2	3	1	4	255	15	270
Port Arthur.....				31	9	40	709	122	831
Sault Ste. Marie.....	1		1	14	6	20	338	55	393
Sudbury.....				35	1	36	1,009	77	1,086
Totals.....	46	1	47	785	72	857	24,537	2,445	26,982

TABLE
Criminal History, Number
and Number

CITY and COUNTY GAOLS	Criminal History of Those Committed							
	First Time		Second Time		Third Time		Over Three Times	
	Male	Female	Male	Female	Male	Female	Male	Female
Barrie.....	487	55	36	2	13	.....	25	.....
Belleville.....	277	30	45	9	57	4	62	.....
Brampton.....	67	7	25	.....	24	1	44	.....
Brantford.....	136	11	36	5	22	3	84	.....
Brockville.....	164	31	56	2	38	1	64	2
Cayuga.....	114	5	3	1	.....	.....	.....	.....
Chatham.....	136	20	62	5	37	1	78	3
Cobourg.....	121	20	72	9	28	2	39	.....
Cornwall.....	181	21	56	5	27	.....	58	.....
Goderich.....	27	4	13	2	3	.....	9	.....
Guelph.....	119	7	43	9	31	1	16	.....
Hamilton*.....	871	134	185	21	70	5	406	20
Kingston.....	256	33	16	3	14	.....	77	.....
Kitchener.....	164	27	39	6	16	.....	41	2
Lindsay.....	45	8	7	.....	6	1	5	.....
London.....	419	53	117	6	47	.....	249	17
L'Orignal.....	89	7	23	4	10	.....	4	.....
Milton.....	34	8	20	.....	15	.....	16	.....
Napanee.....	54	4	10	1	13	.....	19	.....
Orangeville.....	16	2	11	.....	4	.....	4	.....
Ottawa.....	580	101	189	31	87	12	319	32
Owen Sound.....	71	8	17	.....	12	.....	23	1
Pembroke.....	137	18	9	2	1	1	.....	.....
Perth.....	57	9	12	2	2	.....	27	.....
Peterboro.....	147	7	27	3	14	.....	60	.....
Picton.....	33	3	5	.....	5	.....	12	.....
St. Catharines.....	121	9	33	2	24	.....	103	2
St. Thomas.....	118	4	41	1	25	1	44	1
Sarnia.....	565	28	91	3	78	2	67	1
Simcoe.....	120	13	84	3	20	1	21	.....
Stratford.....	77	1	6	.....	3	.....	3	.....
Toronto*.....	3,309	522	1,283	118	780	38	2,541	184
Walkerton.....	59	2	8	.....	6	.....	10	2
Welland.....	326	18	64	.....	19	.....	83	.....
Whitby.....	385	20	49	.....	22	.....	8	4
Windsor.....	642	104	140	8	48	6	185	10
Woodstock.....	102	9	16	.....	10	.....	13	.....
DISTRICT GAOLS								
Bracebridge.....	46	5	15	1	5	.....	15	.....
Fort Frances.....	87	11	30	1	9	.....	18	.....
Gore Bay.....	6	.....	.....	.....	.....	.....	.....	.....
Haileybury.....	249	16	78	4	31	4	107	13
Kenora.....	214	17	12	5	10	2	7	.....
North Bay.....	270	19	52	5	32	4	108	1
Parry Sound.....	187	13	43	1	11	.....	10	.....
Port Arthur.....	385	62	145	30	129	15	.....	.....
Sault Ste. Marie.....	171	28	79	14	29	2	42	7
Sudbury.....	604	40	276	29	69	5	27	1
Totals.....	12,845	1,574	3,679	353	1,956	112	5,153	303

No. 3.

Over and Under Sixteen
Committed.

CITY and COUNTY GAOLS	Under 16 years of Age			16 years of Age and over			Total number committed during Year		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie.....	7	1	8	554	56	610	561	57	618
Belleville.....	5		5	436	43	479	441	43	484
Brampton.....	7		7	153	8	161	160	8	168
Brantford.....	8		8	270	19	289	278	19	297
Brockville.....	17	7	24	305	29	334	322	36	358
Cayuga.....				117	6	123	117	6	123
Chatham.....	9	3	12	304	26	330	313	29	342
Cobourg.....	13	3	16	247	28	275	260	31	291
Cornwall.....	13	2	15	309	24	333	322	26	348
Goderich.....	2		2	50	6	56	52	6	58
Guelph.....	2		2	207	17	224	209	17	226
Hamilton*.....	15	1	16	1,517	179	1,696	1,532	180	1,712
Kingston.....	7	1	8	356	35	391	363	36	399
Kitchener.....	12	4	16	248	31	279	260	35	295
Lindsay.....	1		1	62	9	71	63	9	72
London.....	2	1	3	830	75	905	832	76	908
L'Original.....				126	11	137	126	11	137
Milton.....	1		1	84	8	92	85	8	93
Napanee.....	7		7	89	5	94	96	5	101
Orangeville.....	2		2	33	2	35	35	2	37
Ottawa.....	29	3	32	1,146	173	1,319	1,175	176	1,351
Owen Sound.....	2		2	121	9	130	123	9	132
Pembroke.....	2	1	3	145	20	165	147	21	168
Perth.....	5	1	6	93	10	103	98	11	109
Peterboro.....	9		9	239	10	249	248	10	258
Picton.....	11		11	44	3	47	55	3	58
St. Catharines.....	1	1	2	280	12	292	281	13	294
St. Thomas.....	1		1	227	7	234	228	7	235
Sarnia.....	7	3	10	794	31	825	801	34	835
Simcoe.....	6		6	239	17	256	245	17	262
Stratford.....	1		1	88	1	89	89	1	90
Toronto*.....	10		10	7,903	862	8,765	7,913	862	8,775
Walkerton.....	1		1	82	4	86	83	4	87
Welland.....	1		1	491	18	509	492	18	510
Whitby.....		1	1	464	23	487	464	24	488
Windsor.....	25	1	26	990	127	1,117	1,015	128	1,143
Woodstock.....	6	1	7	135	8	143	141	9	150
DISTRICT GAOLS									
Bracebridge.....	3		3	78	6	84	81	6	87
Fort Frances.....	7		7	137	12	149	144	12	156
Gore Bay.....				6		6	6		6
Haileybury.....	1	1	2	464	36	500	465	37	502
Kenora.....	5	1	6	238	23	261	243	24	267
North Bay.....	12	1	13	450	28	478	462	29	491
Parry Sound.....	12	1	13	239	13	252	251	14	265
Port Arthur.....	10	3	13	649	104	753	659	107	766
Sault Ste. Marie.....	3	1	4	318	50	368	321	51	372
Sudbury.....	5	4	9	971	71	1,042	976	75	1,051
Totals.....	305	47	352	23,328	2,295	25,623	23,633	2,342	25,975

* City Gaols.

TABLE
Social Status and Habits of Prisoners Committed

CITY and COUNTY GAOLS	Married			Single			Could read and write		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie.....	183	16	199	378	41	419	560	57	617
Belleville.....	144	15	159	297	28	325	431	38	469
Brampton.....	50	4	54	110	4	114	159	8	167
Brantford.....	100	12	112	178	7	185	274	18	292
Brockville.....	67	10	77	255	26	281	307	36	343
Cayuga.....	29	4	33	88	2	90	115	5	120
Chatham.....	92	15	107	221	14	235	302	29	331
Cobourg.....	82	11	93	178	20	198	259	30	289
Cornwall.....	98	14	112	224	12	236	250	24	274
Goderich.....	14	4	18	38	2	40	50	6	56
Guelph.....	72	3	75	137	14	151	208	17	225
Hamilton*.....	589	101	690	943	79	1,022	1,523	178	1,701
Kingston.....	119	16	135	244	20	264	361	36	397
Kitchener.....	61	17	78	199	18	217	260	35	295
Lindsay.....	17	5	22	46	4	50	57	9	66
London.....	279	45	324	553	31	584	832	76	908
L'Original.....	39	4	43	87	7	94	107	9	116
Milton.....	18	3	21	67	5	72	83	8	91
Napanee.....	39	2	41	57	3	60	93	5	98
Orangeville.....	12	1	13	23	1	24	33	2	35
Ottawa.....	332	60	392	843	116	959	1,088	175	1,263
Owen Sound.....	52	3	55	71	6	77	114	9	123
Pembroke.....	37	7	44	110	14	124	144	20	164
Perth.....	30	4	34	68	7	75	97	10	107
Peterboro.....	70	3	73	178	7	185	232	10	242
Pictou.....	18	.....	18	37	3	40	46	3	49
St. Catharines.....	76	6	82	205	7	212	276	11	287
St. Thomas.....	72	5	77	156	2	158	221	7	228
Sarnia.....	304	16	320	497	18	515	795	34	829
Simcoe.....	76	10	86	169	7	176	237	17	254
Stratford.....	26	1	27	63	.....	63	89	1	90
Toronto*.....	2,696	481	3,177	5,217	381	5,598	7,895	862	8,757
Walkerton.....	34	3	37	49	1	50	81	4	85
Welland.....	111	9	120	381	9	390	480	15	495
Whitby.....	198	12	210	266	12	278	456	24	480
Windsor.....	341	64	405	674	64	738	982	124	1,106
Woodstock.....	49	3	52	92	6	98	137	8	145
DISTRICT GAOLS									
Bracebridge.....	33	1	34	48	5	53	74	6	80
Fort Frances.....	52	7	59	92	5	97	138	11	149
Gore Bay.....	3	.....	3	3	.....	3	4	.....	4
Haileybury.....	130	17	147	335	20	355	408	35	443
Kenora.....	98	6	104	145	18	163	216	16	232
North Bay.....	117	12	129	345	17	362	374	28	402
Parry Sound.....	107	6	113	144	8	152	240	13	253
Port Arthur.....	129	54	183	530	53	583	622	100	722
Sault Ste. Marie.....	91	23	114	230	28	258	304	47	351
Sudbury.....	264	32	296	712	43	755	936	70	1,006
Totals.....	7,650	1,147	8,797	15,983	1,195	17,178	22,950	2,286	25,236

* City Gaols.

No. 4.

during the Year Ending March 31st, 1944.

CITY and COUNTY GAOLS	Illiterate			Temperate			Intemperate		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Barrie.....	1		1	515	56	571	46	1	47
Belleville.....	10	5	15	281	22	303	160	21	181
Brampton.....	1		1	79	4	83	81	4	85
Brantford.....	4	1	5	104	13	117	174	6	180
Brockville.....	15		15	217	33	250	105	3	108
Cayuga.....	2	1	3	57	2	59	60	4	64
Chatham.....	11		11	181	20	201	132	9	141
Cobourg.....	1	1	2	133	26	159	127	5	132
Cornwall.....	72	2	74	132	15	147	190	11	201
Goderich.....	2		2	40	3	43	12	3	15
Guelph.....	1		1	114	13	127	95	4	99
Hamilton*.....	9	2	11	616	142	758	916	38	954
Kingston.....	2		2	85	28	113	278	8	286
Kitchener.....				192	32	224	68	3	71
Lindsay.....	6		6	24	2	26	39	7	46
London.....				184	16	200	648	60	708
L'Orignal.....	19	2	21	74	9	83	52	2	54
Milton.....	2		2	50	6	56	35	2	37
Napanee.....	3		3	23	5	28	73		73
Orangeville.....	2		2	20	2	22	15		15
Ottawa.....	87	1	88	775	141	916	400	35	435
Owen Sound.....	9		9	27	6	33	96	3	99
Pembroke.....	3	1	4	19	2	21	128	19	147
Perth.....	1	1	2	69	11	80	29		29
Peterboro.....	16		16	160	8	168	88	2	90
Picton.....	9		9	23	1	24	32	2	34
St. Catharines...	5	2	7	142	10	152	139	3	142
St. Thomas.....	7		7	202	6	208	26	1	27
Sarnia.....	6		6	273	20	293	528	14	542
Simcoe.....	8		8	42	13	55	203	4	207
Stratford.....				68	1	69	21		21
Toronto*.....	18		18	2,379	142	2,521	5,534	720	6,254
Walkerton.....	2		2	36	1	37	47	3	50
Welland.....	12	3	15	327	17	344	165	1	166
Whitby.....	8		8	135	5	140	329	19	348
Windsor.....	33	4	37	365	85	450	650	43	693
Woodstock.....	4	1	5	49	6	55	92	3	95
DISTRICT GAOLS									
Bracebridge.....	7		7	59	6	65	22		22
Fort Frances.....	6	1	7	68	8	76	76	4	80
Gore Bay.....	2		2	2		2	4		4
Haileybury.....	57	2	59	347	23	370	118	14	132
Kenora.....	27	8	35	119	9	128	124	15	139
North Bay.....	88	1	89	242	12	254	220	17	237
Parry Sound.....	11	1	12	32	5	37	219	9	228
Port Arthur.....	37	7	44	273	60	333	386	47	433
Sault Ste. Marie..	17	4	21	136	21	157	185	30	215
Sudbury.....	40	5	45	169	25	194	807	50	857
Totals.....	683	56	739	9,659	1,093	10,752	13,974	1,249	15,223

TABLE
Prisoners Transferred

CITY and COUNTY GAOLS	Sentenced to Gaol and afterwards removed to a Reformatory		Sentenced to Gaol and afterwards removed to an Industrial Farm	Sentenced to and removed to a Reformatory		Sentenced to and removed to an Industrial Farm	Sentenced to and removed to a Penitentiary		
	Male	Female		Male	Female		Male	M.	F.	T.
Barrie.....	22			98		26	3		3
Belleville.....				17	2	11	8		8
Brampton.....	7		6	5					
Brantford.....	4		2	14	1	7	7		7
Brockville.....				23	7	21	8		8
Cayuga.....	6								
Chatham.....				53	8	3	13		13
Cobourg.....				22	8		2		2
Cornwall.....	14		7	17	6	8	3		3
Goderich.....				9		2	2		2
Guelph.....	3	1		24	3		7		7
Hamilton*.....	173	4		220	51		46	1	47
Kingston.....	7	1		50	3		9		9
Kitchener.....	8			10	2	18	9		9
Lindsay.....	1			5	1		4	1	5
London.....	25	4		40	1		14		14
L'Orignal.....	18		4	3		2	4		4
Milton.....				8	1	10	4		4
Napanee.....	1			8		1	2		2
Orangeville.....				2					
Ottawa.....	1		2	69	4	27	26	1	27
Owen Sound.....				10	1	2	3		3
Pembroke.....	1		1	7	6	6	1	1	2
Perth.....				1	2	1	1		1
Peterboro.....		2		25	1		5	1	6
Picton.....	2			4	1				
St. Catharines.....	45	5					10		10
St. Thomas.....				9					
Sarnia.....	24		10		4		2		2
Simcoe.....				14		3	3		3
Stratford.....	8						4		4
Toronto*.....	1,522	95	595				108	2	110
Walkerton.....	1			7	2		7		7
Welland.....	13			58			8		8
Whitby.....	10			25	4	10	3		3
Windsor.....	2		2	70	5	21	29		29
Woodstock.....				7	2	6	5		5
DISTRICT GAOLS									
Bracebridge.....		3		12	1	6			
Fort Frances.....			1				1		1
Gore Bay.....			3						
Haileybury.....	8	1	44	2	4	2	15		15
Kenora.....				5		11	4		4
North Bay.....				18	2	54	13		13
Parry Sound.....				3	2				
Port Arthur.....				2	2	32	6	1	7
Sault Ste. Marie.....			1	2	7	28	5		5
Sudbury.....	4		50	5	5	21	17		17
Totals.....	1,930	116	728	983	149	339	421	8	429

* City Gaols.

No. 5.

To Other Institutions.

CITY and COUNTY GAOLS	Sentenced to and removed to an Industrial Refuge			Transferred to an Industrial School			Transferred to a Mental Hospital or to some other place of confinement			Total		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	Male	Fem'l	Total
Barrie.....		7	7	1		1	14	2	16	164	9	173
Belleville.....				3	4	7	64	4	68	103	10	113
Brampton.....				3		3	14		14	35		35
Brantford.....				1		1	5	3	8	40	4	44
Brockville.....				5		5	3	1	4	60	8	68
Cayuga.....				6		6	18	1	19	30	1	31
Chatham.....							14		14	83	8	91
Cobourg.....				11	2	13	3		3	38	10	48
Cornwall.....		2	2	5	3	8	2		2	56	11	67
Goderich.....								1	1	13	1	14
Guelph.....				1	1	2	10		10	45	5	50
Hamilton*.....				4		4	20	6	26	463	62	525
Kingston.....							6		6	72	4	76
Kitchener.....		1	1	1		1	9	13	22	55	16	71
Lindsay.....							6	2	8	16	4	20
London.....							2		2	81	5	86
L'Orignal.....							3	1	4	31	1	35
Milton.....							7	1	8	29	2	31
Napanee.....				1		1	1		1	14		14
Orangeville.....							1	1	2	3	1	4
Ottawa.....							2	4	6	127	9	136
Owen Sound.....				2		2	42	4	46	59	5	64
Pembroke.....				1		1	1		1	18	7	25
Perth.....				1		1	3	2	5	7	4	11
Peterboro.....							1		1	31	4	35
Picton.....				3		3	2		2	11	1	12
St. Catharines.....					1	1				55	6	61
St. Thomas.....							12		12	21		21
Sarnia.....				4	2	6	9	2	11	49	8	57
Simcoe.....							4	4	8	24	4	28
Stratford.....							3	1	4	15	1	16
Toronto*.....		7	7				39	11	50	2,264	115	2,379
Walkerton.....							3		3	18	2	20
Welland.....							22		22	101		101
Whitby.....				3	1	4	25	1	26	76	6	82
Windsor.....		3	3	3		3	6	3	9	133	11	144
Woodstock.....				5	1	6	9	2	11	32	5	37
DISTRICT GAOLS												
Bracebridge.....							11		11	29	4	33
Fort Frances.....							22	2	24	24	2	26
Gore Bay.....										3		3
Haileybury.....				1		1	17	6	23	89	11	100
Kenora.....				3	3	6	34	1	35	57	4	61
North Bay.....		2	2	5		5	35	3	38	125	7	132
Parry Sound.....				1		1	61	1	62	65	3	68
Port Arthur.....				7	2	9	1		1	48	5	53
Sault Ste. Marie.....	1		1	3		3	14	5	19	54	12	66
Sudbury.....	22	6	28	3	1	4	22	7	29	144	19	163
Totals.....	23	28	51	87	21	108	602	95	697	5,113	417	5,530

TABLE
Period of Sentences—To Gaols,

CITY and COUNTY GAOLS	Suspended Sentences			Under 30 days			30 days and under 60 days			60 days or 2 months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	14	7	21	75	4	79	52	8	60	33	...	33
Belleville	39	5	44	104	6	110	49	4	53	9	...	9
Brampton	28	3	31	17	...	17	6	...	6	4	...	4
Brantford	6	2	8	45	2	47	16	1	17	17	1	18
Brockville	15	4	19	146	11	157	38	1	39	13	...	13
Cayuga	13	1	14	61	2	63	5	1	6	3	...	3
Chatham	38	15	53	101	2	103	37	2	39	5	...	5
Cobourg	24	4	28	128	5	133	16	3	19	2	...	2
Cornwall	24	7	31	139	9	148	27	...	27	14	...	14
Goderich	6	...	6	6	...	6	3	...	3	1	...	1
Guelph	8	4	12	31	1	32	67	2	69	15	...	15
Hamilton*	183	29	212	279	22	301	237	8	245	75	5	80
Kingston	21	12	33	136	11	147	55	...	55	21	1	22
Kitchener	53	9	62	26	2	28	24	...	24	17	1	18
Lindsay	7	...	7	20	3	23	14	1	15	4	1	5
London	38	5	43	332	27	359	102	13	115	20	3	23
L'Orignal	2	2	4	38	4	42	9	...	9	3	...	3
Milton	12	1	13	16	...	16	5	...	5	1	...	1
Napanee	10	2	12	25	...	25	5	...	5	4	...	4
Orangeville	3	1	4	6	...	6	5	...	5	3	...	3
Ottawa	127	21	148	522	71	593	112	19	131	45	12	57
Owen Sound	7	1	8	27	2	29	10	...	10	4	...	4
Pembroke	18	...	18	32	2	34	12	1	13	7	2	9
Perth	5	4	9	45	1	46	21	1	22	7	...	7
Peterboro	17	...	17	95	3	98	50	1	51	12	1	13
Pictou	5	...	5	13	2	15	3	...	3	3	...	3
St. Catharines	10	3	13	120	2	122	30	1	31	7	...	7
St. Thomas	38	...	38	71	4	75	24	1	25	5	...	5
Sarnia	34	4	38	453	8	461	133	1	134	10	1	11
Simcoe	16	1	17	77	4	81	11	...	11	2	...	2
Stratford	10	...	10	20	...	20	7	...	7	4	...	4
Toronto*	1,163	213	1,376	1,046	90	1,136	1,247	140	1,387	567	52	619
Walkerton	5	1	6	15	1	16	5	...	5	4	...	4
Welland	58	3	61	86	3	89	76	3	79	31	1	32
Whitby	26	5	31	224	8	232	61	1	62	14	...	14
Windsor	72	8	80	435	24	459	130	11	141	41	15	56
Woodstock	8	3	11	60	1	61	8	...	8	4	...	4
DISTRICT GAOLS												
Bracebridge	5	...	5	20	3	23	7	...	7	5	...	5
Fort Frances	21	...	21	50	2	52	25	1	26	1	...	1
Gore Bay . . . . .	...	...	...	1	...	1	2	...	2	...	...	...
Haileybury	4	...	4	61	2	63	198	9	207	26	...	26
Kenora	7	3	10	89	12	101	41	2	43	11	1	12
North Bay	64	2	66	146	9	155	54	2	56	4	1	5
Parry Sound	5	1	6	116	4	120	16	2	18	9	...	9
Port Arthur	25	6	31	271	28	299	154	18	172	26	23	49
Sault Ste. Marie	6	2	8	68	4	72	40	3	43	17	3	20
Sudbury	44	1	45	236	15	251	76	3	79	35	2	37
Totals	2,344	395	2,739	6,130	416	6,546	3,325	264	3,589	1,165	127	1,292

* City Gaols.

No. 6.

Reformatories, Penitentiaries or Elsewhere.

CITY and COUNTY GAOLS	3 months			4 months			5 months			6 months and under 9 months		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie	40	2	42	5	.....	5	2	.....	2	21	.....	21
Belleville	11	1	12	1	.....	1	1	1	2	7	.....	7
Brampton	2	.....	2	.....	.....	.....	.....	.....	.....	5	.....	5
Brantford	25	.....	25	3	.....	3	1	.....	1	3	.....	3
Brockville	9	.....	9	.....	.....	.....	3	.....	3	1	.....	1
Cayuga	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chatham	21	.....	21	.....	.....	.....	2	2	4	7	.....	7
Cobourg	7	.....	7	.....	.....	.....	.....	.....	.....	6	.....	6
Cornwall	20	.....	20	5	.....	5	.....	.....	.....	14	2	16
Goderich	5	.....	5	.....	.....	.....	.....	.....	.....	1	.....	1
Guelph	18	2	20	.....	.....	.....	.....	.....	.....	4	.....	4
Hamilton*	123	6	129	24	.....	24	5	.....	5	22	.....	22
Kingston	21	2	23	8	3	11	11	.....	11	2	.....	2
Kitchener	17	.....	17	2	.....	2	1	.....	1	15	1	16
Lindsay	1	1	2	1	.....	1	1	.....	1	.....	.....	.....
London	73	7	80	8	.....	8	1	.....	1	18	2	20
L'Orignal	9	.....	9	.....	.....	.....	1	.....	1	10	1	11
Milton	1	.....	1	1	.....	1	1	.....	1	5	1	6
Napanee	5	.....	5	1	.....	1	.....	.....	.....	.....	.....	.....
Orangeville	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ottawa	66	14	80	7	2	9	9	2	11	4	.....	4
Owen Sound	4	1	5	3	.....	3	.....	.....	.....	3	.....	3
Pembroke	9	.....	9	.....	.....	.....	.....	.....	.....	4	3	7
Perth	6	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peterboro	16	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pictou . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
St. Catharines	14	2	16	5	1	6	1	.....	1	8	.....	8
St. Thomas	17	.....	17	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sarnia	48	3	51	.....	.....	.....	.....	.....	.....	4	1	5
Simcoe	12	.....	12	1	.....	1	.....	.....	.....	1	.....	1
Stratford	2	.....	2	1	.....	1	.....	.....	.....	1	1	2
Toronto*	383	27	410	57	1	58	5	.....	5	238	8	246
Walkerton	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Welland	22	1	23	16	.....	16	.....	.....	.....	27	.....	27
Whitby	26	.....	26	7	.....	7	.....	.....	.....	11	3	14
Windsor	61	2	63	20	1	21	5	.....	5	32	1	33
Woodstock	4	.....	4	.....	.....	.....	.....	.....	.....	2	.....	2
DISTRICT GAOLS												
Bracebridge	1	1	2	.....	.....	.....	.....	.....	.....	1	.....	1
Fort Frances	4	3	7	.....	.....	.....	.....	.....	.....	2	.....	2
Gore Bay . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2
Haileybury	54	7	61	3	1	4	.....	.....	.....	29	1	30
Kenora	11	.....	11	3	.....	3	.....	.....	.....	3	.....	3
North Bay	26	.....	26	4	1	5	10	.....	10	20	2	22
Parry Sound	7	.....	7	.....	1	1	1	.....	1	2	.....	2
Port Arthur	38	8	46	4	1	5	.....	.....	.....	14	2	16
Sault Ste. Marie	8	2	10	2	.....	2	5	.....	5	10	1	11
Sudbury	30	5	35	4	2	6	.....	.....	.....	22	3	25
Totals	1,286	97	1,383	196	14	210	66	5	71	582	33	615

TABLE
Period of Sentences—To Gaols,

CITY and COUNTY GAOLS	9 months and under 12 months			12 months and under 18 months			18 months and under 24 months			Indeterminate with definite or other sentences		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Barrie.....	10		10	38		38	16		16	59	4	63
Belleville.....	1		1	5		5				12	2	14
Brampton.....				5		5	1		1	18		18
Brantford.....				1		1	2		2	13		13
Brockville.....				1		1				52	8	60
Cayuga.....										6		6
Chatham.....	4		4	2		2	6		6	25	5	30
Cobourg.....				10	2	12	1		1	16	9	25
Cornwall.....	4		4	15	1	16	6		6	14	8	22
Goderich.....				1		1	1		1	9		9
Guelph.....				2		2				20	2	22
Hamilton*.....	4		4	13	1	14				198	46	244
Kingston.....	1		1	9		9	3		3	23		23
Kitchener.....				2		2				15	2	17
Lindsay.....										4		4
London.....	1		1	12		12	5		5	35	1	36
L'Original.....				9		9				9	1	10
Milton.....	3		3	2		2	1		1	4		4
Napanee.....	1		1	1		1	5		5	4		4
Orangeville.....				1		1				2		2
Ottawa.....	3		3	4		4	1		1	90	7	97
Owen Sound.....				3		3	2		2			
Pembroke.....	1		1	3		3				5	1	6
Perth.....										4	2	6
Peterboro.....				3		3				20	2	22
Picton.....				1		1				2	1	3
St. Catharines.....				3		3	3		3	25	2	27
St. Thomas.....				3		3				7		7
Sarnia.....				1		1				24	5	29
Simcoe.....				2		2				13		13
Stratford.....	2		2				4		4	2		2
Toronto*.....	36	3	39	182	4	186	79	2	81	478	5	483
Walkerton.....										7	1	8
Welland.....				12		12	9		9	20		20
Whitby.....				5		5	2		2	22	1	23
Windsor.....	3		3	26		26	28		28	7	4	11
Woodstock.....				6		6				9	1	10
DISTRICT GAOLS												
Bracebridge.....				1		1	1		1	23	2	25
Fort Frances.....				1		1						
Gore Bay.....												
Haileybury.....	7		7	8		8	9		9	5	4	9
Kenora.....							1		1	17	3	20
North Bay.....	5		5	13		13	16		16	3		3
Parry Sound.....					1	1		1	1	1		1
Port Arthur.....	1		1	7		7	2		2	22	4	26
Sault Ste. Marie.....				1		1	1		1	12	19	31
Sudbury.....	6		6	6		6	5		5	27	2	29
Totals.....	93	3	96	420	9	429	210	3	213	1,383	154	1,537

* City Gaols.

No. 6 (Concluded).

Reformatories, Penitentiaries or Elsewhere.

CITY and COUNTY GAOLS	2 years and over to Penitentiaries			Sentenced to death			Sentenced to death but sentence commuted			Totals		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	Male	Female	Total
Barrie.....	5		5							370	25	395
Belleville.....	8		8							247	19	266
Brampton.....										86	3	89
Brantford.....	12		12							144	6	150
Brockville.....	8		8							286	24	310
Cayuga.....										90	4	94
Chatham.....	13		13							261	26	287
Cobourg.....	2		2							212	23	235
Cornwall.....	4		4							286	27	313
Goderich.....	2		2							35	1	36
Guelph.....	6		6							171	11	182
Hamilton*.....	46	1	47							1,209	118	1,327
Kingston.....	9		9							320	29	349
Kitchener.....	9		9							181	15	196
Lindsay.....	4	1	5							56	7	63
London.....	14		14							659	58	717
L'Orignal.....	4		4							94	8	102
Milton.....	4		4							56	2	58
Napanee.....	2		2							63	2	65
Orangeville.....										23	1	24
Ottawa.....	26	1	27							1,016	149	1,165
Owen Sound.....	3		3							66	4	70
Pembroke.....	1	1	2							92	10	102
Perth.....	1		1							89	8	97
Peterboro.....	3	1	4							216	8	224
Picton.....										28	3	31
St. Catharines.....	10		10							236	11	247
St. Thomas.....	2		2							167	5	172
Sarnia.....	2		2							709	23	732
Simcoe.....	3		3							138	5	143
Stratford.....	4		4							57	1	58
Toronto*.....	110	2	112	1		1				5,592	547	6,139
Walkerton.....	7		7							47	3	50
Welland.....	8		8							365	11	376
Whitby.....	5		5							403	18	421
Windsor.....	27	1	28	2		2				889	67	956
Woodstock.....	5		5							106	5	111
DISTRICT GAOLS												
Bracebridge.....										64	6	70
Fort Frances.....	1		1							105	6	111
Gore Bay.....										5		5
Haileybury.....	15		15	1		1				420	24	444
Kenora.....	4		4							187	21	208
North Bay.....	13		13							378	17	395
Parry Sound.....										157	10	167
Port Arthur.....	4		4	1		1				569	90	659
Sault Ste. Marie.....	5		5							175	34	209
Sudbury.....	15		15							506	33	539
Totals.....	426	8	434	5		5				17,631	1,528	19,159

TABLE

Cell Accommodation: Days Stay: Greatest, Least and Average Number of

CITY and COUNTY GAOLS	Male accomodation	Female accomodation	Greatest No. of Male and Female prisoners during year	Greatest No. of Male prisoners during year	Greatest No. of Female prisoners during year	Least No. of Male and Female prisoners during year	Least No. of Male prisoners during year	Least No. of Female prisoners during year	Average daily gaol population.
Barrie	24	6	50	47	9	13	13	.....	33.8
Belleville	18	6	33	32	8	11	10	.....	22.2
Brampton	24	8	8	17	2	4	1	.....	6.9
Brantford	24	8	27	26	2	9	5	.....	14.4
Brockville	24	4	29	28	5	7	7	.....	16.9
Cayuga	9	4	13	14	2	1	.....	4.7	
Chatham	35	6	29	28	4	11	11	.....	18.9
Cobourg	16	8	22	20	3	4	3	.....	11.3
Cornwall	18	4	34	33	5	12	9	.....	19.5
Goderich	9	3	10	10	3	.....	.....	.....	4.
Guelph	28	6	23	21	2	4	3	.....	11.6
Hamilton*	84	13	114	104	16	59	52	1	83.
Kingston	33	15	32	31	8	9	8	.....	20.2
Kitchener	43	6	40	39	4	9	5	.....	15.
Lindsay	30	6	12	11	2	.....	.....	.....	4.2
London	72	9	64	60	9	16	13	.....	44.
L'Original	18	6	15	15	4	3	3	.....	8.8
Milton	17	6	10	8	2	2	1	.....	4.3
Napanee	18	6	11	11	2	.....	.....	.....	3.4
Orangeville	18	5	8	8	1	.....	.....	.....	1.8
Ottawa	120	24	87	71	23	42	31	3	66.8
Owen Sound	34	6	12	11	3	.....	.....	.....	5.2
Pembroke	24	8	21	17	5	5	2	.....	8.2
Perth	18	6	12	12	5	1	1	.....	5.7
Peterboro	18	6	28	25	3	9	7	.....	16.7
Picton	22	6	6	6	1	.....	.....	.....	2.6
St. Catharines	45	8	28	27	3	7	6	.....	14.8
St. Thomas	13	4	19	19	1	3	3	.....	10.4
Sarnia	33	6	44	43	6	11	11	.....	27.4
Simcoe	20	5	24	23	4	.....	.....	.....	7.5
Stratford	26	4	9	9	1	.....	.....	.....	3.7
Toronto*	248	39	335	300	39	133	118	11	243.8
Walkerton	28	4	9	9	2	.....	.....	.....	4.3
Welland	54	9	46	46	4	9	9	.....	27.7
Whitby	25	6	28	36	4	6	5	.....	18.4
Windsor	81	30	88	77	15	45	38	1	65.9
Woodstock	24	5	14	15	4	2	1	.....	6.6
DISTRICT GAOLS									
Bracebridge	13	2	8	7	2	3	1	.....	3.
Fort Frances	14	3	8	11	2	2	1	.....	4.3
Gore Bay	9	2	.....	3	.....	.....	.....	.....	.6
Haileybury	33	3	74	68	10	28	23	.....	42.1
Kenora	22	6	32	31	4	8	7	.....	16.1
North Bay	50	9	50	47	4	13	12	.....	24.8
Parry Sound	20	2	14	13	3	3	1	.....	6.2
Port Arthur	67	9	73	63	18	32	22	3	49.9
Sault Ste. Marie	20	3	35	28	15	14	8	3	23.9
Sudbury	59	10	61	55	6	16	15	.....	32.8
Totals									

*City Gaols

No. 7.

Prisoners for the Year Ending March 31st, 1944.

CITY and COUNTY GAOLS	Number committed during year	Number paid for by province	Number paid for by municipality	Number of days stay of government prisoners	Number of days stay of municipality prisoners	Total number of days stay of all prisoners
Barrie	618	252	366	8,522	3,804	12,326
Belleville	484	97	387	3,877	4,245	8,122
Brampton	168	48	120	1,226	1,304	2,530
Brantford	297	78	219	2,583	2,681	5,264
Brockville	358	135	223	2,300	3,854	6,154
Cayuga	123	37	86	1,014	713	1,727
Chatham	342	78	264	2,560	4,349	6,909
Cobourg	291	97	194	2,278	1,858	4,136
Cornwall	348	66	282	2,226	4,875	7,101
Goderich	58	44	14	1,343	100	1,443
Guelph	226	41	185	798	3,443	4,241
Hamilton*	1,712	567	1,145	10,376	19,906	30,282
Kingston	399	165	234	3,797	3,570	7,367
Kitchener	295	99	196	2,552	2,915	5,467
Lindsay	72	24	48	787	743	1,530
London	908	279	629	6,451	9,602	16,053
L'Orignal	137	94	43	1,635	1,577	3,212
Milton	93	35	58	1,026	536	1,562
Napanee	101	26	75	474	764	1,238
Orangeville	37	14	23	452	190	642
Ottawa	1,351	667	684	12,181	12,208	24,389
Owen Sound	132	43	89	1,334	572	1,906
Pembroke	168	23	145	777	2,224	3,001
Perth	109	28	81	905	1,167	2,072
Peterboro	258	65	193	2,136	3,970	6,106
Pictou	58	11	47	305	627	932
St. Catharines	294	102	192	2,001	3,401	5,402
St. Thomas	235	49	186	1,410	2,384	3,794
Sarnia	835	47	788	969	9,026	9,995
Simcoe	262	44	218	1,257	1,480	2,737
Stratford	90	27	63	541	802	1,343
Toronto*	8,775	984	7,791	26,274	62,698	88,972
Walkerton	87	59	28	1,389	169	1,558
Welland	510	154	356	3,696	6,431	10,127
Whitby	488	146	342	2,982	3,736	6,718
Windsor	1,143	321	822	11,195	12,859	24,054
Woodstock	150	25	125	635	1,789	2,424
DISTRICT GAOLS						
Bracebridge	87	87		1,103		1,103
Fort Frances	156	156		1,557		1,557
Gore Bay	6	6		214		214
Haileybury	502	502		15,382		15,382
Kenora	267	267		5,886		5,886
North Bay	491	491		9,052		9,052
Parry Sound	265	265		2,259		2,259
Port Arthur	766	236	530	6,602	11,600	18,202
Sault Ste. Marie	372	372		8,732		8,732
Sudbury	1,051	1,051		11,977		11,977
Totals	25,975	8,504	17,471	189,028	208,172	397,200

* City Gaols.

TABLE No. 8.

Maintenance and Average Cost of Each Prisoner and Total Cost for Year
in City, County and District Gaols.

CITY and COUNTY GAOLS	Cost of Food	Cost of clothing, fuel and ordinary maintenance	Cost of officers' salaries	Cost of alterations, additions and repairs to Buildings	Total expenditure for maintenance for the year	Average Cost of each prisoner per day	Average cost per day for clothing, fuel and ordinary maintenance	Daily per capita dietary cost
Barrie.....	\$ 2,453.77	\$ 3,465.73	\$ 6,560.22	\$ 755.82	\$ 13,235.54	\$ 1.07	\$.2812	\$.1990
Belleville.....	1,295.52	1,594.00	3,735.00	.....	6,624.52	.82	.1963	.1595
Brampton.....	620.20	1,027.10	2,576.58	91.88	4,315.76	1.71	.4059	.2451
Brantford.....	950.95	2,154.07	7,404.49	300.00	10,809.51	2.05	.4092	.1806
Brockville.....	1,009.07	1,415.92	4,647.64	131.84	7,204.47	1.17	.2301	.1639
Cayuga.....	326.72	408.40	3,226.88	.....	3,962.00	2.29	.2365	.1892
Chatham.....	1,031.20	2,929.54	6,370.58	197.99	10,529.31	1.52	.4240	.1493
Cobourg.....	670.22	2,001.21	3,147.08	240.21	6,058.72	1.46	.4839	.1620
Cornwall.....	1,284.16	2,731.34	6,401.10	220.99	10,637.59	1.50	.3846	.1808
Goderich.....	240.65	718.00	2,932.07	74.10	3,964.82	2.75	.4976	.1668
Guelph.....	718.96	1,607.49	4,818.72	238.78	7,383.95	1.74	.3790	.1695
Hamilton*.....	6,211.86	3,809.00	23,398.93	1,232.00	34,651.79	1.14	.1258	.2051
Kingston.....	1,365.56	1,204.97	5,387.99	91.37	8,049.89	1.09	.1636	.1853
Kitchener.....	950.83	2,009.31	5,935.49	.....	8,895.63	1.63	.3675	.1739
Lindsay.....	231.62	1,032.82	3,177.63	103.59	4,545.68	2.97	.6750	.1513
London.....	3,936.59	3,037.91	14,997.33	.....	21,971.83	1.37	.1892	.2452
L'Orignal.....	601.10	303.55	3,241.48	67.42	4,213.55	1.31	.0945	.1871
Milton.....	300.70	825.68	2,823.19	113.82	4,063.39	2.60	.5286	.1925
Napanee.....	204.94	962.89	2,663.81	892.64	4,724.28	3.82	.7778	.1655
Orangeville.....	113.97	736.63	3,005.75	353.13	4,209.48	6.56	1.1474	.1775
Ottawa.....	3,764.16	6,096.86	20,165.80	2,914.92	32,941.74	1.35	.2489	.1543
Owen Sound.....	372.96	884.54	3,244.00	125.00	4,626.50	2.43	.4641	.1957
Pembroke.....	573.56	516.50	3,682.38	.....	4,772.44	1.59	.1721	.1911
Perth.....	445.45	1,993.43	2,905.98	439.81	5,784.67	2.79	.9621	.2150
Peterboro.....	1,157.16	1,752.64	4,705.34	88.57	7,703.71	1.26	.2870	.1895
Pictou.....	123.55	354.58	2,011.17	294.06	2,783.36	2.99	.3804	.1326
St. Catharines....	1,096.77	1,599.51	6,145.71	703.88	9,545.87	1.77	.2961	.2058
St. Thomas.....	660.83	1,060.45	4,734.52	130.89	6,586.69	1.74	.2795	.1754
Sarnia.....	2,056.52	1,762.69	5,727.92	1,160.39	10,707.52	1.07	.1764	.2058
Simcoe.....	459.55	862.40	3,078.25	266.63	4,666.83	1.71	.3151	.1679
Stratford.....	185.86	1,590.02	2,972.14	.....	4,748.02	3.54	1.1839	.1383
Toronto*.....	16,315.66	12,291.35	79,141.00	1,806.51	109,554.52	1.23	.1381	.1834
Walkerton.....	221.86	91.57	2,865.90	.....	3,179.33	2.04	.0588	.1424
Welland.....	2,183.11	2,757.15	6,289.12	835.91	12,065.29	1.19	.2723	.2155
Whitby.....	1,412.95	3,029.66	4,985.66	.....	9,428.27	1.40	.4510	.2103
Windsor.....	4,597.38	5,980.04	18,613.33	1,326.97	30,517.72	1.27	.2486	.1911
Woodstock.....	375.99	2,068.59	3,540.62	507.16	6,492.36	2.68	.8534	.1551
DISTRICT GAOLS								
Bracebridge.....	222.86	331.60	3,484.75	35.00	4,074.21	3.69	.3006	.2020
Fort Frances.....	248.43	563.31	5,375.57	150.80	6,338.11	4.07	.3618	.1596
Gore Bay.....	42.57	450.71	2,165.92	.....	2,659.20	12.43	2.1061	.1989
Haileybury.....	2,351.89	2,648.47	13,260.87	.....	18,271.23	1.19	.1722	.1535
Kenora.....	1,305.30	2,462.68	9,396.13	117.58	13,282.69	2.26	.4184	.2249
North Bay.....	2,042.31	3,063.37	11,208.96	.....	16,314.64	1.80	.3384	.2256
Parry Sound.....	409.41	577.85	5,437.91	25.00	6,450.17	2.85	.2558	.1812
Port Arthur.....	5,199.50	5,706.59	18,171.25	.....	29,077.34	1.60	.3135	.2857
Sault Ste. Marie..	1,581.61	3,270.16	8,770.77	173.98	13,796.52	1.58	.3745	.1811
Sudbury.....	2,033.25	3,500.13	11,475.52	.....	17,008.90	1.42	.2922	.1698
Totals.....	\$ 75,970.04	\$ 101,242.41	\$ 380,008.47	\$ 16,208.64	\$ 573,429.56	1.44	.2549	.1913

*City Gaols,

REPORT
OF THE
MINISTER OF PUBLIC
WELFARE

PROVINCE OF ONTARIO

FOR THE FISCAL YEAR

1943-1944

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 19, 1945



ONTARIO

TORONTO

Printed and Published by T. E. Bowman,
Printer to the King's Most Excellent Majesty
1945

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario,
in Council.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit herewith the Thirteenth Annual Report of the Department of Public Welfare, for the fiscal year 1943-44.

I have the honour to be, sir,

Your obedient servant,

R. P. VIVIAN, M.D.,
Minister

Toronto,
March 13, 1945

TABLE OF CONTENTS

	PAGE
Report of the Deputy Minister.....	5

PART I

Report of the Unemployment Relief Branch.....	11
Report of the Old Age Pensions Commission.....	14
Report of the Mothers' Allowances Commission.....	16
Report of the Children's Aid Branch.....	18
Report of Children's Institutions.....	21
Report of Dominion-Provincial Wartime Day Nurseries..	21
Report of Refuges and Homes for the Aged.....	22
Report of the Supervisor of Investigators—Old Age Pensions and Mothers' Allowances Commissions.....	23
Report of the Soldiers' Aid Commission.....	24

PART II

FINANCIAL AND STATISTICAL REPORTS

Summary—Department of Public Welfare.....	29
Old Age Pensions.....	41
Pensions for the Blind.....	45
Mothers' Allowances.....	49
Children's Aid.....	51
Houses of Refuge and Homes for the Aged.....	60
Soldiers' Aid Commission.....	70

REPORT OF THE DEPUTY MINISTER

TO THE HONOURABLE R. P. VIVIAN, M.D.,

Minister of Public Welfare.

I beg to submit herewith a report covering the activities of the Department of Public Welfare for the fiscal year commencing April 1, 1943, and ending March 31, 1944.

For the year under review, trends similar to those commented upon previously continue to be noted. There is still a tendency for a reduction in the number of persons in receipt of Unemployment Relief and Mothers' Allowances. The number of Old Age Pensioners has not changed greatly. In the field of child welfare, however, definite increases are noted.

On occasions the question is asked: Why is Relief now necessary, with the tremendous increase in employment? The apparent paradox of Direct Relief being necessary while there is an acute shortage of labour is explained by the fact that those persons presently in receipt of Relief are entirely without resources and unable to accept employment. They represent less than half of one per cent of the population of the Province. Health reasons account for assistance being granted to 7,235 of the 8,493 heads of families and single individuals in receipt of assistance. Thus, eighty-five per cent of the whole case load is directly the result of physical inability to engage in productive activity. The Province continues to contribute on a fifty per cent basis of the shareable expenditure for the assistance of persons in receipt of Relief. Every effort has been made by the staff of the Department, in co-operation with municipal relief administrators, to assure favourable adjustments of all problems presented. Placement of marginally employable persons has proved helpful to many formerly dependent on public assistance. However, it is found that a lesser number of those persons on Relief are suitable to be considered for any type of employment, even on a part-time basis. The term "Relief" as applied to the present recipients of assistance is a misnomer. Actually, the group at present being assisted forms another category of persons requiring public assistance and, while we have for some time had categorical assistance in the form of Old Age Pensions and Mothers' Allowances, it now appears that there is a third group added, who do not fit into the previous categories but who nevertheless are dependent upon public assistance.

During the year, the Old Age Pensions Commission granted awards to 5,819 new pensioners. This represents a slight increase over the previous year. Reinstatements were 758, as compared with 1,070 for the year 1942-43. As of the end of March, 1944, 56,156 persons were in receipt of Old Age Pension. During the year 102 Pensions for the Blind were granted. The total number of persons receiving Blind Pension as of March 31st, 1944, was 1,449. This represents a slight drop from the previous year. The total number in receipt of Old Age and Blind Pensions as of March 31, 1944, was 57,605, as compared with 59,194 for the fiscal year ending March 31, 1943. That Old Age Pensions are of considerable value is indicated from opinions expressed to, and letters received by, the Commission. This indicates that pensions have accomplished much good in this Province and numerous homes have been made more comfortable for their aged occupants by the regularity of the monthly cheque, which provides a dependable income. While not

large, nevertheless it becomes a decided factor in contributing to the peace of mind of the elderly people.

Mothers' Allowances applications showed an increase for the year—1,559 new applications were received for the fiscal year 1943-44, as compared with 1,467 for the fiscal year 1942-43. During the year there were 334 reinstatements, as compared with 1,412 reinstatements for the fiscal year 1942-43. As of March 31, 1944, there were 7,527 Mothers' Allowance beneficiaries on the roll, compared with 7,982 as of March 31, 1943. The total number of children receiving benefits through Mothers' Allowances as of March 31, 1944, was 15,488. The Commission, in its analysis of the beneficiaries in receipt of assistance, ascertained that there were a certain number of families where a large number of small children prevented the mother from supplementing the allowance in any way. There were also certain families where the mother's health was such that she could not work outside her home. To meet this situation, the Commission passed a resolution, asking that authority be given to enable it to increase the allowance above the flat rate in cases of extreme necessity. This resolution was accepted and became effective toward the end of the fiscal year under review.

Although struggling under very heavy case loads, the Investigators serving both the Old Age Pensions and Mothers' Allowances Commissions have been able to visit each Mothers' Allowance beneficiary at least four times a year, except in the outlying areas where this would be impractical. The kindly encouragement which is given the mothers by the Investigators has helped greatly.

Across the whole field of child welfare there is a noticeable increase in the demands made upon these services. The Children's Aid Branch reports that the local Children's Aid Societies are still struggling under increasing case loads, with a continued scarcity of available qualified staff. The number of cases referred to the Societies for protective service increased during the year slightly but not as markedly as previously. The number of children committed as wards increased from 1,259 for the fiscal year 1942-43 to 1,353 for the fiscal year 1943-44. This tendency to increased wardship, together with fewer children going out of care, has resulted in a net increase of 603 wards for the year. A similar situation exists with non-wards, where there has been a net increase of 486 non-wards in care, as compared with the previous year. As of March 31, 1944, there were 12,979 children in care of the Children's Aid Societies as wards or non-wards. For this number the Societies have the entire responsibility to provide foster home care. The serious scarcity of foster homes of all types, with the exception of adoption homes, has been one of the most difficult problems with which the urban Societies, especially, have had to cope. Great credit is due the Societies that, despite this difficulty, they have succeeded in placing 271 more children in free care than last year. This indicates the Societies' desire to halt the upward trend in increased costs in every legitimate way.

While the total number of births in Ontario increased by 6.9 per cent for the year, the number of cases referred under the Children of Unmarried Parents Act increased by 7.5 per cent. While this is high, it must be viewed in relation to the increasing total births. Collections for maintenance under the Children of Unmarried Parents Act totalled \$137,433.29, an increase of \$4,191.33 over the fiscal year 1942-43.

The number of adoptions completed during the year totalled 1,775 and is the highest on record. This was a very slight increase over the previous year and may indicate that the upward trend in adoptions is levelling off.

The demand on the Societies for special services, in conjunction with the war effort, continues; and the Dependents' Allowance Board, Dependents' Board of Trustees and the Department of Pensions and National Health still continue to avail themselves of the services which the Societies are equipped to give.

As at the end of March, 1944, the number of Day Nurseries had increased to 18 and the number of Day Care Centres to 30, providing accommodation for 3,260 children. Each unit has been established to meet a pressing need in a particular district. Accommodation has been found in churches, houses and schools in the community.

The Soldiers' Aid Commission has found that the number of requests for services requiring emergency assistance has been greatly increased and comments that this increase is likely to continue for a period of time after the war.

While there is a slight reduction in the number of days' care provided in Children's Institutions, this is partially explained by the closing of one institution, the Hamilton Infants' Home. Generally, the remaining Children's Institutions remained pretty much filled to capacity.

A similar condition exists in the Houses of Refuge, where older people in increasing numbers have sought accommodation, since housing conditions are such that fewer people have been willing to take elderly persons into care. The whole field of accommodation for the aged is one that represents a serious problem at the present time.

All of which is respectfully submitted.

B. W. HEISE,

Deputy Minister of Public Welfare

PART I

ANNUAL REPORT of the UNEMPLOYMENT RELIEF BRANCH

For the Fiscal Year 1943-44

Public assistance in the form of direct relief remained fairly constant in numbers during the fiscal year 1943-44. The system of public relief at present is designed to alleviate want for persons classified as "unemployable." These include those suffering from some chronic illness or disability; the aged not eligible for Old Age Pension and yet incapable of accepting or holding a job; the homemakers—those women required to remain home and furnish care for their children and/or ailing husband.

The question—Why is public assistance now necessary?—is continually asked. This apparent paradox of direct relief and acute shortage of labour is explained by the fact that the needy persons referred to are without resources and unable to accept employment. Neither are they eligible for special types of assistance such as Old Age Pension or Mothers' Allowances. It is probable the number of persons requiring assistance is at present at the lowest point. With this in mind value will be obtained by including in this report certain available statistics. These records will serve to show the characteristics of cases in receipt of relief at a time when less than half of one per cent of the population of the Province is in receipt of aid. Needless to say, current economic conditions permit the fullest measure of employment and income. The statistics referred to were compiled from municipal returns covering the month of February, 1944.

Certain of the characteristics of the case-load are highlighted herewith. Health reasons accounted for assistance being granted to 7,241 of the 8,493 cases (heads of families and single individuals), or 85 per cent of the total. The balance obtained relief principally because of some marital problem, imprisonment of husband or other cause requiring women to maintain their homemaking duties. Age of the individual case is a predominant factor in granting relief. Half of all cases are over sixty-five years of age and two-thirds of all cases exceed sixty years. Approximately three out of each ten persons were children under sixteen years of age.

Persons classified as single individuals greatly exceed the number of families in receipt of relief. Single individuals totalled 5,276, or 62 per cent of the 8,493 cases. Of this number of single individuals, there were 3,448 females and 1,828 males; the females equalling approximately two-thirds of the total. Ages of single individuals are relatively higher than those of heads of families; 86 per cent of the single persons exceed fifty years of age, with heads of families numbering 53 per cent in excess of fifty years. It is thus seen that the relief case-load in this period is largely made up of the single individual and the aged person. The nature of this public assistance case-load is the antithesis of that prevailing during depression years. Upwards of 500,000 persons obtained relief in April, 1933, the month showing the largest number of recipients. This is in contrast to a total of approximately 16,000 persons now registered for assistance.

Contribution on the part of the Province on behalf of relief recipients was maintained on the basis of 50 per cent of the shareable expenditures. Hereunder is Table I showing distribution of expenditures for fiscal year under review, in comparison to the previous year and 1939-40.

TABLE I
DIRECT RELIEF GROSS EXPENDITURES AND PERCENTAGE OF
CONTRIBUTION BY FISCAL YEAR

	1943-44	PERCENT- AGE	1942-43	PERCENT- AGE	1939-40	PERCENT- AGE
Province.....	\$1,221,792	52.2	\$1,481,880	52.1	\$8,467,108	43.3
Dominion.....	.....	.....	.....	.....	7,441,274	38.0
Municipalities.....	1,120,000	47.8	1,364,831	47.9	3,655,356	18.7
	<u>\$2,341,792</u>		<u>\$2,846,711</u>		<u>\$19,563,648</u>	

Comparative number in receipt of relief, March, 1944, to that of the preceding month of March point to a decrease of 13.6 per cent. In relation to the numbers in March, 1939, prior to commencement of the war, merely 5 per cent of the heads of families require relief at present, and the total number decreased by 93.9 per cent. Table II points to a consistent drop in numbers between March, 1943, and March, 1944, in accordance with the various classifications of recipients.

TABLE II
COMPARATIVE CASE-LOAD AND PERSONS IN RECEIPT OF RELIEF
MONTH OF MARCH

	TOTAL CASES	TOTAL PERSONS	TOTAL HEADS OF FAMILIES	TOTAL SINGLE PERSONS	PERCENT. OF POPULATION ON RELIEF
March, 1939.....	87,571	313,359	69,663	17,908	8.80
March, 1943.....	9,871	18,959	3,963	5,908	.52
March, 1944.....	8,532	16,468	3,429	5,103	.46
Percentage of Decrease— Mar., 1944, under 1939.	90.3	93.9	95.1	71.5	.....
Percentage of Decrease— Mar., 1944, under 1943.	13.6	13.1	13.2	13.6	.....

The number of municipalities submitting monthly Statements of Account for relief has progressively diminished. In March, 1944, 483 municipalities requested subsidy for relief expenditures in comparison with 513 municipalities in March, 1943. The incidence of granting relief is much more pronounced in urban areas. The cities, towns and villages numbering 332 of the 903 municipalities in the Province were responsible for over 80 per cent of the total expenditures and 73 per cent of the numbers on relief in March, 1944. Percentage of population in receipt of relief is extremely low in the 571 Ontario townships, equalling only 0.27 per cent.

TABLE III
DISTRIBUTION OF RELIEF EXPENDITURES AND NUMBERS ACCORDING
TO MUNICIPAL DIVISIONS, MARCH, 1944

	TOTAL EXPENDI- TURES	TOTAL NUMBERS	TOTAL POPULA- TION	PERCENT. OF TOTAL EXPENDI- TURES	PERCENT. OF TOTAL NUMBERS	PERCENT. OF TOTAL POPULA- TION
Province.....	*\$207,170	16,574	3,704,356	100.0%	100.0%	100.0%
Counties.....	175,508	13,431	3,222,564	84.7	81.0	87.0
Districts.....	31,662	3,143	481,792	15.3	19.0	13.0
Cities.....	141,257	9,855	1,723,409	68.2	59.5	46.5
Towns and Villages...	26,587	2,253	665,906	12.8	13.6	18.0
Townships.....	30,305	3,253	1,199,260	14.6	19.6	32.4
Unorganized.....	9,021	1,213	115,781	4.4	7.3	3.1

*Subject to minor adjustment.

The mere granting of material aid is not the only function of officials concerned with relief administration, and sometimes it is only of minor importance. Much has been accomplished by municipal relief administrators and representatives of this Branch in the favourable adjustment of difficulties encountered in individual cases. Bettering of the circumstances of needy persons is the primary objective in all cases. Cases may be assisted to obtain Mothers' Allowances Benefits, Old Age Pensions, Dependents' Allowances or any other type of special assistance. It may be that some out-of-ordinary medical services will permit an individual to become self-supporting once more. The locating of a missing husband and the suitable action taken following his apprehension will permit the family to be self-maintaining. The obtaining of suitable employment for those in a position to accept it has permitted many to provide for themselves in a normal manner. The placement of marginally employable persons, particularly in the aged group, has proved helpful to many formerly dependent on public assistance. Many such persons have given excellent service, and indications are that some may continue in their employment following the end of the war. Dependents of members of the Armed Forces have received prior treatment in any problems presenting themselves.

While the number of persons requiring public assistance remains at a low level there is every indication of a sharp increase in applications at the termination of the war from persons who will undoubtedly qualify on the basis of unemployment.

It might be stated that recipients of relief are more adequately provided for than previously. The methods of issue are simplified and less trying for both recipients and administrative staffs by the cash relief system, which is in effect in the majority of larger municipalities.

JAS. S. BAND,

Assistant Director,
Unemployment Relief Branch

ANNUAL REPORT
of the
OLD AGE PENSIONS COMMISSION

For the Fiscal Year Ending March 31, 1944

In compliance with the provisions of the Ontario Old Age Pensions Act, we have the honour to present the report of the administration of the Act for the fiscal year ending March 31, 1944.

The granting of war appropriation and the inclusion of the provincial bonus has increased the maximum pension from \$20.00 per month to \$28.00, to all those who qualify for the same under the Regulations, and in order to apply this the Commission was compelled to review over 58,000 files.

The local boards and municipal clerks have performed their duties in a very commendable manner, forwarding their reports with applications, and the Commission desires to express its appreciation of the support and co-operation received from the municipal authorities in assisting the applicants in presenting their applications.

The Provincial Treasury Department maintains an independent daily audit, and the auditors representing the Dominion Government have made periodical examination of our records and accounts.

The proper administration of the Old Age Pensions Act is neither a simple nor easy task. The successful operation of the Act depends largely on the class of Investigators employed. This not only applies to the smooth operation of the technical parts of the Act, but, if the Investigator carries out instructions fully, he smooths all misunderstandings and difficulties which arise from time to time in the field. We have an In-Service Training Program which is producing good results. Reliable information is not always obtainable, and in many cases it is most difficult to determine accurately the income of an applicant. Cash receipts are often a very small part of the income, but many applicants consider this only. The Regulations respecting income state, among other things, that the Commission shall take into account other means of livelihood, whether in money or in kind, which the pensioner may reasonably be expected to receive. This would obviously include all contributions received, in cash or in kind.

One of the biggest problems during the past year has been how best to apply the Parents' Maintenance Act. Earnings of pensioners subsequent to the granting of pension, the receipt of bequests or other gifts, and the transferring of property, bring up many complex problems for solution. There are numerous difficulties with respect to obtaining proof of age. Many applicants cannot obtain birth or baptismal certificates, and considerable time is lost in obtaining a record that can be accepted by the Commission. Residence is a matter of vital importance, and gives rise to much correspondence and inquiry.

The Commission has reviewed and reconsidered numerous cases where additional information has been received. It gave all cases most sympathetic consideration; however, it must be constantly on guard to see that all cases

meet the requirements of the Act, and that pensioners are properly paid. It is the duty of the Commission to see that justice is done to all pensioners, but at the same time to safeguard the public treasury.

In the matter of collecting claims from the estates of deceased pensioners, the Commission uses its discretion; and in a case where any person has contributed by giving care or other assistance during the pensioner's last illness, or since the granting of pension, it is felt that no claim should be made. However, where an estate, even though small, goes to anyone living outside of Canada, then it is felt that the public treasury should be reimbursed.

A number of Old Age Pensioners are taking advantage of the accommodations provided by the various institutions for aged people. The pensioners residing in such homes pay a portion of their pension for maintenance, and they use the balance for personal needs. This enables them to maintain a degree of independence which otherwise might not be possible. As the number of pensioners who require hospitalization is increasing, this problem is one of the greatest that the Commission is faced with at the present time. Many municipalities come to the rescue of the pensioner by granting free hospitalization, thereby allowing the pensioner to have a certain amount of cash when he is discharged from the hospital.

It is our pleasure to report several instances of pensioners whose circumstances have improved, and who, of their own accord, have asked that their pensions be discontinued or an adjustment made to fit in with the better circumstances which they are enjoying.

Judging from letters received in the office and from opinions expressed by many citizens, Old Age Pensions have accomplished much good in this Province, and numerous homes have been made more comfortable for their aged occupants. It brings much joy to these old people in the eventide of their lives and adds substantially to their material comforts. The regularity of the monthly cheque provides a dependable income which, though not large, is a very decided factor in contributing to the peace of mind of those who have passed their "three score years and ten." The Commission is confident that the money expended on Old Age Pensions is deeply and gratefully appreciated by the recipients.

The agreement made between the Ontario Medical Association and the Department of Welfare, for medical assistance to the Old Age Pensioners and Blind Pensioners, continues to function satisfactorily.

The Commission earnestly and sincerely seeks co-operation and assistance in the performance of its duties, as expressed by Parliament and the Legislature in the Old Age Pensions Acts.

All of which is respectfully submitted.

CHAS. H. GREEN,
Chairman

B. W. HEISE,
Vice-Chairman

MARY M. POWELL,
Commissioner

ANNUAL REPORT of the MOTHERS' ALLOWANCES COMMISSION

For the Fiscal Year Ending March 31, 1944

Trends in Family Welfare have progressed considerably in the twenty-four years since Mothers' Allowances legislation was enacted. In this connection, too, the administration of the Ontario Mothers' Allowances Act has made progress.

The provision for medical services as well as providing fuel for the winter months to families whose income is not sufficient to meet the added expense are proving a great benefit to the beneficiaries under the Act.

While the 20 per cent bonus authorized to commence from the first of the fiscal year now under review, went a long way to provide additional comforts for many families, there were still remaining the families in which there were a large number of small children thus preventing the mothers from supplementing the allowance. There was also the mother whose health was such that she could not work outside her home.

To meet the latter situation the Commission, at the close of the fiscal year, submitted to the Government a resolution asking that authority be given to the Commission to enable it to increase the allowance above the flat rate in cases of extreme necessity. The resolution was approved by Order-in-Council and is now in effect, to the great advantage of several mothers.

The Commission's plan to pay a flat rate and supplement this in extreme cases has proved to be a constructive step. The fact that the mother is allowed, and in fact encouraged to work, gives her better satisfaction and tends to raise the morale of the family and creates a hope that she will eventually become independent of any public assistance.

The fact that children in these homes have to assume some responsibility fairly early in life is undoubtedly one reason why juvenile delinquency is a negligent quantity in the families of our beneficiaries. These children take great pride in helping their widowed mother to bear her heavy responsibilities. The investigator, however, is on the alert to see that the boys and girls do not work to the point where they are too tired to attend to their school work. Two such brothers worked long hours, and on enquiry at the school it was found they were not too alert in the morning. One boy was encouraged to give up his job, and an arrangement was made with his brother's employer to divide the work between the two brothers so that the boys each work three evenings a week.

The success in life of very large numbers of young men and young women who were children in the homes of beneficiaries is evidence of wise administration. They are to be found in almost every profession, as well as holding good positions in offices and workshops. Many hundreds of sons and daughters are in the Armed Forces, and not a few have paid the supreme sacrifice.

There are still problems presented to the Commission that cannot be dealt with under the present Act. The deserted mother cannot be assisted until the husband's whereabouts have been unknown for a period of three years. The families of men committed for long penitentiary terms are also unprovided for.

In the incapacitation field it is sometimes difficult to establish permanent total disability under the present Act, which requires that total disability shall also be permanent.

At present the allowance is reduced in cases where there is more than one dependent, one of whom reaches sixteen years of age, and cancelled when the youngest or qualifying child becomes sixteen years of age. In many cases such children have to leave school in what perhaps is the most important term of their school life without the opportunity of completing that year.

Statistics may be found in our statistical report. The tendency is a decrease in the number of beneficiaries, and this is due to the number of families becoming self-supporting.

The Commission continues to receive the co-operation of the Local Boards, and most of the Board members take a keen interest in the work. It is also indebted to Social Welfare Organizations and Service Clubs for much assistance given to us.

The Commission wishes to express its appreciation to Honourable R. P. Vivian, M.D., for the interest he has taken and for his advice and help in the administration of the Act.

H. BENTLEY,
Chairman

E. V. McKECHNIE,
Vice-Chairman

B. W. HEISE,
Commissioner

ANNUAL REPORT
of the
CHILDREN'S AID BRANCH
For the Fiscal Year 1943-44

Many and various have been the problems facing the Children's Aid Societies in the year just closed. Perhaps the two most outstanding are the way in which the actual work confronting each Society has continued to mount and the increasing scarcity of available qualified staff.

Protection Work

It is most regrettable that at this time, when there is a growing appreciation on the part of both Board and staff members of the constructive possibilities of careful supervision of families in which child neglect is present, it should be almost impossible to secure sufficient suitable staff to do justice to the work. The number of families under supervision differs very slightly from last year—7,808 as against 7,995—but pressure of work in many instances precluded the intensive work desirable. A scrutiny of the types of neglect which brought children to the attention of Children's Aid Societies—physical neglect, moral neglect, marital discord, separation of parents, excessive drinking, etc.—reveals no significant trends, with the possible exception of juvenile delinquency, which has increased from 1,217 to 1,497 cases.

Wardship

There is a noticeable increase in the number of children made wards during the year, new cases of permanent wardship rising from 379 last year to 517 this year, and new temporary wardships rising from 1,259 to 1,353. Another trend which is conspicuous is the renewal of temporary wardships—470 this year as against 346 last year.

Children in Care

The end of the year showed a new increase of 603 wards in care (a total of 9,288) as contrasted with an increase of 491 last year. Similarly with non-wards—there were 486 more at the end of the year (a total of 3,691) as against an increase of 393 a year ago. The serious scarcity of foster homes of all types, with the exception of adoption homes, has been one of the most difficult problems with which the urban Societies especially have had to cope. Great credit is due the Societies that despite this difficulty they succeeded in placing 271 more children in free care—that is in adoption, free and wage homes—this year than last, which municipal authorities will feel an encouraging indication of the Societies' desire to halt the upward trend in increased costs in every legitimate way.

The Child Born Out of Wedlock

The total births in Ontario increased by 6.9 per cent for the year just closed; the number of cases referred under the Children of Unmarried Parents Act increased by 7.5 per cent. While this is high, it must be viewed in relation to the increasing total births. The number of new cases referred to the Department this year was 3,137. Collections for maintenance under the Act

totalled \$137,433.29, an increase of \$4,191.33 over last year. Some interesting statistics regarding the disposition of cases will be found in the statistical section of this Report.

Adoptions

While the number of adoptions completed during the year 1943-44 is the highest on record, 1,775, there is only an increase of 69 over 1942-43, as against an increase of 337 in 1941-42, which would indicate that adoptions are returning to normal. As would be expected, the majority of the children, 79 per cent, were born out of wedlock. Another 8 per cent were legitimate children adopted by their mother's second husband, leaving 13 per cent only of the legitimate children from broken homes.

War Services

British Child Guests: This year saw the return to the United Kingdom of 28 young people of an age to serve at home, either in the Armed Forces or essential industries. There is much interest on the part of parents with regard to the return of their children, but no definite plans have yet been formulated for the remaining 671 official British Child Guests in Ontario, as to whether they will go singly, in small groups or *en masse*, as shipping facilities become available. Meantime, indications are that on the whole they are enjoying their prolonged stay in Canada.

Dependents' Allowance Board: The greatest increase in work for the D.A.B. was in connection with the administration of allowances, this phase of the work alone requiring 10,385 visits and office interviews this year as against 5,855 last year. Other families competent to manage their allowances, but presenting social problems requiring supervision, necessitated 12,235 visits and office interviews, a slight increase only over last year. There was, on the other hand, a decided falling off in the number of investigations regarding eligibility for allowances—from 1,584 to 1,155.

Dependents' Board of Trustees: Here again there was a tremendous increase in volume of work—10,481 applications for Supplementary Grant being referred to the Societies this year as against 5,673 last; and 220 applications for Compassionate Leave as against 145.

Department of Pensions and National Health: The demands on Children's Aid Societies in this connection were few—31 investigations only regarding pensions and 57 regarding Veterans' Allowances.

Finance

Though the total expenditures of Children's Aid Societies, \$2,197,306.62, increased by \$306,612.83, or 16 per cent over the previous year, it was interesting to note that maintenance collected from municipalities increased by only 4.7 per cent. On the other hand, fees from parents and others increased by \$39,965.46. Another significant development is the increase in voluntary grants from municipalities by \$87,849.00, which appears to indicate a growing appreciation of the value of preventive work in homes where there are neglected children and also of rehabilitative work in connection with the

unmarried mother and her child, both of which aspects of the work are maintained by voluntary contributions.

Conclusion

The War Services have pressed very heavily upon the Children's Aid Societies this year, and credit is indeed due them for the magnificent effort made, despite serious staff shortages, to meet the dual and abnormal demands of war and regular services.

MAE FLEMING,
Director

CHILDREN'S AID SOCIETIES

ONTARIO

Algoma.....	Mrs. E. L. Kraus.....	Sault Ste. Marie
Brant.....	Mr. J. P. Temple.....	Brantford
Bruce.....	Mr. D. W. Cameron.....	Walkerton
Cochrane.....	Mr. A. G. Carson.....	Timmins
Dufferin.....	Mrs. I. MacDonald.....	Orangeville
Elgin.....	Mrs. H. Logan (Acting).....	St. Thomas
Fort William.....	Mr. F. R. Mills.....	Fort William
Frontenac.....	Miss Marion Coon (Acting).....	Kingston
Grey.....	Mr. J. D. Adamson.....	Owen Sound
Haldimand.....	Mr. C. R. Bilger.....	Dunnville
Halton.....	Mr. G. F. Thompson.....	Milton
Hamilton.....	Mr. B. Beaumont.....	Hamilton
Hastings.....	Mr. T. D. Ruston.....	Belleville
Huron.....	Mr. H. T. Edwards.....	Goderich
Kenora.....	Miss Florence Humble.....	Kenora
Kent.....	Mr. F. Appleyard.....	Chatham
Lambton.....	Mrs. R. F. Gibson (Acting).....	Sarnia
Lanark.....	Miss Jessie MacPherson.....	Perth
Leeds and Grenville.....	Mr. C. A. Winters.....	Brockville
Lennox and Addington.....	Mr. W. F. Barrett.....	Napanee
Lincoln.....	Mr. L. S. Richardson.....	St. Catharines
London and Middlesex.....	Mr. F. Cristall.....	London
Manitoulin.....	Mrs. J. S. Long.....	Gore Bay
Muskoka.....	Mr. W. D. Forrest.....	Huntsville
Nipissing.....	Miss Evelyn Caswell.....	North Bay
Norfolk.....	Mr. F. V. Miller.....	Simcoe
Northumberland and Durham.....	Mr. A. B. Finnie.....	Port Hope
Ontario.....	Mr. D. G. Stevenson.....	Oshawa
Ottawa and Carleton.....	Mrs. M. J. Henshaw.....	Ottawa
Oxford.....	Mr. R. G. Clowes.....	Woodstock
Parry Sound.....	Mr. Wm. Elliott.....	Parry Sound
Perth.....	Mr. Murdoch Keith.....	Stratford
Peel.....	Mr. A. E. Kilpatrick.....	Brampton
Peterborough.....	Miss R. A. D. Young.....	Peterborough
Port Arthur.....	Mrs. Agnes Brown.....	Port Arthur
Prescott and Russell.....	Mr. J. Lacasse.....	Wendover
Prince Edward.....	Miss V. Anglin.....	Picton
Rainy River.....	Mrs. Florence Tibbetts.....	Fort Frances
Renfrew.....	Children's Aid Society.....	Renfrew

CHILDREN'S AID SOCIETIES (Concl'd.)

Simcoe.....	Mr. G. R. Foster.....	Barrie
Stormont, Dundas and Glengarry.....	Miss Marion Cabeldu.....	Cornwall
Sudbury.....	Mr. J. S. Davidson.....	Sudbury
Temiskaming.....	Mrs. Nora Fox.....	Kirkland Lake
Toronto.....	Mr. Robt. E. Mills.....	Toronto
Victoria and Haliburton.....	Mr. Allan Blewett.....	Lindsay
Waterloo.....	Mr. K. D. Kayler.....	Kitchener
Welland and Niagara Falls.....	Mrs. D. E. Young.....	Welland
Wellington.....	Miss B. Dauphinee.....	Guelph
Windsor and Essex (Prot.).....	Mr. J. H. Dawson.....	Windsor
Windsor and Essex (R.C.).....	Mr. R. J. Bondy.....	Windsor
Wentworth.....	Mr. C. M. Flatt.....	Hamilton
York.....	Mrs. J. S. Driscoll.....	Toronto
R.C. Children's Aid of St. Vincent de Paul.....	Miss Irene Allen (Acting).....	Toronto

CHILDREN'S INSTITUTIONS

April 1, 1943, to March 31, 1944

Days' care in Ontario children's institutions dropped by 15,635 days in the year 1943-44. This was partially due to the closing of one institution—the Hamilton Infants' Home.

Nevertheless, total costs increased by \$91,755.32. Of this amount, \$52,899.09 is accounted for in increased food costs.

More than offsetting the increased costs are two credit items: an increase of \$92,016.33 in income from investments, endowments and donations, and an increase of \$34,602.54 in fees paid.

REPORT OF DAY NURSERY BRANCH

April 1, 1943, to March 31, 1944

Dominion-Provincial Wartime Day Care

The Day Nursery and Day Care program to provide care for pre-school and school children ranging from two years to fourteen years of age whose mothers are engaged in necessary employment has expanded steadily.

The number of Day Nurseries has increased from 7 to 18, accommodating 770 children; the number of Day Care centres has increased from 5 to 30, accommodating 2,490 children.

Each unit has been established to meet a proven need in a particular district. Accommodation has been found for Day Nurseries in churches, houses, and schools of the community. Day Care is centred within the school buildings and the meal service is provided in nearby churches.

D. MILLICHAMP

ANNUAL REPORT

on

REFUGES AND HOMES FOR THE AGED

January 1 to December 31, 1943

In summarizing the period under review, the outstanding feature has been the increased demand for accommodation as provided by County and District Houses of Refuge and City Homes for the Aged. Facilities to provide for all applicants are lacking. During the past ten years, the number of residents has increased 16 per cent. In spite of this, no new buildings have been erected and additions to existing structures were minor.

Alterations and additions are still being made to many institutions, where it would appear that construction of modern up-to-date buildings is the real solution. Present indications are that at least three new Refuges will be erected in the not-too-distant future.

Many of the present institutions are old. The question of fire hazard is constantly in mind. Through this Department's inspection service, every effort is made to minimize this condition. This same inspection service has endeavoured, for the past ten years, to increase the self-maintenance of each unit, emphasis being placed on agriculture. Receipts from farm produce sold by Refuges have increased from \$30,994.57 in 1934 to \$91,500.96 in 1943. This item alone has contributed considerably towards reducing costs.

The co-operation of superintendents, matrons and Boards of Management is acknowledged.

A *résumé* of the 1943 statistics is submitted in the following table.

STATISTICAL SUMMARY

January 1 to December 31, 1943

	CITIES	DISTRICTS	COUNTIES	TOTAL
Number of Refuges.....	44	3	31	78
Average Number of Persons.....	3,525	175	2,334	6,034
Total Number of Persons.....	6,411	220	2,982	9,613
Total Pensioners.....	2,006	67	906	2,979
Total Non-pensioners.....	4,405	153	2,076	6,634
Total Days' Stay.....	1,243,135	63,955	852,515	2,159,605
Average Cost per Diem per Person.....	\$1.18	\$0.91	\$0.79	\$0.96
Total Cost.....	\$1,350,719.28	\$70,774.46	\$663,569.73	\$2,085,053.47

S. L. CHARLTON,
Inspector of Refuges

ANNUAL REPORT
of
**SUPERVISOR OF INVESTIGATORS FOR OLD AGE
PENSIONS AND MOTHERS' ALLOWANCES COMMISSIONS**
For the Fiscal Year 1943-44

In the early part of this year, the investigating staff was increased sufficiently to enable the investigators to do more efficient work.

The ninety-five investigators, carrying an average case-load of seventy-nine Mothers' Allowances and five hundred and ninety-one Old Age Pensions, have heavy responsibilities. Both Commissions base their decisions mainly on the circumstances reported by the investigators. At all times they give sympathy and kindness to beneficiaries and pensioners, and, in addition to this, they must have the ability to obtain all details necessary to file a complete report.

During this year the responsibility of checking the school attendance of the children of Mothers' Allowances beneficiaries, in the fourteen-to-sixteen-year age group, was assumed by the investigators. The Mothers' Allowances Commission expressed appreciation of the satisfactory way in which this was carried out.

The investigators were again able to visit each Mothers' Allowances beneficiary at least four times during the year, except in the very outlying areas, where it was impractical. The kindly encouragement which is given the mothers by the investigators has helped greatly.

As a result of the war appropriation grant to Old Age Pensioners in the latter part of 1943, it was necessary to review the file of each pensioner in the Province. The immense amount of work entailed in this review necessitated that most of the investigators in the field be called into the head office for the purpose of assisting Departmental calculators in completing this examination.

The District Supervisors have assisted in establishing a uniform system throughout the Province. Their ability to train the investigators and organize the work is to be commended.

In many centres the investigators are assisted greatly by various social agencies of the community, also by officials of the Surrogate Court, Registry Office and municipalities. Such co-operation is gratefully acknowledged.

NORA E. SMYTH,
Supervisor

ANNUAL REPORT
of the
SOLDIERS' AID COMMISSION OF ONTARIO

April 1, 1943, to March 31, 1944

Commission Membership

No changes occurred in the membership of the Commission during the fiscal year, April 1, 1943, to March 31, 1944, now under review. It should be noted, however, that leave granted Commissioner Brigadier Rutherford, now on Active Service in Great Britain, has continued in force throughout the year.

Commissioner Brigadier J. A. Dewart, whose leave while on military duty with the Western Command in Canada continued from the previous year into the year under review, was retired from active duty in January, 1944, and returned to his home district, Peterborough, upon which his active connection with the Commission was resumed.

Commission Meetings

One general and one special meeting were held during the year, all members showing their usual keen interest. The special meeting was called to meet the new Minister of Public Welfare, the Honourable R. P. Vivian, M.D., for the purpose of reviewing Commission activities and to discuss current services and policies.

Commission Staff

No staff changes have occurred during the period. Prompt and efficient service has been rendered by all members.

Audit

Following the end of the fiscal year, an audit of the books and accounts was performed by a representative of the Provincial Auditor's Department. All books and accounts were reported to be in order and to correctly reflect the operations and transactions of the Commission throughout the year. Financial statements will be found appended hereto.

Wards

Services to wards in general is covered by a special statistical report appended hereto. It will be noted that during the year the number of wards requiring attention from the Commission has been decreased from nine to five. This reduction was due to the coming of age of four wards. Wards' welfare investigations and placements also showed a further decrease this year to twelve, compared to forty-eight for the previous year. Again this is due to the decreasing number of wards and permanent establishment. We note with satisfaction that a substantial number of former wards of the Commission are now on active service in this war, either overseas or in Canada. We have reports of some former wards who have become casualties, of whom one was killed in action.

Assistance and Advice to Veterans

1. Emergency grants for the year number 1,251, as compared with 1,062 for the previous year. (No. 8 Account grants shown separately.)
2. General information and advice services rendered to ex-service men and dependents totalled 2,284, as compared with 2,354 for the previous year.
3. Office interviews for this period were 2,158, as compared with 2,580 for the previous year.
4. Special information and advice *re* pension claims, War Veterans' Allowance procedure, etc., number 558, as compared to 575.

It may be interesting to note that 282 cash grants, representing an amount of \$2,190.25, were made to men and dependents of men with service in this war. This shows an increase over the previous period, when 176 grants amounting to \$1,067.14 were made.

Kathleen Hammond Fund

The assistance from this fund to widows of veterans, widowed by the war, served 377 cases of emergency or special need during the past year, as compared with 316 in the previous year. The *corpus* of this fund was subject to further increases during the year.

Croft Estate

Continues to show surplus of income over carrying charges. Prospect for vacant real estate in Yonge-Eglinton Avenue area steadily improving.

Ex-service Men of the Second Great War

Pursuant to authority granted by the Sixth Session, Twentieth Legislature, Ontario, the Commission has rendered to ex-service men of the present war, and their dependents, services commensurate with their needs and comparable to those rendered ex-service men and dependents of the First Great War. In this connection, however, it should be noted that special Trust Funds (Kathleen Hammond, Scott, Croft and McNab Estates), administered by the Commission for ex-service men and dependents of the First Great War, are not available for the benefit of ex-service men of the present war, because of specific restrictions governing these respective bequests and donations. It is, of course, anticipated that in due time bequests and other trust funds will be available to the Commission on behalf of those whose service has been in this war.

While the Commission keeps in close touch with the Dominion Government, Red Cross and all other facilities available to help needy and deserving cases, it should be noted that the number of requests for services requiring emergency assistance from the Commission has been gradually increasing, and this increase is likely to continue until at least three years after the end of the war.

Garden Land Settlement

During the year two soldier settlers have continued to reside on allotments, while the remaining cottages have been rented to families seeking residence in the district through housing shortage. Revenues from these rentals retained in a special reserve fund have been substantially augmented during the year under review. This reserve fund is being tentatively con-

sidered for application to a property drainage scheme for the Settlement, to be undertaken at the earliest appropriate time.

General

During the period under review, the Director made personal calls on some 137 branches of veterans' organizations in the Province, when meetings were held with the officials of these bodies and addresses given at general meetings of the members. The work and scope of the Commission was reviewed, individual and general problems discussed, and help or advice arranged for or given. A very helpful system of co-operation has been established throughout the Province. In addition to the veterans' organizations, contact is also made with Inspectors of Children's Aid Societies; officials of the Provincial Government's Agricultural Loans; the Provincial Police (especially in unorganized areas), in the different areas visited.

The Commission also desires again to gratefully acknowledge the co-operation of the veterans' organizations; the Canadian Red Cross Society; I.O.D.E.; The Last Post Fund, and all other organizations and individuals who have in numerous ways been helpful during the year.

Respectfully submitted,

E. A. BAKER,
Chairman

PART II

FINANCIAL

AND STATISTICAL REPORTS

DEPARTMENT OF PUBLIC WELFARE FINANCIAL REPORT

For Fiscal Year 1943-1944

SUMMARY

Year Ended March 31, 1944

	ORDINARY EXPENDITURE	CAPITAL PAYMENTS
Main Office.....	\$ 244,726.64	
Day Nurseries Branch.....	181,158.17	
Children's Aid Branch.....	194,917.48	
Mothers' Allowances Commission.....	4,025,200.83	
Old Age Pensions Commission.....	5,592,196.62	\$10,667,302.51
Unemployment Relief.....	1,291,986.38	
	\$11,530,186.12	\$10,667,302.51

MAIN OFFICE

Minister's Salary.....	\$ 1,999.99
Permanent Salaries.....	19,539.43
Temporary Salaries.....	2,365.32
Cost-of-Living Bonus (All Branches).....	34,361.78
Travelling Expenses.....	2,203.94
Purchase of Equipment.....	496.20
Stationery and Printing.....	1,239.07
Telegraph and Telephone.....	185.00
Miscellaneous.....	94.47
Maintenance of Indigents.....	11,634.70
Burial of Indigents.....	866.69
Transportation of Indigents.....	177.25
Rehabilitation of Indigents.....	.....
Compensation—Injured Workmen.....	91.00
Unemployment Insurance Stamps.....	276.95
Survey of Department.....	1,106.00
Grants:	
Refuges.....	80,745.65
Orphanages.....	59,388.85
Soldiers' Aid Commission.....	22,202.62
Memorial Wreaths.....	2,251.73
Boy Scouts' Association.....	2,500.00
Ontario Girl Guides' Association.....	1,000.00
	\$ 244,726.64

DAY NURSERIES

Permanent Salaries.....	\$ 38.44
Temporary Salaries.....	4,749.97
Travelling Expenses.....	1,414.01
Purchase of Equipment.....	169.10
Stationery and Printing.....	178.56
Telegraph and Telephone.....	100.78
Miscellaneous.....	.40
Maintenance.....	174,506.91
	\$ 181,158.17

	ORDINARY EXPENDITURE	CAPITAL PAYMENTS
CHILDREN'S AID		
Permanent Salaries.....	\$ 34,638.41	
Temporary Salaries.....	4,290.78	
Travelling Expenses.....	3,333.17	
Purchase of Equipment.....	338.66	
Stationery and Printing.....	2,144.81	
Telegraph and Telephone.....	189.11	
Miscellaneous.....	244.55	
C.U.P.A. Travelling Expenses.....	7,083.53	
C.U.P.A. Maintenance.....	73,650.05	
C.U.P.A. Legal.....	1,878.93	
C.U.P.A. Miscellaneous.....	29.33	
Grants—Salaries of Local Superintendents.....	66,500.00	
British Child Guests.....	596.15	
	<u>\$ 194,917.48</u>	
MOTHERS' ALLOWANCES		
Permanent Salaries.....	\$ 45,189.88	
Temporary Salaries.....	31,664.96	
Travelling Expenses.....	29,022.96	
Purchase of Equipment.....	588.33	
Stationery and Printing.....	2,139.53	
Telephone and Telegraph.....	217.90	
Local Board Expenses.....	2,458.67	
Sundry Administration.....	238.27	
Miscellaneous.....		
Allowances, M.A. Act.....	3,750,861.27	
Medical Services.....	162,819.06	
	<u>\$4,025,200.83</u>	
OLD AGE PENSIONS		
Permanent Salaries.....	\$ 92,778.66	
Temporary Salaries.....	56,348.78	
Travelling Expenses.....	36,717.13	
Purchase of Equipment.....	678.36	
Stationery and Printing.....	18,555.92	
Telephone and Telegraph.....	150.05	
Registration Fees.....	329.21	
Sundry Administration.....	4,557.77	
Miscellaneous.....	49.82	
Old Age Pensions.....	3,411,702.33	\$10,381,595.10
Pensions for the Blind.....	95,014.17	285,707.41
Medical Services.....	401,531.80	
Provincial O.A.P. Bonus.....	1,473,782.62	
	<u>\$5,592,196.62</u>	<u>\$10,667,302.51</u>
UNEMPLOYMENT RELIEF BRANCH		
	GROSS EXPENDITURE	NET EXPENDITURE
Direct Relief.....	\$1,178,850.45	\$ 1,020.85
Mothers' Allowances Fuel.....	44,014.93	136.88
Enemy Alien Dependents.....	5,051.06	7,363.97
Vacant Land Cultivation.....		85.00
	<u>\$1,227,916.44</u>	<u>\$1,219,309.74</u>
Administration:		
Main Office.....	\$ 42,613.96	\$ 42,613.96
District.....	30,062.68	30,062.68
	<u>\$ 72,676.64</u>	<u>\$ 72,676.64</u>
TOTALS.....	<u>\$1,300,593.08</u>	<u>\$ 8,606.70</u> <u>\$1,291,986.38</u>

RECEIPTS

	ORDINARY REVENUE	CAPITAL RECEIPTS
CHILDREN'S AID		
Miscellaneous.....	\$ 538.23	
OLD AGE PENSIONS		
Dominion—Old Age Pensions.....		\$10,310,621.89
Dominion—Pensions for the Blind.....		283,956.32
Other Provinces—Old Age Pensions.....		94,430.66
Other Provinces—Pensions for the Blind.....		2,099.97
	<u>\$ 538.23</u>	<u>\$10,691,108.84</u>

OLD AGE PENSIONS AND PENSIONS FOR THE BLIND

Disbursements and Receipts

Fiscal Year 1943-44

DISBURSEMENTS

TOTAL CHEQUES ISSUED	OLD AGE PENSIONS	PENSIONS FOR THE BLIND	TOTAL
Dominion.....	\$10,729,293.30	\$289,560.76	\$11,018,854.06
Ontario.....	3,553,178.48	96,882.31	3,650,060.79
Ontario Bonus.....	1,453,870.97	39,188.25	1,493,059.22
Other Provinces.....	71,211.71	1,512.59	72,724.30
	<u>\$15,807,554.46</u>	<u>\$427,143.91</u>	<u>\$16,234,698.37</u>
CANCELLED CHEQUES			
Dominion.....	\$ 183,913.73	\$ 3,281.15	\$ 187,194.88
Ontario.....	61,304.58	1,093.70	62,398.28
Ontario Bonus.....	18,175.88	441.89	18,617.77
Other Provinces.....			
	<u>\$ 263,394.19</u>	<u>\$ 4,816.74</u>	<u>\$ 268,210.93</u>
CASH REFUNDS			
Dominion.....	\$ 234,757.68	\$ 2,323.29	\$ 237,080.97
Ontario.....	80,171.57	774.44	80,946.01
Ontario Bonus.....	634.87	23.96	658.83
Other Provinces.....			
	<u>\$ 315,564.12</u>	<u>\$ 3,121.69</u>	<u>\$ 318,685.81</u>
NET TOTAL PAYABLE BY			
Dominion.....	\$10,310,621.89	\$283,956.32	\$10,594,578.21
Ontario.....	3,411,702.33	95,014.17	3,506,716.50
Ontario Bonus.....	1,435,060.22	38,722.40	1,473,782.62
Other Provinces.....	71,211.71	1,512.59	72,724.30
	<u>\$15,228,596.15</u>	<u>\$419,205.48</u>	<u>\$15,647,801.63</u>

RECEIPTS

	OLD AGE PENSIONS		PENSIONS FOR THE BLIND	
	1942-43	1943-44	1942-43	1943-44
DOMINION OF CANADA.....\$		\$10,310,621.89	\$	\$ 283,956.32
OTHER PROVINCES				
Alberta.....	6,332.94	8,629.15	120.00	147.50
British Columbia.....	5,121.86	5,174.19	74.50	106.00
Manitoba.....	17,163.02	18,364.40	157.25	152.50
New Brunswick.....	1,924.32	2,062.93	31.88	46.51
Nova Scotia.....	3,465.33	3,182.79	50.00	67.50
Prince Edward Island.....	64.06	55.77		
Quebec.....	30,104.96	31,578.88	1,028.30	964.58
Saskatchewan.....	25,093.43	25,382.55	584.00	615.38
	\$ 89,269.92	\$10,405,052.55	\$ 2,045.93	\$ 286,056.29
TOTAL RECEIPTS.....				\$10,691,108.84

EXPENDITURES ACCORDING TO LOCAL BOARDS

COUNTIES	OLD AGE PENSIONS	PENSIONS FOR THE BLIND	TOTAL
Brant.....	\$ 85,158.86	\$ 2,662.69	
Bruce.....	178,847.46	4,314.17	
Carleton.....	175,305.94	6,088.80	
Dufferin.....	71,961.95	1,681.00	
Dundas.....	81,536.16	2,306.00	
Elgin.....	155,418.81	4,865.00	
Essex.....	234,271.22	6,511.89	
Frontenac.....	127,399.08	2,664.75	
Glengarry.....	116,296.30	3,443.75	
Grey.....	211,440.11	5,017.92	
Haldimand.....	78,119.51	1,646.00	
Halton.....	101,007.84	1,051.76	
Hastings.....	265,499.60	8,799.23	
Huron.....	206,973.37	5,145.84	
Kent.....	190,160.13	5,148.00	
Lambton.....	152,210.25	4,390.13	
Lanark.....	146,521.45	3,632.25	
Leeds and Grenville.....	202,296.19	6,213.58	
Lennox and Addington.....	129,674.26	2,682.00	
Lincoln.....	112,544.17	3,445.85	
Middlesex.....	188,141.88	5,133.00	
Norfolk.....	150,618.17	5,768.00	
Northumberland and Durham.....	305,556.99	6,767.50	
Ontario.....	176,864.49	4,532.75	
Oxford.....	134,269.45	1,387.59	
Peel.....	113,167.11	2,217.51	
Perth.....	93,935.27	1,860.50	
Peterborough.....	115,234.07	1,872.11	
Prescott.....	126,710.87	7,609.40	
Prince Edward.....	114,720.51	2,779.95	
Renfrew.....	251,908.07	11,966.40	
Russell.....	104,383.40	3,946.00	
Simcoe.....	457,823.34	10,834.21	
Stormont.....	149,160.04	8,129.75	
Victoria.....	128,277.86	4,013.15	
Waterloo.....	135,921.09	2,617.00	
Welland.....	157,635.47	1,863.55	
Wellington.....	146,252.97	2,814.40	
Wentworth.....	139,128.07	2,953.67	
York.....	843,173.30	13,675.01	
	\$7,055,525.08	\$184,452.06	
Less Interprovincial Accounts Receivable..	54,856.72	1,627.00	
	\$7,000,668.36	\$182,825.06	\$7,183,493.42

CITIES	OLD AGE PENSIONS	PENSIONS FOR THE BLIND	TOTAL
Belleville.....	\$ 66,009.47	\$ 3,098.48	
Brantford.....	149,191.16	6,745.92	
Chatham.....	78,027.73	1,459.80	
Fort William.....	48,116.55	2,024.00	
Galt.....	68,976.55	1,968.00	
Guelph.....	97,360.51	3,197.40	
Hamilton.....	607,809.33	20,959.11	
Kingston.....	101,076.63	4,494.85	
Kitchener.....	98,896.00	1,216.40	
London.....	332,772.08	11,085.25	
Niagara Falls.....	49,906.00	1,904.00	
North Bay.....	58,527.29	1,168.00	
Oshawa.....	79,677.05	1,892.88	
Ottawa.....	517,622.70	18,393.86	
Owen Sound.....	81,677.95	1,752.00	
Peterborough.....	104,210.02	2,923.36	
Port Arthur.....	59,742.28	1,593.90	
St. Catharines.....	93,045.79	3,037.48	
St. Thomas.....	65,239.55	1,460.00	
Sarnia.....	56,693.22	292.00	
Sault Ste. Marie.....	71,547.96	2,441.30	
Stratford.....	79,719.73	4,433.73	
Sudbury.....	50,201.65	2,268.00	
Toronto.....	2,960,484.63	72,565.49	
Welland.....	21,543.04	449.53	
Windsor.....	328,359.25	8,588.77	
Woodstock.....	53,192.11	1,143.00	
	<u>\$6,379,626.23</u>	<u>\$182,556.51</u>	
Less Interprovincial Accounts Receivable..	62,338.52	1,512.00	
	<u>\$6,317,287.71</u>	<u>\$181,044.51</u>	<u>\$6,498,332.22</u>
TOWNS			
Brockville.....	\$ 46,202.88	\$ 584.00	
Gananoque.....	23,877.93	1,460.00	
Ingersoll.....	27,260.21	584.00	
Prescott.....	11,902.65	292.00	
Smith's Falls.....	30,257.50	2,210.00	
St. Mary's.....	20,834.48		
Timmins.....	16,872.63	584.00	
Trenton.....	36,904.83	1,500.19	
	<u>\$ 214,113.14</u>	<u>\$ 7,214.19</u>	
Less Interprovincial Accounts Receivable..	2,379.20	117.00	
	<u>\$ 211,733.94</u>	<u>\$ 7,097.19</u>	<u>\$ 218,831.13</u>
DISTRICTS			
Algoma.....	\$ 142,027.48	\$ 4,456.00	
Cochrane.....	133,056.50	3,408.92	
Dryden.....	8,996.34		
Haliburton.....	44,693.82	584.00	
Kenora.....	57,137.60	1,140.00	
Manitoulin.....	38,686.26	1,797.00	
Muskoka.....	124,140.97	2,893.76	
Nipissing.....	141,415.61	4,899.00	
Parry Sound.....	153,447.14	5,231.00	
Rainy River.....	88,983.35	2,080.35	
Sioux Lookout.....	2,132.14		
Sturgeon Falls.....	17,087.94	292.00	
Sudbury.....	137,201.46	6,656.23	
Thunder Bay.....	54,655.85	1,144.25	
Temiskaming.....	149,633.50	5,398.70	
	<u>\$1,293,295.95</u>	<u>\$ 39,981.21</u>	
Less Interprovincial Accounts Receivable..	19,783.16	791.00	
	<u>\$1,273,512.80</u>	<u>\$ 39,190.21</u>	<u>\$1,312,703.01</u>

OTHER PROVINCES	OLD AGE PENSIONS	PENSIONS FOR THE BLIND	TOTAL
Alberta.....	\$ 22,007.80	\$ 320.00	
British Columbia.....	16,111.28	95.00	
Manitoba.....	49,876.91	125.00	
New Brunswick.....	2,994.75	19.50	
Nova Scotia.....	5,621.18		
Prince Edward Island.....	63.70		
Quebec.....	74,093.83	1,582.33	
Saskatchewan.....	67,588.24	985.00	
	<u>\$ 238,357.69</u>	<u>\$ 3,126.83</u>	
Less Interprovincial Accounts Receivable..	145,489.24	2,003.36	
	<u>\$ 92,868.45</u>	<u>\$ 1,123.47</u>	<u>\$ 93,991.92</u>

OTHER PROVINCES—ACCOUNTS PAYABLE

Alberta.....	\$ 4,669.80	\$ 148.12	
British Columbia.....	9,997.19	255.79	
Manitoba.....	6,756.66	239.40	
New Brunswick.....	723.01	76.38	
Nova Scotia.....	1,163.16	51.75	
Quebec.....	18,646.62	964.49	
Saskatchewan.....	5,721.61	138.75	
	<u>\$ 47,678.05</u>	<u>\$ 1,874.68</u>	<u>\$ 49,552.73</u>

OTHER PROVINCES—ACCOUNTS RECEIVABLE

Alberta.....	\$ 26,011.80	\$ 434.00	
British Columbia.....	15,581.88	256.00	
Manitoba.....	55,940.88	472.00	
New Brunswick.....	6,101.96	100.52	
Nova Scotia.....	9,608.96	225.00	
Prince Edward Island.....	162.76		
Quebec.....	95,485.44	2,769.32	
Saskatchewan.....	75,953.16	1,793.52	
	<u>\$ 284,846.84</u>	<u>\$ 6,050.36</u>	<u>\$ 290,897.20</u>
GRAND TOTALS.....	<u>\$15,228,596.15</u>	<u>\$419,205.48</u>	<u>\$15,647,801.63</u>

ACCOUNTS RECEIVABLE

Old Age Pensions and Pensions for the Blind

	OUTSTDG. MAR. 31, 1943	CHARGED 1943-44	RECEIPTS 1943-44	OUTSTDG. MAR. 31, 1944
DOMINION OF CANADA				
Old Age Pensions.....	\$ \$10,310,621.89		\$10,310,621.89	\$
Pensions for the Blind.....	..... 283,956.32		283,956.32	.....

OTHER PROVINCES

Old Age Pensions.....	23,218.95	71,211.71	94,430.66	.....
Pensions for the Blind.....	587.38	1,512.59	2,099.97	.....
	<u>\$23,806.33</u>	<u>\$10,667,302.51</u>	<u>\$10,691,108.84</u>	<u>\$</u>

MOTHERS' ALLOWANCES COMMISSION

Disbursements and Receipts

Fiscal Year 1943-44

DISBURSEMENTS

Total Cheques Issued.....	\$3,782,940.00	
Less Cancelled Cheques.....	28,030.40	
		<hr/>
	\$3,754,909.60	
Less Cash Refunds.....	4,048.33	
		<hr/>
		<u>\$3,750,861.27</u>

EXPENDITURES ACCORDING TO LOCAL BOARDS

COUNTIES

Brant.....	\$ 11,043.26
Bruce.....	35,846.00
Carleton.....	40,405.00
Dufferin.....	11,250.00
Dundas.....	13,401.20
Durham.....	15,171.00
Elgin.....	23,976.00
Essex.....	42,594.00
Frontenac.....	19,200.00
Glengarry.....	29,523.00
Grenville.....	11,424.00
Grey.....	37,387.00
Haldimand.....	19,713.00
Haliburton.....	8,978.00
Halton.....	12,451.00
Hastings.....	50,082.00
Huron.....	28,817.00
Kent.....	29,891.00
Lambton.....	14,591.00
Lanark.....	21,189.00
Leeds.....	18,966.00
Lennox and Addington.....	13,772.00
Lincoln.....	14,921.00
Middlesex.....	25,025.00
Norfolk.....	30,843.20
Northumberland.....	26,413.00
Ontario.....	24,617.00
Oxford.....	18,123.00
Peel.....	15,850.00
Perth.....	14,256.00
Peterborough.....	16,757.00
Prescott.....	43,665.00
Prince Edward.....	10,907.00
Renfrew.....	72,784.00
Russell.....	28,312.00
Simcoe.....	97,577.60
Stormont.....	63,565.40
Victoria.....	21,889.20
Waterloo.....	20,562.00
Welland.....	34,882.00
Wellington.....	25,772.33
Wentworth.....	14,418.00
York.....	246,616.00
	<hr/>
	\$1,377,427.19

CITIES

Belleville.....	\$ 27,976.00	
Brantford.....	42,984.00	
Chatham.....	25,995.00	
Fort William.....	44,288.00	
Galt.....	18,005.00	
Guelph.....	30,634.00	
Hamilton.....	171,378.00	
Kingston.....	35,436.00	
Kitchener.....	40,504.00	
London.....	79,516.00	
Niagara Falls.....	19,341.00	
North Bay.....	36,954.00	
Oshawa.....	23,650.00	
Ottawa.....	200,598.90	
Owen Sound.....	24,150.00	
Peterborough.....	38,395.00	
Port Arthur.....	33,302.00	
St. Catharines.....	21,534.00	
St. Thomas.....	19,890.00	
Sarnia.....	11,474.00	
Sault Ste. Marie.....	42,376.00	
Stratford.....	17,631.00	
Sudbury.....	48,716.00	
Toronto.....	745,913.38	
Welland.....	12,636.00	
Windsor.....	94,902.20	
Woodstock.....	13,735.00	
		1,921,824.48

TOWNS

Brockville.....	\$ 9,132.00	
Gananoque.....	4,920.00	
Ingersoll.....	9,510.00	
Prescott.....	4,226.00	
St. Mary's.....	8,196.00	
Smith's Falls.....	5,574.00	
Trenton.....	10,936.00	
		52,534.00

DISTRICTS

Algoma.....	\$ 32,691.00	
Cochrane.....	79,655.40	
Kenora.....	22,101.00	
Manitoulin.....	10,920.00	
Muskoka.....	29,684.00	
Nipissing.....	46,926.20	
Parry Sound.....	37,572.00	
Rainy River.....	20,314.00	
Sudbury.....	45,802.00	
Thunder Bay.....	14,726.00	
Temiskaming.....	58,684.00	
		399,075.60
		<u>\$3,750,861.27</u>

S. A. SALMONS,
Accountant

UNEMPLOYMENT RELIEF STATISTICS

Fiscal Year 1943-44

PERCENTAGE OF POPULATION RECEIVING RELIEF AND NUMBER OF MUNICIPALITIES SUBMITTING ACCOUNTS, MARCH, 1944

MUNICIPAL DIVISIONS	PERCENTAGE OF POPULATION ON RELIEF	NUMBER OF ONTARIO MUNICIPALITIES	NUMBER OF MUNICIPALITIES SUBMITTING ACCOUNTS	PERCENTAGE OF MUNICIPALITIES SUBMITTING ACCOUNTS
Province.....	.45	903	483	53.5
Counties.....	.42	700	368	52.6
Districts.....	.65	203	115	56.7
Cities.....	.57	27	27	100.0
Towns and Villages.....	.34	305	174	57.0
Townships.....	.27	571	282	49.4
Unorganized Areas.....	1.05	.....	.....	.....

Comparative Statement—

GROSS MONTHLY DIRECT RELIEF EXPENDITURES

	1943-44	1942-43	1939-40
April.....	\$217,863	\$302,223	\$2,170,987
May.....	201,199	265,591	1,854,953
June.....	171,154	250,817	1,585,468
July.....	185,074	228,851	1,416,560
August.....	169,376	217,600	1,454,678
September.....	180,819	209,530	1,417,803
October.....	187,143	225,649	1,359,089
November.....	200,217	222,054	1,422,117
December.....	206,707	233,682	1,559,609
January.....	201,261	227,032	1,737,235
February.....	208,334	234,311	1,772,973
March.....	212,646	230,057	1,812,176
	<u>\$2,341,793</u>	<u>\$2,847,242</u>	<u>\$19,563,648</u>

Comparative Statement—

GROSS NUMBERS ON AID MONTHLY

	1943-44	1942-43	1939-40
April.....	18,279	30,795	301,061
May.....	17,677	27,693	264,787
June.....	16,754	24,778	225,423
July.....	16,072	22,895	209,318
August.....	15,502	21,754	201,488
September.....	15,337	18,959	195,044
October.....	15,343	19,507	183,273
November.....	15,477	18,993	177,838
December.....	15,847	18,844	189,613
January.....	16,059	18,992	212,459
February.....	16,341	19,040	220,423
March.....	16,468	18,977	220,453

MARITAL STATUS OF RELIEF CASE-LOAD

MARITAL STATUS	NUMBER OF CASES—FEBRUARY		PERCENT OF CASES—FEBR'Y	
	1944	1943	1944	1943
Province.....	8,493	9,870	100.0	100.0
Single Persons.....	1,963	2,238	23.1	22.7
Married.....	2,825	3,211	33.3	32.6
Widows.....	2,101	2,440	24.7	24.7
Widowers.....	423	517	5.0	5.2
Common Law.....	58	42	0.7	0.4
Separated.....	607	685	7.1	6.9
Deserted.....	452	537	5.3	5.4
Divorced.....	64	55	0.8	0.6
Not Accounted for.....	.....	145	.....	1.5

NUMBER OF RELIEF CASES, ACCORDING TO SIZE OF FAMILY
MONTH OF FEBRUARY, 1944 AND 1943

SIZE OF FAMILIES	TOTAL CASES		PERCENTAGE		CUMULATIVE PERCENTAGES	
	1944	1943	1944	1943	1944	1943
Province.....	8,493	9,870	100.0	100.0	100.0	100.0
Families of 2.....	1,518	1,849	17.9	18.7	17.9	18.7
“ “ 3.....	566	708	6.7	7.2	24.6	25.9
“ “ 4.....	380	425	4.5	4.3	29.1	30.2
“ “ 5.....	297	309	3.5	3.2	32.6	33.4
“ “ 6.....	171	205	2.0	2.1	34.6	35.5
“ “ 7.....	126	113	1.5	1.1	36.1	36.6
“ “ 8.....	69	86	0.8	0.9	36.9	37.5
“ “ 9.....	46	44	0.5	0.4	37.4	37.8
“ “ 10 plus.....	44	52	0.5	0.5	37.9	38.4
Single Individuals.....	5,276	5,934	62.1	60.1	100.0	98.5
Not Accounted for.....	.....	145	.....	1.5	.....	100.0

AGE DISTRIBUTION OF CASE-LOAD, FEBRUARY, 1944

AGE GROUP	NUMBER OF CASES			PERCENTAGES		
	CASE-LOAD	HEADS OF FAMILIES	SINGLE INDIVIDUALS	CASE-LOAD	HEADS OF FAMILIES	SINGLE INDIVIDUALS
Province.....	8,493	3,217	5,276	100.0	100.0	100.0
70 years and over....	930	223	707	11.0	6.9	13.4
65-69.....	2,518	641	1,877	40.6	26.8	49.0
60-64.....	1,363	371	992	56.6	38.3	67.8
50-59.....	1,425	474	951	73.4	53.0	85.8
40-49.....	920	501	419	84.2	68.6	93.7
30-39.....	803	592	211	93.7	87.0	97.7
29 years and under.	534	415	119	100.0	100.0	100.0

**AGE DISTRIBUTION OF ALL PERSONS IN RECEIPT
ACCORDING TO SEX—FEBRUARY, 1944**

AGE GROUP	TOTAL PERSONS	MALES	FEMALES	PERCENTAGES OF TOTAL	
				MALES	FEMALES
Province.....	16,341	6,629	9,712	40.6	59.4
70 years and over.....	1,022	515	507	50.4	49.6
65-69.....	2,862	1,099	1,763	38.4	61.6
60-64.....	1,647	581	1,066	35.3	64.7
50-59.....	1,782	598	1,184	33.6	66.4
40-49.....	1,225	441	784	36.0	64.0
30-39.....	1,194	335	859	28.1	71.9
20-29.....	1,062	261	801	24.6	75.4
15-19.....	587	242	345	41.2	58.8
10-14.....	1,719	918	801	53.4	46.6
5-9.....	1,785	889	896	49.8	50.2
4 years and under.....	1,456	750	706	51.5	48.5

**REASONS ASSISTANCE BEING GRANTED
CASE-LOAD—MONTH OF FEBRUARY, 1944 AND 1943**

Province.....	NUMBER OF CASES		PERCENTAGE OF CASES	
	1944	1943	1944	1943
Province.....	8,493	9,870	100.0	100.0
Reasons Other than Health.....	1,252	1,079	14.7	10.9
Major Health Reasons.....	7,241	8,646	85.3	87.6
Cases Not Classified.....	.....	145	.....	1.5

(a) Reasons for Assistance Being Granted, Other than Health Reasons

Province.....	1,252	1,079	100.0	100.0
Desertion.....	265	285	21.2	26.4
Widowhood.....	178	17	14.2	1.6
Imprisonment.....	151	122	12.1	11.3
Separation.....	133	135	10.6	12.5
Illegitimacy.....	114	96	9.1	8.9
Orphanhood.....	16	21	1.3	1.9
Temporary Aid.....	75	125	6.0	11.6
Miscellaneous.....	320	278	25.5	25.8

(b) Major Health Reasons

Province.....	7,241	8,646	100.0	100.0
Circulation.....	1,772	1,985	24.5	23.0
Senility, Age, etc.....	1,172	1,869	16.1	21.6
Rheumatism, etc.....	982	1,182	13.6	13.7
Nervous Disorders.....	579	756	8.0	8.7
Digestion.....	495	329	6.9	3.8
Respiratory, etc.....	430	401	6.0	4.6
Mental, etc.....	382	583	5.3	6.7
Diseases of Bones.....	369	*	5.1	*
Handicap, etc.....	199	490	2.7	5.7
Diseases of Blood.....	159	169	2.2	2.0
Acute Sickness.....	137	99	1.9	1.1
Genito-urinary.....	117	94	1.6	1.1
Injuries, Accidents, etc.....	103	82	1.4	0.9
Tuberculosis.....	95	178	1.3	2.1
Cancer.....	88	129	1.2	1.5
Reasons Not Specified Above.....	162	300	2.2	3.5

*Number not specified, February, 1943.

**MAJOR HEALTH REASONS SHOWN IN PERCENTAGES,
ACCORDING TO AGE—FEBRUARY, 1944**

TYPE OF AILMENT	TOTAL CASES	PERCENTAGES					29 AND UNDER
		70 AND OVER	60-69	50-59	40-49	30-39	
Province.....	7,235	12.5	51.8	18.0	9.8	5.9	2.0
Circulation.....	1,772	5.7	64.5	19.9	6.5	2.7	0.7
Senility and Age, etc.....	1,166	50.8	47.5	1.2	0.3	0.2	.....
Rheumatism, etc.....	982	7.1	57.9	19.9	9.1	5.3	0.7
Nervous Disorders.....	579	3.5	48.1	21.6	15.4	8.5	2.9
Digestion.....	495	5.3	52.7	23.6	10.5	6.1	1.8
Respiratory, etc.....	430	4.4	52.1	21.2	13.5	6.5	2.3
Mental, etc.....	382	2.6	35.4	27.2	17.5	13.1	4.2
Disease of Bones.....	369	4.6	38.8	25.2	19.2	9.8	2.4
Handicap, etc.....	199	7.0	46.7	23.2	13.1	7.5	2.5
Disease of Blood.....	159	3.8	52.8	23.9	12.6	3.8	3.1
Acute Sickness.....	137	2.9	16.1	9.5	23.4	29.9	18.2
Genito-urinary.....	117	6.8	52.2	17.9	12.8	9.4	0.9
Injuries, etc.....	103	2.9	43.7	14.6	17.5	18.4	2.9
Tuberculosis.....	95	2.1	29.5	24.2	20.0	14.7	9.5
Cancer.....	88	3.4	62.5	25.0	8.0	1.1	.....
Health Reasons Not Specified.....	162	4.9	31.5	19.1	16.1	16.1	12.3

**FORMS OF ASSISTANCE INTO HOME ADDITIONAL TO DIRECT
RELIEF—FEBRUARY, 1944 AND 1943**

TYPE OF ASSISTANCE	TOTAL CASES		PERCENTAGE OF CASES	
	1944	1943	1944	1943
Province.....	1,110	1,060	100.0	100.0
Old Age Pensions.....	514	703	46.3	66.3
Mothers' Allowances.....	164	197	14.8	18.6
Blind Pensions.....	49	50	4.4	4.7
Workmen's Compensation.....	35	25	3.2	2.4
Veterans' Allowance.....	30	50	2.7	4.7
Miscellaneous Forms of Aid.....	318	35	28.6	3.3

TOTAL NUMBER ON RELIEF BY COUNTRY OF BIRTH—FEBRUARY, 1944

COUNTRY	HEADS	SINGLES	WIVES OR HOME- MAKERS	CHILDREN AND OTHER DEPEND'TS	TOTAL	PERCENT-
						AGE
Province.....	3,217	5,276	1,628	6,220	16,341	100.0
Canada.....	2,222	2,955	1,032	6,107	12,316	75.4
British.....	624	1,415	378	53	2,470	15.1
Other Countries.....	371	906	218	60	1,555	9.5

OLD AGE PENSIONS

Fiscal Year 1943-44

SUMMARY

	PAY LIST 1942-43	PAY LIST 1943-44	GRANTED	REINSTATE- MENTS	TRANS- FERS	CANCEL- LATIONS
Counties.....	27,020	26,278	2,717	323	17	3,799
Cities.....	24,098	23,338	2,463	376	17	3,617
Towns.....	795	770	85	8	1	118
Districts.....	4,844	4,793	554	45	6	663
Other Provinces.....	832	977	.....	6	313	270
TOTALS.....	57,692	56,156	5,819	758	354	8,467

NUMBER OF CASES DEALT WITH IN FISCAL YEAR

1943-44 = 19,793

	GRANTED	REINSTATE- MENTS AND TRANSFERS	IN- ELIGIBLE	CAN- CELLED	REDUC- TIONS	IN- CREASES	FORMER DECISION SUSTAINED
Counties.....	2,717	340	511	3,799	229	1,636	85
Cities.....	2,463	393	350	3,617	275	775	56
Towns.....	85	9	15	118	6	31	4
Districts.....	554	51	87	663	41	200	10
Other Provinces.....	.....	319	.....	270	8	76	.....
TOTALS.....	5,819	1,112	963	8,467	559	2,718	155

PENSIONS FOR THE BLIND

Fiscal Year 1943-44

SUMMARY

	NO. ON PAY LIST MAR. 31, 1943	NO. ON PAY LIST MAR. 31, 1944	GRANTED	RE- INSTATE- MENTS	TRANS- FERS	CANCELLATIONS	
						DEATH	OTHER REASONS
Counties.....	675	643	45	5	1	47	36
Cities.....	650	629	47	2	....	32	38
Towns.....	23	25	3	1	....	1	1
Districts.....	139	137	7	1	....	8	2
Other Provinces.....	15	15	....	....	8	3	5
TOTALS.....	1,502	1,449	102	9	9	91	82

.NUMBER OF CASES DEALT WITH, 1943-44 (Fiscal)

ELIGIBLE	INELIGIBLE	CANCELLATIONS	REDUCTIONS	INCREASES	TOTAL
120	40	173	14	12	359

STATISTICAL REPORT (Concl'd)

No. of Beneficiaries on Pay List—March 31, 1943.....	7,982	
March 31, 1944.....	7,527	
Decrease During Fiscal Year.....	<u>455</u>	
No. of Beneficiaries on Pay List—March 31, 1944.....	7,527	No. of CHILDREN
Part of Year, but Later		15,488
Cancelled.....	1,649	2,544
TOTALS.....	<u>9,176</u>	<u>18,032</u>

Average Number of Children per Family..... 1.96

No. of Families in:		No. OF CHILDREN	AVERAGE No. OF CHILDREN
Cities— Active.....	3,563	6,655	1.86
Cancelled.....	822	1,167	1.41
Towns— Active.....	112	229	2.04
Cancelled.....	16	27	1.68
Districts—Active.....	842	2,022	2.40
Cancelled.....	159	289	1.81
Counties—Active.....	3,010	6,582	2.18
Cancelled.....	652	1,061	1.62
TOTALS.....	<u>9,176</u>	<u>18,032</u>	<u>1.96</u>

COUNTRY OF BIRTH	ACTIVE	CANCELLED	TOTAL
Canada.....	5,193	1,108	6,301
British.....	1,509	346	1,855
Others Naturalized.....	825	195	1,020
TOTALS.....	<u>7,527</u>	<u>1,649</u>	<u>9,176</u>

PERCENTAGE:			
Canada.....	68.99%	67.19%	68.67%
British.....	20.05	20.38	20.21
Others Naturalized.....	10.96%	11.83%	11.12%
TOTALS.....	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>

CAUSE OF DEATH	ACTIVE	CANCELLED	TOTAL
Tuberculosis.....	409	79	488
Cancer.....	555	121	676
Others.....	4,306	916	5,222
TOTALS.....	<u>5,270</u>	<u>1,116</u>	<u>6,386</u>

CAUSE OF INCAPACITATION	ACTIVE	CANCELLED	TOTAL
Tuberculosis.....	420	144	565
Cancer.....	16	5	21
Mental.....	207	38	245
Epilepsy.....	18	8	26
Others.....	1,083	190	1,272
TOTALS.....	<u>1,744</u>	<u>385</u>	<u>2,129</u>

REPORT *re* CHILDREN IN CARE

STATISTICS	OTHER SOCIETIES'		
	WARDS	WARDS	NON-WARDS
Total Children in Care at First of Year....	8,618	699	3,212
Children Admitted to Care During Year...	2,153	277	3,908
Children Discharged During Year.....	1,483	299	3,429
Total Children in Care at End of Year.....	9,288	677	3,691

TYPE OF CARE	END OF YEAR		
	WARDS	OTHER SOCIETIES' WARDS	NON-WARDS
Shelter.....	383	3	146
Boarding Home.....	4,440	88	1,024
Adoption Probation.....	515	134	1,843
Wage Home.....	664	30	35
Free Home.....	2,358	407	499
Other Institutions:			
Placed for Specific Care Under Direct Supervision.....	521	12	131
Mental Hospital.....	237	1	1
Correctional Institution.....	170	2	12
TOTALS.....	9,288	677	3,691

FIELD WORK

Visits <i>re</i> All Children in Care.....	99,281
Office Interviews <i>re</i> All Children in Care.....	41,714
Attendance on Children—Mental Health.....	1,592
Medical.....	9,570
Dental.....	3,677
Children in Care Contacted in Office or on Visit During Year.....	35,727
First Placements of Children.....	4,122
Replacements of Children (One Home to Another Home).....	4,482
Children Returned to the Shelter.....	1,070
Foster Home Investigations (Involving 7,331 Visits).....	3,728
Replacements, Shelter to Foster Home.....	1,312
Visits in Search of Foster Homes.....	3,486

INDUSTRIAL SCHOOLS

Investigations for Industrial Schools—Before Commitment.....	200
Before Parole.....	163

ADOPTION

Investigations for Final Adoption.....	1,638
Final Adoption Orders Obtained.....	1,724

WAR SERVICES REPORT

NUMBER OF:	C.O.R.B. Children	TRANSFERRED		RET'D TO UNITED KINGDOM	TOTAL
		FROM PRIVATE CARE			
Children Under Supervision....	574	125	28	671	
Visits.....	3,281	186	....	3,467
Office Interviews.....	1,403	94	....	1,497
Letters to Parents.....	2,900	21	....	2,921
Attendances <i>re</i> Children:					
Medical.....	386	9	....	395
Dental.....	95	4	....	99
Mental.....	34	....	....	34
Replacements.....	115	1	....	116
Foster Home Investigations....	42	....	....	42

REPORT *re* DEPENDENTS' ALLOWANCE BOARD

NUMBER OF:	INVESTIGATION RE ELIGIBILITY FOR ALLOWANCE	ADMINISTRA- TION OF ALLOWANCE	SUPERVISION OF SOLDIERS' FAMILIES
Cases Open on First of Year.....	235	409	833
Cases Opened or Reopened During Year	1,155	249	1,387
Cases Closed During Year.....	1,196	175	808
Cases Open at End of Year.....	194	483	1,412
Children Involved.....	830	2,630	7,261
Visits Made.....	2,615	6,231	8,409
Office Interviews.....	1,238	4,154	3,826

REPORT *re* DEPENDENTS' BOARD OF TRUSTEES

NUMBER OF:	SUPPLE- MENTARY GRANTS	COMPAS- SIONATE LEAVE
Cases Open on First of Year.....	2,073	43
Cases Open or Reopened During Year.....	10,481	220
Cases Completed.....	9,246	203
Cases Open at End of Year.....	3,308	60
Visits Made.....	16,223	597
Office Interviews.....	6,530	182
Reports Forwarded.....	10,044	224
Grants Administered.....	1,020	.....

REPORT *re* DEPARTMENT OF PENSIONS AND NATIONAL HEALTH

Investigations <i>re</i> Pensions:	
Soldier Deceased.....	26
Soldier Discharged for Disability.....	5
Investigations <i>re</i> War Veterans' Allowances.....	57

STATISTICAL REPORT

THE CHILDREN OF UNMARRIED PARENTS' ACT

COMPARATIVE REPORT SHOWING NUMBER OF CASES DEALT WITH
FROM JULY, 1921, TO MARCH 31, 1944

1921—July 1, 1921, to October 31, 1921.....	102 cases
1921—1922—October 31, 1921, to October 31, 1922.....	672 "
1922—1923—October 31, 1922, to October 31, 1923.....	1,162 "
1923—1924—October 31, 1923, to October 31, 1924.....	1,205 "
1924—1925—October 31, 1924, to October 31, 1925.....	1,347 "
1925—1926—October 31, 1925, to October 31, 1926.....	1,705 "
1926—1927—October 31, 1926, to October 31, 1927.....	1,724 "
1927—1928—October 31, 1927, to October 31, 1928.....	1,865 "
1928—1929—October 31, 1928, to October 31, 1929.....	1,886 "
1929—1930—October 31, 1929, to October 31, 1930.....	2,180 "
1930—1931—October 31, 1930, to October 31, 1931.....	2,250 "
1931—1932—October 31, 1931, to October 31, 1932.....	2,148 "
1932—1933—October 31, 1932, to October 31, 1933.....	2,248 "
1933—1934—October 31, 1933, to October 31, 1934.....	1,954 "
1934—1935—October 31, 1934, to March 31, 1935.....	798 "
1935—1936—March 31, 1935, to March 31, 1936.....	2,166 "
1936—1937—March 31, 1936, to March 31, 1937.....	2,203 "
1937—1938—March 31, 1937, to March 31, 1938.....	2,401 "
1938—1939—March 31, 1938, to March 31, 1939.....	2,371 "
1939—1940—March 31, 1939, to March 31, 1940.....	2,356 "
1940—1941—April 1, 1940, to March 31, 1941.....	2,441 "
1941—1942—April 1, 1941, to March 31, 1942.....	2,800 "
1942—1943—April 1, 1942, to March 31, 1943.....	2,918 "
1943—1944—April 1, 1943, to March 31, 1944.....	3,137 "
	<hr/>
	46,039 cases

STATISTICAL REPORT (Concl'd)

NEW CASES FOR THE YEAR

From April 1, 1943, to March 31, 1944 (including 1,148 Cases from the Toronto District).....		3,137 cases
Of these.....	76 were pending. 448 have been settled. 2,613 have been closed.	
Of the cases settled.....	379 were by agreements with the Provincial Officer. 68 by court orders. 1 by private agreement approved by the Judge.	
Of the cases closed.....	1,442 no action was desired. 3 were dismissed by the court for lack of sufficient corroborative evidence. 455 were closed for lack of sufficient corroboration. 135 there was no data. 58 couples married. 162 man unknown. 245 man's whereabouts unknown. 65 man outside jurisdiction. 24 man dead. 17 man worthless. 7 criminal action taken.	
There were.....	6 varied agreements. 38 varied orders. 72 applications for orders on agreements, of which 70 were granted. 65 summons issued.	

ADOPTION STATISTICS

NUMBER OF ADOPTIONS BY MONTHS

1943—April.....	164	1943—September.....	196	1944—February.....	150
May.....	140	October.....	136	March.....	166
June.....	169	November.....	189		
July.....	140	December.....	153	TOTAL ADOPTIONS.....	<u>1,775</u>
August.....	75	1944—January.....	97		

AGES OF CHILDREN LEGALLY ADOPTED

Born—1943.....	12	Born—1929.....	47	Born—1915.....	5
1942.....	56	1928.....	41	1914.....	4
1941.....	436	1927.....	43	1913.....	7
1940.....	288	1926.....	27	1912.....	4
1939.....	116	1925.....	36	1911.....	2
1938.....	123	1924.....	21	1910.....	1
1937.....	93	1923.....	13	1908.....	1
1936.....	68	1922.....	10	1907.....	2
1935.....	61	1921.....	5	1906.....	1
1934.....	54	1920.....	5	1904.....	1
1933.....	51	1919.....	5	1903.....	1
1932.....	41	1918.....	6		
1931.....	39	1917.....	7	TOTAL.....	<u>1,775</u>
1930.....	36	1916.....	6		

CLASSIFICATIONS

Children's Aid Wards.....	218	Stepfather Adopts (Legitimate).....	149
Soldiers' Aid Commission Wards.....		Parents Divorced.....	88
Wards of Other Organizations.....		Child Adopted Second Time.....	4
Children of Unmarried Parents.....	1,403	Relatives Adopting.....	185
Abandoned Children, Foundlings.....	3	One Person Adopting.....	61
Orphaned Children.....	7	Child Over 21 Years.....	63
One Parent Living.....	124	Born Out of Wedlock, Not Under Ontario Laws.....	33
Both Parents Living.....	190	Married.....	24
Husband Adopts Wife's Child (Illeg.).....	392		

NOTE.—Many children are included in more than one of the above classifications.

FINANCIAL STATEMENT—RECEIPTS

	MUNICIPAL PAYMENTS			MAINT'NCE FROM PARENTS AND OTHERS			PROVINCIAL PAYMENTS						PRIVATE		SUNDRY		TOTAL RECEIPTS FROM ALL SOURCES	
	MAINT'NCE FROM OUTSIDE FACILITIES		GRANT FROM MUNICIPALITY	MAINT'NCE FROM PARENTS AND OTHERS		GRANT	MILEAGE		PAYMENT FOR WARDS		DONATIONS, MEMBERSHIPS, ETC.		INTEREST FROM REQUESTS		SUNDRY		TOTAL RECEIPTS FROM ALL SOURCES	
	\$	c.	\$	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
Algoma	17,282.53			894.75		1,500.00	343.39		7,017.75		78.45		157.87		1,239.00		31,889.98	
Brant	13,880.00		231.85	3,376.24		1,500.00	137.72		1,075.00		2,750.62		1,587.07		1,635.75		30,191.95	
Bruce	387.25		5,800.00	1,890.99		1,000.00	333.73		406.41		9.90		427.40		69.43		10,324.21	
Cochrane	4,009.42		2,775.00	1,890.99		1,500.00	333.73		406.41		9.90		427.40		69.43		10,324.21	
Dufferin	3,180.75		1,360.00	585.62		1,500.00	71.89		9,430.50		2,357.09		34.52		3,452		21,430.23	
Elgin	18,069.58		2,000.00	3,210.00		1,500.00	321.00		274.50		1,311.77		2,35		3,336.27		32,879.85	
Frontenac	6,267.79		3,570.33	95.00		1,500.00	486.54		3,310.98		199.04		1,671.74		549.75		17,776.44	
Grey	19,126.75		74.55	4,604.01		1,500.00	63.76		332.25		53.65		168.00		9,079.35		39,007.47	
Haldimand	5,881.00		4,700.00	736.25		1,500.00	107.18		332.25		53.65		168.00		9,079.35		39,007.47	
Halton and Peel	10,161.21		2,035.00	1,096.80		1,000.00	117.25		117.25		940.47		118.75		1,166.42		16,990.41	
Hamilton	59,662.71		101.20	444.85		1,000.00	110.28		49.00		3,039.83		3,229.83		3,229.83		69,436.77	
Hastings	27,288.97		5,814.75	2,181.50		2,000.00	246.12		218.00		49.00		200.00		24,065.16		99,417.73	
Huron			6,776.40	2,797.27		1,500.00	147.36		378.50		967.52		2,000.00		*23,587.44		60,848.56	
Kenora	618.35		50.00	401.75		1,500.00	254.56		61.19		739.23		67.50		881.34		60,848.56	
Kent	15,081.35		821.70	4,566.97		1,000.00	38.15		6,119.25		00.00		721.50		1,081.79		14,674.80	
Lambton			22,500.00	3,799.47		1,000.00	88.01		3,462.44		135.89		1,269.07		1,081.79		20,962.61	
Lanark	2,495.25		10,800.00	2,826.97		1,500.00	229.32		57.25		3,462.44		1,269.07		1,081.79		20,962.61	
Leeds and Grenville	21,334.92		4,200.00	2,580.50		1,000.00	229.32		57.25		3,462.44		1,269.07		1,081.79		20,962.61	
Lennox and Addington	17,598.37		1,553.00	1,167.00		1,500.00	34.88		1,214.35		15.00		334.93		720.73		17,653.73	
Lincoln	44,443.67		1,000.00	1,167.00		1,500.00	34.88		1,214.35		15.00		334.93		720.73		17,653.73	
London and Middlesex	000.00		1,569.92	3,379.83		1,500.00	56.48		369.70		2,143.21		2,913.40		6,096.05		41,900.43	
Manitowlin			682.00	000.00		1,500.00	00.00		00.00		2,083.33		3,425.10		2,913.40		30,998.37	
Muskoka	338.31		8,900.00	000.00		1,500.00	00.00		00.00		2,083.33		3,425.10		2,913.40		30,998.37	
Nipissing	13,282.85		682.00	350.00		1,000.00	1,139.88		00.00		1,186.37		30.00		376.95		15,353.51	
Norfolk	26,972.56		500.00	1,446.26		1,500.00	27.36		3,323.25		638.72		826.23		1,102.42		39,849.85	
Northumberland and Durham	9,298.15		5,000.00	156.40		1,500.00	369.04		1,202.58		1,202.58		826.23		3,782.40		39,849.85	
Ontario	23,887.32		8,900.00	5,302.05		1,000.00	168.61		1,307.32		1,307.32		826.23		3,782.40		39,849.85	
Ottawa and Carleton	123,653.44		8,900.00	4,169.97		1,500.00	126.97		35,529.13		9.00		609.85		954.65		30,689.30	
Oxford	10,007.47		290.00	5,927.01		1,500.00	113.40		208.00		9.00		609.85		954.65		30,689.30	
Perry Sound	1,098.00		2,250.00	1,400.75		1,500.00	237.30		188.33		13.40		227.82		1,784.61		19,032.21	
Perth	4,633.75		2,250.00	380.25		1,500.00	195.80		1,883.25		9.00		609.85		954.65		30,689.30	
Peterborough	11,593.50		1,000.00	84.75		1,500.00	23.52		1,883.25		9.00		609.85		954.65		30,689.30	
Peterborough	11,593.50		1,000.00	84.75		1,500.00	23.52		1,883.25		9.00		609.85		954.65		30,689.30	
Prescott and Russell	6,628.82		1,000.00	340.59		1,500.00	45.14		2,300.07		34.06		130.63		934.11		10,540.99	
Prince Edward	16,023.75		1,000.00	1,882.25		1,500.00	127.02		2,300.07		34.06		130.63		934.11		10,540.99	
Renfrew	8,156.75		704.29	549.00		1,000.00	605.84		8,096.55		23.25		2,234.92		2,234.92		15,987.00	
Simcoe	12,853.00		45,000.00	393.75		1,000.00	320.01		1,590.00		2,677.32		*13,500.64		13,500.64		32,855.27	
Stormont, Dundas and Glengarry	28,160.37		3,000.00	3,130.25		1,500.00	54.24		4,893.36		10.00		1,534.60		1,246.14		58,485.77	
Sudbury	3,321.75		2,000.00	3,925.31		1,500.00	215.46		9,473.30		10.00		1,534.60		1,246.14		58,485.77	
Temiskaming	12,278.86		1,200.00	670.75		1,500.00	730.98		9,473.30		10.00		1,534.60		1,246.14		58,485.77	
Toronto	224,734.00		23,244.00	32,783.00		1,500.00	39.93		11,659.09		477.12		3,852.00		4,284.75		33,071.78	
Victoria	13,994.63		1,553.53	2,106.20		1,500.00	634.64		1,859.00		5.03		3,852.00		4,284.75		33,071.78	
Waterloo	19,943.95		1,550.60	1,550.60		1,000.00	3,330.14		294.37		5.00		3,852.00		4,284.75		33,071.78	
Welland	2,438.44		964.36	964.36		1,000.00	127.00		294.37		5.00		3,852.00		4,284.75		33,071.78	
Wellington	22,206.17		1,000.00	6.00		1,500.00	91.04		294.37		5.00		3,852.00		4,284.75		33,071.78	
Windsor (Protestant)	37,292.30		7,674.28	6,293.75		1,500.00	15.92		127.00		5.00		3,852.00		4,284.75		33,071.78	
Windsor (Roman Catholic)	36,268.19		14,508.99	1,654.64		1,500.00	15.92		127.00		5.00		3,852.00		4,284.75		33,071.78	
York	11,474.72		88,692.00	10,281.23		1,500.00	199.77		101.95		165.00		1,161.61		3,950.50		129,438.28	
R.C. St. Vincent de Paul	85,361.24		15,611.10	23,572.40		1,500.00	199.77		101.95		165.00		1,161.61		3,950.50		129,438.28	
Totals	1,093,014.27		238,404.84	104,946.28	265,586.34		8,818.17		73,330.08		191,685.01		22,677.22		175,834.29		2,261,645.10	

FINANCIAL STATEMENT (Concl'd)—EXPENDITURES

	SHELTER		BOARDING HOMES		ALL OTHER		TOTAL		DAYS' CARE		COST PER DAY	
	\$	c	\$	c	\$	c	\$	c	SHELTER	BOARDING HOMES	SHELTER	BOARDING HOMES
Algonia.....	10,435.10		12,991.24		6,499.40		29,925.74		13,927	19,931	\$	\$
Brant.....	4,446.89		9,436.90		16,577.05		50,430.93		3,439	15,140	0.75	0.63
Bruce.....	4,372.08		2,958.70		3,919.97		10,580.81		3,141	2,825	1.28	0.62
Cochrane.....	3,291.06		10,635.38		5,032.33		21,348.87		3,895	14,944	1.39	0.79
Dufferin.....			2,625.38		2,718.05		7,343.52			5,363	1.36	0.71
Egan.....			29,579.97		10,408.78		32,988.75			30,331		0.86
Fort William.....	5,354.18		2,347.74		3,105.30		16,810.19		5,417	10,722	.99	0.78
Frontenac.....			2,481.47		16,208.30		37,687.67		3,008	31,286	1.28	0.68
Grey.....	3,868.90		13,111.00		6,643.25		15,913.05			16,400		0.82
Haldimand.....			13,124.81		9,593.44		15,718.09			13,551		0.75
Haltoun and Peel.....			17,333.16		6,583.65		16,418.38			16,599		0.80
Hamilton.....	6,221.28		67,457.32		26,300.65		100,069.95		5,092	76,219	1.22	0.88
Hastings.....			33,323.15		24,478.84		60,703.09			46,940		0.75
Huron.....			3,285.15		6,363.07		17,481.22			3,920		0.84
Kenora.....			9,109.61		5,368.49		17,481.22			12,860		0.70
Kent.....	11,250.94		17,333.16		3,223.43		22,378.53		12,623	7,521	.88	0.79
Lambton.....			17,333.16		4,265.39		31,594.00			21,322		0.81
Leamark.....			11,253.23		5,347.82		16,581.05		5,937	31,331		0.52
Leeds and Grenville.....	9,041.93		24,103.46		19,015.57		43,822.96			31,827	1.78	0.76
Lennox and Addington.....			8,318.84		2,918.97		11,237.81			9,297		0.61
Lincoln.....			20,641.45		2,273.87		29,913.32			27,014		0.76
London and Middlesex.....	12,104.89		39,688.77		15,132.58		66,986.24		13,921	48,465	.93	0.81
Manitowin.....			0,000.00		0,000.00		0,000.00			0,000		0.64
Muskoka.....			1,243.63		2,675.22		3,918.85			1,900		0.60
Nipissing.....	2,400.51		18,201.06		4,373.74		24,975.31		1,816	22,536	1.31	0.77
Norfolk.....	4,042.77		34,954.54		4,400.91		39,353.45			30,589		0.93
Northumberland and Durham.....			15,076.24		4,960.96		24,679.97		3,822	19,865	1.00	0.78
Ontario.....	9,273.94		16,417.26		4,728.39		30,419.59			23,546	1.36	0.67
Ottawa and Carleton.....	9,258.65		132,701.27		57,873.75		219,893.67		5,493	193,919	1.68	0.70
Oxford.....			9,919.97		7,155.76		17,100.93			14,770		0.67
Parry Sound.....	2,022.11		2,621.19		3,053.72		7,697.02		1,769	4,603	1.14	0.57
Perth.....	4,525.90		5,507.34		6,973.65		13,126.85		733	8,594	.87	0.62
Peterborough.....	5,767.93		10,829.37		6,173.71		21,530.98		3,716	15,618	1.21	0.69
Port Arthur.....			15,507.98		2,806.39		24,082.50			23,590	.96	0.59
Prince Edward.....			14,047.46		8,621.77		22,669.23			26,357		0.53
Prescott and Russell.....			12,664.47		2,820.37		10,683.06			12,054		0.66
Rainy River.....	3,013.39		9,198.82		18,074.84		30,257.01		2,741	18,961	1.09	0.60
Simcoe.....	10,904.74		32,893.80		16,076.94		59,875.48		6,636	38,420	1.64	0.86
Stormont, Dundas and Glengary.....			21,079.40		14,255.38		35,334.78			37,547		0.80
Sudbury.....	11,709.59		8,439.89		19,908.21		31,057.69		10,928	9,767	1.07	0.70
Teniskaming.....			28,724.98		3,759.10		34,484.08			37,425		0.55
Toronto.....	17,442.00		296,921.00		57,188.90		371,551.00		9,066	348,853	1.92	0.85
Victoria and Haliburton.....			15,901.60		9,024.39		24,925.99			20,424		0.77
Waterloo.....	7,287.19		13,325.55		9,576.60		30,189.34		11,566	22,650	.63	0.58
Welland.....	5,387.37		17,778.88		9,727.21		32,913.45			24,667	1.12	0.72
Wellington.....	4,672.75		21,077.87		21,077.87		36,085.90		2,920	18,615	1.60	0.56
Wentworth.....			14,621.98		6,337.28		20,959.26			18,181		0.80
Windsor (Protestant).....	11,146.20		46,845.78		21,960.75		68,806.53		5,481	54,978	2.03	0.85
Windsor (Roman Catholic).....	4,464.11		38,175.92		14,910.77		64,232.89			43,352		0.86
York.....	4,464.11		69,359.37		38,963.89		112,787.37		6,288	80,691	.71	0.80
R.C., St. Vincent de Paul.....	4,448.15		108,771.10		14,330.78		127,350.03		1,976	127,966	2.15	0.85
TOTALS	190,669.63		1,413,982.00		592,654.99		2,197,306.62		161,215	1,801,163	1.18	0.78

ORPHANAGES
COST OF MAINTENANCE

NAME OF ORPHANAGE	LOCATION	TOTAL COLLECTIVE DAYS' STAY OF RESIDENTS	TOTAL COST OF DIETARIES	OTHER MAINTENANCE COST	TOTAL MAINTENANCE COST	AVERAGE COST OF EACH RESIDENT PER DAY
			\$	\$	\$	\$
St. Joseph's Orphanage.....	Cobourg.....	7,013	1,559.86	5,001.97	6,561.83	0.93
Nazareth Orphanage.....	Cornwall.....	28,144	5,894.25	8,888.08	14,692.33	.52
St. Joseph's Orphanage.....	Fort William.....	37,694	8,397.80	25,134.72	33,532.52	.89
Boys' Home.....	Hamilton.....	14,862	5,738.97	8,519.65	14,278.62	.91
Girls' Home.....	Hamilton.....	11,384	5,037.08	6,740.31	11,777.42	1.03
St. Mary's Orphan Asylum.....	Hamilton.....	34,843	11,870.06	33,804.68	45,674.74	1.31
Salvation Army Hospital and Home.....	Hamilton.....	8,613	3,565.28	12,581.82	16,147.10	1.13
St. Joseph's Orphanage.....	Hearst.....	14,296	2,378.63	9,801.25	12,179.88	.85
Orphan's Home and Widows' Friendly Society.....	Kingston.....	2,956	1,064.77	6,503.18	7,627.95	2.58
St. Mary's of the Lake Orphanage.....	Kingston.....	8,033	2,557.66	9,147.71	11,735.37	1.45
Hedgewood Home.....	Kingston.....	4,001	4,780.69	6,343.59	11,124.28	1.59
Mount St. Joseph's Orphanage.....	London.....	14,379	8,741.35	12,990.95	21,732.30	1.51
Protestant Orphan's Home.....	London.....	14,782	3,111.93	12,492.20	15,604.13	1.05
Ronald Roy Gray Memorial.....	London.....	9,419	2,785.91	7,092.87	10,478.78	1.11
Salvation Army Rescue Home.....	London.....	14,225	4,163.79	19,039.73	23,203.52	1.63
Protestant Children's Villa.....	London.....	14,165	4,598.71	16,238.15	20,746.86	1.46
St. Joseph's Orphanage.....	Ottawa.....	69,313	29,779.16	51,548.58	81,327.74	1.17
St. Mary's Home.....	Ottawa.....	11,233	2,738.01	7,995.69	10,733.70	.95
St. Patrick's Home.....	Ottawa.....	20,199	4,863.75	16,030.45	20,894.20	1.03
Salvation Army Rescue Home.....	Ottawa.....	18,507	8,383.15	16,801.66	25,184.81	.98
St. Vincent's Orphanage.....	Ottawa.....	3,024	1,719.01	4,568.62	6,287.63	2.04
Loyal True Blue and Orange Home.....	Peterborough.....	40,689	7,803.09	29,632.45	37,435.54	.73
St. Agatha Orphan's Home.....	Richmond Hill.....	20,904	2,665.08	21,829.36	24,494.44	.73
Protestant Orphan's Home.....	St. Agatha.....	6,895	2,008.78	8,098.65	10,763.73	.51
Youville Orphanage.....	St. Catharines.....	17,840	3,408.05	16,375.92	18,384.70	2.60
Carmelite Orphanage.....	Sudbury.....	16,700	3,853.59	9,062.25	12,470.30	.75
Catholic Welfare Bureau.....	Toronto.....	42,846	27,486.04	22,114.72	49,600.76	1.56
Humewood House.....	Toronto.....	6,629	1,837.45	16,618.92	18,456.37	1.52
Infants' Home and Infirmary.....	Toronto.....	149,209	1,932.96	177,139.82	179,072.78	1.20
Jewish Children's Bureau.....	Toronto.....	36,371	3,772.83	36,860.94	40,633.77	1.09
Pentecostal Bethel Home.....	Toronto.....	3,388	1,135.47	2,921.80	4,057.27	1.19
Protestant Children's Home.....	Toronto.....	84,936	49,845.16	38,094.20	87,939.36	1.03
St. Mary's Infants' Home.....	Toronto.....	16,385	6,040.92	15,292.17	21,333.09	1.30
Sacred Heart Orphanage.....	Toronto.....	18,010	4,805.16	9,495.61	14,300.77	.79
Working Boys' Home.....	Toronto.....	12,775	5,771.40	12,923.20	18,694.60	1.46
Salvation Army Children's Home.....	Toronto.....	10,272	7,387.31	7,387.31	14,774.62	.88
Victor Home.....	Toronto.....	17,784	7,102.77	8,248.62	15,351.39	.86
Kitchener Orphanage.....	Waterloo.....	15,075	2,484.97	7,685.19	10,120.16	.67
Faith Haven.....	Windsor.....	5,614	1,713.40	7,473.81	9,187.21	1.64
TOTALS.....		883,458	249,734.87	713,765.82	963,500.69	

ORPHANAGES (Cont'd)
RESIDENTS

NAME OF ORPHANAGE	LOCATION	NUMBER OF BEDS	NUMBER OF RESIDENTS ON JAN. 1, 1943	NUMBER ADMITTED DURING YEAR	TOTAL NUMBER UNDER LONGMENTS DURING YR.	TOTAL NUMBER DISCHARGED DURING YEAR	NUMBER DEATHS DURING YEAR	NUMBER REMAINING IN DECEMBER 31, 1943
St. Joseph's Orphanage.....	Cobourg	26	23	9	32	16	.....	16
Nazareth Orphanage.....	Cornwall	75	61	96	157	75	.....	75
St. Joseph's Orphanage.....	Fort William	.....	112	110	222	146	.....	146
Boys' Home.....	Hamilton	37	37	27	64	27	.....	37
Girls' Home.....	Hamilton	30	33	19	52	30	.....	30
St. Mary's Orphan Asylum.....	Hamilton	110	101	74	175	88	.....	87
Salvation Army Hospital and Home.....	Hamilton	32	20	155	175	153	1	21
St. Joseph's Orphan and Widows' Friend Society.....	Hamilton	98	108	110	227	110	.....	117
Orphans' Home and Widows' Friend Society.....	Kingston	16	6	72	72	70	.....	8
St. Mary-of-the-Lake Orphanage.....	Kingston	20	24	34	62	43	.....	28
Home of the Friendless, Orphan and Infants.....	Kingston	29	24	65	89	72	.....	17
Mount St. Joseph Orphanage.....	London	125	89	92	181	104	.....	81
Protestant Orphan's Home.....	London	55	42	13	55	23	.....	32
London.....	London	26	24	13	30	24	.....	24
London.....	London	40	28	101	219	177	2	40
London.....	London	50	26	192	431	175	.....	45
Protestant Children's Village.....	Ottawa	189	248	183	431	242	.....	189
St. Joseph's Orphanage.....	Ottawa	65	48	74	122	96	2	53
St. Mary's Home.....	Ottawa	65	60	95	155	102	.....	53
St. Patrick's Home.....	Ottawa	60	54	189	243	186	.....	54
Salvation Army Rescue Home.....	Ottawa	21	17	17	34	9	.....	24
St. Vincent Orphanage.....	Peterborough	.....	118	35	118	29	.....	28
Loyal True Blue and Orange Home.....	Peterborough Hill	82	95	88	188	90	.....	58
St. Agatha Orphan's Home.....	St. Agatha	17	22	2	37	27	.....	57
Protestant Orphan's Home.....	St. Catharines	43	56	36	86	7	.....	47
Protestant Orphanage.....	Sudbury	54	41	25	66	43	.....	46
Yonville Orphanage.....	Toronto	.....	223	167	390	19	.....	57
Catholic Welfare Bureau.....	Toronto	.....	326	597	923	161	1	257
Infants' Home and Infirmary.....	Toronto	.....	103	58	161	493	1	429
Jewish Child Welfare Association.....	Toronto	.....	6	26	32	34	.....	97
Pentecostal Bethel Home.....	Toronto	13	29	33	62	34	.....	28
Protestant Children's Home.....	Toronto	60	40	209	329	424	.....	215
St. Mary's Indians' Home.....	Toronto	19	19	29	48	41	.....	7
Sacred Heart Orphanage.....	Toronto	30	32	176	237	126	.....	41
Humewood House.....	Toronto	19	19	110	140	100	.....	40
Salvation Army Children's Home.....	Toronto	30	24	11	46	16	.....	51
Victor Home.....	Toronto	46	46	110	165	116	.....	24
Working Boys' Home.....	Toronto	56	69	102	162	120	.....	42
Kitchener Orphanage.....	Waterloo	46	47	43	88	38	.....	44
Faith Haven.....	Windsor	20	35	88	123	98	.....	25
TOTALS.....		1,710	2,755	3,790	6,545	3,853	7	2,085

ORPHANAGES (Concl'd)
RECEIPTS

NAME OF ORPHANAGE	LOCATION	RECEIPTS FROM PAYING RESIDENTS		RECEIPTS FROM MUNICIPALITIES FOR INDIGENT RESIDENTS		GRANTS FROM MUNICIPALITIES, FEDERAL GOVERNMENT, ETC.		PROVINCIAL GRANT		RECEIPTS, INVESTMENTS, ENDOWMENTS, DONATIONS, ETC.		TOTAL RECEIPTS	
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
St. Joseph's Orphanage	Cobourg	269.65		492.00				403.90		5,396.28		6,561.83	
Nazareth Orphanage	Cornwall	7,192.40						1,517.10		5,982.83		14,692.33	
St. Joseph's Orphanage	Fort William	2,980.22		3,048.55		10,628.30		2,057.80		15,417.65		33,532.92	
Boys' Home	Hamilton	1,565.30		1,140.95		3,750.00		7,117.75		8,669.92		14,278.62	
Girls' Home	Hamilton	6,106.32		2,179.48		4,984.30		6,106.05		2,477.65		11,797.42	
St. Mary's Orphan Asylum	Hamilton	9,172.25		7,622.34		12,507.44		1,916.05		17,519.59		45,674.74	
Salvation Army Hospital and Home	Hamilton	4,153.94		104.00				6,890.60		6,315.25		16,147.10	
St. Joseph's Orphanage	Hearst	1,381.91		285.00				1,057.05		6,322.19*		12,179.88	
Orphans' Home and Widows' Friend Society	Kingston	1,953.57		1,255.07				280.75		6,962.30		7,622.95	
Hedgewood House	Kingston	2,228.75		30.00				451.35		3,363.51		11,735.37	
Mount St. Joseph's Orphanage	Kingston	4,378.81		1,117.30				1,784.55		14,520.41		21,732.30	
Protestant Orphans' Home	London	3,328.95		2,000.00				824.15		8,862.41		15,604.13	
Ronald Roy Gray Memorial Home	London	5,458.91						496.50		6,635.53		10,478.78	
Salvation Army Rescue Home	London	3,253.36		500.00				1,245.25		13,180.66		23,203.52	
Protestant Children's Village	Ottawa	1,690.01		441.40				646.00		14,504.10		20,746.86	
St. Joseph's Orphanage	Ottawa	3,953.76		10,764.60				3,855.55		46,717.58		81,327.74	
St. Patrick's Home	Ottawa	3,496.36		291.00				899.17		5,381.17		10,733.70	
Salvation Army Rescue Home	Ottawa	3,116.90		241.00				1,035.70		12,762.31		20,894.20	
St. Vincent's Orphanage	Ottawa	8,396.76		773.00				1,548.29		15,163.56		30,801.66	
Loyal True Blue and Orange Home	Peterborough	2,653.19		200.00				321.75		1,270.00		6,287.63	
St. Agatha Orphans' Home	Pitchmond Hill	1,493.88						1,654.55		18,870.14		20,632.45	
Protestant Orphans' Home	St. Agatha	2,317.71						1,031.75		7,414.27		10,763.73	
Youville Orphanage	St. Catharines	2,853.55						986.40		15,343.51		18,484.70	
Carmelite Orphanage	Sudbury	15,536.06		6,200.03				851.40		13,031.63		23,968.31	
Catholic Welfare Bureau	Toronto	1,856.83		13,380.70				8,212.15		6,875.35		44,104.96	
Humewood House	Toronto	29,197.12		80,468.55				513.25		61,577.76		10,054.90	
Infants' Home and Infirmary	Toronto	4,018.85				6,070.12		7,423.55		28,463.80		40,632.78	
Jewish Children's Bureau	Toronto	1,856.00						2,421.00		28,463.80		40,632.78	
Pentecostal Bethel Home	Toronto	34,496.65		17,009.84				4,314.15		1,346.52		4,057.77	
St. Mary's Infants' Home	Toronto	1,252.43		2,213.16				1,638.30		31,658.57		37,936.56	
Sacred Heart Orphanage	Toronto	4,494.75		400.00				1,831.95		16,808.60		21,333.90	
Working Boys' Home	Toronto	14,140.44						1,223.50		9,524.07		18,694.70	
Salvation Army Children's Home	Toronto	3,353.75						1,204.70		2,630.66		9,657.88	
Victor Home	Toronto	1,802.33						1,287.75		12,203.43		15,351.39	
Kitchener Orphanage	Waterloo	4,790.94						743.89		4,583.37		10,120.10	
Faith Haven	Windsor	5,159.16						1,068.35		2,959.70		9,187.21	
TOTALS		239,243.62		161,104.97		39,378.76		58,155.22		465,617.82		963,500.69	

HOUSES OF REFUGE AND HOMES FOR THE AGED

January 1 to December 31, 1943

County Houses of Refuge or Homes for the Aged

FINANCIAL STATEMENT

RECEIPTS

NAME	LOCATION	COUNTY	FARM, GARDEN STOCK, ETC.		INTEREST, DONATIONS, BEQUESTS, LOANS, ETC.		MUNICIPALITIES		PAYING RESIDENTS		PENSIONERS, BLIND OR O.A.P.		PROVINCIAL GOVERNMENT	NET LOSS	ALL OTHERS	CASH ON HAND, JAN. 1, 1943	TOTAL
			\$	c.	\$	c.	\$	c.	\$	c.	\$	c.						$	c.
Brant	Brantford	4,419.73	668.99	9,453.61							2,314.75					1,045.07	17,882.15
Bruce	Walkerton	9,398.35	2,009.85							1,691.49	5,983.24						18,882.63
Elgin	St. Thomas	6,859.00	3,618.00		90.00				90.00	1,923.00	1,973.00			90.00			12,632.00
Essex	Leamington	11,797.49	6,972.85							1,238.73	5,534.97			1,190.00			26,711.06
Grey	Markdale	13,074.13	1,958.04	4,814.98						1,243.98	3,410.93			32.38			26,027.44
Haldimand	Dunnville	6,349.53	2,767.51							785.81	3,734.00			540.00			14,406.85
Hastings	Bellefleur	10,483.83	726.34							1,982.28	8,720.33			29.04			21,691.82
Huron	Clinton	13,500.00	1,430.13		20.07					1,913.02	6,650.98						22,823.29
Kenit	Chatham	10,620.37	1,750.45							100.00	8,834.16			1,030.31		2,159.39	21,679.99
Lambton	Sarnia	9,782.73	962.51							604.87	2,453.35						22,823.29
Lanark	Perth	10,378.45	2,502.31	735.49						716.71	8,937.44			18.27			13,863.46
Leeds and Grenville	Athens	4,652.94	1,178.34							1,346.00	3,363.78						23,488.07
Lincoln	St. Catharines	6,395.40	5,453.29	2,623.47						253.77	5,802.58			91.09			20,589.00
Middlesex	Strathroy	9,735.45	1,091.45							277.57	1,737.03			1,144.70			13,986.20
Norfolk	Simcoe	7,800.00	1,091.39	2,803.51						951.00	5,603.91			10.78			18,172.39
Northumberland and Durham	Cobourg	12,569.42	1,471.07		.99					2,937.49	9,646.18		969.50				42,860.84
Ontario	Whitby	11,331.00	10,336.81	3,177.30						1,135.38	6,000.50			163.64		1,075.82	18,070.69
Oxford	Woodstock	5,000.00	4,695.35							4,949.20	6,772.53			195.54		2,087.23	22,586.13
Peel and Halton	Brampton	8,000.00	581.63							1,231.36	4,233.25			14.25			12,929.98
Perth	Stratford	4,843.87	951.07	1,492.70						783.55	2,458.10						6,748.44
Peterborough	Lakefield	2,377.51	929.28								3,439.50						17,854.86
Prince Edward	L. Original	13,491.01	924.35							202.67	6,181.52						31,695.58
Simcoe	Benton	10,109.63	3,882.12							2,924.27	5,134.44						23,673.48
Stornont, Doudas and Glengarry	Corwall	16,653.08	7,854.30							1,501.66	5,528.26						31,010.63
Victoria	Lindsay	6,096.84	4,602.23	1,218.50						1,013.33	3,088.90		511.00				19,741.65
Waterloo	Kitchener	13,864.91	13,603.42	15,053.75	3.00					2,077.71	12,916.44			37.61		4,302.81	60,959.65
Welland	Welland	12,725.09	782.70	1,996.80						360.29	5,721.00			443.27			22,029.15
Wellington	Fergus	4,150.00	1,000.00							1,487.69	7,300.00					626.37	14,564.06
Wentworth	Dundas	11,901.98	2,008.00							2,621.33	6,956.14						21,687.45
York	Newmarket	13,589.93	4,547.83							895.20	6,200.81						25,253.77
TOTALS		287,714.46	91,500.96	43,350.11	277.54					38,223.77	182,584.70		1,480.50	887.07	5,920.08	12,598.54	663,569.73

FINANCIAL STATEMENT (Cont'd)
DISBURSEMENTS

NAME	LOCATION	BUILD- INGS AND REPAIRS		CLOTH- ING, SHOES, ETC.		FARM, GARDEN, SUPPLIES, EQUIP- MENT		FARM, FEED, STOCK, ETC.		FOOD AND PROVI- SIONS		FUEL AND HEAT- ING		FUNERAL EXPENSE, RESI- DENTS		HOUSE FURNI- SHING, BEDDING, LAUNDRY, ETC.		INSUR- ANCE PREMI- UMS OR UN- EXPIRED		LIGHT AND POWER		MANAGE- MENT EXPENSE, ETC.		MEDICAL DOCTOR'S SALARY			
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
Brant County Home.....	Brantford	933.60	09	408.09	09	894.60	09	179.50	50	4,956.67	67	1,197.32	32	2,826.84	84	193.41	41	296.19	19	577.40	40	600.00	00	364.37	37	300.00	00
Bruce.....	Walkerton	584.24	24	463.76	76	2,899.71	71	3,580.00	00	4,377.92	92	1,706.89	89	455.99	99	94.50	50	198.00	00	160.00	00	300.00	00	364.37	37	200.00	00
Elgin.....	St. Thomas	310.76	76	233.00	00	847.00	00	2,218.95	95	2,142.00	00	1,550.38	38	260.00	00	492.00	00	292.99	99	593.45	45	428.00	00	160.00	00	300.00	00
Essex.....	Leamington	843.07	07	535.11	11	604.82	82	1,939.19	19	4,812.27	27	1,382.21	21	1,684.28	28	267.15	15	305.45	45	827.05	05	428.00	00	593.45	45	275.00	00
Grey.....	Markdale	112.19	19	680.64	64	3,817.60	60	1,770.91	91	2,590.53	53	700.19	19	175.00	00	176.46	46	212.00	00	210.00	00	400.00	00	320.00	00	200.00	00
Haldimand.....	Dunnville	1,174.89	89	830.58	58	181.48	48	2,328.50	50	7,747.00	00	1,714.71	71	1,044.31	31	80.45	45	238.50	50	210.00	00	400.00	00	320.00	00	200.00	00
Hastings.....	Belleville	4,505.97	97	1,248.81	81	1,952.08	08	2,601.98	98	6,396.91	91	1,810.99	99	635.00	00	876.63	63	1,124.79	79	716.73	73	360.00	00	692.30	30	300.00	00
Huron.....	Clinton	364.19	19	291.38	38	1,042.39	39	1,042.39	39	3,911.92	92	1,156.98	98	224.00	00	461.56	56	107.48	48	256.00	00	300.00	00	436.90	90	400.00	00
Kent.....	Chatham	1,998.34	34	273.84	84	359.23	23	2,041.24	24	7,150.91	91	2,969.63	63	113.75	75	573.23	23	325.71	71	545.65	65	300.00	00	436.90	90	400.00	00
Lanark.....	Sarnia	1,190.72	72	292.28	28	1,177.27	27	3,089.94	94	1,836.41	41	1,770.81	81	100.00	00	256.22	22	193.97	97	50.00	00	245.00	00	300.00	00	250.00	00
Lanark.....	Perth	1,798.05	05	813.37	37	708.36	36	3,089.94	94	3,611.94	94	800.29	29	1,136.03	03	193.97	97	173.07	07	50.00	00	245.00	00	300.00	00	250.00	00
Leeds and Grenville.....	Athens	941.50	50	838.28	28	31.89	89	2,193.60	60	4,225.57	57	1,490.54	54	279.00	00	299.31	31	44.70	70	57.36	36	240.00	00	300.00	00	250.00	00
Lincoln.....	Strathroy	1,911.61	61	838.28	28	31.89	89	2,193.60	60	4,225.57	57	1,490.54	54	279.00	00	299.31	31	44.70	70	57.36	36	240.00	00	300.00	00	250.00	00
Middlesex.....	Simcoe	1,526.68	68	2,050.82	82	948.19	19	6,384.76	76	16,053.12	12	2,229.66	66	650.00	00	328.39	39	725.10	10	973.06	06	300.00	00	897.05	05	500.00	00
Norfolk.....	Cobourg	822.03	03	299.80	80	1,964.48	48	3,191.59	59	3,594.18	18	1,325.33	33	175.00	00	242.65	65	328.39	39	312.92	92	463.16	16	882.50	50	300.00	00
Northumberland and Durham.....	Whitby	1,964.48	48	1,764.55	55	1,479.94	94	3,191.59	59	4,769.04	04	1,867.89	89	240.65	65	373.97	97	179.61	61	1,292.90	90	300.00	00	897.05	05	500.00	00
Oxford.....	Woodstock	619.63	63	1,170.88	88	1,479.94	94	3,191.59	59	4,769.04	04	1,867.89	89	240.65	65	373.97	97	179.61	61	1,292.90	90	300.00	00	897.05	05	500.00	00
Peel and Halton.....	Brampton	777.45	45	1,479.94	94	1,479.94	94	3,191.59	59	4,769.04	04	1,867.89	89	240.65	65	373.97	97	179.61	61	1,292.90	90	300.00	00	897.05	05	500.00	00
Peterborough.....	Stratford	1,333.82	82	430.16	16	1,260.48	48	3,885.83	83	2,428.22	22	1,598.26	26	30.00	00	378.57	57	62.50	50	419.37	37	500.00	00	524.92	92	200.00	00
Prescott and Russell.....	Lakefield	532.09	09	202.87	87	313.75	75	3,885.83	83	2,428.22	22	1,598.26	26	30.00	00	378.57	57	62.50	50	419.37	37	500.00	00	524.92	92	200.00	00
Prince Edward.....	L'Orignal	2,814.51	51	671.02	02	1,260.48	48	3,885.83	83	2,428.22	22	1,598.26	26	30.00	00	378.57	57	62.50	50	419.37	37	500.00	00	524.92	92	200.00	00
Simcoe.....	Beeton	532.09	09	202.87	87	313.75	75	3,885.83	83	2,428.22	22	1,598.26	26	30.00	00	378.57	57	62.50	50	419.37	37	500.00	00	524.92	92	200.00	00
Stormont, Dundas and Glengarry.....	Cornwall	1,724.83	83	1,277.06	06	223.06	06	1,183.87	87	8,523.65	65	2,291.92	92	383.10	10	648.29	29	663.63	63	466.00	00	500.00	00	524.92	92	200.00	00
Victoria.....	Lindsay	1,469.95	95	1,291.55	55	810.94	94	1,183.87	87	8,523.65	65	2,291.92	92	383.10	10	648.29	29	663.63	63	466.00	00	500.00	00	524.92	92	200.00	00
Waterloo.....	Kitchener	3,177.80	80	1,291.55	55	810.94	94	1,183.87	87	8,523.65	65	2,291.92	92	383.10	10	648.29	29	663.63	63	466.00	00	500.00	00	524.92	92	200.00	00
Welland.....	Welland	519.08	08	451.83	83	228.58	58	2,010.56	56	4,716.45	45	1,544.74	74	258.00	00	505.99	99	252.68	68	688.67	67	200.00	00	277.84	84	300.00	00
Wellington.....	Urgus	317.36	36	512.83	83	228.58	58	2,010.56	56	4,716.45	45	1,544.74	74	258.00	00	505.99	99	252.68	68	688.67	67	200.00	00	277.84	84	300.00	00
Wentworth.....	Dundas	2,527.86	86	525.51	51	2,527.86	86	860.02	02	4,480.31	31	2,130.40	40	258.00	00	505.99	99	252.68	68	688.67	67	200.00	00	277.84	84	300.00	00
York.....	Newmarket	52,389.17	17	21,837.81	81	19,773.58	58	66,939.45	45	169,971.39	39	52,789.84	84	5,455.90	90	27,155.30	30	6,283.35	35	13,584.52	52	17,914.86	86	10,355.42	42	300.00	00
TOTALS		52,389.17	17	21,837.81	81	19,773.58	58	66,939.45	45	169,971.39	39	52,789.84	84	5,455.90	90	27,155.30	30	6,283.35	35	13,584.52	52	17,914.86	86	10,355.42	42	300.00	00

FINANCIAL STATEMENT (Concl'd)
DISBURSEMENTS (Concl'd)

NAME	LOCATION	DENTIST, DRUGS, SPIRITS, SURGICAL MEDICAL SUPPLIES		STATION- ERY, OFFICE SUPPLIES		PENSION REFUNDS		SALARIES, SUPERIN- TENDENT (OR) MATRON		TAXES		TELE- PHONE, TELE- GRAPH, FREIGHT, ETC.		WAGES, ALL EMP- LOYERS		WATER AND ICE		ALL OTHERS		CASH ON HAND, DEC. 31, 1943		DEPRECI- ATION		TOTAL			
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.
Brant County Home	Brantford			39.09		2,204.00															613.83				17,882.15		
Bruce	Walkerton	514.97		87.17		323.74		1,431.24				97.63													18,082.53		
Elgin	St. Thomas	55.00		12.00		510.00		1,580.00		120.00		41.00											1,190.00		12,632.00		
Essex	Leamington	546.43		38.99		47.65		1,425.00		30.83		129.17													26,627.44		
Grey	Markdale	586.03		47.65		464.00		684.00		16.03		70.32													26,627.44		
Haldimand	Dunnville	677.25		86.83		880.09		2,100.00				65.40													21,891.82		
Hastings	Beleille	221.75				649.80		1,594.78		46.74		89.19													22,325.29		
Huron	Clinton	248.72		72.91		1,155.43		1,605.72		19.80		43.84													23,488.67		
Kent	Chatham	681.09		9.50		292.00		1,516.70				86.29													20,543.06		
Lanark	Sarnia	1,069.66		20.57		45.65		1,874.62				86.29													23,488.67		
Leeds and Grenville	Perth	249.72		62.46		64.37		1,770.00		146.00		132.94													20,589.00		
Lincoln	Athens	374.33		45.15				1,346.00				29.21													13,986.20		
Middlesex	St. Catharines	329.22						1,667.30				95.26													18,172.50		
Norfolk	Strathroy	348.21						1,016.66				103.49													24,614.06		
Northumberland and Durham	Simcoe	265.55				57.64		1,116.66				168.04													18,070.69		
Ontario	Cobourg	445.25		155.76		364.00		1,750.00				166.04													22,586.13		
Oxford	Whitby	132.67						1,400.00				105.18													22,929.98		
Peel and Halton	Woodstock	92.88		74.91		196.95		1,800.00				71.60													17,854.86		
Perth	Brampton	310.76		42.00		242.00		1,189.57				58.36													22,929.98		
Peterborough	Lakefield	75.26						1,077.18				33.85													17,854.86		
Prescott and Russell	Stratford	123.05		79.84				1,200.00				161.13													23,675.48		
Prince Edward	L'Orignal	561.89						1,750.00				33.85													17,854.86		
Simcoe	Pictou	212.85		50.50		976.40		2,674.96		29.69		161.13													23,675.48		
Stormont, Dundas and Glengarry	Cornwall	119.78				615.54		2,370.00				48.45													23,675.48		
Victoria	Kingston	245.04						1,125.00				165.67													19,741.65		
Waterloo	Gitchener	1,972.83		2.55		1,169.35		1,800.00		497.91		169.24													22,929.15		
Welland	Welland	349.04		52.56				1,595.00				116.46													22,929.15		
Wellington	Pergus	221.95		7.22				1,900.00				147.27													24,664.06		
Wentworth	Dundas	134.31		42.77		404.85		1,599.96				75.36													21,687.45		
York	Newmarket	813.12		109.49				2,090.00				145.80													25,233.77		
TOTALS		14,426.61		1,622.95		9,808.53		49,894.35		1,017.43		2,622.12		89,652.60				3,700.02		12,782.75		9,471.19		4,190.00		663,569.73	

STATISTICAL REPORT

NAME	LOCATION	NUMBER RESIDENTS, JAN. 1, 1943	NUMBER ADMISSIONS	TOTAL ADMISSIONS, INCLUDING JAN. 1	NUMBER DISCHARGED, 1943	NUMBER DEATHS	NUMBER RESIDENTS, DEC. 31, 1943	AVERAGE NUMBER RESIDENTS, 1943	NUMBER RESIDENTS, 1943		NUMBER PAYING RESIDENTS	NUMBER PAID BY MUNICIPALITIES	NUMBER FREE RESIDENTS	NUMBER PENSIONERS	RESIDENTS' STAY, NON-PENSIONERS
									MALE	FEMALE					
Brant	Brantford	89	22	111	13	14	84	82	75	36	3	.....	57	51	16,296
Bruce	Walkerton	61	14	75	11	9	55	54	39	36	9	.....	29	37	9,952
Elgin	St. Thomas	28	14	42	5	3	30	30	26	16	1	.....	31	10	8,480
Essex	Leamington	89	17	106	7	12	84	87	77	42	6	.....	66	31	22,285
Grey	Markdale	71	17	88	5	5	78	75	44	26	6	.....	56	26	19,363
Haldimand	Dunnville	38	14	52	3	7	38	36	32	16	2	.....	33	13	9,581
Hastings	Belleville	94	21	115	12	18	88	86	74	44	15	.....	49	49	18,335
Huron	Clinton	95	14	109	1	17	91	83	62	47	17	.....	73	29	24,958
Kent	Chatham	88	32	120	23	17	88	87	91	37	2	.....	75	51	19,031
Lambton	Sarnia	51	18	69	9	3	57	57	52	17	1	.....	56	12	17,128
Lanark	Perth	90	24	114	15	14	85	88	75	39	6	47	58	33	22,797
Leeds and Grenville	Athens	42	15	57	5	6	46	43	44	13	.....	5	36	11,225	
Lincoln	St. Catharines	60	15	75	21	.....	54	56	49	26	4	.....	32	27	13,046
Middlesex	Strathroy	73	8	81	4	11	66	67	58	23	.....	12	73	22,285	
Norfolk	Strathroy	66	19	85	15	10	60	62	55	30	2	.....	61	22	16,774
Northumberland and Durham	Cobourg	105	24	129	9	9	111	96	65	64	1	.....	90	35	25,415
Ontario County	Whitby	124	56	180	22	24	134	134	116	64	.....	1	116	55	33,974
Oxford	Woodstock	72	10	82	7	11	64	67	50	32	3	.....	56	23	17,522
Peel and Halton	Brampton	119	25	144	11	21	112	109	86	58	19	.....	78	47	27,019
Perth	Stratford	13	13	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,354
Peterborough	Lakefield	22	6	28	3	8	20	23	27	33	7	.....	56	21	19,354
Prescott and Russell	L'Orignal	53	22	75	3	6	54	51	34	28	2	.....	17	9	5,632
Prince Edward	Pictou	14	65	79	8	6	54	50	34	34	.....	.....	49	19	13,396
Simcoe	Beeton	109	26	135	17	23	95	98	103	31	.....	.....	43	21	12,462
Stormont, Dundas and Glengarry	Cornwall	93	25	118	18	19	81	85	77	41	.....	.....	91	21	25,637
Victoria	Lindsay	73	12	85	2	9	74	68	58	27	6	.....	44	30	16,070
Waterloo	Kitchener	177	35	212	11	23	178	197	143	69	7	.....	145	60	51,577
Welland	Welland	69	20	89	17	3	69	66	67	22	3	.....	41	35	14,661
Wellington	Fergus	75	12	87	9	7	71	75	40	47	4	.....	47	34	16,609
Wentworth	Dundas	65	10	75	1	9	65	60	51	24	.....	.....	42	30	13,185
York	Newmarket	81	16	97	5	9	83	82	65	32	1	.....	68	28	21,282
TOTALS		2,395	579	2,982	301	345	2,336	2,334	1,921	1,061	142	94	1,840	906	594,736

STATISTICAL REPORT (Concl'd)

NAME	LOCATION	RESI- DENTS' DAYS' STAY. PENSION- ERS	TOTAL DAYS' STAY	NUMBER BEDS IN DORMI- TORY	NUMBER BEDS MADE UP	NUMBER PROTES- TANTS	NUMBER CATHO- LICS	OTHER RELI- GIONS OR NOT KNOWN	CANA- DIAN	ENGLISH	IRISH	SCOTCH	UNITED STATES	ALL OTHERS	AVERAGE COST PER DIEM PER RESI- DENT
															\$ c.
Brent	Brantford	13,791	30,017	90	84	103	7	1	80	21	2	1	1	6	0.60
Brure	Walkerton	9,689	19,641	65	55	67	8	.....	73	1	.....	.....	.....	.....	.92
Elgin	St. Thomas	2,649	11,129	50	35	42	.....	.....	1.14	5	.....	2	3	1	1.14
Essex	Leamington	9,595	31,880	84	89	77	26	.....	75	13	5	.....	.....	.....	.84
Guy	Markdale	8,119	27,482	81	81	87	1	.....	70	10	3	2	1	2	.97
Haldimand	Dunnville	3,558	13,139	45	45	44	4	.....	43	2	.....	.....	.....	.....	1.08
Hastings	Belleville	13,021	31,356	106	95	106	12	.....	110	6	1	.....	.....	.....	.76
Huron	Clinton	9,047	34,005	95	88	81	4	24	98	4	6	3	5	15	.70
Ken	Chatham	12,619	31,670	100	88	100	13	15	84	14	4	.....	.....	.....	.67
Lambton	Sarnia	3,606	20,734	60	60	65	3	1	60	7	.....	.....	.....	.....	.73
Leeds	Perth	9,288	32,085	110	90	90	19	.....	101	7	.....	2	.....	.....	.68
Leeds and Grenville	Athens	4,381	15,606	60	40	56	1	.....	51	1	.....	.....	.....	.....	1.01
Lindsay	St. Catharines	7,338	20,384	67	56	61	14	.....	47	13	3	.....	.....	.....	.57
Midsex	Strathroy	2,110	24,395	125	75	81	.....	.....	67	13	.....	.....	.....	.....	.78
Northumberland and Durham	Simcoe	5,857	22,631	68	60	82	3	.....	82	11	.....	.....	.....	.....	.71
Oxford	Cobourg	9,460	34,875	90	107	123	6	.....	102	31	12	4	.....	.....	.88
Oxford County	Whitby	41,948	48,922	140	135	158	22	.....	136	15	1	1	10	.....	.74
Peel and Halton	Woodstock	6,831	24,355	70	64	61	2	19	90	1	.....	.....	.....	.....	.56
Peterborough	Brantford	13,092	40,111	128	112	130	9	5	70	28	2	5	8	.....	.50
Prescott and Russell	Stratford	6,357	25,704	70	70	73	12	.....	70	9	.....	.....	.....	.....	.96
Prince Edward	Lakeland	2,667	8,299	35	45	27	.....	.....	24	2	.....	.....	.....	.....	.64
Simcoe	Orignal	5,194	18,590	60	55	55	63	.....	64	2	.....	.....	.....	.....	.66
Stonington, Dundas and Glenarry	Beeton	6,371	35,836	116	100	62	13	1	98	15	12	8	.....	.....	1.01
Victoria	Cornwall	5,555	31,212	100	93	99	19	.....	107	4	2	.....	.....	.....	.85
Waterloo	Lindsay	8,766	24,833	87	77	76	9	.....	73	10	.....	.....	.....	.....	.91
Welland	Kitchener	20,360	71,937	194	186	175	36	1	167	19	4	5	16	.....	.33
Wentworth	Welland	9,502	24,163	70	71	51	25	13	40	8	4	2	3	.....	.99
York	Fergus	10,654	37,263	65	71	81	10	.....	73	9	.....	.....	.....	.....	.73
	Dundas	8,790	21,975	70	65	65	6	.....	32	30	1	.....	.....	.....	.79
	Newmarket	8,624	29,870	100	100	91	6	.....	78	13	.....	.....	.....	.....	.79
TOTALS		257,779	852,515	2,375	2,458	2,543	350	80	2,354	325	73	55	43	132	

City and District Refuges or Homes for the Aged

FINANCIAL STATEMENT—RECEIPTS

NAME	LOCATION	CASH ON HAND, DEC. 31, 1942		CASH SALES—FARM, GARDEN, STOCK, ETC.		DONATIONS, BEQUESTS, LOANS, ETC.		INTEREST, INVESTMENTS, SUNDRIES		MAINTENANCE, BOARD OF MANAGEMENT		MUNICIPALITIES OR O.A.P.		PAYING RESIDENTS		PROVINCIAL GOVERNMENT		ALL OTHERS		NET LOSS		TOTAL		
		\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	\$	c.	
I.O.O.F. Home	Barrie																							
Home of the Aged	Bellefleur	781.75		14.24		46.55		11,139.90		25,705.95		1,928.00		1,928.00		319.40		456.20					42,330.01	
St. Joseph's Home	Blind River	162.25				359.85		454.85		1,465.34		530.62		1,329.00		2,904.66		2,904.66		26.90			5,055.69	
The Widows Home	Brantford	1,338.08				1,393.24		2,609.11				5,700.00		1,604.50		914.00		401.50		2.00			8,460.43	
Home of the Friendless	Chatham													287.50		493.36		2,017.10					9,509.40	
St. Paul's Home	Corkwall													11,735.10		8,552.50		4,212.84					25,327.34	
House of Providence	Dundas	658.80		2,643.73		801.36		204.92		4,000.00		1,400.00		10,912.84		10,912.84		2,421.20					49,685.22	
The Elford Home	Guelph							902.42		4,731.53		3,707.00		5,384.42		914.26		3,988.80					13,623.33	
Aged Women's Home	Guelph	905.55		3,614.00		105.00		15.00		3,448.08		3,707.00		21,292.29		1,267.24		1,848.80					15,910.61	
Home for Aged and Infirm	Hamilton													19,385.90		4,699.00		3,848.80					81,910.05	
House of Providence	Kingston	6,185.36		1,224.60		1,382.83		1,527.50		13,622.42		5,773.43		16,658.11		6,621.20		4,436.50					76,724.24	
House of Refuge	Kingston			27.65		106.80		3,944.18		486.28		3,377.42		708.30		3,882.70		3,882.70					13,264.45	
House of Providence	London					449.04		3,956.60		10,000.00		5,789.96		10,532.09		1,152.10		1,152.10					48,861.48	
The McCormick Home	London					1,823.58		1,753.03		109.20				6,414.95		269.70		3,298.23					32,080.23	
Bronson Memorial Home	Ottawa													4,435.77		237.70		3,865.50					8,955.84	
Waycourt Convalescent Home	Ottawa	511.86		1,086.85		2,187.35		494.56		58.00		37.80		1,260.00		5,379.00		3,865.50					73,457.06	
Good Shepherd Refuge	Ottawa	2,464.55		7.50		556.85		363.41		58.471.94				4,727.60		1,199.81		845.00					11,101.53	
Protestant Home for Aged	Ottawa					17,861.53		50.70		78.50		872.50		27,202.94		5,984.00		836.92					117,666.92	
St. Charles Home	Ottawa					619.56						349.30		8,950.21		2,383.15		3,828.49					34,186.00	
St. Patrick's Home	Ottawa					598.15						1,192.50		4,066.26		2,686.61		512.10					11,758.00	
The Anson Home	Peterborough					40.00		1,990.35				7,755.23		8,128.00		5,923.94		1,681.60					28,113.55	
House of Providence	Peterborough							31.26				3,753.57		10,013.72		4,075.63		2,453.30					21,895.24	
St. Joseph's Manor	Port Arthur													1,164.80		1,917.87		425.90					4,651.22	
Braeside Home	Preston													3,138.54		1,569.57		1,569.57					9,201.22	
Thomas Williams Home	St. Thomas	1,358.25				1,000.00		1,638.56		6,658.73		701.00		11,185.00		976.79		665.25					13,553.89	
Good Shepherd Refuge	Sudbury	2,221.23		2,330.89		2,330.89		1,486.00				638.40		18,933.75		1,402.80		2,081.4					22,606.84	
Aged Men's Home (Tweedsmuir)	Toronto							736.00				1,157.52		21,673.65		1,576.31		1,576.31					44,171.86	
Aged Women's Home (Belmont)	Toronto							353.59				2,278.64		3,166.25		16,948.15		884.10					25,433.57	
Ewart Women's Home (Belmont)	Toronto							2,426.97				2,001.50		16,948.15		884.10		884.10					23,710.06	
Church Home for Aged	Toronto					1,092.84		2,400.00				4,001.50		42.00		4,736.50		427.36					45,520.52	
Good Shepherd Refuge	Toronto					9,761.00		4,207.4				1,650.75		38,953.76		14,073.40		170,465.80					222,222.55	
The Haven	Toronto					12,299.07		4,227.14				46,684.98		51,116.20		3,937.13		39,870.13					99,870.13	
House of Providence	Toronto					884.35		153.90				18,168.00		8,261.00		1,954.40		1,954.40					39,870.13	
House of Industry	Toronto	4,504.37				282.50		3,025.94				12,831.00		7,929.50		1,954.40		1,954.40					56,458.69	
Julia Greenshields Home	Toronto					5,502.73		2,107.12				302.75		6,356.31		645.50		1,508.00					12,670.57	
St. Mary's Rest Home	Toronto	359.62						671.00		3,125.62		1,880.75		6,356.31		645.50		1,508.00					15,608.97	
Salvation Army Eventide Home	Toronto					58.25		385.00				1,950.00		6,938.46		1,150.80		1,150.80					17,664.35	
Salvation Army Rescue Home	Toronto	15.39		139.55				761.30				1,950.00		2,593.05		576.60		576.60					8,073.20	
Salvation Army Rescue Home	Toronto	2,743.86		27,973.61		112.00		46.02		1,447.94				1,957.98		741.55		1,094.80					9,333.76	
Good Shepherd Refuge	Windsor	1,897.55				27.00		1,053.92		500.00		2,400.00		327.00		411.90		411.90					35,167.05	
The Homestead	Windsor																						8,748.37	
TOTALS		27,035.24		50,249.11		87,234.83		53,696.17		191,116.37		203,625.33		293,625.00		300,225.52		84,747.38						1,350,719.28
Algonia District Refuge	Sault Ste. Marie	6,278.10										20,020.78		6,159.01		654.25		3,416.10						36,566.60
Nipissing District Refuge	North Bay			118.00								7,077.86		6,456.59		700.00		3,182.10						18,067.25
Party Sound District Refuge	Powassan	4,773.56		191.70								7,406.29		2,255.36		164.00		1,349.70						16,140.61
TOTALS		11,051.66		309.70								34,510.93		14,870.96		1,518.25		7,947.90						70,774.46

FINANCIAL STATEMENT (Concl'd)—DISBURSEMENTS (Concl'd)

NAME	LOCATION	MEDICINES, HOSPITALIZATION, DRUGS, DENTISTS, SUPPLIES	STATIONERY, OFFICE SUPPLIES	PENSION REFUNDS	SALARIES, SUPERINTENDENT AND MATRON	TAXES	TELEPHONE, TELEGRAPH, FREIGHT, ETC.	WAGES, ALL EMPLOYEES	WATER AND ICE	ALL OTHERS	DEPRECIATION, BUILDING EQUIPMENT, ETC.	CASH ON HAND, DEC. 31, 1943	TOTAL
I.O.F. Home	Barrie	833.71	194.27	303.00	2,539.92	42.84	51.17	8,849.69	279.11	300.00	264.45	1,826.29	42,330.01
Home of the Aged	Belleville	205.63	600.00	82.87	600.00	19.27	160.76	3,331.01	40.29	12.46	633.03	5,055.69	
St. Joseph's Villa	Blind River	119.27	30.41	161.00	2,100.00	14.11	46.94	5,421.01	60.00	62.38	558.36	11,991.06	
The Widows' Home	Brantford	92.84	61.64	295.00	1,060.16	36.15	51.60	831.72	414.00	2,906.93	1,740.15	8,460.43	
Home of the friendless	Chatham	96.78	26.80	1,228.85	900.00	196.95	4,199.02	4,199.02	541.65	7,757.66	1,125.80	9,599.40	
St. Paul's Home	Dundas	1,267.32	252.19	589.02	1,500.00	65.86	1,963.99	7,593.99	27.00	1,881.56	6,751.00	25,327.34	
House of Providence	Dundas	11.57	44.12	550.00	1,200.00	7,770.00	2,786.77	3,548.47	810.19	66.28	1,720.00	13,162.33	
The Elkhoff Home	Guelph	72.70	32.41	1,901.00	1,000.00	82.33	3,700.32	2,786.77	319.09	319.09	1,400.00	14,210.67	
House of Providence	Guelph	72.10	52.49	2,365.34	1,901.00	287.85	27,102.33	27,102.33	1,087.13	478.57	8,475.72	81,910.05	
Aged Women's Home	Hamilton	220.68	152.56	3,883.90	9,000.00	468.32	364.48	6,292.90	106.61	682.75	1,186.79	76,721.24	
Home for Aged and Infirm	Hamilton	3,060.00	1,369.47	130.00	9,000.00	62.29	45.83	969.84	60.34	998.51	1,362.75	13,264.45	
House of Providence	Kingston	200.72	38.19	1,500.00	1,282.30	292.05	162.71	14,361.75	467.34	37.36	5,924.02	48,861.48	
House of Refuge	London	604.32	258.95	1,140.00	1,500.00	125.49	95.02	11,429.50	368.91	303.02	6,924.02	32,080.23	
House of Providence	London	121.00	98.80	1,140.00	1,500.00	195.18	81.00	1,587.05	581.91	223.62	648.00	10,370.46	
The McCormick Home	London	100.88	65.50	1,200.00	1,200.00	334.00	164.22	2,189.45	51.11	42.87	9,616.33	8,955.84	
Bronson Memorial Home	Ottawa	80.55	42.79	1,793.66	420.34	8,823.72	1,583.72	8,823.72	1,583.72	222.58	705.66	73,457.66	
Good Shepherd Refuge	Ottawa	1,793.66	382.12	476.07	1,365.75	95.82	83.40	1,154.00	162.12	1,276.25	2,799.55	11,101.53	
Good Shepherd Refuge	Ottawa	1,601.61	310.01	595.74	2,000.00	374.39	354.26	27,974.60	4,194.42	601.09	3,623.54	117,666.92	
Protestant Home for Aged	Ottawa	1,601.61	310.01	595.74	2,000.00	374.39	354.26	27,974.60	4,194.42	601.09	3,623.54	117,666.92	
St. Charles' Home	Ottawa	127.73	49.88	806.30	1,710.00	783.37	97.25	2,487.69	147.77	2,875.00	5,372.46	28,183.54	
St. Patrick's Home	Ottawa	115.56	32.49	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
The Anson Home	Ottawa	561.69	90.48	488.25	1,040.00	783.37	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
House of Providence	Peterborough	150.39	42.20	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
St. Joseph's Manor	Port Arthur	150.39	42.20	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Braeside Home	Preston	545.66	20.59	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Thomas Williams Home	St. Thomas	102.18	50.59	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Good Shepherd Refuge	Sudbury	131.47	44.52	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Aged Men's Home (Tweedsmuir)	Toronto	435.50	62.25	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Aged Women's Home (Belmont)	Toronto	89.81	58.81	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Aged Women's Home (Ewart)	Toronto	273.82	66.34	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Church Home for Aged	Toronto	959.40	140.10	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Good Shepherd Refuge	Toronto	68.31	111.54	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
The Haven	Toronto	1,712.23	286.94	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
House of Providence	Toronto	51.02	253.98	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
House of Industry	Toronto	1,712.23	286.94	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Jewish Old Folks' Home	Toronto	32.20	50.84	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Julia Greaves' Home	Toronto	16.42	25.25	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
St. Mary's Rest Home	Toronto	58.39	78.54	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Salvation Army Eventide Home	Toronto	16.55	152.24	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Salvation Army Receiving Home	Toronto	56.39	15.27	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Salvation Army Rescue Home	Toronto	415.00	76.91	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
Good Shepherd Refuge	Windsor	95.57	76.91	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
The Homestead	Windsor	95.57	76.91	488.25	1,040.00	313.09	124.86	6,369.45	1,740.28	2,875.00	5,372.46	28,183.54	
TOTALS		18,354.16	7,214.11	13,679.73	58,718.21	3,748.50	6,194.13	285,586.54	13,075.96	28,434.41	75,916.27	54,995.10	1,350,719.28
Albema District Refuge	Sault Ste. Marie	544.04	69.78	910.00	1,500.02	35.67	35.67	4,621.47	.....	494.40	9,469.44	36,566.60
Nipissing District Refuge	North Bay	1,110.63	65.02	1,365.00	1,500.00	20.70	88.94	1,090.69	.....	501.57	1,536.60	18,067.25
Parry Sound District Refuge	Powassan	227.96	79.39	95.80	1,500.00	.....	54.10	1,744.94	.....	.....	4,402.33	16,140.61
TOTALS		1,609.63	214.10	1,901.11	4,505.02	56.37	170.71	7,467.10	996.97	15,968.60	19,871.77	70,774.46

STATISTICAL REPORT

NAME	LOCATION	No. RESIDENTS, JAN. 1, 1943	No. ADMIS- SIONS	TOTAL ADMIS- SIONS INCLUD- ING JAN. 1	No. DIS- CHARGED 1943	No. DEATHS	No. RESI- DENTS, Dec. 31, 1943	AVER- AGE No. RESI- DENTS, 1943	NUMBER RESIDENTS, 1943		No. PAYING RESI- DENTS	No. PAID BY RESI- DENTS	No. FREE RESI- DENTS	No. PEN- SIONERS	RESI- DENTS' DAYS' STAY, NON- PENSIONERS
									MALE	FEMALE					
L.O.F. Home.....	Barrie.....	40	7	47	3	5	39	38	33	14	47	16	31	4,753	
Home of the Aged.....	Belleville.....	18	1	19	3	1	15	17	14	19	12	.....	7	3,937
St. Joseph's Villa.....	Blind River.....	34	40	74	39	1	34	35	55	19	29	.....	43	5,356
The Widows' Home.....	Brantford.....	15	2	17	1	3	13	12	17	17	13	.....	4	3,381
The Home of the Friendless.....	Clatham.....	25	12	37	14	16	23	25	29	8	37	.....	18	4,751
St. Paul's Home.....	Cornwall.....	95	36	131	16	19	96	91	72	59	28	.....	55	19,169
House of Providence.....	Dundas.....	106	55	161	36	13	112	103	63	98	58	.....	53	25,275
The Elliott Home.....	Guelph.....	21	12	33	8	1	24	22	9	24	32	.....	1	7,679
House of Providence.....	Hamilton.....	30	19	49	13	2	34	31	36	13	7	.....	2	4,881
House for Aged and Infirm.....	Hamilton.....	203	38	241	42	39	160	185	154	87	20	.....	28	40,140
Aged Women's Home.....	Hamilton.....	51	3	54	4	6	48	51	136	54	19	.....	98	18,489
House of Providence.....	Kingston.....	185	88	273	42	27	204	190	29	273	76	.....	98	44,306
House of Refuge.....	Kingston.....	33	26	59	23	36	36	33	29	30	5	.....	19	9,288
House of Providence.....	London.....	174	75	249	58	18	173	171	98	151	82	.....	73	38,858
The McCormick Home.....	London.....	77	60	137	40	4	93	84	47	40	21	.....	76	13,573
Bronson Memorial Home.....	London.....	27	6	33	4	4	33	27	.....	33	.....	.....	3	2,056
May Court Convalescent Home.....	Ottawa.....	17	142	159	150	9	11	11	.....	159	151	.....	8	4,124
Good Shepherd Refuge.....	Ottawa.....	145	157	302	138	.....	163	161	48	302	79	.....	5	57,883
Protestant Home for Aged.....	Ottawa.....	38	10	48	15	2	31	35	.....	48	7	.....	20	7,527
St. Charles' Home.....	Ottawa.....	313	194	507	111	73	323	320	239	507	93	.....	22	55,107
The Anson House.....	Ottawa.....	108	61	169	51	15	103	100	87	169	39	.....	58	24,086
House of Providence.....	Peterborough.....	34	37	71	38	2	31	31	21	50	39	.....	27	7,010
House of Providence.....	Peterborough.....	77	32	109	22	10	77	74	63	46	29	.....	26	14,465
St. Joseph's Manor.....	Port Arthur.....	73	66	139	55	4	80	78	98	41	23	.....	36	13,086
Braeside Home.....	Preston.....	.....	22	22	2	2	18	8	.....	17	22	.....	1	1,782
Thomas Wiltons Home.....	St. Thomas.....	27	7	34	5	3	26	26	18	22	4	.....	8	2,564
Good Shepherd Refuge.....	Sudbury.....	18	20	38	15	.....	23	21	79	38	9	.....	24	7,546
Aged Men's Home (Tweedsmuir).....	Toronto.....	57	22	79	11	9	59	58	.....	79	28	.....	3	8,321
Aged Women's Home (Beltnout).....	Toronto.....	116	32	148	16	14	118	119	148	148	45	.....	6	14,913
Ewart House.....	Toronto.....	60	7	67	5	3	59	59	.....	67	37	.....	15	16,837
Church Home for Aged.....	Toronto.....	45	17	62	16	2	44	45	.....	62	33	.....	27	9,215
Good Shepherd Refuge.....	Toronto.....	136	87	223	90	1	132	134	.....	223	10	.....	213	48,826
The Haven.....	Toronto.....	52	36	88	35	.....	53	49	88	88	.....	.....	88	18,062
House of Providence.....	Toronto.....	603	760	1,363	714	68	581	596	869	494	247	.....	419	156,602
House of Industry.....	Toronto.....	98	69	237	70	54	29	162	152	16	18	.....	73	41,038
Jewish Old Folks' Home.....	Toronto.....	94	28	122	3	16	103	98	47	75	122	.....	56	19,348
St. Julia's Home.....	Toronto.....	30	4	34	3	2	29	29	.....	34	34	.....	30	10,545
St. Mary's Rest Home.....	Toronto.....	35	19	54	18	.....	36	37	1	53	20	.....	1	5,958
Salvation Army Eventide Home.....	Toronto.....	63	41	104	49	1	54	59	104	55	55	.....	2	12,050
Salvation Army Receiving Home.....	Toronto.....	16	317	333	313	.....	20	18	333	114	17	.....	202	6,715
Salvation Army Rescue Home.....	Toronto.....	23	192	215	189	1	25	27	42	173	88	.....	4	9,744
Good Shepherd Refuge.....	Windsor.....	30	11	41	9	.....	32	33	.....	41	.....	.....	41	12,165
The Homestead.....	Windsor.....	22	7	29	10	.....	19	22	20	9	.....	.....	15	3,808
TOTALS.....		3,464	2,877	6,411	2,495	425	3,414	3,525	2,697	3,714	1,689	2,007	2,006	829,820	
Algebra District Refuge.....	Sault Ste. Marie.....	85	21	106	7	12	87	86	87	19	106	.....	26	23,825
Nipissing District Refuge.....	North Bay.....	57	18	75	14	9	52	56	59	16	75	.....	32	11,619
Perry Sound District Refuge.....	Powassan.....	34	5	39	3	6	30	33	29	10	39	.....	9	9,325
TOTALS.....		176	44	220	24	27	169	175	175	45	7	15	131	44,769	

STATISTICAL REPORT (Concl'd)

NAME	LOCATION	RESI- DENTS' DAYS' STAY PENSION- ERS	TOTAL DAYS' STAY	No. BEDS IN MADE UP	No. PROTES- TANTS	No. CATHO- LICS	OTHER RELI- GIONS OR NOT KNOWN	CAN- ADIAN	ENG- LISH	IRISH	SCOTCH	UNITED STATES	ALL OTHERS	AVER. COST PER DIEM PER RESI- DENT
I.O.O.F. Home.....	Barrie.....	9,209	13,962	40	47	.....	.....	35	7	1	2	2	.....	3.03
Home of the Aged.....	Bellefille.....	2,297	6,234	17	16	3	.....	19	.....	.....	.....	.....	.....	.81
St. Joseph's Villa.....	Blind River.....	7,429	12,785	48	15	55	4	60	4	1	2	2	7	.94
The Widows' Home.....	Brantford.....	1,041	4,422	15	17	.....	.....	16	.....	.....	.....	.....	.....	1.91
The Home of the Friendless.....	Chatham.....	4,501	9,252	36	30	7	.....	28	5	1	.....	.....	3	.77
St. Paul's Home.....	Cornwall.....	13,873	33,042	100	97	6	.....	72	5	18	34	.....	5	.77
House of Providence.....	Dundas.....	12,403	37,678	145	11	150	.....	140	5	7	3	.....	5	1.37
The Elliott Home.....	Guelph.....	240	7,919	28	32	1	.....	29	3	1	1	.....	1	1.66
House of Providence.....	Guelph.....	6,509	11,390	42	35	15	.....	38	6	1	1	.....	1	1.25
House for Aged and Infirm.....	Guelph.....	27,506	67,646	220	197	34	10	128	58	7	17	2	24	1.22
Aged Women's Home.....	Hamilton.....	.....	.....	51	54	.....	.....	33	16	5	5	.....	6	.86
House of Providence.....	Kingston.....	24,811	69,117	220	220	218	.....	222	19	16	6	4	6	1.03
House of Providence.....	Kingston.....	2,889	12,177	50	46	5	.....	16	20	12	11	.....	18	1.09
House of Providence.....	London.....	23,565	62,423	200	200	237	.....	207	12	6	2	4	2	.78
The McCormick Home.....	London.....	16,910	30,483	100	93	135	2	91	40	2	1	.....	1	1.05
Bronson Memorial Home.....	Ottawa.....	7,637	9,693	29	25	33	.....	30	1	1	.....	.....	5	1.07
Good Shepherd Refuge.....	Ottawa.....	.....	4,124	18	18	106	4	118	20	2	6	8	5	2.17
May Court Convalescent Home.....	Ottawa.....	974	58,857	200	173	2	300	301	1	.....	.....	.....	.....	1.25
Protestant Home for Aged.....	Ottawa.....	5,376	12,903	40	48	16	.....	26	13	5	3	.....	3	.86
St. Charles' Home.....	Ottawa.....	61,793	116,900	328	328	489	2	487	8	6	4	4	8	1.00
The Anson House.....	Peterborough.....	12,586	36,672	114	103	3	166	147	33	6	2	4	2	.93
House of Providence.....	Peterborough.....	4,302	11,312	42	42	71	.....	34	3	.....	.....	.....	.....	1.04
St. Joseph's Manor.....	Port Arthur.....	12,832	26,898	77	77	2	107	104	1	1	.....	.....	2	1.05
Brae-Idle Home.....	Preston.....	15,335	28,421	88	88	81	.....	35	28	13	22	3	38	.77
Good Shepherd Refuge.....	Sudbury.....	1,019	2,811	20	18	22	.....	21	1	.....	.....	.....	.....	1.66
Thomas Williams Home.....	Sudbury.....	5,758	9,322	27	26	34	.....	23	10	.....	.....	.....	.....	.99
Good Shepherd Refuge.....	Toronto.....	7,516	26	27	26	34	.....	38	38	.....	.....	.....	.....	1.80
Aged Men's Home (Tweedsmuir).....	Toronto.....	12,885	21,206	59	59	79	.....	39	26	4	4	2	4	1.07
Aged Women's Home (Belmont).....	Toronto.....	28,365	43,278	118	148	.....	.....	84	37	8	11	6	2	1.02
Ewart House.....	Toronto.....	4,857	21,694	60	60	67	.....	45	14	4	2	2	2	1.12
Church Home for Aged.....	Toronto.....	7,108	16,323	45	45	62	.....	34	22	3	2	.....	1	1.45
Good Shepherd Refuge.....	Toronto.....	.....	48,826	160	140	.....	223	223	.....	.....	.....	.....	.....	.93
The Haven.....	Toronto.....	.....	18,062	59	80	7	.....	86	1	.....	.....	.....	1	1.23
House of Providence.....	Toronto.....	66,846	217,448	639	639	461	900	861	204	43	23	23	110	.78
House of Industry.....	Toronto.....	18,267	59,305	178	172	216	21	103	94	11	15	2	103	.49
Jewish Old Folks' Home.....	Toronto.....	16,416	35,764	103	103	.....	122	56	.....	.....	.....	66	66	1.58
Julia Greer Shields Home.....	Toronto.....	.....	10,545	30	34	.....	.....	22	7	.....	.....	1	.....	1.18
St. Mary's Rest Home.....	Toronto.....	7,448	13,406	37	37	43	8	43	8	.....	.....	1	2	.95
Salva-Ton Army Eventide Home.....	Toronto.....	9,557	21,607	66	66	103	1	48	5	2	3	2	1	.81
Salvation Army Receiving Home.....	Toronto.....	.....	6,715	23	23	286	42	276	32	8	9	6	6	1.20
Salvation Army Rescue Home.....	Toronto.....	.....	9,744	22	20	203	12	214	39	.....	.....	1	1	.96
Good Shepherd Refuge.....	Windsor.....	.....	12,165	40	40	41	.....	39	.....	.....	.....	.....	.....	1.78
The Homestead.....	Windsor.....	4,081	7,889	29	27	18	1	24	2	1	.....	.....	1	1.11
Totals.....		456,820	1,286,445	4,054	3,892	2,891	3,361	4,695	818	260	216	96	326	1.18
Algoma District Refuge.....	Sault Ste. Marie.....	7,743	31,568	87	87	55	6	77	4	2	5	1	18	.87
Nipissing District Refuge.....	North Bay.....	8,046	20,265	60	60	40	21	68	2	.....	.....	.....	3	.89
Parry Sound District Refuge.....	Powassan.....	2,797	12,122	34	30	31	8	36	.....	.....	.....	.....	.....	.98
TOTALS.....		19,186	63,955	181	177	126	74	181	6	2	6	1	24	.91

SOLDIERS' AID COMMISSION OF ONTARIO

STATEMENT OF RECEIPTS AND EXPENDITURES

No. 1 ACCOUNT (OPERATING)

April 1, 1943, to March 31, 1944

RECEIPTS

March 1, 1944

Provincial Treasurer.....	\$ 24,882.02	
Less: Refund to Treasurer.....	2,679.40	
		\$ 22,202.62

EXPENDITURES

Office Salaries.....	\$ 11,262.50	
Office Bonus.....	1,602.66	
		\$ 12,865.16
Car Tickets.....		60.00
Postage.....		150.00
Stationery.....		166.14
Telegraph and Telephone.....		16.19
Travelling Expenses.....		1,794.55
Miscellaneous.....		65.01
		\$ 15,117.05
Transfer of Funds to No. 2 Account.....	7,085.57	
		\$ 22,202.62

RELIEF, ESTATES AND TRUST FUNDS

ACCOUNTS No. 2, No. 8 ACCOUNT (HAMMOND ESTATE), CHILDREN'S (WARDS')

TRUST ACCOUNT, AND ESTATES OF HALES, CROFT,

SCOTT AND McNAB

April 1, 1943, to March 31, 1944

STATEMENT OF RECEIPTS

April 1, 1943

Balance Brought Forward from 1942-43 Statement:		
Investments.....	\$217,720.76	
Cash in Bank.....	2,637.60	
		\$220,358.36
LESS:		
Sale of Bonds.....	\$ 4,000.00	
Reduction of Mortgage.....	200.00	
Depreciation <i>re</i> Hammond Bonds to Date.....	401.25	
		4,601.25
		\$215,757.11

RECEIPTS

1943-44

No. 2 Account (Emergency Assistance):		
Transfer from No. 1 Account.....	\$ 7,085.57	
Other Sources.....	784.75	
		\$ 7,870.32
No. 3 Account (Hales Estate).....		7.50
Croft Estate.....		304.29
Scott Estate.....		455.90
McNab Estate.....		168.28

RECEIPTS (Concl'd)

No. 8 Account (Hammond Estate):		
Bank Interest.....	\$	1.47
National Trust Co. Ltd.....		572.50
Bond Coupons (Interest).....		7,982.07
Sale of Bonds.....		2,000.00
		10,556.04
Wards' Trust Account:		
Bond Coupons.....	\$	604.70
Sale of Bonds.....		2,000.00
		2,604.70
		21,967.03
		\$237,724.14

STATEMENT OF EXPENDITURES

March 31, 1944

No. 2 Account (Emergency Assistance):		
Gratuities.....	\$	7,085.57
Other Sources.....		590.05
		\$ 7,675.62
No. 3 Account (Hales Estate)—Grants.....		15.00
Croft Estate—Taxes.....		62.40
McNab Estate—Grants.....		86.00
Scott Estate—Grants.....		35.00
Hammond Estate—Grants.....		9,773.03
Wards' Trust Account—Payments.....		3,090.62
		\$ 20,737.67

ASSETS

Croft Estate:		
Assessment Value of Real Estate.....	\$	12,050.00
Fryer's Mortgage.....		1,050.00
Investments.....		1,600.00
		14,700.00
Scott Estate—Investments (Face Value).....		2,100.00
Hammond Estate—Investments.....		191,519.51
Wards' Trust Account—Investments.....		7,000.00
Balances at Bank.....		1,666.96
		\$237,724.14

LAND SETTLEMENT ACCOUNT

BARRIE PROPERTY

STATEMENT OF RECEIPTS AND EXPENDITURES

April 1, 1943, to March 31, 1944

RECEIPTS

April 1, 1943

Assets:		
Bonds (Face Value).....	\$	1,500.00
Balances at Bank:		
Current Account.....	\$	440.94
Savings Account.....		747.93
		1,188.87
Barrie Property:		
Land.....	\$	8,073.02
Buildings.....		4,990.30
Equipment.....		93.93
		13,157.25
		\$ 15,846.12
Receipts:		
Deposits re Hydro.....	\$	10.00
Rents.....		1,395.00
Bank Interest.....		5.95
Bond Interest.....		57.00
		1,467.95
		\$ 17,314.07

EXPENDITURES

March 31, 1944

Miscellaneous Expenditures.....	\$	133.78	
Taxes.....		23.60	
Depreciation.....		418.14	
	\$		575.52
Assets:			
Barrie Property:			
Land.....	\$	8,073.02	
Buildings.....	\$	7,065.00	
Less: Reserve for Depreciation.....		2,427.95	
			4,637.05
Equipment.....	\$	357.62	
Less: Reserve for Depreciation.....		328.58	
			29.04
Bonds (Face Value).....			12,739.11
Balances at Bank:			3,100.00
Current Account.....	\$	333.56	
Savings Account.....	\$	615.88	
Less: Hydro Deposit.....		50.00	
			565.88
			899.44
			\$ 17,314.07

FINANCIAL ASSISTANCE GRANTED

April 1, 1943, to March 31, 1944

MONTH	No. 2 ACCOUNT	HALES, SCOTT, THOMPSON, McNAB ESTATES	No. 8 ACCOUNT	CANTEEN FUND AND OTHER SOURCES	TOTAL
1943	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
April.....	381.85	10.00	705.00		1,096.85
May.....	492.20	35.00	797.00	20.00	1,344.20
June.....	427.14	10.00	1,025.50		1,462.64
July.....	553.75	8.00	600.00		1,161.75
August.....	490.95	10.00	425.00		925.95
September.....	632.30	10.00	580.00	219.50	1,441.80
October.....	540.22		662.10	8.00	1,210.32
November.....	576.51	18.00	1,145.48		1,739.99
December.....	1,268.54	25.00	1,773.00		3,066.54
1944					
January.....	610.11	10.00	700.00	12.25	1,332.36
February.....	604.65		600.00	10.50	1,215.15
March.....	981.35		790.95	313.30	2,085.60
TOTALS.....	7,559.57	136.00	9,804.03	383.55	18,083.15

ANALYSIS OF ASSISTANCE RENDERED FROM No. 2 ACCOUNT; KATHLEEN HAMMOND, HALES, SCOTT, THOMPSON AND McNAB ESTATES; ALSO FROM OUTSIDE SOURCES, APRIL 1, 1943, TO MARCH 31, 1944

Hospital, Medical and Surgical Supplies.....	28
Fuel (Emergency).....	6
Men's, Women's and Children's Clothing.....	124
Special Diet and Emergency Grocery Orders.....	42
Bedding and Household Supplies.....	6
Transportation.....	18
Truck, Car and Chauffeur Licenses.....	6
Glasses.....	111
Dentures.....	55
Layettees.....	3
Special Grants (Material, Supplies, Stock-in-Trade).....	891
Artificial Limbs, Hearing Aids, Wheel Chairs.....	14

SOLDIERS' AID COMMISSION—SERVICE

STATISTICAL REPORT

April 1, 1943, to March 31, 1944

MONTH	A CHILD WELFARE	B No. 2 Acc't	C HALES, SCOTT, THOMP- SON, McNAB ESTATES	D No. 8 Acc't	E CANTEEN FUND	F EMPLOY- MENT, PENSION AND SERVICE	G Misc.	TOTAL
1943								
April.....	2	58	1	31	15	36	142	285
May.....	3	64	2	32	14	49	132	296
June.....	2	62	1	36	15	57	146	319
July.....	2	68	1	26	15	52	126	290
August.....	....	65	1	20	15	39	110	250
September.....	2	73	1	22	22	36	144	300
October.....	1	72	....	27	19	28	150	297
November.....	3	67	3	45	17	61	176	372
December.....	3	93	3	64	16	46	137	362
1944								
January.....	....	66	1	23	18	32	184	324
February.....	....	87	....	23	20	58	147	335
March.....	....	85	....	28	12	64	102	291
TOTALS.....	18	860	14	377	198	558	1,696	3,721

NOTE

- A. Investigations and service on account of wards of the Commission.
 B. Emergency assistance granted.
 C. Emergency assistance from Trust Funds.
 D. Kathleen Hammond Bequest Trust Fund, emergency assistance to pensioned widows of veterans.
 E. Administration of special grants from Canteen Fund and cases submitted to that Fund for consideration.
 F. Information, advice and assistance in respect to claims for treatment and pensions, also employment by veterans.
 G. General advice given on matters relating to public and private welfare facilities for veterans or their dependents.

Number of Office Interviews.....	2,158
Number of Letters Received.....	2,946
Number of Letters Mailed.....	2,951

PLACEMENT OF WARDS

Number of Wards Attaining the Age of 21 Years.....	4
Total Number of Wards under Commission's Care on April 1, 1943.....	9
NET TOTAL, MARCH 31, 1944.....	5

EIGHTEENTH REPORT
OF THE
LIQUOR CONTROL BOARD
OF
ONTARIO

From April 1st, 1943 to March 31st, 1944

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 20, 1945



ONTARIO

TORONTO
Printed and Published by
T. E. Bowman, Printer to the King's Most Excellent Majesty
1945

TORONTO, FEBRUARY 28, 1945.

TO THE HONOURABLE ALBERT MATTHEWS,

Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit to Your Honour the Eighteenth Report of the Liquor Control Board of Ontario for the year ending 31st March, 1944.

Respectfully submitted,

L. E. BLACKWELL,

Attorney-General.

INDEX

	PAGE
Authorities for the Sale of Beer and Wine.....	13, 24 to 36
Breweries.....	10, 21 and 22
Brewers' Retail Stores.....	10, 20 and 21
Druggists.....	14
Employees.....	17
Financial Statement.....	5, 6, 15, 16 and 17
Hotels.....	13
Payments to Municipalities.....	10
Permits.....	14
Permits and Licenses issued.....	23
Sales.....	7, 8, 9, 10, 11 and 12
Stores.....	10, 18 and 19
Summary by Municipalities of number of Authorities, and Standard Hotel Licenses issued, cancelled, etc...	24 to 36
Wineries.....	11, 22 and 23

Liquor Control Board of Ontario

454 UNIVERSITY AVENUE
TORONTO 2, ONTARIO
DECEMBER 18TH, 1944.

TO THE HONOURABLE LESLIE R. BLACKWELL,
Attorney-General of Ontario,
Parliament Buildings, Toronto 5, Ontario.

SIR,—

Although my appointment to the Chief Commissionership of the Liquor Control Board of Ontario dated only from February 18th, 1944, I have the honour to submit herewith the Eighteenth Report for the twelve months' fiscal period, which ended the 31st of March, 1944.

FINANCIAL STATEMENT

The Balance Sheet, certified to by Messrs. Robertson, Robinson, McCannell & Dick, Chartered Accountants, shows the amount of fixed assets to be \$102,177.00. This amount represents the value of the Board's real estate, consisting of the land and buildings situated at 154 Wellington Street West, Toronto, 210 Victoria Avenue, Fort William, and 28 Silver Street, Cobalt, occupied as Warehouses or Stores, and the value of all furniture, equipment and alterations in the various premises of the Board, less depreciation, which, since the commencement of operations in June, 1927, has been provided to an extent of \$1,090,041.21.

Other assets totalled \$8,031,905.60, being comprised of the following items:

Cash on hand and in transit from branch banks.....	\$4,622,936.14
Accounts Receivable—hospital charge sales, beer levies, duty recoverable items, freight claims, fines, etc.....	333,908.19
Inventories of liquors and supplies.....	2,992,245.91
Prepaid items.....	82,815.36

Liabilities amounted to \$2,080,535.72 as follows:

Accounts Payable—for liquors and supplies, accrued charges, etc.....	1,860,344.66
Due Provincial Treasurer—for permit sales and confiscated stock.....	220,191.06

Sales of Individual and Special Permits during the twelve months amounted to a net figure of \$1,161,513.22, which, with an amount unpaid from the previous year of \$23,742.17, totalled \$1,185,255.39, of which \$975,000.00 was remitted to the Provincial Treasurer in accordance with the requirements of the Liquor Control Act of Ontario, Section 18 (2).

The item of \$9,935.67 represents a balance due for forfeited liquor, which was purchased by the Board after careful examination, and in accordance with the provisions of Section 132 (2) of the Act.

Contingent liabilities amounted to \$5,327,464.57. These items comprise the value of undelivered orders, and, also, the amount of customs or excise duties which will have to be paid on the goods, which were in bond on our premises March 31st, when the same are cleared. These items are not chargeable against, nor do they affect the operations of the Board for the period under review.

The Profit and Loss Account shows sales for the twelve months from Liquor Control Board Stores of \$43,907,838.35.

The same account shows a gross trading profit of \$16,997,594.70 with total expenses including depreciation and items written off, of \$2,552,025.02, which produced a net trading profit of \$14,445,569.68. This latter sum, together with other revenue derived from fees and taxes on Brewers and Wine Manufacturers and their products, as well as from Authority holders and from fines, which amounted to \$5,417,819.85, resulted in a total net income of \$19,863,389.53, which is carried to the Surplus Account.

For the purpose of comparison, the percentage that the cost of stock sold, miscellaneous earnings and expenses, and other revenue bear to the sales are given for the fiscal year of 1942-3, and the twelve months' period herewith reported upon.

The Surplus Account shows a balance at the commencement of the period of \$5,214,409.69, this being the amount carried forward from previous years' operations, which had not been transferred to the Provincial Treasurer. After the addition of \$747.66 which represented sundry adjustments, and the twelve months' net income of \$19,863,389.53, a total amount is shown of \$25,078,546.88. From this sum \$19,025,000.00 was remitted to the Provincial Treasurer. The total payments to the Provincial Treasurer during the twelve months were, therefore:—

On Account of Profits.....	\$19,025,000.00
On Account of Permits.....	975,000.00
	\$20,000,000.00

Beside the Balance Sheet, Profit and Loss Account, and the Surplus Account, a statement showing the Expenses of Administration and Operation (Schedule 1) for the twelve months is also attached. Individual percentages which these expenses bear to the total sales are given for the twelve months and also for the preceding fiscal period. On March 31st, 1944, the staff comprised 1,144 employees, 305 of these being part-time or seasonally employed as against 944 permanent and 107 part-time employees at the previous year-end. The increased staff was required in order to facilitate the prompt issuance of Individual Permits for which an unprecedented demand developed.

In addition, all Liquor Control Board Stores, Brewers' Retail Stores, Breweries and Wineries privileged to sell alcoholic beverages in Ontario, as of March 31st, 1944, are set forth on Schedule II; a classification of permits and licenses issued appears on Schedule III, and a summary of Authorities and Standard Hotel License issued, cancelled, suspended, surrendered, and reinstated during the year, with the number operative on March 31st, is set forth on Schedule IV.

SALES

As explained in our preceding report, the Dominion Government proclaimed on December 16th, 1942, "The Wartime Alcoholic Beverages Order, 1942," which limited the proof gallonage of spirits obtainable by each Liquor Commission of Canada during each twelve months commencing November 1st, 1942, to not more than 70% of the proof gallonage obtained during the preceding twelve months. With regard to wine the limitation was 80%, and beer, 90%.

The stringent sale limitations indicated in our previous report were continued and the rationing of spirits became more severe as shown by the following tabulation:—

Month	Monthly Limitation per Individual Permit-holder	Number of Individual Annual Permits Outstanding at Month-end
April, 1943.....	133 ozs.	393,282
May.....	80 ozs.	484,109
June.....	53 ozs.	565,022
July.....	53 ozs.	656,621
August.....	53 ozs.	714,818
September.....	40 ozs.	788,889
October.....	40 ozs.	878,800
November.....	40 ozs.	992,568
December.....	40 ozs.	1,193,614
January, 1944.....	26 ozs.	1,227,459
February.....	26 ozs.	1,262,179
March.....	26 ozs.	1,280,306

Purchasers of Imported Wine and Imported Beer were required to possess an Individual Liquor Permit. The sales limitation established at the commencement of the year was four (4) bottles of imported wine and twenty-four (24) small bottles of Imported Beer per month.

On May 17th, 1943, a ration coupon sales plan for home consumers of domestic beer was inaugurated. This involved the issuance of Individual Beer Coupon Books, free of charge, to persons of the full age of twenty-one years. Applicants for such books were required to submit their National Registration Certificates for endorsement to the issuer, and, with respect to members of the Armed Forces, their Identification Cards. One Coupon allowed the book-holder to purchase six small bottles of beer; two coupons, six large or twelve small bottles, four coupons, 12 large or 24 small bottles, etc.

For the month of May, four coupons were declared valid while for each of the succeeding months, until December, six coupons were declared valid, or, in other words, thirty-six (36) small bottles or the equivalent were procurable per book-holder monthly.

On December 1st, 1943, the monthly ration was reduced to twenty-four (24) small bottles or the equivalent and for which, four coupons were required.

Such monthly ration was continued for the remainder of the fiscal year. The number of Individual Beer Ration Coupon Books outstanding at each month-end were as follows:—

1943	Total Issued
May 31st.....	395,775
June 30th.....	657,147
July 31st.....	824,254
August 31st.....	967,216
September 30th.....	1,006,233
October 31st.....	1,050,533
Total Issue of Book No. 1.....	1,050,533
November 30th Individual Beer Ration Coupon Book No. 2 (New Book).....	570,648
December 31st.....	967,492
1944	
January 31st.....	1,049,387
February 29th.....	1,100,019
March 31st.....	1,156,873

Notwithstanding the restriction in the monthly ration of beer for home consumption, the demand far exceeded the supply with the result that "line-ups" developed before the beer selling outlets. With a view of affording some measure of relief to such purchasers, the Board decided to allocate a larger proportion of the total gallonage of beer available to home consumers and, effective December 1st, 1943, a reduction was made in the gallonage of beer available to Clubs and Hotels thereby allowing a greater gallonage to be placed in Brewers' Retail Stores for sale to home consumers. Under the plan, hotel authority holders were limited monthly to 75% of the gallonage of beer which they purchased during the corresponding month of the period which ended October 31st, 1942—the basic period of the Dominion Government's Alcoholic Beverages Order, 1942—which Order restricted the available supply of beer to 90% of the basic period. The reduced gallonage resulted in the Ontario Hotel Industry having for sale a volume of beer approximating that which it sold during the first year of the War when a free market for beer existed.

With respect to Clubs holding authorities, there was made available to them a gallonage of beer not exceeding the equivalent of twenty-four (24) small bottles per member per month of full operation based on the actual membership of any Club holding an authority.

Six Brewers' Retail Stores were established by the Brewers' Warehousing Company by order of the Board during December, 1943, in Toronto, Hamilton, Windsor and Ottawa as a further endeavour to eliminate the queues of purchasers which had been forming daily before adjacent shops.

On June 14th, 1943, a somewhat similar ration coupon sales plan for home consumers of Ontario Wine became effective. Individual Ontario Wine Ration Coupon Books became available to persons of the full age of twenty-one years, free of charge, upon the applicant submitting his or her National Registration Certificate for endorsement; members of the Armed Forces submitting their Identification Cards or proof of identity or status in the Armed Forces.

The maximum quantity authorized by the Board as saleable to holders of Individual Ontario Wine Ration Coupon Books for each calendar week from June 14th was three (3) bottles. One "coupon" permitted the sale of one twenty-six-ounce (26-oz.) bottle. On August 16th the authorized weekly ration

was reduced to two (2) bottles which was continued for the remainder of the fiscal year.

Books outstanding at each month-end were as follows:—

Month-end	Total Issued
June 30th, 1943.....	104,572
July 31st, 1943.....	184,937
August 31st, 1943.....	225,941
September 30th, 1943.....	257,979
October 31st, 1943.....	294,082
Total Issue of Book No. 1.....	294,082
November 30th, 1943, Individual Wine Ration Coupon Book No. 2 (new book).....	228,021
December 31st, 1943.....	380,708
January 31st, 1944.....	423,657
February 29th, 1944.....	456,492
March 31st, 1944.....	479,681

“Loose” beer or wine coupons were at all times considered invalid.

The sale of Spirits, beer and wine from liquor stores during the twelve months amounted to \$43,907,838.35. The net value of beer sold from breweries and brewers’ retail stores, i. e., exclusive of any charge for containers, totalled \$48,647,605.09. Sales of native wine made direct to customers from licensed native wine sales offices, and, where permitted, from winery premises, amounted to \$3,264,069.83.

The following comparative sales statistics are given for the fiscal year under review and also for the preceding twelve months:—

VALUE

	Twelve Months ending March 31, 1943	Twelve Months ending March 31, 1944	Increase or Decrease	Percentage
Domestic Spirits.....	\$26,933,354.90	\$31,008,797.42	\$4,075,442.52	15.1 Inc.
Imported Spirits.....	7,453,910.95	9,152,274.93	1,698,363.98	22.7 Inc.
Domestic Wines.....	2,774,557.43	2,085,189.44	689,367.99	24.8 Dec.
Imported Wines.....	647,344.33	413,040.24	234,304.09	36.2 Dec.
Domestic Beers.....	1,533,669.71	1,153,192.83	380,476.88	24.8 Dec.
Imported Beers.....	117,659.26	95,343.49	22,315.77	18.9 Dec.
Total Sales from Liquor Stores . . .	\$39,460,496.58	\$43,907,838.35	\$4,447,341.77	11.3 Inc.
B. & B. R. S. Sales - Domestic Beer (exclusive of container value).....	50,523,428.73	48,647,605.09	1,875,823.64	3.7 Dec.
Wineries’ Sales (Domestic Wines).....	3,177,121.93	3,264,069.83	86,947.90	2.7 Inc.
Total.....	\$93,161,047.24	\$95,819,513.27	\$2,658,466.03	2.8 Inc.

GALLONAGE

	Twelve Months ending March 31, 1943	Twelve Months ending March 31, 1944	Increase or Decrease	Percentage
Domestic Spirits.....	1,664,789	1,591,793	72,996	4.3 Dec.
Imported Spirits.....	326,724	349,838	23,114	7.0 Inc.
Domestic Wines.....	973,167	633,284	339,883	34.9 Dec.
Imported Wines.....	75,105	43,901	31,204	41.5 Dec.
Domestic Beers.....	938,778	678,310	260,468	27.7 Dec.
Imported Beers.....	28,192	21,641	6,551	23.2 Dec.
Total Sales from Liquor Stores..	4,006,755	3,318,767	687,988	17.1 Dec.
B. & B. R. S. Sales - (Domestic Beer).....	40,650,522	37,807,947	2,842,575	7.0 Dec.
Wineries' Sales (Domestic Wines).....	1,040,949	864,060	176,889	17.0 Dec.
Total.....	45,698,226	41,990,774	3,707,452	8.1 Dec.

The above statistics show that the sales of spirits, wines and beers through the liquor stores increased to an extent of \$4,477,341.77. Operating and administration expenses, including depreciation at \$2,552,025.02, were higher to an extent of \$497,709.59 as compared with the preceding year.

As shown before in this report, the Board paid to the Provincial Treasurer the sum of \$19,025,000.00 on account of Profits, License Fees, etc., and \$975,000.00 from sales of Permits. The Board also paid, in accordance with the law, to the various municipalities, 20% of the fees received from Hotel Authorities, such amount totalling \$319,058.62, which was distributed to 316 municipalities.

Additional to the above substantial payments made by the Board, the Dominion Government received during the course of the year in Customs and Excise Duties and Sales and Excise Taxes on spirits, wines and imported beers purchased by the Board, \$14,638,280.12. There also was paid to the Dominion Government for Malt Duties and Taxes on domestic beers and wines sold in Ontario approximately \$18,000,000.00, making a total of about \$32,600,000.00.

Therefore the grand total of revenue payments received by the respective Municipal, Provincial and Dominion Governments reached a total of slightly under \$53,000,000.00 as a result of levies on alcoholic beverages sold in Ontario during the year. This amount was exclusive of Municipal realty and Provincial and Dominion corporation taxes paid by the respective manufacturers.

Since the commencement of operations of the Liquor Control Board of Ontario in June, 1927, until March 31st, 1944, payments to the Provincial Treasurer have reached a grand total of \$175,980,671.00.

STORES

The number of liquor stores in operation on March 31st, was one hundred and thirty: there having been no change in the number during the year.

BREWERIES AND BREWERS' RETAIL STORES

On March 31st, 1944, there were twenty-two Ontario and four Quebec breweries licensed to sell their products in Ontario, there having been no change from the previous year-end, but after the close of business March 31st, 1944, Bixel Brewing and Malting Company Ltd. ceased operations.

The gallonage of domestic beer sold in Ontario during the years 1940 to 1944 inclusive, as computed from the sales records of the Board and with respect to sales to destinations outside Ontario, from the monthly reports of the Ontario brewers, was as follows:

	1940 (12 months) Gallons	1941 (12 months) Gallons	1942 (12 months) Gallons	1943 (12 months) Gallons	1944 (12 months) Gallons
Sales from Liquor Stores' Stock Beer orders taken at Liquor Stores for delivery by breweries and brewers' retail stores.....	558,962	672,064	839,827	933,142	678,044
Sales from breweries and brewers' retail stores.....	13,512	5,004	6,739	5,636	267
Total Ontario Sale of Domestic Beer.....	26,756,549	30,626,640	37,640,744	40,650,522	37,807,947
Total Ontario Sale of Domestic Beer.....	27,329,023	31,303,708	38,487,310	41,589,300	38,486,258
Sales to other Provinces.....	1,914,210	2,344,029	2,923,485	3,269,717	3,460,560
Export Sales.....	58,033	133,610	1,394,525	1,280,491	2,071,002
Total.....	1,972,243	2,477,639	4,318,010	4,550,208	5,531,562

The number of Brewers' Retail Stores in operation at the year-end totalled one hundred and twenty-four, seven stores having been opened during the period at the following locations:

80W	269 Dalhousie St.,	Ottawa,	on October 1st, 1943.
119W	1856 Drouillard Road,	Windsor,	on December 13th, 1943.
120W	2133 Wyandotte St.,	Windsor,	on December 13th, 1943.
121W	208 Locke St.,	Hamilton,	on December 13th, 1943.
122W	977 King St. East,	Hamilton,	on December 21st, 1943.
123W	1199 Wellington St.,	Ottawa,	on December 24th, 1943.
124W	333 Davenport Rd.,	Toronto,	on December 21st, 1943.

From June 17th to September 16th, 1943, a Brewers' Retail Store was operated at Jackson's Point.

During the year under review, one Brewery changed its corporate name, as follows:—

Canada Bud Breweries Ltd. to O'Keefe's Ale Brewery Ltd.
284 Simcoe St., Toronto,
on October 1st, 1943.

As mentioned in previous reports, the policy of the Liquor Control Board has been to have periodical analyses made by the Chief Provincial Analyst of all brands of beer produced by the Ontario Breweries, as well as the products of the Quebec Breweries who are licensed to sell in the Province. The analyses of last year indicated that all the samples examined conformed to the requirements of the Regulations passed pursuant to The Food and Drug Act of Canada.

WINERIES

251 analyses of the products of all Ontario licensed wineries were effected during the year for the Board by the Provincial Department of Health in order to ensure that they conformed to the Board's Regulations with respect to Ontario wine. In addition twelve wineries availed themselves of the facilities of the

Provincial Board of Health Laboratories and procured twenty-seven cultures of wine yeast.

A price of \$50.00 per ton payable by wine manufacturers to the grape growers for grapes delivered for wine making was negotiated by the Board and proved acceptable to both parties, for the 1943 crop.

On March 31st, 1944, there were twenty-one wineries operating in Ontario. Sales were conducted direct from the premises of six wineries and from forty-three branch retail sales offices, there being no change since the previous year-end.

The following statistics of gallonage of native wine sold have been compiled from the monthly reports submitted to the Board by the respective wineries:

	1940 (12 months) Gallons	1941 (12 months) Gallons	1942 (12 months) Gallons	1943 (12 months) Gallons	1944 (12 months) Gallons
Sales at Wineries.....	998,100	1,101,193	1,054,881	1,040,949	864,060
Sales to the Board.....	764,326	896,801	834,519	856,741	614,675
Total Ontario Sales.....	1,762,426	1,997,994	1,889,400	1,897,690	1,478,735
Sales to other Provinces.....	1,455,432	1,850,008	1,537,579	1,806,083	1,542,432
Export Sales.....	2,136	5,892	4,766	5,315	61,602
Total.....	3,219,994	3,853,894	3,431,745	3,709,088	3,082,769

The tonnage of grapes and cherries used by the various wineries during the past three years was as follows:—

	12 months ended March 31st, 1941	12 months ended March 31st, 1942	12 months ended March 31st, 1943	12 months ended March 31st, 1944
Grapes used in the manu- facture of wine.....	15,603 tons	13,810 tons	13,414 tons	9,780 tons
Grapes used in the manu- facture of concentrates	3,748 tons	2,855 tons	3,786 tons	2,268 tons
Grapes used in the manu- facture of brandy.....	—	—	5,693 tons	491 tons
Cherries used in the manufacture of wine....	62 tons	236 tons	10 tons	9 tons
Total.....	19,413 tons	16,901 tons	22,903 tons	12,548 tons

Last year, 402,843 gallons of native wine were distilled into grape spirit for wine fortification, while during the year under review, 4,037 gallons were used for such purposes.

HOME-MADE WINE PERMITS

Since the Regulations which were designed to check the bootlegging of Home-made Wine became effective on January 1st, 1940, and which required that any person manufacturing more than 100 gallons of Home-made Wine must obtain a Permit from the Board, 1,368 Home-made Wine Permits had been issued up to March 31st, 1943.

During the fiscal year herein reviewed a further 42 Home-made Wine Permits have been issued, thus bringing the total to 1,410.

Since January 1st, 1940, 31 Home-made Wine Permits have been cancelled for failure on the part of the Permittee to comply with these Regulations or other provisions of the Liquor Control Act.

AUTHORITIES FOR THE SALE OF BEER AND WINE

The Minimum fee of \$300.00 per annum for full year Hotel and Railway Authorities, \$150.00 for six months' Summer Hotel Authorities, \$100.00 for Social Clubs and \$50.00 for Labour and Veterans' Clubs was continued.

The annual fees for Steamship Authorities and Military Mess Authorities were \$50.00 and \$30.00 respectively.

As of December 1st, 1943, a change in administrative policy with respect to the transfer of hotel authorities became effective. Whereas previously in the transfer of an hotel authority to a new owner the purchaser was required to pay the transfer fee to the Board, it was ordered that such fee, after December 1st, 1943, should be payable to the Board by the Vendor according to a graduated scale which was based on the gross value of the gallonage of beer purchased by the hotel authority-holder during the preceding twelve months. Such scale required the payment to the Board in the case of an hotel authority-holder purchasing 10,000 gallons during the preceding twelve months of a transfer fee approximating \$1,600.00. Where 30,000 gallons had been purchased, the transfer fee approximated \$9,600.00; in the case of an hotel authority-holder purchasing 100,000 gallons of beer, the transfer fee amounted to \$88,000.00. The establishment of such higher transfer fees resulted in any "unearned increment" which had developed by virtue of the operation of the authority by the hotel-keeper accruing to the benefit of the people of Ontario through the payment of such value by the Board to the Provincial Treasury.

In "authorized" premises, the hours of sale of beer and wine were restricted to 10.30 a.m. to 2 p.m.; 4 p.m. to 6.30 p.m., and 7.30 p.m. to 10 p.m., with clearance of beverage rooms by 10.30 p.m. daily, except on Saturdays and public holidays, when the afternoon closing rule did not apply. Service of beer in guest rooms of hotels holding "authorities" was prohibited.

Authorities were issued for six months to 38 Summer Hotels. Of these, five were extended to an annual basis after payment of the required additional fee.

On March 31st, 1944, the end of the fiscal year—there were 1,193 Hotel Authorities in operation, 237 Club Authorities, and 204 Military Mess Authorities.

Complete details by Municipalities of the number of Authorities which were issued, cancelled, suspended or surrendered during the year, together with reinstatements, are set forth on Schedule IV.

HOTELS

On March 31st, 1944, 1,292 Standard Hotel Licenses were effective, of which 1,193 possessed an Authority to sell beer and wine; 99 held only the Standard Hotel License. There was no change in fees.

Frequent inspections were made of all hotels and clubs in the Province by the Board's Inspectors, who are required to submit monthly conduct reports in respect of each premises visited, and also a more detailed report once per year.

PERMITS

From April 1st, 1943, to March 31st, 1944, there were 1,280,306 Individual Annual Liquor Permits issued. Individual Permits sold to non-residents, valid for a period not exceeding one month, numbered 102,005. In addition, 4,178 Special Permits were issued to Physicians, Druggists, Hospitals, etc.

In accordance with the requirements of the Act, the Board deemed it advisable during the year to issue 3,334 Prohibitory Orders. Such action followed either notification relative to conviction for violation of the Act, or the receipt of a request or recommendation from some interested party, such as a relative, friend, magistrate, police officer, physician, relief officer, etc. These Prohibitory Orders comprised 1,506 full Board Orders which precluded the individual concerned from purchasing alcoholic beverages from any source, of which 48 resulted from Judges' Orders of Interdiction, and 621 were the result of convictions having been registered under the Criminal Code of Canada for intoxication while in charge of a motor vehicle.

Of the remaining 1,828 Orders, which varied in degree of restriction, 672 followed the conviction of the individual for violation of The Liquor Control Act, and the premises of 283 of these were declared a "public place" within the meaning of the Act. The other Orders were issued as being in the best interest of all concerned according to the judgment of the Board.

During the year, after full investigation and consideration, it was decided to fully revoke 820 and partially revoke 119 of the Prohibitory Orders which had been made effective at some prior date.

1,571 Special Permits were issued to Druggists. These Permits allowed the druggist to purchase liquor in limited quantities for compounding medicines or as a solvent or preservative. It also accorded him the privilege of buying rubbing alcohol for re-sale. The premises of all holders of Druggists' Special Permits were subject to periodical inspection and, in addition, druggists were required to maintain an accurate record of each purchase and sale of rubbing alcohol.

Efforts were continued to prevent the use of rubbing alcohol as a beverage, and during the year the names of 83 addicts were posted with all druggists in the large communities of the Province.

GENERAL

I desire to express my appreciation of the co-operation extended to me by the staff in general.

I have the honour to be, Sir,

Your obedient servant,

V. T. GOGGIN,

Chief Commissioner.

BALANCE SHEET

As at March 31st, 1944

ASSETS

Land, Buildings, Furniture, Equipment, Fixtures and Alterations to Rented Premises, less amounts written off.....		\$ 102,177.00
Cash on Hand, in Transit and in Banks.....	\$4,622,936.14	
Accounts Receivable.....	333,908.19	
Inventories of Liquor and Supplies in Warehouses and Stores (Valued at Cost).....	2,992,245.91	
		7,949,090.24
Prepaid Charges.....		82,815.36
		<u>\$8,134,082.60</u>

LIABILITIES

Accounts Payable, Accrued Charges, Deferred Revenue, etc.....		\$1,860,344.66
---	--	----------------

Due Provincial Treasurer, for

Permit Sales—Balance from March 31st, 1943.....	\$ 23,742.17
Permit Sales—April 1st, 1943, to March 31st, 1944 (Net).....	1,161,513.22

	\$1,185,255.39
Less: Paid to Provincial Treasurer.....	975,000.00

	\$ 210,255.39
Confiscated Liquor Stocks.....	9,935.67
	<u>220,191.06</u>

Surplus:

Balance carried from Surplus Account.....	25,078,546.88
Less: Paid to Provincial Treasurer during the year ended March 31st, 1944.....	19,025,000.00

Balance March 31st, 1944.....	6,053,546.88
-------------------------------	--------------

Contingent Liabilities:

Duty on Stocks in Bond.....	\$2,494,912.34
Liquors ordered but not delivered (including duty, freight, etc.).....	2,832,552.23

\$8,134,082.60

AUDITORS' CERTIFICATE

We hereby certify that, in our opinion, the above Balance Sheet exhibits a true and correct view of the affairs of The Liquor Control Board of Ontario as at March 31st, 1944, and that the records and accounts of the same date conform thereto.

ROBERTSON, ROBINSON, McCANNELL & DICK,

Chartered Accountants.

Toronto, June 10, 1944.

PROFIT AND LOSS ACCOUNT

For the Year Ended March 31st, 1944

	Percentage to Sales	
	1943-1944	1942-1943
<i>Sales by Vendors</i>		
Store Counter and Mail Order Sales of Wines, Spirits and Beer.....	\$43,907,333.95	
Beer Orders taken at Stores for delivery by Breweries and Brewers' Retail Stores.....	504.40	
	\$43,907,838.35	100.00% 100.00%
Stock on Hand March 31st, 1943.....	5,770,980.97	
Purchases.....	24,100,163.49	
	\$29,871,144.46	
Less: Stock on Hand March 31st, 1944.....	2,942,480.09	
Cost of Sales by Vendors.....	26,928,664.37	61.33% 65.26%
Gross Profit on Sales.....	\$16,979,173.98	38.67% 34.74%
Miscellaneous Earnings.....	18,420.72	.04% .04%
	\$16,997,594.70	38.71% 34.78%
<i>Expenses:</i>		
Administration and Operating Expenses, Head Office, Warehouses and Stores— Schedule I.....	2,548,485.85	
Items Written Off.....	15.99	
Depreciation on Furniture, Equipment, Fixtures and Alterations to Rented Premises written off and reserved for.....	3,523.18	2,552,025.02 5.81% 5.20%
	14,445,569.68	32.90% 29.58%
<i>Other Revenue:</i>		
Brewers' Retail Store License Fees.....	145,908.43	
Brewers' License Fees.....	98,250.00	
Malt Tax.....	2,530,147.53	
Gallonage Tax.....	835,640.07	
Authority Holders' Fees (Net after deducting Municipalities' Share).....	1,480,463.33	
Miscellaneous Licenses.....	1,472.00	
Fines (Net).....	33,680.94	
Native Wine Tax and Licenses.....	292,257.55	5,417,819.85 12.34% 14.72%
Net Income for Year carried to Surplus Account.....	\$19,863,389.53	45.24% 44.30%

SURPLUS ACCOUNT

For the Year Ended March 31st, 1944

Balance as at March 31st, 1943.....	\$ 5,214,409.69
Add Sundry Adjustments.....	747.66
Add Net Income for the year ended March 31st, 1944.....	19,863,389.53
Balance carried to Balance Sheet.....	<u>\$25,078,546.88</u>

SCHEDULE I

ADMINISTRATION AND OPERATING EXPENSES
HEAD OFFICE, WAREHOUSES AND STORES

For the Year Ended March 31st, 1944

and

Number of Employees on the Staff at March 31st, 1944

		Percentage to Total Sales	
		1943-1944	1942-1943
Salaries (Less Permit Allowance).....	\$1,631,893.25	3.72%	3.07%
Legal and Audit.....	18,248.05	.04%	.04%
Rents paid, less received.....	192,655.00	.44%	.49%
Travelling.....	52,474.08	.12%	.14%
Superannuation.....	45,444.44	.10%	.12%
Insurance.....	12,312.70	.03%	.04%
Postage.....	18,089.92	.04%	.03%
Stationery.....	38,771.54	.09%	.09%
Telephone and Telegraph.....	15,422.59	.04%	.04%
Protection Service.....	5,280.00	.01%	.01%
Breakage.....	5,419.13	.01%	.01%
Ration Coupons.....	98,914.83	.23%	
Light, Heat and Power.....	35,424.69	.08%	.09%
Repairs and Maintenance.....	33,037.43	.07%	.07%
Sundries.....	17,148.63	.04%	.04%
Freight and Cartage.....	150,272.35	.34%	.35%
Terminal Warehouse Charges.....	90,915.61	.21%	.27%
Taxes—Business.....	22,412.72	.05%	.06%
Discounts to Hospitals, etc.....	3,075.45	.01%	.01%
Truck Maintenance.....	24,471.21	.06%	.05%
Packing Materials.....	36,802.23	.08%	.07%
	<u>\$2,548,485.85</u>	<u>5.81%</u>	<u>5.09%</u>

NUMBER OF EMPLOYEES ON THE STAFF

(Including Three Hundred and Five temporary employees whose services are either part-time or seasonal)

Commissioner's Staff.....	2	
Director of Hotels and Personnel.....	29	
Comptroller's Staff.....	10	
Legal Department.....	1	
Accounting Department.....	54	
Beer and Wine Department.....	31	
Permit Department.....	36	
Purchasing and Supply Department.....	7	
Traffic Department.....	3	
Customs Department.....	3	
Stock Supervision Department.....	13	
Brewery Inspection Department.....	29	
Winery Inspection Department.....	3	
Wine Permits and Licenses.....	4	
Store Inspection Department.....	15	
Head Office Maintenance Staff.....	5	
Garage.....	6	
Stores.....	819	
Warehouses.....	74	893
		<u>1,144</u>

SCHEDULE II

LIQUOR STORES, LICENSED BREWERS' RETAIL STORES, BREWERIES AND
WINERIES IN ONTARIO AT 31st MARCH, 1944

LIQUOR STORES

Store No.

1	Church and Lombard Streets.....	Toronto
2	122 Wellington Street West.....	Toronto
3	1271 Dundas Street West.....	Toronto
4	170 Danforth Avenue.....	Toronto
5	1881 Queen Street East.....	Toronto
6	1271 Queen Street West.....	Toronto
7	2223 Dundas Street West.....	Toronto
8	928 St. Clair Avenue West.....	Toronto
9	959 Bloor Street West.....	Toronto
10	1121 Yonge Street.....	Toronto
11	949 Gerrard Street East.....	Toronto
12	402 Parliament Street.....	Toronto
13	1448 Danforth Avenue.....	Toronto
14	454 Spadina Avenue.....	Toronto
15	292 Dupont Street.....	Toronto
16	106 Richmond Street West.....	Toronto
18	Midland Avenue and Kingston Road.....	Scarboro Bluffs
19	Rogers Road and Blackthorn Avenue.....	Toronto
20	802 Lake Shore Road.....	New Toronto
21	29 Charles Street.....	Hamilton
22	673 King Street East.....	Hamilton
23	1057 Barton Street East.....	Hamilton
24	216 King Street.....	Port Colborne
25	81 King Street West.....	Dundas
26	419 Talbot Street.....	London
27	629 Dundas Street.....	London
28	12 Canal Street.....	Dunnville
29	Berford Street.....	Warton
30	82 Durham Street.....	Walkerton
31	47 Hurontario Street.....	Collingwood
32	94 Wyandotte Street East.....	Windsor
33	241 Drouillard Road.....	Windsor
34	1284-86 Ottawa Street.....	Windsor
35	3236 Sandwich Street West.....	Windsor
36	272 Queen Street.....	Ottawa
37	685 Bank Street.....	Ottawa
38	188 Rideau Street.....	Ottawa
39	King Street East.....	Cobourg
40	42-46 Princess Street.....	Kingston
41	209 Victoria Avenue.....	Fort William
42	101 King Street West.....	Brockville
43	137 King Street East.....	Kitchener
44	69 Dalhousie Street.....	Brantford
45	408 George Street.....	Peterborough
46	224 Front Street North.....	Sarnia
47	23 Ontario Street.....	St. Catharines
48	937 Victoria Avenue.....	Niagara Falls
49	66 Pitt Street.....	Cornwall
50	Cedar and Elgin Streets.....	Sudbury
51	72 Carden Street.....	Guelph
52	24-26 Cross Street.....	Welland
53	66 Cumberland Street South.....	Port Arthur
54	88 Main Street East.....	North Bay
55	32 Pembroke St. West.....	Pembroke
56	King Street.....	Prescott
57	37 Bridge Street East.....	Belleville
58	8½ Balsam Street North.....	Timmins
59	72 Collier Street.....	Barrie
60	88 Ontario Street.....	Stratford
61	210 King Street West.....	Chatham
62	314 Talbot Street.....	St. Thomas
63	343 Queen Street East.....	Sault Ste. Marie
64	516 Dundas Street.....	Woodstock

LIQUOR STORES—Continued

Store No.

65	Front Street.....	Trenton
66	6th Avenue North.....	Cochrane
67	Main and Ferguson Streets.....	Haileybury
68	214 Main Street South.....	Kenora
69	Church Street and Mowat Avenue.....	Fort Frances
70	22 Beckwith Street.....	Smith's Falls
71	King and Main Streets.....	Gananoque
72	34 Gore Street.....	Perth
73	610 King Street.....	Preston
74	67 Robinson Street.....	Simcoe
75	226 Devonshire Avenue.....	Iroquois Falls
76	28 Silver Street.....	Cobalt
77	121 Main Street.....	Penetang
78	Wellington Street and Whitewood Ave.....	New Liskeard
79	79 Walton Street.....	Port Hope
80	Parry Sound Road.....	Parry Sound
81	King and Queen Streets.....	Sturgeon Falls
82	79 Kent Street.....	Lindsay
83	31 Main Street West.....	Hawkesbury
84	Main Street.....	Picton
85	Daniel and Elgin Streets.....	Arnprior
86	Queen and White Streets.....	Dryden
87	Fourth Avenue.....	Sioux Lookout
88	River Street East.....	Paris
89	Pembroke and Mattawa Road.....	Mattawa
90	90 Simcoe Street North.....	Oshawa
91	4 Kirkland Street.....	Kirkland Lake
92	Third Street.....	Englehart
93	Gilmour Road.....	Fort Erie
94	Bridge Street North.....	Eganville
95	21 Water Street North.....	Galt
96	112 Main Street.....	Deseronto
97	Dundas Street.....	Napanee
98	22 Main Street.....	Alexandria
99	Emard Street.....	Embrun
100	25 Albert Street.....	Thorold
101	48 Main Street.....	Grimsby
102	Muskoka Street.....	Gravenhurst
103	Tudhope Street.....	Espanola
104	Main Street East.....	Thessalon
105	Concession Street and Bridge Street.....	Tamworth
106	Main Street.....	Huntsville
107	Main Street.....	Palmerston
108	Woodward Avenue.....	Blind River
109	Murray and Bathurst Streets.....	Amherstburg
110	46 Wallace Street.....	Wallaceburg
111	Bedford Street.....	Westport
112	37 Government Road.....	Kapuskasing
113	Opongo Street.....	Barry's Bay
114	Cor. Fourth Street and Broadway.....	Rainy River
115	36-38 King Street South.....	Waterloo
116	26 Arthur Street.....	Elmira
117	17 Birch Street.....	Chapleau
118	114 Young Street.....	Capreol
119	9 Main Street.....	Merrickville
120	West Dock.....	Peele Island
121	1008 Wellington Street West.....	Ottawa
122	George Street.....	Hearst
123	Main Street.....	Lancaster
124	Cor. Picton and King Streets.....	Niagara-on-the-Lake
125	99 Laurier Street.....	Rockland
126	Queen Street.....	Tilbury
127	Main Street.....	Morrisburg
128	Bruce Avenue.....	South Porcupine
129	Main Street.....	Geraldton
130	Manitoba Street.....	Bracebridge
131	Erie Street South.....	Ridgetown

BREWERS' RETAIL STORES

Store No.		
1W	572½ Church Street.....	Toronto
2W	194 Queen Street East.....	Toronto
3W	614 Queen Street West.....	Toronto
4W	398 College Street.....	Toronto
5W	955 Bloor Street West.....	Toronto
6W	1257 Queen Street West.....	Toronto
7W	2160 Dundas Street West.....	Toronto
8W	1083 St. Clair Avenue West.....	Toronto
9W	440 Danforth Avenue.....	Toronto
10W	2149 Danforth Avenue.....	Toronto
11W	145 John Street North.....	Hamilton
12W	1080 Barton Street East.....	Hamilton
13W	83 Carling Street.....	London
14W	594 Dundas Street.....	London
15W	413 Hamilton Road.....	London
16W	1573 McDougall Street.....	Windsor
17W	1246 Ottawa Street.....	Windsor
18W	4281 Wyandotte Street East.....	Windsor
19W	268 Queen West.....	Ottawa
20W	Broad and Wellington Streets.....	Ottawa
21W	208 Wellington Street.....	Kingston
22W	670 Bridge Street.....	Niagara Falls
23W	78 Niagara Street.....	St. Catharines
24W	11 College Street.....	Kitchener
25W	217 Talbot Street.....	St. Thomas
26W	211 Pearl Street.....	Port Arthur
27W	269 Water Street.....	Peterborough
28W	131 Wellington St.....	Brantford
29W	113 Quebec Street East.....	Guelph
30W	594 East Market and Water Sts.....	Brockville
31W	6 Dover Street.....	Chatham
32W	221 Sherman Avenue North.....	Hamilton
33W	155 Front Street.....	Belleville
34W	68-72 Pitt Street.....	Cornwall
35W	University and Spring Streets.....	Cobourg
36W	177 Main Street.....	Prescott
37W	22 Lorne Street.....	Sudbury
38W	210 Maxwell Street.....	Sarnia
39W	107 Oak Street West.....	North Bay
40W	2 King Street East.....	Lindsay
41W	193 Railway Street.....	Cochrane
42W	215 Bay Street.....	Sault Ste. Marie
43W	16 Victoria Street North.....	Smiths Falls
44W	Front Street.....	Trenton
45W	15 Riverbank Street.....	Welland
46W	36-38 Reeve Street.....	Woodstock
47W	32 Erie Street.....	Stratford
48W	Killally Street.....	Port Colborne
49W	1 Second Street.....	Timmins
50W	Pond Street.....	Simcoe
51W	269 Mill Street.....	Port Hope
52W	19 Main Street.....	Penetang
53W	182 Victoria Street.....	Pembroke
54W	553 King Street.....	Preston
55W	27 Cockburn Street.....	Perth
56W	Railway Street.....	Kenora
57W	624 Mowat Street.....	Fort Frances
58W	187 King Street.....	Gananoque
59W	5 Gilmour Road.....	Fort Erie
60W	16 Bayfield Street.....	Barrie
61W	330 Catherine Street.....	Ottawa
62W	Brunel and Main Streets.....	Huntsville
63W	82 Amwell Street.....	Haileybury
64W	First Avenue and Second St. North.....	Geraldton
65W	Elgin and Harriett Streets.....	Arnprior
66W	156 Lake Shore Road.....	Mimico
67W	Ross Street.....	Picton
68W	Murray and Bathurst Streets.....	Amherstburg
69W	North Cayuga Street.....	Dunnville
70W	Main Street.....	Belle River

BREWERS' RETAIL STORES—Continued

Store No.		
71W	Main Street.....	Glencoe
72W	Champagne Street.....	Parry Sound
73W	Main Street.....	Ridgetown
74W	Queen Street South.....	Tilbury
75W	55-57 First Avenue.....	Schumacher
76W	1087 Queen Street East.....	Toronto
77W	59 King Street West.....	Dundas
78W	499 James Street North.....	Hamilton
79W	1 Queen's Avenue.....	Leamington
80W	269 Dalhousie Street.....	Ottawa
81W	161 King Street West.....	Oshawa
82W	24 St. Paul Street.....	St. Catharines
83W	9 Market Street.....	Thorold
84W	4 Dunn Street.....	Oakville
85W	Front Street.....	Sioux Lookout
86W	Berford Street.....	Wiarion
87W	35 Prospect Avenue.....	Kirkland Lake
88W	Durham and Peter Streets.....	Walkerton
89W	39 Dickson Street.....	Galt
90W	Muskoka Road and Main Street.....	Gravenhurst
91W	Mill Street.....	Napanee
92W	162 Wyandotte Street East.....	Windsor
93W	Nelson Street.....	Wallaceburg
94W	1393 Gerrard Street East.....	Toronto
95W	Goderich and Green Streets.....	Port Elgin
96W	6 Marlborough Street South.....	East Cornwall
97W	Locke Street.....	Morrisburg
98W	2422 Dufferin Street.....	York Township
99W	1133 Yonge Street.....	Toronto
100W	Norman Street.....	Palmerston
101W	Elgin and Simcoe Streets.....	Collingwood
102W	591-3 Bayview Avenue.....	Leaside
103W	Government Road.....	Kapuskasing
104W	Nation Street.....	Casselman
105W	325 Simpson Street.....	Fort William
106W	13 Water Street.....	Burlington
107W	Broadway and London Streets.....	Tillsonburg
108W	149 West Frederika Street.....	West Fort William
109W	Durham Road.....	Hanover
110W	Market and Mill Streets.....	Georgetown
111W	Main and Thomas Streets.....	Bracebridge
112W	1373 Main Street East.....	Hamilton
113W	Main Street.....	Blenheim
114W	123 Brock Street North.....	Whitby
115W	326 Silverthorn Avenue.....	York Township
116W	Main Street West.....	Kingsville
117W	Main Street.....	Thedford
118W	2108 Main Street South.....	Niagara Falls
119W	1856 Drouillard Road.....	Windsor
120W	2133 Wyandotte St. West.....	Windsor
121W	208 Locke Street.....	Hamilton
122W	977 King Street East.....	Hamilton
123W	1199 Wellington Street.....	Ottawa
124W	333 Davenport Road.....	Toronto

BREWERIES

Bixel Brewing and Malting Company, Ltd.....	Brantford
Blue Top Brewing Company, Limited.....	Kitchener
Brading Breweries, Limited.....	Ottawa
British American Brewing Company, Ltd.....	Windsor
Capital Brewing Company, Limited.....	Ottawa
Carlings Breweries, Limited.....	Waterloo
Copland Brewing Company, Limited.....	Toronto
Cosgrave's White Label Brewery, Limited.....	Toronto
Cosgrave's White Label Brewery (East Toronto) Ltd.....	Toronto
Formosa Springs Brewery, Limited.....	Formosa
Fort Frances Brewing Company, Limited.....	Fort Frances

BREWERIES—Continued

Kakabeka Falls Brewing Company, Ltd.....	Fort William
John Labatt, Limited.....	London
Lake of the Woods Brewing Company, Limited.....	Kenora
O'Keefe's Ale Brewery, Ltd.....	Toronto
O'Keefe's Brewing Company, Limited.....	Toronto
Perth Brewery.....	Stratford
Port Arthur Beverage Company, Limited.....	Port Arthur
Soo Falls Brewing Company, Limited.....	Sault Ste. Marie
Sudbury Brewing & Malting Company, Limited.....	Sudbury
Union Brewery, Limited.....	Timmins
Walkerville Brewery, Limited.....	Windsor

LICENSED BREWING COMPANIES LOCATED OUTSIDE THE PROVINCE OF ONTARIO, THE
PRODUCTS OF WHICH ARE SOLD THROUGH ONTARIO BREWERS' RETAIL STORES

Molson's Brewery, Limited.....	Montreal, Que.
National Breweries, Limited.....	Montreal, Que.
Wm. Dow & Co.—Montreal)	
(Dawes Black Horse Breweries—Montreal)	
(Frontenac Breweries, Ltd.—Montreal)	

WINERIES

SALES OFFICE

Acme Wine Co. Ltd.,	708 Danforth Ave., Toronto
889 Queen St. W., Toronto	
Barnes Wines Ltd.,	703 Yonge St., Toronto
Grantham Twp., St. Catharines.	16 Main St. E., North Bay
	189 Front St., Belleville
Bordeaux Wines Ltd.,	771 Queen St. E., Toronto
R. R. No. 2, Stone Road, Niagara-on-the-Lake.	
Bright's Wines, Limited,	513 St. Clair Ave. W., Toronto
Dorchester Road, Niagara Falls,	209 Yonge St., Toronto
Stamford Township.	186 Sparks St., Ottawa
	91 King St. E., Hamilton
	31-33 Elm St., Sudbury
	591 Ouelette Ave., Windsor
	187 Dundas St., London
	520 Bloor St. W., Toronto
	261 Coxwell Ave., Toronto
Chateau Gai Wines Ltd.,	878 Yonge St., Toronto
Stamford and Grantham Twps., Niagara Falls.	378 Talbot St., St. Thomas
	306 St. Paul St., St. Catharines
	940 St. Clair Ave. W., Toronto
Cooksville Wine Vaults,	Dundas Highway, Cooksville
Alex. Thomas, Prop.,	
Dundas Highway, Cooksville.	
Danforth Wines Ltd.,	1426 Yonge St., Toronto
1076 Lakeshore Rd., New Toronto.	828 Lakeshore Road, New Toronto
	2091 Danforth Ave., Toronto
	26 Queen St. E., Toronto
Grimsby Wines Ltd.,	427 Spadina Ave., Toronto
164 Main St. W., Grimsby.	
Hamilton, J. S. & Co. Ltd.,	44-46 Dalhousie St., Brantford
44-46 Dalhousie St., Brantford.	
Jordan Wine Co. Ltd.,	169 Sparks St., Ottawa
St. Catharines.	1314 Bloor St. W., Toronto
Kitchener Winery,	180 King St. W., Kitchener
Bruno Huehnergard, Prop.	
R. R. No. 3, Kitchener.	
London Winery Ltd.,	1548 Bloor St. W., Toronto
Lambeth Highway, Westminster Twp., London.	123 Dundas St., London
	268 Princess St., Kingston
	52 Rideau St., Ottawa
	174 King St. W., Chatham
	Carden & Wyndham, Guelph
Fred Marsh Winery Ltd.,	73 Bank St., Ottawa
R. R. No. 3, Portage Road, Niagara Falls	31 Second St., Cornwall

WINERIES—Continued

National Wine Co. Ltd., 27 Brock Ave., Toronto	27 Brock Ave., Toronto
Old Battlefield Wine Co., Bertrand Sanderson, Prop., R. R. No. 5, Hamilton	287 Ottawa St. N., Hamilton
The Parkdale Wines, Ltd., 181-185 Bathurst St., Toronto	181 Bathurst St., Toronto 1157 St. Clair Ave. W., Toronto 42 Government Rd. W., Kirkland Lake 501 Church St., Toronto
Peerless Wine Mfgs. Ltd., 448 Queen St. E., Toronto	448 Queen St. E., Toronto
St. Catharines Wine Co. of Canada Ltd., Woodburn Ave., St. Catharines	10-10½ Cedar St. S., Timmins 497 Parliament St., Toronto
Turner Wine Company, Mrs. H. Padden Robinson, Prop. 104-106 Front St. E., Toronto	198 Queen St. W., Toronto 15 King William St., Hamilton
Twin City Wine Co., 514 McTavish St., Fort William	287 Bay St., Port Arthur
Welland Winery, Louis Banko, Prop. 268 King St., Welland.	272 King St., Welland

SCHEDULE III

STATEMENT SHOWING THE NUMBER OF PERMITS AND LICENSES
WHICH WERE ISSUED DURING THE TWELVE MONTHS' PERIOD
ENDING MARCH 31st, 1944

Permits

Resident.....	1,280,306
Temporary.....	102,005
Duplicate.....	11,475
Hospitals.....	288
Physician.....	300
Druggist.....	1,571
Dentist and Veterinary Surgeons.....	228
Manufacturers.....	155
Mechanical and Scientific.....	131
Duplicate Special.....	15
Officers' Mess.....	247
Sacramental or Mass Wine.....	1,193
First Aid.....	65

Licenses

Brewers'	26
Brewers' Retail Stores.....	1,499
Native Wine.....	21
Sacramental Wine Vendorships.....	4
Non-Potable Alcohol Storage Warehouses.....	4

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES
 ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE
 YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1944 Schedule IV

Municipalities	Authorities Issued				Authorities Cancelled, Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1944				Standard Hotel Licenses Issued to non-authority holders
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	
Acton.....	2												2				1
Adjala Township.....	1												1				
Albion Twp.....																	
Alexandria.....	2												2				
Alfred Township.....	3												3				
Algoma North Township.....	1												1				
Almonte.....	1												1				
Alvinston.....	2												2				
Ameliasburg.....	2		1										2	1			
Amherstburg.....	2	1											2				
Anderdon Township.....	1												1				
Anson Township.....	2												2				
Armstrong Township.....	2												2				
Arnprior.....	2		1										2				
Arthur.....	2												2				
Assignack Township.....																	1
Aylmer.....	1												1				
Ayr.....	1												1				
Bala.....	2												2				
Baldwin Township.....	1												1				

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES
ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE
YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1944 Schedule IV—(Continued)

Municipalities	Authorities Issued				Authorities Cancelled, Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1944				Standard Hotel Licenses Issued to non-authority holders		
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships			
Fort Erie.....	10	2	1	1	1	1	1	1	1	1	1	1	10	1	1	1	1	1	1
Fort Frances.....	6	1	1	1	1	1	1	1	1	1	1	1	6	1	1	1	1	1	1
Fort William.....	11	7	1	1	1	1	1	1	1	1	1	1	11	7	1	1	1	1	1
Franklin Township.....	4	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1	1
Galt.....	3	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1
Gananoque.....	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
Georgetown.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Georgina Township.....	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
Geraldton.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Glanford Township.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Glencoe.....	3	2	1	1	2	1	1	1	1	1	1	1	3	2	1	1	1	1	1
Gloucester Township.....	4	2	1	1	1	1	1	1	1	1	1	1	4	2	1	1	1	1	1
Goderich.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Gore Bay.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Gower N. Township.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Grantham Township.....	2	1	2	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1
Gravenhurst.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Greenock Township.....	2	2	3	1	1	1	1	1	1	1	1	1	2	2	3	1	1	1	1
Grimshy.....	2	3	3	1	1	1	1	1	1	1	1	1	2	3	3	1	1	1	1
Guelph.....	6	1	1	1	1	1	1	1	1	1	1	1	6	1	1	1	1	1	1

SUMMARY OF AUTHORITIES, STANDARD HOTEL LICENSES ISSUED, CANCELLED, SUSPENDED OR SURRENDERED AND REINSTATED DURING THE YEAR WITH NUMBER OPERATIVE ON MARCH 31st, 1944 Schedule IV—(Continued)

Municipalities	Authorities Issued				Authorities Cancelled, Suspended or Surrendered				Authorities Re-instated which had been previously Suspended				Authorities Operative March 31, 1944				Standard Hotel Licenses Issued to non-authority holders
	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	Standard Hotel License Holders	Clubs	Military Messes	Railways and Steamships	
Woodbridge.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Woodstock.....	4	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Woolwich Township.....	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Yarmouth Township.....	..	7	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..
York Township.....	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
York East Township.....	2	4	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
York North Township.....	2	5	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Unorganized Territory.....	66	3	4	..	14	1	..	..	2	..	..	..	..	..	..	..	..
	1237	265	234	8	90	35	31	8	46	7	1	..	1193	237	204	..	99..

Ontario Department of Agriculture

REPORT

OF THE

Minister of Agriculture

Province of Ontario

FOR THE YEAR ENDING MARCH 31st, 1944

Printed by Order of
THE LEGISLATIVE ASSEMBLY OF ONTARIO
(Sessional Paper No. 21)



ONTARIO

TORONTO

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

1944

DEPARTMENT OF AGRICULTURE
PROVINCE OF ONTARIO

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

MAY IT PLEASE YOUR HONOUR:

I have the honour to submit the Report of the Department of
Agriculture for the year 1943-1944.

I have the honour to be, sir,

Your obedient servant,

THOMAS L. KENNEDY,
Minister of Agriculture.

Toronto, March 31st, 1944.

PRINCIPAL OFFICERS OF THE DEPARTMENT OF AGRICULTURE

THE HONOURABLE THOMAS L. KENNEDY, Minister

W. R. REEK, Deputy Minister

R. S. DUNCAN, Assistant Deputy Minister

MISS B. MacDONALD, Secretary to the Minister

MISS M. S. MARTIN, Accountant

- G. I. CHRISTIE, B.S.A., D.Sc., LL.D.....*President, Ontario Agricultural College.*
- C. D. McGILVRAY, M.D.V., D.V.Sc.....*President, Ontario Veterinary College.*
- M. C. McPHAIL, B.S.A.....*Principal, Kemptville Agricultural School.*
- E. F. PALMER, B.S.A.....*Director, Horticultural Experiment Station,
Vineland.*
- J. C. STECKLEY, B.S.A.....*Director, Western Ontario Experimental Farm,
Ridgetown.*
- T. A. DOUGLAS, B.S.A.....*Superintendent, Demonstration Farm, New
Liskeard.*
- W. A. MONTCALM, B.S.A.....*Superintendent, Demonstration Farm, Hearst.*
- N. C. ENGELTER.....*Acting Director, Statistics and Publications
Branch.*
- J. A. CARROLL, B.S.A.....*Superintendent, Agricultural and Horticultural
Societies Branch.*
- L. E. O'NEILL, B.S.A.....*Director, Live Stock Branch.*
- MISS MARY A. CLARKE, M.A.....*Director, Women's Institutes Branch.*
- GEORGE WILSON, B.S.A.....*Director, Fruit Branch.*
- C. E. LACKNER, B.S.A.....*Director, Dairy Branch.*
- C. D. GRAHAM, B.S.A.....*Director, Agricultural Representative Branch.*
- CHARLES M. MEEK, B.S.A.....*Chairman, Milk Control Board of Ontario.*
- G. F. PERKIN, B.A.....*Director, Co-operation and Markets Branch.*
- J. D. McLEOD, B.S.A.....*Director, Crops, Seeds and Weeds Branch.*
- M. McINTYRE HOOD.....*Director of Publicity.*
- R. W. THOMPSON, B.S.A.....*Provincial Entomologist.*
- L. STEVENSON, B.V.Sc., M.S.....*Provincial Zoologist.*

ONTARIO AGRICULTURAL COLLEGE

In the regular courses in Agriculture, the enrolment for the year was 239. The Freshman class consisted of 58 students. The graduating class had an enrolment of 72.

Attendance in short courses shows an increase over the previous year. Winter short courses, held from December 27, 1943 to January 1, 1944, were attended by 444 young men and women. These courses included work in Livestock, Soils, and Crops, Horticulture, Beekeeping, Farm Mechanics, and Co-operation and Leadership. Other short courses varying in length from a few days to three months were held at different periods throughout the year. The total attendance in all short courses was 827.

School of Cookery

The R.C.A.F. School of Cookery was continued and had an enrolment of 350. Instructors from the Departments of Home Economics, Horticulture, Dairying, Poultry, Bacteriology, Entomology, and the Meat Laboratory assisted in instructing the students. On July 26, 27, 28, 1943, a group of Naval Dietitians, W.R.C.N.S., visited the R.C.A.F. Cookery School for a series of lectures and demonstrations.

Dairy Short Courses

To alleviate the great shortage of qualified labour in the Dairy Industry, the Unemployment Insurance Commission of Canada suggested that special courses for training Dairy workers should be given. Under the joint auspices of the Dominion-Provincial War Emergency Training Plan, two courses have already been completed. The first, with an enrolment of 65 students, was begun November 1, 1943, and the second, with an enrolment of 67 students, was begun February 1, 1944. Arrangements were made by the government agency involved to pay a weekly subsistence allowance to these students. All students in both courses were immediately taken into the industry on completion of their work.

Study Course for Field Staff of Veterans' Land Act

The Field and Regional Office Staffs of the Veterans' Land Act, together with the senior officials of the Toronto District office met at the College from February 14 to 25, 1944, for a special conference and study course in land classification and valuation and in production problems. As a result, members of this group will be better qualified to select land which is to be made available for the settlement of soldiers, sailors, and airmen returning from overseas at the close of the war.

Farm Machinery Short Course

In co-operation with the Agricultural Representative Branch of the Department of Agriculture, a three-day refresher course in Farm Mechanics was held at the College on December 1, 2, and 3, 1943. This course was arranged in support of the programme being carried out by the Farm Machinery Committee of the Department for the maintenance and repair of farm machinery.

Course For Egg Graders

Owing to the current shortage of experienced egg graders, three special egg-grading classes of one week each were arranged at the College. One was held in May, one in November and one in December. Students were selected by grading station operators and returned to their respective stations at the completion of their course.

Course For Chick Sexers

A special short course of one week was held in December for chick sexers. The attendance of twenty persons was the maximum that could be accommodated at one time. More applications were received than could be accepted.

Reading Course In Russian

In 1944 a special course in Russian for interested students and members of the staff was arranged and given by Mr. K. M. Gunvaldsen, M.A., of the Department of English.

MILITARY TRAINING

Canadian Officers' Training Corps

The Ontario Agricultural College Contingent, Canadian Officers' Training Corps concluded its twenty-sixth year with a strength of 164.

Summer training was extremely interesting as it was taken at an Active Service camp, A-29, C.I.T.C., at Camp Ipperwash. Major W. J. S. Knox was largely instrumental in obtaining this privilege.

The Unit is proud of the fact that of the 102 Cadets recommended for the active service as officers, every one was successful in obtaining a commission.

University Air Training Corps

The University Air Training Corps continued its second year of training with a nominal roll of 65 men from the Ontario Agricultural College and Ontario Veterinary College. Instruction was given by members of the College staff and representatives from No. 4 Wireless School. Special instructors were supplied for Navigation and Airmanship.

Annual inspection was held in the spring with Group Captain Richards of No. 5, S.F.T.S., Brantford, as the Reviewing Officer.

Graduating students of both Colleges did not have to attend summer camp. Therefore, as 12 other students were granted exemption for work on the farm, a small contingent of 35 first, second, and third year students attended a two weeks' training course at No. 6, S.F.T.S., Dunnville, immediately after spring examinations.

University Naval Training Division

In co-operation with the Department of National Defense for Naval Services, the activities of the University Naval Training Division were continued at the Ontario Agricultural College in 1943-44. The enrolment for the current term was 57. Instruction in various phases of naval activities was given by the Commanding Officer of the Division and by instructors

from H.M.C.S. "Star", Hamilton, Ontario. Thirty-five students took, in addition, two weeks' special training at the Naval Establishment at Cornwallis, Nova Scotia. Eleven ratings were selected by the Naval Officer Selection Board as potential officer candidates. Two students entered the special branch as potential technical officers, and a number of students have entered the navy as ordinary seamen.

The Naval Unit is now in charge of Dr. G. P. McRostie, Head of the Department of Field Husbandry, who was appointed Lieutenant Commander in April, 1943.

Farm and Home Week

Farm and Home Week was held June 14-18, 1943. The attendance of 12,000 represented an increase of about 2,000 over the preceding year.

The various departments of the College co-operated with the Department of Extension in erecting educational exhibits dealing with wartime problems in agriculture. Particular interest was aroused by the parade of the College livestock.

Special radio broadcasts from CBL and CFRB were interesting items of the week's programme.

Alumni Reunion

The annual reunion of the alumni of the Ontario Agricultural College and the alumnae of Macdonald Institute was held on June 19, 1943, and was well attended.

Mr. W. B. George of Kemptville, Ontario, was re-elected president of the Alumni Association and Mr. E. H. Stoltz, vice-president. Reports were given on the work of the overseas fund.

Among the Macdonald Institute alumnae attending was Miss Ethelemma Muir, a former president of the Toronto Branch and well-known writer on home economics.

Visit of the Earl of De La Warr

On February 3, 1944, the College was visited by the Earl of De La Warr, Chairman of the Agricultural Research Council of Great Britain. Lord De La Warr gave a very interesting address to the students of the College on present-day agricultural conditions in Great Britain. He inspected the College livestock and spoke with warm appreciation of the reputation and work at the College.

Superannuation of Professor R. R. Graham

After thirty-six years of service at the College, Professor R. R. Graham was granted superannuation on June 16, 1943.

Professor Graham was born on a farm in Leeds County in 1876. He received the degree of B.A. from Queen's University in 1902 and was graduated from the Ontario Agricultural College in 1912. Previous to graduation in 1912, he had held positions as Dean of Residence and Demonstrator in Physics. Since 1923 he has been Associate Professor of Physics and Agricultural Engineering. His steady, efficient, continuous labours during the many years that he was associated with the Department of Agricultural Engineering have done much to advance the interests of the

farming community and to better living conditions on Ontario farms. His work has left an indelible impression on every section of the Province.

Superannuation of Director of Extension

Director John Buchanan retired from the position of Head of the Department of Extension at the Ontario Agricultural College on April 5, 1943.

Upon graduating from the O.A.C. in 1899, Professor Buchanan served with the Department of Field Husbandry until 1910. From 1912-1920, he was Director of the Iowa Agricultural Experimental Association at Ames, Iowa; later he gave special assistance to the United States Department of Agriculture. In 1924, he returned to the O.A.C. as Extension Specialist in Field Husbandry. In 1928, he was appointed Director of Extension, a position for which he was well equipped.

Professor Buchanan, during his long and useful service to the College and to agriculture, made many friends. His wide knowledge of the alumni has gained for him a place in the hearts of all O.A.C. graduates and facilitates his work as Secretary of the O.A.C. Alumni Association, a position he retained upon retiring as Director of Extension.

Superannuation of Robert Bryant

Born in Kent, England, Robert Bryant was first appointed to the College staff in 1910. From 1916-1919, he was overseas as a member of the Canadian Army. For many years Mr. Bryant has rendered faithful and highly valued services to the Department of Chemistry as a Laboratory Assistant. On November 14, 1943, he was granted superannuation. He was re-employed from November 14, 1943, to March 31, 1944, on which date he retired.

Appointment of W. D. Tolton as Director of Extension

Wilfred D. Tolton, B.S.A. 1928, has been appointed Director of the Extension Department of the College in succession to Professor John Buchanan.

With an extensive background of farming and industrial experience, Mr. Tolton has been directly associated in the extension work of the College since 1934. His work in the fields of photography, educational exhibits, and dairy engineering is well and favorably known.

COLLEGE FUNCTIONS

Baccalaureate Service

The annual Baccalaureate Service for the graduating classes of the Ontario Agricultural College and the Ontario Veterinary College was held in Massey Hall on Sunday, March 28, 1943.

Flight Lieutenant G. N. Hamilton, Chaplain at No. 4 Wireless School, R.C.A.F., Guelph, was the speaker.

Convocation for Students in Agriculture

Convocation for the Class of 1943 was held in War Memorial Hall on Tuesday, May 11, 1943. Sixty-nine students received their degrees from the

Chancellor of the University of Toronto, the Right Honourable Sir William Mulock, P.C., K.C.M.G., M.A., LL.D.

Through the generosity of the Commanding Officer of the No. 4 Wireless School, R.C.A.F., War Memorial Hall was made available to the students for this important event.

Addresses were delivered by the Minister of Agriculture for Ontario, the Honourable P. M. Dewan, and President H. J. Cody of the University of Toronto.

SCHOLARSHIPS AND GIFTS

The Scotch Shorthorn Fund

For the purpose of improving livestock in the Province of Ontario, a group of businessmen have raised a fund of \$20,000 for the purchase of bulls and females of the Shorthorn breed for the Ontario Agricultural College. It is the intention to continue this fund, adding to it from time to time, for the purchase of additional Shorthorn bulls and remales.

Ayrshire Bull Fund

A fund of \$10,000 has been established at the Ontario Agricultural College for the purpose of purchasing an outstanding bull of the Ayrshire breed to be used at the College for the improvement of the breed in Ontario.

Painting Presented to O.A.C.

Mr. G. A. Reid, Toronto, presented to the College his painting "The Dark Canyon", which is a picture of the Abitibi Canyon. This painting is now hanging in the hall in the Horticultural Building where the offices of administration are located. Through Mr. Reid's generous gift, a valuable addition has been made to our collection.

Year '43 Trophy

Wishing to recognize the value of the excellent work done in dramatics in recent years and to encourage the continuance of this work, the graduating class of 1943 established a fund for the provision of an annual trophy. This trophy is in the form of a statuette and is to be awarded to the O.A.C. student who, at the conclusion of his Third Year, is considered by the Committee of Selection to have done the most valuable work in dramatics throughout the previous three years. This trophy was presented in 1943 for the first time.

Book Publishers' Prize

A prize of \$25.00 is being donated by the book publishers of Toronto to the student of the Fourth Year who, having obtained first-class honours in the third and fourth years, stands highest in the fourth-year examination in English and who has also taken an active part in Literary, Philharmonic, Dramatic, or Journalistic activities.

Radio Station CFRB Prizes

Radio Station CFRB has offered a first prize of \$15.00 and a second prize of \$10.00 for proficiency in Broadcasting and Public Address work for fourth-year students of the Ontario Agricultural College.

Canadian National Weekly Newspapers' Association Prize

The Canadian National Weekly Newspapers' Association has offered an annual prize of \$10.00 to the member of the "O.A.C. Review" staff, excluding the editor, who during his term of office has done the most valuable work for the "Review". The first presentation of this award was made in January, 1944.

The John Goad Award in Dramatics and Music

An award of \$15.00 has been donated by Mr. John Goad, O.A.C. '36, a former president of the Philharmonic and Dramatic Society, to encourage continued interest on the part of the student body in dramatic and musical productions. The award is to be made to the student considered by the judges to have given the best performance or performances of the year.

Gift of Pictures From Mr. C. W. Barber of Guelph

Mr. C. W. Barber of Guelph presented a picture of an Ayrshire cow and one of a Shorthorn bull to the O.A.C. These have been added to the collection in the Department of Animal Husbandry.

Gift of Books to Massey Library

A number of the Student Associations and Societies have established a fund for the purchase of books for Massey Library. This fund will be known as the "O.A.C. Student Book Fund" and will be under the jurisdiction of the Students' Administrative Council.

Twenty-one additional books were added to the Unwin Room collection from the Union Literary Society Trust Fund.

The Carnegie Endowment for International Peace has presented a gift of sixteen outstanding books to the College.

Leonard Foundation Awards

Four students of the College have received assistance during the year from the Leonard Foundation which was established by the late Lieutenant Colonel R. W. Leonard of St. Catharines in 1916.

Province of Ontario Scholarship

Through the co-operation of the Dominion and Ontario governments a number of scholarships and bursaries have been provided to assist worthy students of Ontario in attaining a university education. One member of the First Year entered the Ontario Agricultural College on a Province of Ontario Scholarship this year.

RESEARCH AND SERVICE

New Smooth Awn Barley

The Galore, a new hybrid smooth awn barley developed at the Ontario Agricultural College, has a remarkable strength of straw and is proving itself very desirable for harvesting with a combine.

Potato Improvement

Potato demonstrations in some of the counties indicated that where protection was given through spraying or dusting, coupled with the use of proper fertilizers, an increase in yield of 140% was secured.

Water-Core or Brown Heart of Turnips

Water-core or brown heart of turnips has been controlled by spraying the crop with borax. This treatment has proved very successful and has increased the production by many thousands of bushels on farms where demonstrations were held.

Artificial Insemination

In the improvement of herds in the Province, the Department of Animal Husbandry has co-operated by widening the services of bulls in the College herds through artificial insemination. This practice is increasing each year.

Calf Feeding

Experiments in the feeding of calves shows that an economical and satisfactory ration has been developed: 3 lbs. of milk, 1.5 lbs. of commercial calf meal and 1.4 lbs. of hay.

Dominion-Provincial Co-operative Soil Surveys

The 250,000 acres of Prince Edward County and the 356,000 acres of Dufferin County were mapped and classified into twenty-five soil types in each county, based upon their general suitability for producing canning crops and common farm crops. Maps and reports of these surveys have been reproduced in black and white. In addition, reports have been written for agricultural soil areas of parts of northwestern Ontario, (Rainy River Valley, Dryden and Kenora districts, and the Thunder Bay area), and northeastern Ontario, (including the Great Clay Belt of the Cochrane district and the Little Clay Belt of the Temiskaming district). A soil survey of Carleton County has been completed as has a report on Soil Erosion Land Use in Hope Township, Durham County.

Soil Services

Soil advisory service has been rendered as follows:

- (a) 2,582 soil samples have been examined and reported.
- (b) Tobacco Growers' service as to soil analysis, advice on Problems of production and disease and insect control.

Two hundred and sixty-two Reactosoil kits were distributed to agricultural representatives.

Dairy Chemistry Service

During the year, 170 samples of cheese, 181 samples of milk, 11 samples of whey, 6 whey powder, 4 butter, 20 boiler water, 3 ice-cream mixes, 2 egg-yolk, 4 miscellaneous, (Total 416), were examined and reported upon.

Assistance to Committee on Reconstruction

A special report on Soil Erosion and Land Classification in the Ganaraska Watershed in Durham County was prepared by the Soil Survey staff for the Inter-Departmental Committee, preparing the Ganaraska Conservation Report.

A special report on Soil Erosion and Flood Control in Ontario was prepared for the Dominion Department of Agricultural Committee on Reconstruction.

Investigation

Fertilizer Placement and Nitrogen Supplements for canning crops was the subject of extensive investigation during the year, with the assistance of a grant-in-aid from the North American Cyanamid Company. Two areas, one near Brantford and the other near Collingwood were investigated. Green manure crops received increments of Cyanamid before the green manure was plowed down. At the same time, two methods of application of 2-12-10 fertilizer,—(1) on the plow sole, (2) with drill application, were compared. John Bear variety was grown on the Brantford area, and Stokes Special was grown in the Collingwood area. At harvest, pickings were divided into total, select, culls, green and otherwise unmarketable. Notable gains from the use of a moderate amount of Cyanamid were recorded, and in the Collingwood area, results definitely indicate the superiority of the plow application of fertilizer. This observation was partly confirmed by results on the Brantford field.

Factors Effecting the Intake of Boron by Crops

The effects of calcium ions on the intake of boron by sunflowers and soybeans was investigated both by means of nutrient solution and soil pot cultures. It was indicated that the sulphate ion concentration in the medium of growth is related to the calcium assimilation and indirectly to the boron deficiency or toxicity symptoms in crops.

Pasture Investigation

On the 100-acre Ailsa Craig test plot, 36 cattle were carried on the 50-acre fertilized area, and 15 on the unfertilized area, with the average gain per head of 247 pounds from those on the fertilized area against 221 pounds gain per head on the unfertilized.

Soil Fertilizer Experiments and Demonstrations

Twenty-six experiments and twenty-two co-operative demonstration projects were conducted by the Department in twenty counties. These demonstrations were with different fertilizer applications and rates, on general farm crops and pastures. An investigation of methods of application of fertilizers was inaugurated in four counties, making use of the new equipment for plow sole application of fertilizers. Interesting results indicate the usefulness of this method of application.

Special Tests and Cultures

The Department of Bacteriology has given assistance to farmers through tests and cultures.

Well Water

Two hundred and thirty-eight samples of farm and school well water were analyzed and reported upon.

Legume Cultures

Six thousand, nine hundred and sixty legume cultures, prepared for seed inoculation, were distributed to farmers.

Pullorum Blood Testing

Two hundred and seventy-seven thousand, six hundred and sixty-three samples of poultry blood were tested by the agglutination test for pullorum disease.

Preparation of Pullorum Antigen

Five hundred and seventy-six thousand c.c. of pullorum antigen were prepared, of which two hundred and eighty-two thousand, two hundred and fifty were sold to private operators conducting pullorum testing.

Pullorum Disease

Approximately one hundred diseased birds were kept under observation in a new well-equipped poultry house. These birds are being tested regularly to determine the relationship of pullorum disease to pullorum variant infection.

Hatchery Inspection

A regular inspection and investigational service was started this year to determine the efficiency of sterilization in incubators and hatchery equipment among certain poultry men in Ontario. Reduced chick mortality in many cases have been already effected as a result of this investigation which is being continued.

Food

A severe outbreak of canned tomato spoilage in an Eastern canning factory necessitated considerable investigational work before the casual organisms were isolated and control methods advocated.

As a result of food spoilage by thermophilic bacteria, investigations were conducted to determine the source of these organisms. Very high counts of thermophiles were obtained from water, flavorings, cereals and various food ingredients.

Vitamin C Survey

A study of the vitamin C content of Ontario-grown fruits, vegetables and native plants, as fresh, processed and stored materials is sufficiently advanced that the data are being prepared for publication.

Canned Vegetables

A project of considerable potential interest centres about the mixing of vegetables to make home canning methods safer and easier and to increase the palatability and nutritive value of the finished product. The project has been in progress two years.

Soil Testing

A total of 2,470 samples of greenhouse and truck crop soils were analyzed. There has been a marked response to encouragement given to vegetable growers to submit soils for analysis before applying fertilizers. Victory gardeners have made extensive use of the service.

Russian Dandelion

One of the major problems in connection with the use of Russian Dandelion as a source of rubber is to find a successful method by which the plant may be propagated. About 100,000 plants grown in the greenhouse were successfully transplanted in the field. One thousand pounds of roots were supplied to other agencies for extraction and tests of the rubber contained in the roots. Yield of rubber was close to that which was expected and the quality of fabricated articles was excellent.

Mildew of Barley

Mildew of barley over the past few years has reduced the yields quite materially. Some of the new hybrids have remarkable resistance to this disease.

Prevention of Manganese Deficiency in Oats

Spraying the oat crop about four weeks after the oats were sown with a manganese compound has been found to be successful on soils showing a manganese deficiency. The Department of Botany is prepared to advise farmers on soils needing this treatment.

Spraying Apple Orchards

The Departments of Botany and Entomology are conducting experiments on the effectiveness of the various new spray materials which are now on the market for the control of apple scab, codling moth and other insect pests of the orchard. The results of these experiments serve as a guide in the preparation of the Ontario Spray Calendars which are issued each year. Last year's results emphasize the fact that even in a very wet season favourable to the development of scab, such as was experienced in the summer of 1943, it is possible by thorough, timely spraying with a good fungicide to produce 95% or better clean fruit.

Seed Setting of Alfalfa

Requests have been received from several districts of Western Ontario for information on the use of borax to induce seed setting of alfalfa. Test plots have been established in alfalfa fields at Clinton, Walkerton and Cayuga to determine if a borax spray will overcome this difficulty.

Labour Saving Devices

The Department of Agricultural Engineering has given assistance in the development of home-made labour saving devices. Sweep rakes have been popular and have been made in large numbers by the farmers. A sheaf loader attached to the corn binder has been developed and is proving successful. Exhibits and demonstrations have been made in several places in the Province. A sludge pump has been designed to remove sediment from septic tanks.

Wintering of Bees in Northern Ontario

The use of a top and bottom entrance for the wintering of bees has proven very successful in the College yards. This method was attempted in the Rainy River District. This is an area where the majority of the colonies were destroyed in the fall and package bees imported in the spring because of the wintering difficulties. Their trouble arose mainly from extreme temperatures, heavy snowfall, and high humidity at certain seasons. This situation is aggravated by the moisture which is normally given off by a colony in winter quarters. The top and bottom entrance allows a free circulation, which removes excess moisture. The results of this test were so promising that many in that area now winter their bees in this manner. Similar results were obtained in the Cochrane District.

This work is more significant at the present time as it is now almost impossible to obtain a satisfactory supply of package bees.

Honey Containers

The bulk of the 1944 honey crop will be marketed in wartime containers,

which were developed as a result of co-operative tests between the Apiculture Department and the container manufacturing companies.

Beekeepers' Sugar Permits

According to arrangements with the Sugar Administrator for Canada, over five thousand sugar permits were issued from the Department of Apiculture office to those in need of sugar for the feeding of their bees.

Apiary Inspection and Disease Control

During the year, 6,988 apiaries, consisting of 194,673 colonies, were registered.

Inspections were made of 3,362 apiaries, consisting of 66,792 colonies. Disease was found in 1,841 colonies, or 2.75% of those inspected.

Spray for Apple Orchards

In co-operation with the Department of Horticulture, the Department of Entomology and Zoology is testing out the value of lead arsenate-summer oil-fungicide combinations for use in Ontario apple orchards heavily infested with codling moth.

Stored Grain Insects

Farm granaries in many parts of the Province are heavily infested with stored grain insects. Experiments have shown that the granary bins must be gas-tight for satisfactory results from fumigation. Use of the fanning mill during the colder months of the year has proved a satisfactory method provided that re-infestation from untreated grain is prevented.

Hybrid Corn

Selection of strains of hybrid corn most suitable for Ontario farms has been an important problem for the Department of Field Husbandry. The introduction of these early, high-yielding corn hybrids for grain with the introduction of the corn pickers has resulted in a tremendous increase in corn acreage in Central and Eastern Ontario. With the shortage of feed grain, this crop will mean an important contribution.

Protein Studies

The shortage in supply of animal proteins increased the importance of protein of vegetable origin and several newer types were investigated.

It was found that sunflower seed oil meal and wheat distillers' dried grains could be used to replace at least half the animal protein in all rations. Corn gluten feed was not quite so satisfactory as the former two but in egg production and breeder mashers could be used to replace meat meal on a protein equivalent basis in amounts up to 16%. The results of the research work with linseed oil meals as a source of protein supply in chick rations was not so satisfactory. The presence of a toxic factor for chicks, possibly cyanogenic glycosides, present in fairly high levels, may have been responsible for the growth retardation and mortality among chicks fed fairly large amounts of certain linseed oil meals. Further studies on this material are being carried on.

Another new product on the market studied during the year was ground cattle hooves, with some ground horns. Results indicated that this material has limited value as a source of protein and should only be used in a very limited amount to replace some meat meal.

Mineral Investigations

The shortage of oyster shell as a source of calcium carbonate for poultry feeding has necessitated the use of ground limestone. Many of Ontario's limestone deposits are high in magnesium, a substance reported to be injurious to poultry. Results to date of rations with even high levels of magnesium fed chicks have not indicated any injurious effect, but, rather, suggest the opposite effect. Further work is in progress with both chicks and adults.

Green Feed Supplements

Various green feeds—several forms of alfalfa, silage and sprouted oats—have been under study as added sources of protein and vitamin supply. This work is still in progress.

Study of an Apparent Correlation Between Black Feathers and Green-Grey Irises in Barred Plymouth Rocks

There appears to be some correlation between these two factors in this breed of chickens, according to the research work to date. Whether the conditions are due to nutritional factors or other causes has not yet been established.

Breeding

Research in breeding problems are long-time projects. Fast feathering and other sex determining factors are being studied to establish more simple and efficient methods of commercial sexing of chicks. As these factors vary to some extent with different breeds, breed characteristics must be examined. Fertility and hatchability studies to determine cause and effect are in progress.

Farm Flocks

The Poultry Breeding Station programme in 1943 was increased 15% over 1942, with an entry of 263,214 birds banded and pullorum tested in 593 flocks. A total of 277,663 blood samples were tested, which included 14,449 retests.

Nutritional and Biochemical Factors

The research programme of the Department of Animal Nutrition during the year 1943-44 involved studies on numerous nutritional and biochemical factors, including proteins, amino acids, minerals, the enzyme phosphatase and the following vitamins: Vitamin D, riboflavin, thiamin and pantothenic acid. In most cases the studies required the facilities of both the biological and the biochemical laboratories, although some investigations were strictly biological feeding tests and others were conducted entirely within the biochemical laboratory.

An important new undertaking is the study of the amino acid composition of common vegetable and animal proteins, and, in connection with this, the analytical methods for a number of amino acids are being investigated. Noteworthy among the results of the related biological tests has been the demonstration that chicks have a much greater tolerance for the amino acid tyrosine than has been reported in the case of rats.

Vitamin D Studies

Vitamin D studies occupied a prominent place in the year's activities. Investigations of the chick assay method with a view to improving its

accuracy and reproducibility have been continued. This laboratory is participating in a collaborative study of the possible use of the ash content of one of the toes to replace the ash content of the tibia as a measure of response to vitamin D. Such a change would effect an important saving in the time and expense involved in these assays. Other studies have dealt with the stability of synthetic vitamin D₃ when mixed in feeding oils and in complete rations.

Closely related to the vitamin D studies, but involving totally different techniques has been the investigation of the nature and behaviour of the enzyme phosphatase in various body fluids and tissues of chicks. The changes in phosphatase activity in the blood plasma of rachitic chicks are being investigated with a view to possible value as the basis of an assay method for vitamin D, with promising results to date.

Synthetic Riboflavin

A critical investigation of the use of synthetic riboflavin in hatching rations for poultry has been continued. The undertaking was enlarged to include studies on the riboflavin content of a large number of eggs produced by hens on the various rations, in an attempt to obtain some information on the relationship between riboflavin content and hatchability and on the variations in riboflavin deposition by individual hens.

Cheddar Cheese

Nutritional studies on cheddar cheese were continued during 1943. In addition to determining the effect of ripening upon the stability of riboflavin in the cheddar variety, investigations were made on the efficiency of recovery of calcium, phosphorous and riboflavin in the manufacture of cottage, cream, brick and Canadian Blue cheese. Experiments were also made on the effect of pasteurization of milk by the 'holder' and 'high-short' methods upon yield of cheese and upon recovery of the nutriment mentioned. Results to date indicate that pasteurization has no marked effect upon the factors studied. Approximately 61% of the calcium, 55% of the phosphorous and 23% of the riboflavin originally present in milk were recovered and maintained throughout a six-month period of ripening.

Yeast and Mould Service

In the Yeast and Mould Service, 2,211 samples of creamery butter were analyzed during the year. Enhanced control of sanitary technique employed in the manufacture of butter and thus to prevent the development of flavor defects and to augment keeping quality thereof, are the primary objects of this service. That considerable improvement has been achieved by members of the butter industry is shown by a comparison of the records since the inauguration of the service in 1940. About 65% of the butter samples analyzed this year graded 'excellent' in yeast and mould count, representing a gain of 15% in this value over that reported for the first year of the service. Creameries who specialize in canned butter for prisoner-of-war packages place significant value on yeast and mould counts as being a check on pasteurizing efficiency and handling technique, as a safeguard to insure keeping quality.

Analysis of Products

Two hundred and twenty-four samples of milk, cream and by-products have been analyzed for fat or solids during the year. These samples have been submitted by milk producers and processing plants.

Farm Drainage

More than 350 farmers have been given assistance each year with their drainage problems. During the last 25 years farmers have borrowed over \$3,500,000 under the Tile Drainage Act. This, of course, only represents a fractional part of the money which has been spent on farm drainage.

Loan of Books and Magazines

Books and periodicals have been loaned to graduates of the College by the O.A.C. Library. Through an Interlibrary Loan arrangement, books and periodicals are borrowed from libraries in the United States and Canada. Reduction in postal rates on such loans has made possible an extensive use of this service.

Farm Accounting and Farm Management

The Department of Agricultural Economics has co-operated with the Farm Forum sponsoring a programme on farm accounting and farm management. Assistance has been furnished to many groups throughout the Province.

Film Service

In co-operation with the National Film Board, the Extension Department is maintaining a film service for the use of various rural organizations throughout the Province. A Supervisor has been appointed to develop this field of work.

Photographs, Slides and Charts

The Department of Agricultural Extension co-operates with the departments of the College by taking photographs to be used in research and demonstration work and by making lantern slides, charts and illustrations.

ONTARIO VETERINARY COLLEGE

CONVOCATION

At the Convocation of the University of Toronto held on May 14th, 1943, the Chancellor, the Rt. Hon. Sir William Mulock, P.C., K.C.M.G., M.A., LL.D., conferred the degree of Bachelor of Veterinary Science (B.V.Sc.) on forty-two graduates.

COMMENCEMENT

The Annual Commencement and Presentation of Prizes took place on November 19th, 1943, in the Assembly Hall of the College. The Honourable R. P. Vivian, Minister of Health, was the principal speaker. In his address the Minister outlined an advanced public health program for the Province and paid tribute to the veterinary profession for their co-operation in the prevention and control of tuberculosis and other diseases of animals transmissible to human beings. The prizes were presented to the successful candidates by the Honourable T. L. Kennedy, Minister of Agriculture. He congratulated the successful students and expressed gratification at the grow-

ing interest being manifested in maintaining high standards. The Mayor, Mr. R. B. Robson, extended greetings on behalf of the city and expressed the hope that students would retain pleasant memories of their association with the citizens of Guelph.

STUDY ENROLMENT

A total of 146 were enrolled. As in former years, students were in attendance from all the Provinces of Canada, also from other points of the British Commonwealth and from the United States.

THE TEACHING AND EXECUTIVE STAFF

C. D. MCGILVRAY, M.D.V., D.V.Sc., *Principal: Contagious Diseases, Sanitary Science.*

W. J. R. FOWLER, V.S., B.V.Sc., D.V.M.,: *Surgery, Anatomy.*

R. A. MCINTOSH, M.D.V., B.V.Sc.: *Diseases of Cattle, Obstetrics, Therapeutics.*

F. W. SCHOFIELD, B.V.Sc., D.V.Sc.: *Pathology, Bacteriology.*

L. STEVENSON, B.S.A., M.S., B.V.Sc.: *Zoology, Fur-Bearing Animals.*

J. S. GLOVER, V.S., B.V.Sc.: *Milk and Meat Hygiene, Poultry Diseases.*

*A. A. KINGSCOTE, B.V.Sc., D.V.Sc.: *Pathology, Parasitology.*

F. J. COTE, B.V.Sc.: *Canine and Feline Diseases.*

V. R. BROWN, B.V.Sc.: *Anatomy, Hygiene.*

G. CAIRNS, B.V.Sc., M.R.C.V.S.: *Sporadic Diseases, Hygiene.*

*A. F. BAIN, B.V.Sc.: *Bacteriology.*

*R. T. INGLE, B.V.Sc., M.Sc.: *Pathology.*

A. H. KENNEDY, B.S.A., B.V.Sc., D.V.Sc.: *Pathology, Parasitology.*

C. E. PHILLIPS, B.V.Sc.: *Pathology, Bacteriology.*

H. T. BATT, B.V.Sc., M.V.Sc., M.S., D.V.Sc., Ph.D. (Cornell), Certificate de l'Ecole d'Alfort (France): *Histology, Physiology.*

D. L. T. SMITH, B.V.Sc.: *Serology, Poultry Diseases.*

*J. K. BLAIR: *Jurisprudence.*

C. L. MCKINNON: *Jurisprudence.*

A. L. SHEPHERD: *Executive Clerk.*

MISS A. WALSH: *Secretary.*

MISS L. NOTT: *Librarian and Stenographer.*

MISS M. URQUHART: *Stenographer.*

MISS E. SHEPHERD: *Stenographer.*

MISS J. McDONALD: *Stenographer.*

MISS H. WHYTE: *Stenographer.*

MISS O. SZOMBATTY: *Technician.*

**On Military Leave.*

ADMISSION REQUIREMENTS AND COURSE OF STUDY

The prescribed course of study qualifies for the degree of Bachelor of Veterinary Science (B.V.Sc.) and extends over a period of five years. The requirements for admission come under the jurisdiction of the University of Toronto. In order to gain entrance, applicants must furnish Junior and Senior Matriculation certificates, or Junior Matriculation certificate and a certificate covering the satisfactory completion of the first year in a degree course at a recognized Agricultural College or University. The final examinations for graduation likewise come under the jurisdiction of the Senate of the University, and the examiners are appointed by the University. Graduate courses leading to the advanced degrees of Master of Veterinary Science (M.V.Sc.), Doctor of Veterinary Science (D.V.Sc.) and Diploma in Veterinary Public Health (D.V.P.H.) are available under the School of Graduate Studies of the University.

A detailed outline of the entrance requirements and the course of studies is contained in the College Calendar, which is available to those interested. In addition to the regular undergraduate course outlined in the calendar, special short courses were provided as follows:

PUBLIC HEALTH COURSE

A special course of study in Public Health work was given Senior students by the Director and Staff of the School of Hygiene and Connaught Laboratories of the University of Toronto. The course included the following subjects:

Public Health Administration, Principles of Sanitation, Communicable Diseases, Food-Borne Infections, Interpretation of Laboratory Findings, Bacteriology of Enteric-Infections, Human Parasitic Infections, Inspection of Water Supplies, Inspection of Sewage Disposal, Inspection of Restaurants and Bottling Plants, Industrial Hazards in Meat Packing Industry, Ventilation and Fumigation, Dairy Sanitation.

SPECIAL COURSE FOR FUR BREEDERS

During the month of June a course was provided for those engaged in the rearing of fur-bearing animals. About 200 fur breeders attended. The course was arranged in co-operation with the Ontario Fur Breeders' Association and comprised lectures and demonstrations on the following subjects:

Handling of the Whelping Female, Blue Fox Ranching, Hemorrhagic Enteritis of Blue Foxes, Fox Ranching has a Future, Line Breeding, Silver Fox Questions, Profitable Types of Mink, Proper Housing, Food Values, Management of the Fur Ranch.

REFRESHER COURSE FOR VETERINARIANS

During the month of July a special course for graduate veterinarians was provided in co-operation with the Ontario Veterinary Association. There were approximately 150 in attendance and the programme comprised the following topics:

The Structure of the Cow's Udder, The Physiology of Milk Secretion, Mastitis, its Prevention and Treatment, Calf Scours, its Prevention, Treatment and Control, Food Toxemia, The Use and Application of Anthelmintics, The diagnosis, Prevention and Control of Poultry Diseases, The Prevention and Treatment of Parasitic Diseases in Sheep, Pulmonary Diseases of Swine, Gastro-Intestinal Diseases of Swine.

CLINICAL SERVICE

This service is available for veterinarians and live stock owners where clinical assistance is desired. The nature and extent of the services rendered are as follows:

Animal Clinics:—Animals of all classes were admitted for diagnosis, medical and surgical treatment.

Horses:—The cases submitted were largely surgical and included fistulous withers, poll-evil, roaring, hernia, cryptorchidism, lameness, including deformities of the feet and canker. Parasitic and other skin affections are frequently observed. Dental cases and tumor formations are also of common occurrence.

Cattle:—Many of the cattle cases were of an unusual character and represented herd conditions. The predominating diseases included sterility, mastitis, calf scours, calf pneumonia, necrotic stomatitis, nutritional deficiencies, pseudo-leukemia, hypo-calcemia, acetonemia, photo-sensitization, sweet clover poisoning, and retention of the afterbirth.

Swine:—These comprised surgical cases and diseases prevailing in litters and herds. The surgical cases comprised scrotal and umbilical hernia, cryptorchidism and hermaphroditism. Among the diseases affecting herds and litters were gastro-enteritis, respiratory affections, anemia of young pigs and other nutritional diseases, parasitic diseases, including lice and mange, erysipelas, hemorrhagic septicemia, narcotic enteritis and infectious rhinitis.

Sheep:—Many of the sheep cases were parasitic infestations more especially stomach worm diseases. Other conditions comprised nutritional diseases, pregnancy disease, stiff lamb disease, tetanus following docking and castration.

Small Animals:—These comprised dogs and cats mostly submitted for surgical attention such as spaying. A large number of diseased conditions were also treated including digestive disturbances, distemper, renal diseases, respiratory diseases, mange and other skin diseases.

Fur Bearing Animals:—The diseases of fur bearing animals and general problems of the fur breeding industry were given the required attention by the Provincial Zoologist. Food toxemia has been the main cause of loss on fox and mink ranches. Out of over one hundred carcasses submitted for laboratory examination, evidence of food toxemia was revealed in thirty-two cases. There has been considerable interest manifested during the past year in the rearing of Angora and Chinchilla rabbits.

EXTENSION WORK RELATING TO BANG'S DISEASE

In co-operation with practising veterinarians and live stock owners the work relating to the control of Bang's disease in cattle (Contagious Abortion- has been further expanded under the following plans:

1. *Testing of Individual Herds:*
Under this plan 48,329 cattle were tested of which 35,710 were Negative, 9,474 Positive, 3,145 Doubtful.
2. *Testing of Dairy Cattle for Export:*
These tests were made to facilitate the exporting of dairy cattle to the United States and comprised 8,941 cattle, of which 8,261 were Negative, 354 Positive, 326 Doubtful.
3. *Supervised CalfhooD Vaccination:*
Under this plan, vaccination was undertaken in 2,825 herds. A total of 34,650 calves between four and eight months of age were vaccinated and check tested 30 days after being vaccinated.
4. *Testing of Herds in Prescribed Areas:*
Under this plan 10 areas have been established as follows:
 1. *Schomberg Area:* Includes 279 herds comprising 3,220 cattle.
 2. *Northumberland Area:* Includes 189 herds comprising 2,852 cattle.
 3. *Stormont Area:* Includes 61 herds comprising 1,121 cattle.
 4. *Maxville Area:* Includes 52 herds comprising 1,437 cattle.
 5. *Vars Area:* Includes 41 herds comprising 1,069 cattle.
 6. *Durham Area:* Includes 39 herds comprising 480 cattle.
 7. *Carp Area:* Includes 63 herds comprising 1,417 cattle.
 8. *Orono Area:* Includes 18 herds comprising 171 cattle.
 9. *Almonte Area:* Includes 14 herds comprising 179 cattle.
 10. *Brockville Area:* Includes 10 herds comprising 309 cattle.

RESEARCH AND INVESTIGATION

During the year several outbreaks of disease, as well as a number of unusual cases of disease in different animal species, have been investigated. Some of the more interesting cases are briefly dealt with in this report.

Acute Bovine Pulmonary Emphysema: (Rape Poisoning)—An outbreak occurred in a herd of milking cattle in which almost all the animals were affected. The mortality was not high, but the outbreak was unusual as it occurred during the summer time and no specific cause could be demonstrated. The post-mortem lesions were typically those of so-called "rape poisoning".

The Isolation of P. Suis From the Castro-Intestinal Tract of Swine: In the great majority of cases of acute gastro-enteritis in swine the results of bacteriological examinations are negative. Recently we have been making subcutaneous inoculations into rabbits of a suspension of the inflamed mucous membrane. This always results in acute local swelling and supuration. From the rabbit lesion we have been able to isolate a *Pasteurella* in about 50% of the cases.

The Nature of the Infection in Gangrenous Mastitis: Bacteriological examination of samples of per-acute and gangrenous mastitis would indicate that the chief invading organism is *S. aureus*.

The Isolation of an Anaerobic Streptococcus from Cases of Mastitis in Cattle: A pure culture of an anaerobic streptococcus was isolated from the milk in two cases of acute mastitis in the same herd. There is every reason to believe that the streptococcus is the cause of the infection. This

is, I believe, the first report of an anaerobic streptococcus as the casual agent in Mastitis.

The Use of a Herd Vaccine in the Control of Chronic Mastitis in Cattle: A progress report is included of the work done during the year in the isolation and identification of streptococci from cases of Mastitis, as well as the results of the use of herd vaccine.

The Use of Sulphapyridine in an outbreak of A. Necrophorous Infection in Swine: This drug proved to be most efficacious in the cure of severe necrotic infection affecting a herd of pigs. The lesions were present on various parts of the body, and consisted of either localized or diffuse necrosis of the skin with sloughing.

Serum-Bacterin Prophylactic Inoculation of Swine: Experimental preventative immunization was undertaken in an endeavour to reduce excessive mortality in piggeries where pneumonia due to *P. suis* and *A. bronchisepticus* is endemic. Serum-bacterin prophylaxis has proved very effective.

The Use of Acidophilus Milk in the Treatment and Prevention of Lamb Scours: Several lambs, two to seven days old, were presented for post-mortem and bacteriological examination. The usual history was that of scouring and post-mortem revealed enteric lesions, complicated with pneumonia in some cases. Acidophilus milk has proved to be of value in both prevention and treatment.

Fatal Anaphylaxis in a Calf Following the Intravenous Inoculation of Br. Abortus: A group of six calves were given an intravenous inoculation with Str. 19 instead of the usual subcutaneous injection. This resulted in anaphylaxis in all of the calves, in some mild, in others severe, and in one fatal.

Routine Laboratory Service: Over three hundred tissues sections were made and examined from post-mortem specimens submitted for laboratory diagnosis.

POULTRY LABORATORY SERVICE

This consists chiefly in the examination of diseased poultry sent or brought to the laboratory. The percentage of cases of nutritional diseases remained at about the same level as during the previous year. These conditions were chiefly vitamin "A" deficiency, Riboflavin deficiency, new grain poisoning, with a few cases of necrosis of the beak due to the feeding of finely ground moist mash. There was a slightly lowered percentage of pullorum disease in chicks and poults—approximately 35.3% against approximately 37% the previous year. Cases of coccidiosis showed a rise—approximately 16.8% compared with about 12.6% of the total number of examinations made the year before. *Salmonella pullorum* was isolated from two adult turkeys imported from California. This is the first time we have isolated this organism from mature turkeys, although we often find it in poults. Included under "Other Infections" were cases of *staphylococcic*, *streptococcic*, and *S. typhi-murium infections*. Many more cases of omphalitis (navel ill) were encountered during the spring of 1944 than formerly, and from approximately 81% of the affected chicks and poults received during a two months' period *S. pullorum* was isolated.

The number of specimens received during the past year, and the conditions found, are shown in the following list. This is an increase of over 800 from the previous year.

Nature of Case	Total
Ascites	7
Adult Pullorum Infection	94
Avian Diphtheria	29
Coccidiosis	611
Coryza and Roup	45
Enteritis	71
Eversion of Cloaca	14
Enterohepatitis	28
Laryngotracheitis	42
Leucosis	125
Pullorum Disease of Chicks and Poults	1275
Tuberculosis	35
Other Infections	153
Impaction (Crop, Proventriculus, Gizzard, or Intestine)	21
Injuries	27
Nutritional Conditions	347
Poisoning	13
Ruptured Liver	21
Ruptured Oviduct	1
Tumours	50
Worms (Ascaridia)	109
“ (Capillaria)	67
“ (Large Tapes)	36
“ (Minute Tapes)	55
“ (Round and Tapes)	55
External Parasitism	5
No Evidence of Disease or Putrid	279
Totals	3604

Preparation and Distribution of Antigen: 5,800 test doses of *Brucella abortus* antigen were distributed to veterinarians for the agglutination test for Bang's disease.

Preparation and Distribution of Fowl Pox Vaccine: 165,050 doses of vaccine were prepared and distributed for the vaccination of poultry by the *Johnson stick method* for the prevention of Fowl Pox.

Agglutination Tests: During the year 82,435 blood samples were received and submitted to the agglutination test for Bang's disease. This is an increase over the previous year of 30,079 samples. Included in this number are samples from cattle intended for export or exhibition, from calves in herds under the calfhood vaccination plan, and from cattle in prescribed areas. The results of these tests are shown in the following table:

	Negative	Positive	Doubtful	Total
Routine Samples	35,710	9,474	3,145	48,329
Export or Exhibition Samples	8,261	354	326	8,941
Calfhood Vaccination Samples	1,507	14,624	906	17,037
Prescribed Area Samples	7,521	277	330	8,128
Totals	52,999	24,729	4,707	82,435

Routine Examination of Milk and Cream Samples: Routine tests made on approximately 700 samples of milk and cream submitted to the laboratory from time to time. These tests included fat and total solids determinations; standard plate counts; coliform, reductase, phosphatase and various mastitis tests.

During the year a large volume of correspondence has received attention, together with personal interviews with those seeking advice regarding their animals. The demand for veterinary extension, investigation and research work has noticeably increased. This is particularly evident in connection with the adoption of calf vaccination as an aid in the control of Bang's disease in cattle. With the increased demand for these services the entire staff has been exceedingly busy and have performed their duties faithfully. Efforts have been directed towards maintaining a high standard of efficiency and all expenditures have been carefully checked and kept at a minimum cost.

KEMPTVILLE AGRICULTURAL SCHOOL

During the fiscal year 1943-1944, the major part of the Kemptville Agricultural School buildings were occupied by the Department of National Defence for the conducting of a Canadian School of Army Administration. All the main buildings, including the Administration, Live Stock Judging Pavilion, Gymnasium, Agricultural Engineering, Students' Residence and three staff houses were given by the Ontario Government to aid the War Effort. The Dairy building was retained by the Kemptville Agricultural School for administration and other offices.

The staff was reduced to a minimum and only sufficient personnel retained to conduct extension work and supervise the different Divisions, and conduct a winter's course in Cheese and Butter making.

The Division of Animal and Field Husbandry maintained its dairy and swine herds for the production of breeding stock. The Division of Horticulture continued to care for and develop its orchards and small fruit plantings and maintain the school grounds. The Poultry Division was in a position to preserve its established breeding lines and continue a full production of eggs and breeding stock. The Division of Chemistry continued the Fertility and Variety Experiments at points throughout Eastern Ontario and to operate a soil testing service. The Dairy Division continued its culture service for Eastern Ontario cheese factories and conducted a three months' Dairy Manufacturing Course. Besides being responsible for the direction of their respective Divisions, the members of the staff were available for and carried out considerable extension work.

Owing to lack of accommodation, it was necessary to forego the holding and conducting of Breeders' and Farmers' Field Days, except for the conducting of two Consignment Sales for the Eastern Ontario Yorkshire Breeders' Association, a Crop Tour for the Grenville Improvement Association and the Annual Alumni gathering held in August.

DIVISION OF ANIMAL AND FIELD HUSBANDRY

The season of 1943 will long be remembered as one of the most backward seasons to be experienced in the area. Due to a late spring and continued rains, much of the spring crop was not sown until towards the end of June. Later in the season, this was followed by a dry fall which resulted in practically all grain crops producing only half a yield. To offset this,

there was harvested the heaviest crop of hay in the history of the school, many fields producing over four tons per acre at the first cutting. The corn crop was also excellent and the fall wheat was very satisfactory.

The crop yields were as follows:—

Fall Wheat—Dawson's	189	bushels
Rideau	260	“
Oats—Erban	184	“
Cartier	73	“
Barley	81	“
Buckwheat	18	“
Mixed Grains	9.4	tons
Hay	260	“
Ensilage Corn	300	“
Potatoes—Cobblers	287	bushels
Katahdin	102	“
Mangels	29.3	tons
Turnips	9.8	“
Carrots	900	pounds

The demand for purebred Live Stock continued very brisk and the following animals were sold to other breeders:— 48 purebred Yorkshire sows, 38 Yorkshire boars, 12 purebred Dairy bulls and 20 head of purebred females, and four purebred registered mares.

SEED CLEANING PLANT

The seed cleaning plant was set up in a temporary location and although badly restricted for room, was able to give a service to an area that covered over 100 miles. The following quantities of seed were cleaned:—

Small Seeds

Alfalfa	5,943	lbs.
Sweet Clover	35,606	“
Timothy	22,601	“
Red Clover	6,648	“
Red Top	150	“
Sudan Grass	190	“

Grains

Oats	2,616	bushels
Barley	450	“
Beans	38	“
Wheat	6,440	“
Peas	3½	“
Buckwheat	10½	“
Millett	38	“

177 farmers of Eastern Ontario took advantage of this service during the year.

DIVISION OF HORTICULTURE

The season of 1943 was a particularly difficult one for many apple growers. Nearly three weeks of rainy weather during May prevented many growers from applying the early sprays that are very necessary if a satisfactory control of apple scab is to be obtained. Orchards in well established

sod, where good drainage had been provided, enabled the owners to apply the necessary sprays whenever an opportunity occurred, with the result that good crops of excellent quality were produced.

During the season, despite limiting factors on transportation, a number of visits were made to orchardists, vegetable growers and others, who desired assistance and advice on a variety of problems. Addresses were requested by several Horticultural, Women's Institute, and Community Organizations on a variety of horticultural subjects.

Several factors in connection with the work of the Horticultural Division of the School can now be reported upon, at the testing of various fruits has been carried on for a number of years. Fifteen years ago several varieties of grapes were planted, the varieties chosen were Niagara (white), Moore Early (black), Campbell Early (black), Concord (black), Salem (red), Vergennes (red), and Massasoit (red).

Though the system of growing has been modified and somewhat altered by experience, several of these varieties have proved quite satisfactory. The best success has been obtained with Niagara, Moore Early, Massasoit and Concord, in the order named. Vergennes has usually proved too late to fully mature the crop. Campbell Early has not been as hardy as the four first mentioned varieties. This success has prompted the further trial of a number of new varieties, several from the Experimental Farm at Ottawa, and some of the older varieties such as Pocklington, Diamond and others.

Some years ago a number of Plums were planted but with little success except for one variety, Kahinta, that has proved both hardy and a good cropper and has become quite popular locally as a preserving fruit. A new series of Plum varieties, produced at Ottawa and named after the Counties of Eastern Ontario, are now being tested. One of these named "Grenville" is quite promising, provided the problem of pollination can be solved.

A number of new varieties of Raspberries has been produced during recent years, and several of these from the Central Experimental Farm, Ottawa, give promise of being valuable acquisitions to growers of this fruit in many parts of the country. As a commercial variety "Ottawa", and as a home garden variety "Rideau", have been so promising that several hundred plants of these varieties have been distributed to a number of growers in this area for further trials. Two more recent varieties named "Trent" and "Madawaska" are very promising.

Several new varieties of Strawberries are being tested, two of these named "Louise" and "Elgin" give promise of materially extending the strawberry season.

The past winter, with little snow cover, and deep penetration of frost, has definitely injured a number of the semi-hardy varieties in several fruits, particularly with reference to Plums and Strawberries. In the latter case this was quite noticeable where no cover had been provided. The winter proved quite severe on many species of perennials and alpins that had little opportunity to mature before severe freezing set in.

DIVISION OF CHEMISTRY, SOILS AND FERTILIZERS

The extension work of this Division is divided into the following projects:

1. *Permanent Fertility Trials*

This type of project involves an area of from nine to twelve acres at three locations, where the field is divided into four equal sized plots receiving various fertility treatments throughout the rotational period. These plots are located at the following centres, with the length of period each has been conducted:

Merrickville	5 years
Bainessville	4 years
Foxboro	3 years

2. *Co-operative Cereal and Variety Tests*

This work is carried on in co-operation with the Cereal Division of the Central Experimental Farm, Ottawa. In previous years rod row tests have been laid out in various selected areas but owing to scarcity of labor and travel restrictions, this has had to be discontinued. In its place small observational plots were laid down in several locations, made up of the most outstanding varieties in order that additional data could be obtained from observation. In one location strips of approximately one-sixth acre, with half of each strip fertilized, were laid down using five varieties of Oats and three varieties of Barley.

3. *Demonstrational and Special Plots*

These projects included test trials on the following:

1. Securing of residual data on previous applications.
2. Fertilizer tests of regular vs granular fertilizer.
3. Pasture fertility treatments.
4. The use of Boron in fertilizer on Turnips.
5. Fertilizer treatments on different potato varieties.
6. Spring vs Fall applications of fertilizer.
7. Use of Plow sole fertilizer attachment.
8. Comparison of different varieties of Soybeans sown with Hybrid Corn.

4. *Soil Testing*

This service has fallen off slightly this past year owing to lack of time and labour on the farm. The interest and value of soil tests is becoming more apparent. Some nine hundred and seventy samples were tested and reports forwarded re same.

5. Several field and special meetings were addressed when Soil, Crop and Fertility problems were discussed.

DIVISION OF POULTRY

The K. A. S. poultry flock has had a reasonable successful year and some very good records were made, twelve birds having egg production in excess of 300 eggs.

A slight outbreak of Laryngotracheitis was experienced during the early winter and fifteen birds were lost due to this disease, as well, egg production suffered in the affected pens. This outbreak was probably due to some diseased birds being left on the plant for post mortem examination.

Owing to this outbreak of disease, it is the intention to dispose of the entire laying flock a month or six weeks before the pullets are brought in from the range. Experience has shown that this is the only effective method of eradicating this trouble.

Considerable extension work has been carried on in Eastern Ontario during the past year.

Co-operation with the "Health of Animals Branch", of the Federal Department of Agriculture, has proven very satisfactory and some excellent results have been obtained in relation to disease control.

It is felt that greater emphasis should be laid on the control of poultry diseases in Ontario.

Pullorum, Coccidiosis, Laryngotracheitis and the Leucosis complex, to mention a few diseases, are taking a terrible toll of birds. In this country losses as high as 60% have been reported and 35% losses are common. No business can sustain such losses and survive.

Chick losses and pullet year mortality are draining the industry, although the latter is often a carry over from harmful effects established during the range period.

There is no attempt being made to control even the pestilent diseases, let alone the numerous other maladies, which collectively mount up to heavy losses. Where would the live stock industry be in Ontario if Foot and Mouth disease, Hog Cholera, Glanders and Anthrax were left uncontrolled? That is precisely the situation in the poultry industry. The direct and potential losses from 'tracheitis and bronchitis alone, amount to a staggering figure. The so-called Leucosis complex has the industry's wind up. It is killing and maiming an appalling number of fowls.

It is felt that the poultry industry of Ontario is in crying need of the establishment of an efficient poultry disease service. This service should be developed in keeping with the needs of the industry and operated entirely independent of the animal Pathology or poultry husbandry services, though in close co-operation with both. Many meetings have been held in Eastern Ontario, and at each one the demand for some help in the disease situation was apparent. Most of the questions asked by farmers had to do with disease control.

The following is a list of the extension work carried on during the past year:

Farmer's Club meetings attended	33
Women's Institute meetings attended	6
Combined meetings attended	36
Farm Demonstration and Barn meetings	26
Boys' and Girls' Club meetings	6
Boys' and Girls' flock inspections	81
Farm visits re disease, etc.	221
Visitors to plant re disease, feeding, etc.	150
Number of people at meetings	2,474

DIVISION OF DAIRYING

The fiftieth session of the Dairy School for Eastern Ontario had an enrolment of sixty-one students for the three months' diploma course. One hundred and fifty-three applications were received for the course, and of these ninety-two had to be refused admittance owing to lack of accommodation. The course was conducted under the Dominion-Provincial War Emergency Training Programme, which provided a subsistence allowance

for each student. This inducement undoubtedly contributed to the record attendance for this course. The registration shows the following sixteen counties represented:—Algoma 1, Carleton 7, Dundas 1, Glengarry 3, Grenville 3, Hastings 13, Lanark 4, Leeds 7, Lennox 2, Nipissing 1, Northumberland 3, Peterborough 2, Prescott 6, Renfrew 1, Russell 5, Stormont 2.

At the conclusion of the course fifty-three students wrote the examinations for the Dairy School Diploma and of these fifteen passed with First Class Honors, twenty-two passed with Second Class Honors, and fourteen obtained Pass standing. The Montreal Provision Trades Association awarded One Hundred Dollars (\$100.00) prize money to stimulate competition among the students, and the S. F. Lawrason Company Limited, London, Ontario, donated a Silver Trophy to the student showing the best attitude to dairy work.

The bacteriological service supplying Lactic cultures to cheese factories in particular, and other dairy plants, was conducted from the Dairy Laboratories, throughout the year. During 1943 twelve hundred and forty-nine of these cultures were supplied. Four hundred and five cheese factories throughout the province applied for these cultures out of a total of five hundred and ninety-five or being sixty-eight per cent. This aggregate percentage includes 74.5% of the factories in Eastern Ontario, 66.6% of the factories in Northern Ontario, and 23% of the factories in Western Ontario.

Dairy Chemistry services and supplies have been provided for twenty-nine cheese and creamery instructors in Eastern and Northern Ontario.

During the year thirty-seven visits were made to outside places in connection with the work of the school and the Dairy Branch, which included twenty-five cheese factories and creameries, and addresses to twelve meetings of cheesemakers, buttermakers, and dairy convention meetings.

HORTICULTURAL EXPERIMENT STATION, VINELAND

RESEARCH

Project 431. Quantity and Quality of Fruit (fresh and canned) as Affected by Stage of Maturity at Picking Time.

This study involves three varieties of cherries, five plums, three peaches, and two pears. Samples are picked 10, 7, and 4 days before the estimated optimum maturity date, at optimum maturity, and four days after. "Optimum Maturity" is considered to be within three-four days of useful ripeness.

Averaging the 1943 data for all varieties of each fruit in the final week before optimum maturity, the following changes were noted:

<i>Kind of Fruit</i>	<i>Increase in Tonnage</i>	<i>Increase in Sugar</i>	<i>Decrease in Acid</i>
Cherries	9 per cent	10 per cent	1 per cent
Plums	10 per cent	15 per cent	4 per cent
Peaches	24 per cent	17 per cent	8 per cent
Pears	5 per cent	3 per cent	10 per cent

Fruit picked even ten days before optimum maturity ripened satisfactorily and, except for Kieffer pear, without visible shrivelling, but with

very inferior quality. Elberta peaches picked ten days before the optimum time and held at 65° F., did not become soft ripe for two weeks, and had then lost ten per cent of their picking-time weight. Comparable fruit left on the trees gained 22 per cent in weight, and surface red colour increased from five per cent, to 40 per cent.

Project 432. Experimental Shipments of Fruit from Vineland. (In co-operation with the Ontario Fruit Branch).

Initiated in 1943, the shipments for these first trials was limited in number and confined to Shiro plums, and Golden Jubilee, Vedette, and Veteran peaches, of certain maturity and size standards. The fruit was secured from commercial orchards and shipped through regular trade channels.

Shiro Plums. In the more mature lot the green ground-colour had just disappeared while the less mature lot was about two days from this stage. The check lot was a regular commercial pack including the above, and intermediate maturities. All lots, including the most mature, shipped and kept satisfactorily indicating that if brown rot is controlled, Shiros may safely be left on the tree to attain full size.

Peaches. The six-quart baskets were extended in height by the use of corrugated cardboard liners which, in general, were favourably received by consumers as a protection against bruising of the fruit. In the more mature lots the green had just disappeared from the ground colour, while the less mature lots were picked and shipped four-five days prior to this stage. Check lots included the above maturity limits, and intermediate stages.

Golden Jubilee sent to North Bay remained in good condition throughout, but Veteran did not. This may be due to varietal differences as well as method of shipment. Pressure tests showed all Veteran lots to be softer than corresponding lots of Golden Jubilee; also Golden Jubilee was refrigerated en route while Veteran was not. The more mature Veteran did not show more rot than the less mature, but they did show more bruising.

In size grading, the largest peaches, 2 $\frac{3}{4}$ " and up, arrived in poorer condition than the smaller sizes, suggesting the desirability of grading out and selling separately in local markets, the over-size fruits.

Project 362. Time of Year as a Factor in Transplanting Grape Vines.

During the period 1936-42 Concord grape vines were transplanted in late October, November, December, April, and early May. All plantings gave perfect stands, and the slight differences in growth rate and yields are not statistically significant. Apparently grapes may be planted in any of the above months with almost equal chances of success.

However, for physical reasons, the late October and early May plantings cannot be recommended. In late October the vines are usually in full foliage, and to prevent serious drying out of the transplanted vine leaf removal is necessary, adding considerably to the labour cost. In early May the buds are swollen or actually burst and are very easily rubbed off. As to December planting there is usually difficulty in obtaining, at one and the same time, suitable weather and soil conditions. Practically, therefore, November and April are preferred grape transplanting times.

Organic Matter Studies. These involve a considerable number of plots in open land, and varying treatments. Green-manure crops grown include buckwheat, rye, millet, sweet clover, soy beans, weeds, alfalfa, blue grass. Some plots receive farm manure, legume hay, or straw; and all plots excepting checks receive either phosphate and potash combined (0-12-15), or in addition to nitrogen.

Buckwheat. Two crops of buckwheat in a season have given about a ton per acre more dry matter than one crop, that is, almost doubled it. All organic supplements, farm manure, legume hay, and straw, except the latter when used alone, have improved the growth of buckwheat. Straw by itself has been detrimental, and in combination with legume hay and farm manure has had a tendency to depress the growth of buckwheat except where nitrogen had been applied.

Rye Combinations. Irrespective of fertilizer treatment the rye-soybeans combination has resulted in a greater weight of dry matter per acre than the other combinations with rye. At the best, soybeans were no better than a fair stand, often quite a poor stand, and weeds always made up a much greater weight of both green and dry matter than the soybeans themselves. Yet soybeans must have had a stimulating effect on the weed growth associated with them for here the weeds were more vigorous than in either of the regular weed plots.

Soybeans. Soybeans alone were almost equal to the rye-buckwheat, and rye-millet combinations. Weed growth was strong probably due to a favourable nitrogen level resulting from the nitrogen-gathering properties of the soybeans.

Weeds. The date that weeds were permitted to begin growth made a difference in the weed population and the dry matter obtained therefrom. A larger amount of dry matter would be expected from the plots on which cultivation was stopped May 15 than on those on which cultivation was continued until July 15. On the contrary, however, without additions of nitrogen, the latter plots gave the greater amounts of dry matter (weeds) and it was only when nitrogen was supplied in mid-May that the former surpassed the latter. The weeds—May 15 plot, had a high proportion of yellow foxtail, a weed which keeps the soil nitrate at a very low level both in its growing period and in its decomposition period after incorporation with the soil. On the other hand, weeds—July 15 plots, both with and without farm manure, had a high proportion of lamb's-quarter and pigweed, neither of which seem to bring about the acute nitrogen starvation occurring under yellow foxtail.

Fertilizers. As indicated earlier, farm manure and legume hay have increased the growth of buckwheat, but the current increase has not been sufficient to pay for their application; straw alone has depressed the growth of buckwheat. Both alone and in combination, in equivalent amounts of dry matter, legume hay has induced better yields of buckwheat than has farm manure.

In view of the fact that, in 1936, readily available phosphate and potash were low, very low, or almost lacking in the 6-12" level, and only low to medium in the 0-6" level, a response from applications of these minerals would almost be expected. However, applied as an 0-12-15 mixed fertilizer, they have not yet given striking increases in dry matter of top growth with any of the crops. Nitrogen in the form of sulphate of ammonia, when added to the minerals, has resulted in appreciable increases in dry matter with

most of the crops under test, especially marked with weeds—May 15, and with the millet-rye combination. Soybeans, alone and with rye, have also benefited appreciably from applications of nitrogen, but since there was a high proportion of weeds in these plots the increase was probably largely through them and not through the crops sown.

Sod Treatments. Alfalfa sods, with one treatment excepted, have given greater yields of dry matter than bluegrass sods, even though, from two years after seeding onwards, the stands of alfalfa were often far from being good.

Phosphate-potash has not given increased crops of alfalfa or bluegrass, nor has the addition of lime increased yields of dry matter. Bluegrass has responded to applications of sulphate of ammonia and to a lesser degree to dressings of farm manure, but alfalfa has not been benefited by either of them.

Changes in Soil Organic Matter. A very limited number of the plots have been tested for organic matter content at the beginning of the experiment and at the end of several years. All plots will be analysed for organic matter within the next few years.

After three years' cropping, eight alfalfa plots changed in average percentage organic matter in the top six inches of soil from 2.19 to 2.73, and eight bluegrass plots changed from 1.99 to 2.40 per cent. Even though more dry matter was added to the soil through alfalfa tops than through bluegrass tops, the increase in soil organic matter was about the same.

In the fifth year of the experiment, soil samples taken from eight annual crop plots at two depths, 0-6" and 6-12", showed the greatest increase in organic matter at the lower level, some increase in the top soil where the green-manure crops were heavy, and a doubtful increase where only light crops had been grown and incorporated with the soil.

PLANT BREEDING AND VARIETY TESTING

Distribution of Plant Material

Growers and nurseries continue to make use of Station variety orchards as a source of true-to-name propagating material, as indicated in Tables I and II.

Table I—1943 Distribution of Propagating Material of Named Fruit Varieties.

Kind	No. of Varieties	No. of Buds	No. of Scions	No. of Trees, etc.	No. of Nursery and Grower Contacts
Apple	36	1330	1335	83	30
Apricot	6	3375	.....	4	10
Cherry	10	2405	50	40	14
Peach	20	3765	12	64	21
Pear	13	400	110	27	19
Plum	14	2990	28	91	20
Nut	1	.....	20	.....	2
Grape	8	.....	66	.....	3
Currant	4	.....	85	.....	2
Gooseberry	1	.....	10	.....	1
Raspberry	13	.....	.....	560	17
Strawberry	5	.....	.....	1710	36
Totals	131	14,265	1716	2579	175

Table II—Fruits, 1943, Distribution of Station Introductions

Kind and Variety	No. of Buds	No. of Scions	No. of Trees, Plants	Grower and Nursery Contacts
Velvet Sw. Cherry	1240	18	.....	8
Vernon Sw. Cherry	40	6	.....	3
Victor Sw. Cherry	585	.....	2	5
Veefreeze Peach	525	.....	.....	3
Valentine Strawberry	.....	.....	1425	34
Vanrouge Strawberry	.....	.....	135	4
Totals	2390	24	1562	57

Vanguard Peach. First disseminated in 1941, this early-season, yellow flesh, semi-free stone variety is the most recent Station introduction. In 1941, 5,400 buds were distributed to five Ontario Nurseries, and in 1942 a further distribution of 7,700 buds was made to three nurseries in Ontario and one in New York State.

Grower Trials. Limited distribution of the more promising Station seedlings which, however, are still on trial, is made in order to secure a more comprehensive test than is afforded by trial under Station conditions only. 1942-43 distribution is summarized in Table III.

Table III—Station Seedlings Distributed For Trial, 1942-43.

Seedling	No. of Buds	No. of Scions	No. Trees, Plants	Grower Contacts
Apple, #25081	.....	12	127	27
Sw. Cherry, #27016	16	.....	22	7
Sw. Cherry, #270215	10	.....	27	6
Peach, #290147	400	.....	.....	5
Peach, #290159	100	.....	.....	2
Peach, #29026	200	.....	.....	4
Peach, #350113	70	.....	4	4
Pear, #25141	.....	6	21	6
Raspberry, #2504137	.....	.....	50	2
Strawberry, #270176	.....	.....	25	1
Strawberry, #301064	.....	.....	50	2
Strawberry, #301988	.....	.....	25	1
Totals	790	18	351	67

Distribution of Named Varieties, Vegetables, 1943. Seed of 46 varieties of vegetables, mostly field tomatoes, was distributed on request to 27 growers.

In addition, distribution of Station varieties or selections in 1943 was:

- Asparagus, Selection #35, nine pounds of seed to ten growers.
- Rhubarb, Valentine, one hundred and fifty crowns to 22 growers.
- Sweet Corn, Vincross B4, five and one-quarter pounds to five growers.
- Sweet Corn, Vincross B5, seven and one-half pounds to seven growers.
- Sweet Corn, Inbred Bantam, No. 1, two pounds to two growers.
- Sweet Corn, Inbred Bantam, No. 3, ten pounds to two growers.
- Tomato, Harkness, eleven ounces to ten growers.
- Tomato, V121, seven ounces to ten growers.

STRAWBERRY BREEDING

Table IV summarizes a recent analysis of the strawberry breeding since its inception in 1913, up to and including 1943.

In the data from which the summary is made, Early Ozark stands out as a parent variety. Of the 403 selections, 285 are more or less closely related to this variety.

Table IV—Summary of Strawberry Breeding, 1913-43.

	No. of Parentages	No. Plants in Field	No. of Selections
Crosses	277	32,266	375
Self-pollinations	44	1,572	.....
Open-pollinations	41	3,691	28
Totals	362	37,529	403

From the 403 selections (for further test) four varieties have been named and introduced, Vanguard (1922), Vandyke (1928), Vanrouge (1939), and Valentine (1941).

VEGETABLE SEED PRODUCTION

The production of foundation seed, in co-operation with the Canadian Seed Growers' Association and the Plant Products Division, Production Service, Dominion Department of Agriculture, was continued during 1943. In addition to carrying a number of vegetable varieties in small quantity, foundation seed in considerable quantity was required and supplied of certain varieties as follows:

Harkness Tomato	16 lbs.
Bonny Best Tomato	11 lbs.
Hamilton Market Pepper	1 lb.
Windsor A Pepper	¾ lb.
Early Fortune Cucumber	10 lbs.
Parent Hybrids for Vinecross B5 Sweet Corn.....	97 lbs.

Also, commercial stocks of seed, not rated as Foundation, were produced of Improved Long Green Cucumber (70 lbs.) and Yellow Globe Danvers Onions (five lbs.).

VEGETABLE VARIETY TESTS

In the trial plots (Verification, Merit, and Purity of Variety), in co-operation with the C.S.G.A. and Central Experimental Farm, there were 276 varieties which included all the commonly grown kinds of vegetables. The detailed descriptions required for each variety are recorded during the growing season and later forwarded to the appropriate Dominion Department of Agriculture office.

EXTENSION

Spray Service. During the year (April 1, 1943-March 31, 1944) 237 new names were added to the mailing list; 51 names were dropped as they

no longer required the service. The complete 1943 list included 1,518 growers to whom 12 spray circulars were sent during the spraying season.

Nursery Inspection for Varietal Mixtures. All of the fruit trees in Ontario nurseries to the number of 514,350 were examined for trueness-to-name in 1943. 2,531 (0.5%) found to be incorrectly named were broken down or labelled correctly. All varieties were examined but the inspection certificate issued to the nurseries covered only the major varieties of each fruit—26 apples, 8 pears, 20 plums, and 15 cherries. Peach trees were examined but absolute certification is impossible owing to difficulties in distinguishing some varieties from others.

Chemical Laboratory. 413 growers' soil samples were analysed during the year for acidity, nitrogen, phosphorus, potassium and calcium. Reports were written and recommendations sent to each grower. For Project 431, 'Fruit Maturity Studies', 252 sugar and acid determinations were made on the fresh fruit at the various stages of maturity.

Fruit Products Laboratory. Fruit and vegetables were again processed during the year for use in the determination of Vitamin content. 93 varieties of fruit were canned, 19 into jam, and 30 varieties of vegetables were processed. During the growing season 238 fresh samples of fruit and vegetables were collected for analysis of Vitamin content in the fresh state. For Project 431 'Fruit Maturity Studies', 48 samples of cherries, plums, peaches and pears were processed at various stages of maturity.

Growers' Meetings. 31 groups of fruit and vegetable growers were addressed during the calendar year 1943, on a wide range of fruit and vegetable cultural subjects. Average attendance, 40 growers.

Bulletins and Reports. In cultural bulletins for the tree fruits the policy heretofore has been to prepare individual bulletins for each kind of fruit (i.e., apple, cherry, peach, pear, plum), all phases of culture such as varieties, planting, pruning, soil management, and pest control, being included in each bulletin. Necessarily, there was considerable duplication of cultural material.

More recently, bulletins have been prepared according to subject matter rather than kind of fruit, and the following are now available:

- Bul. 392. Pruning the Tree Fruits (1940).
- Bul. 424. Pollination in Relation to Orchard Planning (1942).
- Bul. 430. Fruit Varieties (1943).
- Bul. 433. Establishing the Young Orchard (1943).
- Bul. 437. Orchard Soil Management (1944).
- Bul. 439. Orchard Grafting (1944).

The small fruits, including grapes, do not readily lend themselves to the same treatment, and the recently revised cultural bulletins of these fruits have therefore been continued under the old arrangement of kind of fruit. They are:

- Bul. 335. The Strawberry in Ontario (1942).
- Bul. 355. The Raspberry and Blackberry in Ontario (1942).
- Bul. 438. The Grape in Ontario (1944).
- Bul. 440. Currants and Gooseberries (1944).

Articles, Popular, 1943-44.

Nut Culture in Ontario. W. J. Strong. (Mimeograph, April, 1943).

Fall Planting of Fruit Trees. C. B. Kelly. (Can. Hort. and Home Mag., Sept.-Oct., 1943).

Taking the Rose Garden Indoors. W. H. Upshall. (Can. Hort. and Home Mag., Nov.-Dec., 1943).

Malling I and II as Rootstocks for Five Apple Varieties. W. H. Upshall. (Can. Hort. and Home Mag., Nov.-Dec., 1943).

Hybrid Corn Breeding. W. J. Strong. (Can. Hort. and Home Mag., Jan., 1944).

WESTERN ONTARIO EXPERIMENTAL FARM, RIDGETOWN

The season of 1943 was not very satisfactory for crops and field experimentation. The precipitation was 32.63 ins. which is just a little over the average, yet 55% of it came in April, May, June and July. Seeding was very late, and a lot of crops were badly injured by rain after planting.

Fruit set poorly and also suffered considerably from disease and insect infection.

The programme at the farm was very much the same as last year. Fewer meetings were attended throughout the year. Fewer organized groups visited the farm, and no field days were held during the year. Yet more individual farmers have visited us with all kinds of problems. The sale of seed grain and crossing stocks of hybrid corn continues to be one of our chief activities. The sale of breeding stock and hatching eggs has been good.

Experimental work suffered considerably from the unfavourable weather condition, yet a lot of useful information was obtained in regard to crop practices during a wet season.

ANNUAL SALE

The annual sale of surplus live stock was held on Wednesday, August 11th. The sale was well attended and prices were fairly good.

43 bred sows	averaged \$	43.90
20 gilts	averaged	19.62
12 boars	averaged	22.50
6 Shorthorns	averaged	145.42

This brought a total of \$3422.50.

This stock was distributed among the different counties as follows: Essex, 5 head; Kent, 44 head; Elgin, 7 head; Lompton, 11 head; Middlesex, 2 head; other counties, 14 head.

FARMER'S WEEK

The annual Farmers' Week was held January 10th to 14th. Five afternoon and five evening sessions were held. The subjects discussed were as follows: Poultry, Fruit and Vegetables, Cattle, Plans for 1944 Agriculture, Swine, The Ontario Agricultural Inquiry Commission, Field Crops, Soils and Fertilizers, Farm Machinery, and Post War Agriculture. The average

attendance at the ten sessions was 145 ranging 50 at the session were post war agriculture was discussed up to 225 at the poultry session.

CORN

The growing of foundation stocks for hybrid corn was continued throughout the year. The new early varieties were included in the list this year. This makes a list of ten hybrids for which we are growing crossing stocks at the present time.

In order to produce this seed we required 77 acres of corn. 30 acres of this was grown at the Experimental Farm, the other 47 acres was distributed on 10 different farms throughout the district.

The following table will give a summary of the average of the different types grown since the start of this work:

Year	Can. 240	Can. 255	Can. 275	Can. 279	Can. 355	Can. 531	Can. 606	Can. 625	Can. 645	Can. 696	Total Acres
1940						57	396	30	333	123	939
1941					310	652	1202	95	898	161	3313
1942			220	120	515	583	2133	160	1545	281	4911
1943			383	290	540	819	1579	93	928	205	4937
1944	145	95	395	140	865	1566	1654	220	751	180	5851

Corn experimental work in Ontario is being done at Ottawa, Guelph, Harrow, and Ridgetown. From the results of variety tests at these different stations, lists are compiled of corn suitable for growing in Ontario. The following list are those recommended for 1944:

Very early: Can. 240, Can. 255, Can. 275, Can. 279, Can. 355.

Early: Minhybrid 301, DeKalb 65, Funks G176, Pioneer 355, Kingscrosst M, Can. 531, Iowa (white) 3215.

Medium: DeKalb 240, Can. 606, Can. 645, Can. 625, Pioneer 373, Funks G31, Ohio M15.

Late: Funks G15, Pioneer 322, DeKalb 404A, Pioneer 340, Iowa 939, Funks G29, Kingscrosst FB, Iowa 942, Illinois 972, Indiana 610.

The following table will give the results of the hybrids tested at Ridgetown in 1943.

HYBRID CORN VARIETY TESTS

Hybrid	Plant Height ins.	Maturity Moisture in grain at harvest %	Shelling percentage	Shelled corn per acre bus.
Kingscrosst KR 2	98	38.2	82.0	75.2
Kingscrosst KM 2	88	38.8	80.5	71.4
Kingscrosst KS 6	87	39.3	82.3	72.7
Kingscrosst KN 1	91	40.4	81.1	69.7
Pioneer 355	95	38.5	82.7	74.4

Pioneer 370	97	39.3	84.2	80.7
Pioneer 373	97	43.3	84.6	87.6
Pioneer 342	101	44.1	81.6	86.7
Pioneer 340	98	46.1	81.1	84.0
DeKalb 240	95	39.3	82.0	79.7
DeKalb 302 (white)	92	39.8	83.0	57.2
DeKalb 65	93	39.9	82.7	68.5
Funks G176	91	41.3	80.9	75.5
Funks G179	89	42.2	82.0	64.6
Funks G12	97	43.3	80.0	74.5
Funks G31	92	45.4	80.8	77.4
Moews 15A	99	43.2	79.1	71.2
King 260	102	40.8	81.1	74.4
King 270	98	44.4	81.7	71.8
Wisconsin 640A	98	45.0	81.0	72.9
Wisconsin 648	96	45.5	80.8	67.5
Iowa 3215 (white)	99	37.7	82.9	76.1
Minhybrid 602	85	33.6	80.2	61.1
Minhybrid 502	85	36.0	80.6	60.3
Minhybrid 405	91	42.3	81.4	66.4
Indiana 210	100	45.3	81.4	77.9
Ohio M34	101	38.7	83.3	80.7
Ohio M20	101	39.4	84.5	78.4
Harrow D	94	37.8	82.9	68.2
Harrow F	99	42.0	83.8	73.3
Harrow A	102	43.5	83.7	76.0
Harrow K	101	44.6	82.1	78.6
Canada 531	94	40.3	82.1	66.6
Canada 606	96	42.3	83.8	73.5
Canada 696	105	43.7	81.0	75.8
Canada 645	97	42.8	79.4	69.8

PASTURE

The test plots in the pasture experiments gave some interesting differences from last year. Parkland Brome, Orchard Grass, and Meadow Fescue continued to give more feed throughout the season than any of the other grasses. Orchard grass particularly seemed to benefit from the clipping in July, as it grew a much finer type of leaf after the clipping, and seemed to be more palatable to the cattle.

There was no perennial Rye grass left in the season of 1943 as none came through the winter.

Canadian and Kentucky Blue and the different types of timothy made good pasture up until June, but like the season of 1942, showed little growth after that date.

Creeping Red Fescue produced a wonderful growth and a very thick stand, but was not palatable to the cattle.

It would seem fairly safe to say that Parkland Brome, Orchard grass and Meadow Fescue are the three grasses that should make up the bulk of any mixture sown for cattle pasture in South Western Ontario.

Ladino continues to be the most promising clover for pasture purposes

in this district. During the year several new pasture plots have been sown containing this clover with different types of grasses to study its behavior in mixtures.

Alfalfa and Marrow Stem Kale have again shown up as the best pig pastures and are much ahead of any other crops for a full season pasture.

FERTILITY MAINTENANCE

For the past five years a test has been conducted with different methods of maintaining soil fertility. The soil selected in 1939 was in a good state of fertility and the methods used were those in common practice in South Western Ontario.

The crop rotation used was: beans, wheat, corn, and spring grain.

Plot No. 1 received barnyard manure in 1939, had clover plowed down every second year, and commercial fertilizer every year at the rate usually used on such crops in the district.

Plot No. 2 received the same manure and green manure treatments but no fertilizer.

Plot No. 3 received only the green manure treatments.

Plot No. 4 received the green manure every second year, and fertilizer every year.

Plot No. 5 received the barnyard manure only.

Plot No. 6 received the commercial fertilizer only.

The following table will show the annual returns from the crops each year which gives a fair idea of the success of these different methods of treatment:

<i>Year</i>	<i>Crop</i>	<i>Plot 1</i>	<i>Plot 2</i>	<i>Plot 3</i>	<i>Plot 4</i>	<i>Plot 5</i>	<i>Plot 6</i>
1939	beans	\$ 91.66	\$ 95.83	\$ 84.16	\$ 83.33	\$ 83.33	\$ 77.50
1940	wheat	51.03	48.28	36.22	46.02	44.52	45.27
1941	hybrid corn ...	230.00	199.75	99.90	231.25	77.75	68.00
1942	barley	38.72	31.50	29.14	38.22	32.82	35.22
1943	beans	70.67	70.00	60.67	73.37	80.00	55.32
		\$483.08	\$445.36	\$310.59	\$472.19	\$318.42	\$281.31

The following table will give the cost of the fertilizing material used on these plots for the five year period. It should be noted that the manure used makes the cost a little higher on Plots 1, 2 and 5 than it should be, as the results of the manure are spread over a little longer period than shown on the table.

<i>Year</i>	<i>Plot 1</i>	<i>Plot 2</i>	<i>Plot 3</i>	<i>Plot 4</i>	<i>Plot 5</i>	<i>Plot 6</i>
1939	\$27.25	\$24.00	.....	\$ 3.25	\$24.00	\$ 3.25
1940	6.13	3.75	3.75	6.13	.....	2.30
1941	2.30	.....	.....	2.30	.....	2.30
1942	27.94	25.50	1.50	3.94	24.00	2.44
1943	1.55	.....	.....	1.55	.....	1.55
	\$65.17	\$53.25	\$5.25	\$17.17	\$48.00	\$11.84

OTHER CROPS

Oat plot tests in 1944 were very unsatisfactory. There were indications, however, that the Erban and Ajax varieties were the most satisfactory on a very wet year.

Winter barley has been grown successfully for the past six years. Each year yielding heavier than any of the spring varieties. It has been decided to discontinue Spring barley as a crop and concentrate on winter barley entirely. There are indications that the farmers in the district may do the same, as there is three times the acreage in this crop this year.

Variety tests in field beans did not bring out any new information during the year. Michelite still was the leading variety and continues to be the most popular bean throughout the bean growing district.

Harrow 81B, a new soy bean, showed up well in the test plots during the year. This variety along with Richland and Mandarin had considerably less lodging than any other varieties. This is one of the important factors at this time, when most of the harvesting of this crop is being done by combines.

Seed production was tried out on a small scale with several forage crops. This was satisfactory with Soudan grass and Empire Millet and satisfactory yields were obtained. Difficulty was encountered with the threshing of Sorghum. Ladino clover also produced plenty of difficulty as it is an ever bloomer and its evergreen habit of producing foliage makes it hard to cure and half a bushel per acre seems to be about the usual yield of seed.

SWINE

The swine herd at the Farm was kept at about the same size as usual. Three young boars were purchased during the year. One hundred and fifty head were sold for breeding purposes.

Home grown feeds were used as protein supplements but as yet no better combination has been found than what was used last year: a mixture $\frac{1}{3}$ the usual amount of tankage, $\frac{1}{3}$ the meal mixture of boiled cull bean and second and third cut alfalfa hay fed whole.

This was tripod cured hay and was fed directly from the field during the winter. Hay fed in this way gave as good results as when ground to pigs of all ages.

Crude oil from the oil wells has been used successfully as a cure for coughs and internal parasites during the past few years. This oil is fed to the pigs in the trough once a week and is repeated two or three times if necessary.

Work in establishing inbred lines for bacon production has been started. Some of the boars in these lines have been used on grade sows of the district, but no definite results are available as yet. Birth weight, rate of growth, grading ability and other data is being collected.

CATTLE

The Shorthorn herd has been maintained throughout the year as usual. A new Shorthorn bull was purchased during the year, and a carload of Hereford steers was put on feed.

For the past five years the Shorthorn herd has been used chiefly for the purpose of experiment. There seems to be a demand in the district for a few Shorthorns that have both beef and milk qualities. Ten head of Scotch Shorthorns were purchased. Two of these were discarded. Two of the others did not raise heifer calves. The other six raised heifers that gave more milk than their dams.

The two most important factors in bringing this about was: first, selection of a herd bull from a good milking Scotch bred cow, and second, pail feeding the heifer calves. When this was done, heifers in their first lactation equalled or excelled slightly the heifers from dual purpose cows in the herd from the same sire.

A carload of Hereford steers was put on feed as usual. The price paid per pound gain this year was 13c on the first two hundred pounds and 14c a pound for extra gain.

The main grain ration this year was immature corn put through the hammer mill. By using this cheap grain ration, more profit was obtained than any year of the past six.

The following is a summary of the past six years of steer feeding:

	1939	1940	1941	1942	1943	1944
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
No. of steers	8	12	15	20	25	20
Original weight	859	872	1002	1004	1030	920
Finished weight	1165.2	1129.5	1317	1219	1260	1149
Gain	306.2	257.9	315	215	230	229
Gain per day	1.9	1.8	1.8	1.4	1.5	1.4
Profit per steer over feed cost.....	\$4.23	\$8.09	\$8.96	\$2.60	\$3.41	\$9.36
Amount paid per lb. gain .....	.08	.08	.08	.10	.12	.13
				loss		for 1st
						200 lbs.,
						.14 for over

POULTRY

The poultry flock has been maintained at about the same size as usual. The sale of hatching eggs was higher than any previous year, as the demand kept up till the end of June. Fewer cockerels were sold for breeding purposes than usual.

Extension service in poultry is increasing every year. More problems in this subject are presented than for any other line of Agriculture. Most of them have to do with health and feeding difficulties.

HORTICULTURE

All types of fruit grown in the district are produced in small quantities at the Experimental Farm. Cherries were a complete failure in 1943 and the Peach crop was very poor. Apples were only about a 50% crop and were poor in quality.

Vegetable growing is confined to green house tomatoes and lettuce. Outside vegetables are grown only in small quantities where variety tests are conducted with most varieties of vegetables. Trials in different methods of applying fertilizer to tomatoes have been conducted during the past two years and are being continued in 1944. Variety tests in Hybrid sweet corn are being continued again as so far no Hybrid sweet corn has been outstanding under our conditions.

In landscape gardening numerous plantings of shrubs and trees suitable for hedges has been made during the past few years.

Assistance has been given in laying out grounds of public buildings, manufacturing plants, and private dwellings. Assistance has also been given in judging flower shows as well as other Agricultural Exhibitions.

SOIL TESTING

During the year soil testing work has been continued. Fewer samples have been submitted than for the past few years. This is probably due to the limited number of brands of fertilizer available. Numerous tests of methods of applying fertilizer are being conducted this year. An extensive survey is also being made of the Erieau Marsh this year in co-operation with the Horticulture and Chemistry Departments of the O.A.C.

DEMONSTRATION FARM, NEW LISKEARD

The growing season of 1943 was quite satisfactory on the whole. Frequent showers in early June gave the crops a good start. Frequent shows from June 25th on made haying very difficult. The weather was excellent during the autumn and fall work was completed in good time.

Seasonal Notes

1943		Particulars	1942	
May	13	Commenced work on land.....	May	1
"	13	First grain sown.....	"	5
"	29	Turned cattle on pasture.....	"	18
"	29	Finished seeding.....	June	5
June	25	Started to cut hay.....	"	25
August	9	Finished haying.....	July	17
"	16	Filled silo (peas).....	"	17
"	12	Started to cut grain.....	August	1
"	23	Cut second crop of alfalfa.....	"	12
"	30	Finished cutting grain.....	"	24
September	16	Filled silo (corn).....	September	29
"	24	Harvested vegetables and potatoes.....	October	24
October	25	Finished ploughing.....	"	27
"	16	Cattle brought in for winter.....		

FIELD HUSBANDRY

Grain

All grain sown was treated with Ceresan. There was practically no smut or rust and the quality of the grain was good. The clover and alfalfa

seed sown was inoculated. There was an excellent stand and all the clover meadows came through the winter in good condition.

Grain Test Plots

Variety	Acreage	Yield Per Acre	Days of Maturity	Remarks
BARLEY				
Plush	$\frac{3}{4}$	42 bus.	75	Trifle late.
Byng	$\frac{3}{4}$	42 "	74	
No Barb	$\frac{3}{4}$	42 "	69	
Oli	$\frac{7}{8}$	27 "	54	Very early.
O.A.C. 21	$\frac{7}{8}$	41 "	64	
OATS				
Mable	$\frac{7}{8}$	38 "	64	Lodged, some stem rust.
Ajax	$\frac{7}{8}$	56 "	66	Very promising.
Cartier	$\frac{7}{8}$	50 "	64	
Erban	$\frac{7}{8}$	54 "	70	Stems slightly rusted.
Dasix	$\frac{7}{8}$	55 "	70	Lodged badly, considerable stem rust.
Vanguard	$\frac{7}{8}$	57 "	76	Straws clean.

Hybrid Corn

Hybrid corn was again tested this year. It was harvested in the milk stage and ensiled. The following results indicate that we had a satisfactory crop:

Variety	Date of Planting	Total Yield per Acre	Weight of Cobs per Acre	Maturity When Harvested
907 P 23	June 2	19 tons	6 tons	in milk stage
955 JF 21	" 2	13 $\frac{3}{4}$ "	4 $\frac{1}{4}$ "	" " "
803 P 25	" 2	20 $\frac{1}{4}$ "	7 $\frac{3}{4}$ "	" " "
853 G 23	" 2	24 $\frac{1}{2}$ "	8 $\frac{3}{4}$ "	" " "
Canada 625	" 2	22 $\frac{1}{2}$ "	6 $\frac{1}{2}$ "	early milk stage
Canada 355	" 2	17 $\frac{1}{2}$ "	6 "	in milk stage

Table Hybrid Corn

Hybrid Sweet Corn gives promise of being a surer crop than the older varieties of sweet corn.

Variety	Date of Planting	Date of Cutting	Yield of Cobs per Acre
Jacques	May 29	Did not mature before frost.	6 $\frac{1}{4}$ tons
Spancross	" 29	August 11	6 "
Vineland B4	" 29	September 13	6 $\frac{1}{4}$ tons
Vineland B5	" 29	" 10	6 $\frac{1}{2}$ "
Dorking	" 29	" 10	5 "
Dorick	" 29	August 25	5 $\frac{1}{2}$ "
Goldban	" 29	" 28	5 "

Yield of crops was arrived at by weighing 1/1000 of an acre.

Peas

Canning factory peas have continued to be a satisfactory cash crop providing proper fertilization and cultural methods are practiced.

Hay

Mixture used—alfalfa 9, timothy 6, red clover 4—20 pounds per acre. The yield was good, and quality fair. Some fields were rank and coarse. A large percentage of our hay was badly weathered by frequent showers. Alfalfa is lasting well in our hay mixtures and is contributing considerable to the protein content of the hay and summer pasture. We anticipate that alfalfa will be our main hay crop. Yield averaged slightly over two tons first cutting, second crop was used for ensilage and pasture.

Pasture

Our blue grass pastures are slowly becoming depleted. Six acres were ploughed in the fall of 1943, to be reseeded to an improved mixture. Two thousand, four hundred pounds of super-phosphate was applied on eight acres of old pasture. Alfalfa and white blossom sweet clover are proving very satisfactory as a summer pasture in July and August.

Ensilage

Canning factory pea straw, second crop of alfalfa and hybrid corn were ensiled. The ensilage from all three crops came out in excellent condition. No additional moisture was added to these crops. The alfalfa was ensiled when about one third in bloom and nothing was added to it in the way of a preservative.

Main Field Crops

<i>Variety</i>	<i>Acreage</i>	<i>Date of Planting</i>	<i>Yield</i>	<i>Cut</i>
Erban Oats	22	May 15	1,272 bushels	Aug. 13
O.A.C. 21 Barley	13	" 14	488 bushels	" 8
Cartier Oats	12	" 18	635 bushels	" 9
No Barb Barley	11	" 20	289 bushels	" 15

Mixed Grain

Cartier Oats and O.A.C. 21	24	" 21	942 bushels	" 9
Erban Oats and No Barb Barley	6	" 21	220 bushels	" 17
Regent Wheat	11	" 13		
No Fall Wheat was grown.			443 bushels	" 20

No Fall Wheat was grown.

Our turnips developed Bacterial Soft Rot, thus no record was taken of the yield.

The varieties tabulated in the above synopsis do not give a fair comparison as some of the fields are more fertile than others. The test plots were in a field that had a fairly uniform soil condition.

LIVESTOCK AND POULTRY

The livestock breeding work has been carried on much the same as usual. Chiefly supplying foundation stock to settlers, assisting farmers in the purchase of stock from other districts and demonstrating proper care and management of herds and flocks.

The Annual Auction Sale was held on August 11th. There was a larger crowd than usual and prices were slightly higher than in the past.

Horses

Eight horses were kept on the Farm. Our brood mare raised another healthy foal. The practice of feeding potassium iodide during the winter and inoculation for Joint Ill was continued. We have had no trouble raising foals for the past seven years.

Cattle

The Shorthorn herd has been increased to approximately forty-six head. Five R.O.P. records were completed during the year. We have a number of promising heifers. Official R.O.P. herd test averaged 4.3% butterfat in March.

Ten bulls and one cow were sold for breeding purposes. Three females were sent to the butcher.

Swine

Six brood sows were kept, however four had to be discarded. Two gilts were purchased from the Farmers' Advocate Farm and two gilts and a boar from the Ontario Agricultural College.

All young pigs were fed Ferris Sulphate and treated for internal parasites.

Our breeding stock was again wintered in an outside hut and fed grain in self-feeders and clover on the snow. This method of wintering stock has proved quite satisfactory, and also reduces the cost of labour as well as keeping the sows in better health.

Sixteen boars and twenty-three sows were sold for breeding purposes and seventeen for meat.

Sheep

Our flock has been maintained at approximately forty ewes, three-quarters of which are pure-bred Oxfords. We have continued our grading up programme of grade Oxford, Suffolk and Hampshire and have demonstrated that a good grade flock can be developed when a pure-bred ram of the same breed is consistently used.

There was a good demand for breeding ewes and rams. Three rams and four ewes were sold. Fourteen were sold for meat.

The grade weathers representing the three breeds were exhibited at the Lamb Fair. They all graded No. 1 and sold for an averaged of \$11.95.

Poultry

Approximately four hundred and fifty Barred Plymouth Rock pullets were put in the laying pens, culling was practiced throughout the winter. There was a good demand for hatching eggs. Two thousand five hundred baby chicks and five hundred and twenty-seven cockerels were sold. Excellent reports were received on the chicks distributed.

Poultry continues to be the most lucrative division.

HORTICULTURE

Farmers were assisted in laying out grounds and encouraged to plant trees around buildings. The tree planting programme was continued at the Farm.

We co-operated with the local Kiwanis Club in their District Tree Planting Competitions. Trees used chiefly were, white birch, spruce and cedar.

DEMONSTRATIONS

Rotations

We are continuing our five year rotation with excellent results.

Curing of Hay

Tripoding of early cut clovers or alfalfa has become a regular practice. Approximately twenty acres were tripoded on the farm during the last week in June.

We are able to start haying earlier which makes better utilization of our labour and a higher protein feed can be harvested which justifies the additional labour.

Value of Milk and Clover in Hog and Poultry Feeding

The pasturing of hogs and poultry on clover supplemented by crushed wheat, oats and barley, buttermilk and bone meal has been continued with satisfactory results.

The poultry are gradually changed from growing mash to crushed home grown grains, buttermilk and bone meal at about 8 to 10 weeks of age. Pullets raised in this manner develop slower but grow to be large and rugged hens.

This method of raising hogs and poultry reduces the cost of labour and enables one to make better use of home grown grains.

Sheep Shed

The use of a straw sheep shed for wintering our flock has been continued with excellent results.

Reinforcing Manure

We have continued the use of Stable Phos in our stables and have found that when the manure is put in large well tramped piles that the reinforced manure has a higher moisture content, is better rotted and there is less burning. This manure is spread on our meadows the following Fall, this allows plenty of time for weed seeds to be destroyed.

Ploughing

The system of permanent and dead furrows has been continued. This makes possible the rounding of the lands, thus a more efficient system of drainage which has resulted in excellent stands of alfalfa, earlier seeding and better soil conditions throughout the season.

Potatoes

We have continued our demonstration plots—next year will complete our first round of rotation and we anticipate that we will be in a position to publish some definite results.

GENERAL EXTENSION

Seventy farms were visited throughout the district and information relative to the condition of farm buildings, fencing, drainage, etc., was compiled for the Committee on Agricultural Policy.

Twenty-eight Farmers' Meetings were attended. The Superintendent judged at nine fairs.

Fourteen organizations or groups visited the Farm.

SUMMARY

More interest is being taken in the activities on the Farm by the district farmers. They appear to be particularly interested in new varieties of grain, improved hay and pasture mixtures, fertilization and weed control. Interest appears to be growing in practically all classes of livestock. The number of visitors and correspondence continues to increase from year to year.

STATISTICS AND PUBLICATIONS BRANCH

The work of the Statistics and Publications Branch embraces the preparation of agricultural statistics for the province, and the printing and distribution of publications dealing with farming subjects.

The compilation of statistics relating to all phases of agriculture was carried on with excellent co-operation of the rural school teachers, farmers, dairies, cheese factories, creameries, and other processing plants, in the filling out of regular schedules. The statistical information is made available to the public, without charge, through the medium of the Monthly Crop Report, the Monthly Dairy Report, seasonal Fruit and Vegetable Crop Report and the Annual Statistics Report which shows by county division the acreage, production and value of field crops; the number and value of livestock on farms; a record of the number and amount of chattel mortgages outstanding; detailed weather information; and a valuable summary of field crop and livestock statistics for the province since 1882.

The annual reports of the various branches of the Department of Agriculture, and agricultural bulletins printed for distribution during the year are as follows:

<i>Annual Reports</i>	<i>No. of Copies</i>
The Report of the Minister of Agriculture.....	1,650
Agricultural Societies.....	4,000
Entomological Societies.....	1,500
Horticultural Societies.....	3,000
Ontario Agricultural College and Experimental Farm.....	2,000
Ontario Fruit and Vegetable Growers' Association.....	5,300
Ontario Veterinary College.....	1,000
Stallion Enrolment Board.....	2,800
Statistics Branch.....	3,000

*Bulletins—**Serial**No.*

327 Knots and Splices.....	10,000
394 Diseases of Poultry.....	25,000
395 Farm Poultry.....	25,000
399 Plumbing and Sewage Disposal.....	5,000
427 Bidk Rakes.....	35,000
428 Poultry Equipment for the Busy Farmer.....	35,000
429 Bee Diseases and Pests of the Apiary.....	10,000
430 Fruit Varieties.....	10,000
431 Destructive Pest Animals.....	10,000
432 Home Vegetable Gardens.....	10,000
433 Establishing the Young Orchard.....	10,000
434 Domestic Rabbits.....	10,000
435 Control of Rabbits.....	10,000
436 Mouse Control in Orchards.....	10,000

Extension Circulars—

19 Belts and Belt Lacing.....	4,000
22 Whitewash for the Farm.....	6,000
24 Trouble Shooting in the Binder Knotter.....	5,000
61 Home Gardens in Wartime.....	15,000
64 Good Seed Mixture.....	20,000
65 Notes on Concrete.....	15,000

AGRICULTURAL AND HORTICULTURAL SOCIETIES BRANCH

AGRICULTURAL SOCIETIES

Fall Fairs

In spite of unfavourable farm conditions in several sections, 1943 proved to be one of the best fall fair years in the long history of Agricultural Societies. Following two years of increased attendance for the majority, 70% had gate receipts larger than in the previous year. Many all-time records were broken.

Weather was the most favourable in many years as only ten societies applied for special wet weather grants.

Rationing, poor crops, and other factors, tended to decrease hall exhibits but many societies experienced their largest and best livestock shows and over 50% reported an increase in exhibitors. Breeders being deprived of opportunities to show at large exhibitions, turned to township and county fairs, thus contributing to the best displays of livestock ever seen at many of them. A total of 225 fall fairs were held, compared with 240 in 1942.

Winning the War

A patriotic atmosphere permeated practically every fair building and grounds. Facilities were offered to patriotic organizations to make displays and bring their activities prominently to the attention of citizens. Prize lists were revised and programmes modified.

Facilities at fairs were made available to the Consumer Branch, War-time Prices and Trade Board and exhibits were arranged at 45 fairs. A long list would be required to report contributions of societies to patriotic funds and investments in victory bonds.

Bacon has constituted a main contribution of Canada to the Motherland throughout the war period. In 1943, Hogs for Britain classes were featured at many fairs. The T. Eaton Co., Ltd., offered specials of \$30 each to 55 societies.

Caledonia Society, with the co-operation of the Federal Department of Agriculture, and the Packing Industry, organized an Export Food Show, featuring bacon hogs, carcasses and eggs. In the live hog division there were 58 entries with 45 of the best carcasses displayed on the rail. Maxville (Glengarry) staged a most complete bacon exhibit, including breeding stock, market hogs and Wiltshire sides. This reflected the success of a community bacon improvement plan, commenced in 1939.

To assist farmers in one of their more severe problems, the labour shortage, several societies had demonstrations of labour saving devices and methods, such as buck rakes and corn sheaf loaders.

To encourage particularly urban dwellers, victory garden competitions were promoted by a number of societies.

Encouragement of Juniors

The withdrawal of grants and other assistance to school fairs by the Department in 1940, increased the opportunities of Agricultural Societies to pupils of primary schools. The majority have responded and in 1943 had educational non-competitive displays in addition to prize classes. Boys' and Girls' Clubs for teen-aged youth were organized by 111 societies. Central Canada, Canadian Lakehead and Leamington again organized junior camps, and provided extensive prize lists and programmes for club members. Girls' Garden Brigades were sponsored by 37 societies.

Special Breed Shows

By the co-operation of Breed Associations, and assisted by grants from the Ontario Live Stock Branch, special County and District Breed Shows were held as follows:

Holstein Friesian.....	38
Holstein Friesian District Championships.....	4
Ayrshire District Shows.....	9
Shorthorn District Shows.....	3
Ontario Swine Breeders' District Shows.....	5

Departmental judges were supplied for all fairs in Northern Ontario.

Other Projects

Field crop competitions were reduced in 1943 owing to the cancellation of special grants, and unfavourable crop conditions. A total of 62 competitions were completed, wholly financed by societies.

Grants were paid on four spring stock shows, and for the maintenance of pure-bred sires to eleven societies.

Reforestation was promoted by several societies, and many, particularly those not holding fairs, co-operated in the organization of meetings on a wide variety of subjects.

Association Activities

The annual convention, in February, 1944, was the largest and the most enthusiastic ever held. Over 700 attended the annual dinner. At least one meeting was held in each district, except in parts of Northern Ontario. Two meetings were held in several. Diplomas for meritorious service were completed and provided without cost by the association to 62 societies.

The board has had an active year, on such problems as the restriction of electric power, rationing of food items as affecting meals at fairs, and the transportation of exhibits, particularly livestock by trucks.

HORTICULTURAL SOCIETIES

While the early season was unfavourable and the demands of war on Society personnel were severe, 55% of Societies reported an increase in membership. The following Societies had an increase of 50% or more:—Tavistock, 100%; Huntsville, 95%; Guelph, 80%; New Toronto, 75%; Port Elgin, 50%; Galt, 50%.

While the number of Societies receiving grants decreased from 193, in 1942, to 173, in 1943, four new ones were organized—Vespra Township; Sunnyside (Waterloo County); Stamford Centre and Cobalt.

PATRIOTIC ENTERPRISES

Victory gardens were promoted by war over 50% of Societies. Helpful co-operation was extended to those new to gardening, in Wartime Housing areas. Some 18 patriotic organizations received donations from Societies. War stamps were used as prizes by 52 Societies. A number having surplus funds to be held for public beautification when labour and other conditions are more favourable, invested such in victory bonds.

PUBLIC BEAUTIFICATION

While labour shortages and other war restrictions were not favourable for new projects, 75% of Societies reported some activity, such as the planting of roadside and street trees; the planting and maintenance of flower beds in parks around public buildings; the improvement of vacant lots and ugly spots and the establishment of tree nurseries.

OTHER ACTIVITIES

The majority of Societies had a juvenile programme of some kind, such as garden competitions, shows for boys and girls and bird house and essay competitions. Field days were organized by six Societies. Annual dinners and other social functions were held by several.

ASSOCIATION ACTIVITIES

Association awards for horticultural endeavour for the year 1943 were as follows:—

J. E. Carter, Guelph—Silver Medal and Diploma
C. W. Buchanan, Napanee—Diploma of Merit
Joseph C. Rush, London—Diploma of Merit

Diplomas of Merit were awarded to nine schools winning —County School Ground Beautification Competitions.

Patriotic Seed Funds—During the year the Association forwarded \$665.61 to the Royal Horticultural Society of Great Britain to assist in the purchase of vegetable and flower seeds for Prisoners of War in far flung camps. Extracts from letters of prisoners give ample proof these seeds make a gardening hobby possible and provide a much needed variety of fresh vegetables. The following are typical:

Ilag VIII Z—“You will be pleased to hear that the seeds you sent to us while at Walzburg, are giving good results here and putting some colour into our drab lives.”

Stalag XX B—“Excellent use is made of the seeds sent to us. At the moment the P.O.W. Hospital here can boast of a rather beautiful flower garden, in addition to growing many different kinds of vegetables.”

W. G. Edmonds, Gillingham — ‘I have this last week received news from my son, Pte. L. G. Edmonds, prisoner of war No. 15865, Stalag VIII B, Germany, that he and five other prisoners have a ten rod plot and just started to pull radish and lettuce. They are also expecting to be able to have their own grown tomatoes and cabbages.”

A donation of \$115.75 was forwarded to the Canadian Aid to Russia Committee and earmarked for vegetable seeds.

Maple Trees for Canadian Graves—With the co-operation of the Ontario Department of Lands and Forests a shipment of seedling Maple trees was forwarded for planting in cemeteries containing the graves of those in the Canadian forces paying the supreme sacrifice. This was arranged through the Imperial War Graves Commission.

Rural School Improvement

Competitions, sponsored by the Association, were conducted in 10 school inspectorates, the winner in each of these qualified for entry in the Provincial contest, the trophy winners of which were:

S.S. No. 9 Hope (Durham County)—J E. Carter trophy.

S.S. No. 3 Harvey (Peterborough County)—Hon. P. M. Dewan trophy.

S.S. No. 5 Percy (Northumberland County)—T. Eaton Co. Ltd., prize.

S.S. No. 8 Bertie (Welland County)—T. Eaton Co. Lt., prize.

These competitions are having an effective influence on improvement of school grounds throughout the Province, the programme of which is being directed by an Inter-Departmental Committee, representing the Departments of Education, Lands and Forests and Agriculture. On the suggestion of this committee, the landscaping and general improvement of grounds are part of the regular instruction now at all Normal Schools. Each of these has selected at least one rural school for demonstration purposes. Public school inspectors have reported recent graduates of Normals, having had the benefit of this training, are much more interested in the improvement of school properties.

Other Association Activities

Successful district meetings were held in the majority of districts, but owing to travel restrictions these were cancelled in a few cases. The annual convention in February was well attended.

The Association provided on loan, sets of lantern slides for 27 meetings; record book supplies to 21 Societies; and victory garden and other press cuts to 10 Societies. Service diplomas were donated and engraved by the Association for 46 Societies. A Horticultural Society News Column was provided for each issue of Canadian Horticulture and Home Magazine.

Meeting and Field Service

A Lecturer, from this Branch, was provided for 55 meetings of Horticultural Societies. In addition, 47 addresses were delivered on horticulture at Service Clubs and similar meetings, and 39 talks to pupils in Normal, Collegiate and High schools and to 243 rural school groups. Some 60 days were devoted to co-operation with public school inspectors and others in school ground improvement.

ONTARIO PLOWMEN'S ASSOCIATION

Owing to restrictions of war, a large plowing match was not held in 1943. The chief activities of the Association were therefore in giving encouragement to Branches and the holding of the annual convention. The latter was well attended and interest keen, particularly on Conservation, the key address being given by Dr. H. H. Bennett, Chief, Soil Conservation Service, Dept. of Agriculture, Washington, D.C.

Branch Activities

A total of 56 Branches received grants on Senior matches. A new branch was formed at Hanmer in Sudbury District. Two local matches were held on which grants were not paid, Saltfleet (Wentworth County) and Upsala (Thunder Bay).

While entries were down, due chiefly to young men having joined the services, matches on the average were successful.

Encouragement to Juniors

Home plowing competitions were increased to 8 as compared with 6 the previous year, and 5 junior matches were held. In addition to this, junior classes were included in the prize lists of most senior matches.

Departmental judges were provided for practically all matches and competitions.

Educational Demonstrations

Dynamometer tests introduced at matches in 1941 to test the draft of different plows with varying adjustments, proved popular and similar demonstrations were arranged with 13 branches at 1943 matches.

Displays and Demonstrations

Displays and demonstrations of labour saving equipment were staged at several matches. The items displayed and demonstrated at the Oxford County Match are listed:—

Pick-up hay baler.

Different makes of corn sheaf loaders (2 homemade).

Homemade tractor hitch for 2-team cultivator.
Separator grain elevators (2).
Homemade corn husker.
Self-feeder for hogs—oil drum and binder wheel.
Homemade electric lawn mower.
Dynamometer.
Corn harvester.
Single-row tractor cultivator.
Double-row tractor cultivator.
Two grain blowers, one 2-fan, other 4-fan.
Two corn pickers.
Complete outfit for handling loose grain from combine.
Buck rake.

The first contour plowing demonstration staged in Ontario was organized by the Wilmot Branch, and inspected by visitors at the match.

FARM IMPLEMENT COMMITTEE

The Departmental Committee appointed in 1942 continued to function in meeting the problems arising from wartime restrictions placed on the sale of new machinery. The programme included a short course for farm mechanic instructors at the Ontario Agricultural College, Guelph; implement repair schools at country points; displays of labour saving equipment at farmers' meetings; the encouragement of County committees to give direction to the maximum use of implements available; publicity on the repair of machines and efficient use of same; a survey on the custom and co-operative use of farm machines. The latter revealed that some 30% of farmers in organized Counties had some work done by custom; several Counties reported over 50% and one County as high as 55%. The survey revealed the wartime shortage of labour and new machines had encouraged and in many cases forced the co-operative use of available machines and manpower. For one County, it was reported that 75% of major field crop work was done on an exchange of work basis.

AGRICULTURAL POST-WAR PLANNING

In March, 1943, a Committee on Post-War Planning was appointed, and most of the executive and secretarial work, pertaining thereto, has been done through this Branch.

The first meeting was held on April 20th, when the general scope of the Committee was discussed and considerable time devoted to the Veterans' Land Act, and its application to soldiers' settlement in Ontario. It was agreed to assemble as much information as possible on what was being done elsewhere on agricultural reconstruction, and to assemble a file of reference on the main subjects to be considered by the Committee. Much interesting and informative material was collected accordingly.

At the second meeting on June 25th, Sub-Committees were appointed on the following subjects:—Farm Credit and Rural Tax Adjustment; Rural Housing; Barn Survey; Farm Organization; Efficient Land Utilization and Conservation of Soil; Land Settlement; Stimulation of Rural Employment in Transition Period.

The Sub-Committees suggested studies and surveys, which were later approved by the main Committee. Subsequently preliminary and sample surveys were made and interim reports prepared on Land Settlement, Rural Housing, Barns, and Fences, Soil Conservation and Farm Drainage.

LIVE STOCK BRANCH

INTRODUCTION

Late in 1942 a Federal-Provincial Conference was held in Ottawa for the purpose of outlining production goals for 1942. The objectives presented at that meeting indicated the necessity for increased production of most farm products and particularly of meat, milk and eggs. Each Provincial Department agreed to assume responsibility for a share of the increase and immediately proceeded to implement its plan of action. The response from all sections of the Dominion was magnificent resulting in a record production of live stock and live stock products in 1943, thus enabling this country to fill all its commitments to Great Britain without seriously restricting domestic supplies. The crop planting season was very unfavourable, seeding operations being delayed on account of cold wet weather. Some land remained idle and much that was sowed yielded light crops because of late seeding. It was indeed fortunate that Canada had large reserve stocks of grain on hand, otherwise heavy liquidation of breeding stock might have resulted.

HORSES

Horses constitute one of our war casualties. Interest in horse breeding has waned in recent years. Fewer colts are being raised and it will not be long before Canada is populated with old worn-out horses. Increased production goals have been accomplished by horsepower provided through the medium of gasoline propelled machines. A year ago it appeared that the gas and rubber shortage might create a demand for delivery horses in towns and cities. There was a slight flurry in the market for this type of horse in 1942 but no appreciable increase in demand in 1943. Now that the crisis appears to be past it is unlikely that the horse will again become popular on the streets of Canadian cities and if farmers continue to replace this class of live stock with motor driven power the horse is destined to occupy a less important role in the agriculture of the future.

STALLION ENROLMENT

The trend towards fewer stallions in the province began in 1940 and has continued ever since. In 1943, 1,196 horses were enrolled, a decline of 505 from 1939, the peak year of the past decade. Some of this decline can be attributed to the fact that Form 4 horses are no longer eligible for enrolment. Nevertheless there has been a reduction in the other grades as well. In 1943 the total enrolment consisted of 189 Form 1 horses, 205 in Form 2, 799 in Form 3 and 3 being granted interim certificates. Form 1 and 2 horses were eligible for maximum premiums of \$75 and \$50 each respectively. 98 Form 1 horses qualified for A premiums totalling \$4,695.00 while an equal number of Form 2 horses qualified for B premiums amounting to \$3,130.00. The owners of those stallions received premiums from the Dominion Department of Agriculture in amounts equal to 75% of the contribution made by the Province of Ontario.

HORSE SHOWS

Spring Horse Shows continued to be popular in 1943 and undoubtedly served a useful purpose in maintaining and stimulating interest in the breeding of better horses. Such shows also provided a splendid medium for bringing buyers and sellers together. The Ontario Live Stock Branch assisted local horse show associations in financing their shows by making grants on the basis of 50% of the money paid out, up to a maximum of \$200.00 for any one show. In cases where all the local associations in a county united to form a county association the maximum grant was \$500.00 provided an equal amount was obtained from the county in which the association was organized. Summary of grants paid in 1943 follows:

Clinton Spring Horse Show.....	\$ 156.50
Elora Spring Horse Show.....	70.00
Linwood Spring Horse Show.....	116.50
Toronto Horse Show.....	200.00
Middlesex Heavy Horse Show.....	89.10
Perth County Horse Breeders' Association.....	500.00
	\$1,131.10

CATTLE

During past years the United States has been Canada's best market for surplus beef cattle, and large numbers were exported to that country annually. But when domestic meat supplies became limited in the summer of 1942 on account of heavy overseas demands action was taken to prevent the export of meat animals to the United States, a policy which continued throughout 1943. As a result of this embargo inspected slaughterings increased from 968,731 in 1942 to 1,020,201 head in 1943. Short pork supplies concentrated the demand on beef, and the Canadian people, possessing more purchasing power, readily absorbed the larger quantities offered. In fact meat rationing was introduced in order to distribute supplies on an equitable basis. The wholesale ceiling price was increased to 21 cents per pound for top grade beef at Toronto during the early part of the year. This action was reflected in higher cattle prices, which have now registered a higher percentage increase since the outbreak of war than most other farm products. Canada continued to enjoy a brisk market in the United States for dairy cows with Ontario obtaining a large share of that market. In 1943 exports of dairy cattle totalled 40,267 as compared with 24,619 in 1942. Of the total exported in 1943 Ontario provided approximately one-half, the number being 19,094.

RESTRICTED AREAS

Practically all counties in Old Ontario have now petitioned for tuberculosis testing under the restricted area plan. The Dominion authorities are experiencing difficulty in maintaining an adequate staff of testers under war conditions. Despite this handicap a number of counties were retested and initial testing operations started in a few others. The following summary reveals the results of initial testing completed as of March 31st, 1944.

Initial Testing 1943-44

<i>County or District</i>	<i>No. Herds</i>	<i>No. Cattle</i>	<i>No. Reactors</i>	<i>% Reactors</i>
Algoma	54	1018	.....	0.0
Cochrane	1109	9704	124	1.3
Dufferin	2280	47180	1589	3.4
Essex	5096	31147	2053	6.6
Grey	7731	136967	4039	2.9
Lanark	2837	52749	867	1.6
Simcoe	7293	102999	2596	2.5
Wellington	4665	92390	4513	4.9

Retesting operations were conducted as follows during the year:

Retests

<i>County</i>	<i>Test</i>	<i>No. Herds</i>	<i>No. Cattle</i>	<i>No. Reactors</i>	<i>% Reactors</i>
Brant	2nd General	2068	24241	202	0.83
Durham	2nd General	1949	35772	156	0.43
Dundas	5th General	1903	36722	55	0.15
Frontenac	4th General	541	11226	29	0.25
Glenarry	5th General	2084	38873	23	0.06
Greenville	4th General	1481	23584	42	0.19
Leeds	4th General	1432	28506	23	0.08
Norfolk	2nd General	2909	21177	257	1.21
Prescott	4th General	2294	37647	15	0.04
Prince Edward	5th General	1779	21474	21	0.09
Rainy River	2nd General	614	6398	1	0.00
St. Joseph's Island	2nd General	232	1749	.....	0.00
Stormont	5th General	1921	34459	82	0.24
Thunder Bay	3rd General	1585	11305	7	0.06
Waterloo	2nd General	2664	45494	248	0.54
Wentworth	2nd General	1948	21861	79	0.36

As intimated previously testing is done by officers of the Dominion Department of Agriculture. The Ontario Department of Agriculture reimburses men engaged in this work for transportation expenses incurred. The total amount paid by the province during the fiscal year amounted to \$22,830.22.

AUCTION SALES OF PURE BRED CATTLE

Consignment sales have proven an excellent medium in the distribution of high class live stock. Members of the staff of the Ontario Live Stock Branch assisted breeders' clubs in the selection of animals suitable for consignment to such sales thereby maintaining the quality of the offering on a high standard. The Branch also rendered financial assistance through the payment of grants based on \$4.00 per animal sold, up to a maximum of \$150.00 for any one sale, provided all animals offered were free from T.B. and contagious abortion. When shows were held in conjunction with sales an additional grant of \$25.00 was made. Following is a summary of such assistance granted during the fiscal year.

<i>Organization</i>	<i>No. Head Sold</i>	<i>Grant</i>	<i>Prize Money</i>
Ontario Hereford Breeders' Association.....	34	\$ 136.00	
National Holstein Sale Association.....	56	150.00	
All Eastern Ontario Holstein Association.....	57	150.00	
Grey County Shorthorn Breeders' Club.....	40	150.00	\$24.00
York County Jersey Club.....	47	150.00	
Ontario Aberdeen Angus Association.....	55	150.00	
Bruce County Shorthorn Breeders' Club.....	30	120.00	12.00
Western Ontario Consignment Sale Club.....	46	150.00	
Tri-County Shorthorn Club.....	39	150.00	
Prince Edward County Holstein Breeders' Club	57	150.00	24.50
Lambton, Middlesex, Oxford Shorthorn Clubs..	35	140.00	
Victoria County Shorthorn Association.....	21	84.00	
Durham County Shorthorn Association.....	40	150.00	
	<u>557</u>	<u>\$1,830.00</u>	<u>\$60.50</u>

CATTLE SHOWS

Shortly after the outbreak of war the fair grounds and buildings owned by the leading exhibitions in the province were taken over by the military authorities thus necessitating the cancellation of those shows for the duration. This action tended to cause a feeling of despair among livestock breeders, but not for long. Organizations soon began to display some initiative and a new type of show, namely the Special or Regional Show, was organized. Such shows had been held for a number of years but the program was never fully developed until the major shows ceased to operate. A record number of Special Shows was held in 1943. The Ontario Live Stock Branch contributed to all of them on the basis of 20% of the prize money paid out, up to a maximum of \$100.00 per show. Following is a summary of the shows held in 1943.

<i>County</i>	<i>No. Entries</i>	<i>Name of Club</i>	<i>Grant</i>
Middlesex	127	Ont. Aberdeen Angus Ass'n. (Strathroy).....	\$ 100.00
Durham	140	Durham County Black & White	86.80
Ontario	152	Ontario County Black & White	93.00
Stormont	68	Newington Red & White	46.80
Waterloo	80	Ontario Aberdeen Angus Ass'n. (Galt).....	70.00
Perth	151	Perth County Black & White	96.80
Peterboro	144	Lakefield Black & White	93.60
Grenville	56	Spencerville Black & White	39.00
Grenville	105	Lansdowne Black & White	77.00
Renfrew	83	Renfrew Black & White	56.60
Peel	137	Peel County Black & White	67.80
Peel	97	Lambton, Middlesex, Oxford Shorthorn Club	100.00
Victoria	119	Lindsay Shorthorn Club	100.00
Victoria	100	Perth, Huron Shorthorn Club	100.00
Waterloo	98	New Hamburg Red & White Show	49.00
Waterloo	66	Vankleek Hill Black & White Show	47.60
Waterloo	78	Dual Purpose Shorthorn Show	100.00
Grey	115	Owen Sound Shorthorn Show	100.00
Halton	81	Halton Jersey Cattle Show	34.30
Halton	108	Halton Holstein Cattle Show	54.65
Lennox & Addington	155	Lennox & Addington Black & White Show....	89.40
Lennox & Addington	75	Tri-County Shorthorn Show	100.00
Prescott	51	Vankleek Hill Red & White	48.00
York	126	Markham Red & White Show	74.40
Essex	16	Harrow Black & White Show	9.20
Huron	62	Seaforth Black & White Show	22.70
Wellington	120	Wellington County Black & White Show	82.40

Frontenac	81	Frontenac County Black & White Show.....	74.40
Prince Edward	91	Prince Edward County Black & White Show	55.60
Glengarry	88	Maxville Red & White Show	63.60
Elgin	125	Aylmer Red & White Show	100.00
Oxford	185	Ingersoll Championship Show	100.00
Northumberland	173	Northumberland Black & White Show	100.00
Grenville	185	Kemptville Championship Show	100.00
Dundas	102	Dundas Black & White Show	73.80
Lanark	100	Lanark County Black & White Show	67.20
Lambton	103	Lambton County Black & White Show	47.40
Oxford	132	North Norwich Black & White Show	74.10
Durham	138	Orono Championship Show	100.00
Glengarry	138	Maxville Black & White Show	99.20
Waterloo	144	Waterloo Black & White Show	79.60
Wellington	127	Erin Shorthorn Show	100.00
Kent	108	Ridgetown Shorthorn Show	100.00
Halton	204	Oakville Championship Show	100.00
Hastings	188	Stirling Black & White Show	100.00
Haldimand	56	Haldimand County Black & White Show	20.20
Simcoe	53	Simcoe County Black & White Show	21.20
Hastings	91	Central Ontario Ayrshire Breeders' Club..	75.80
York	126	Markham Black & White Show	73.20
Brant	208	Brant County Dairy Cattle Show	96.80
Stormont	148	Stormont County Black & White Show	100.00
Carleton	113	Carleton County Black & White Show	80.40
Lincoln	79	Beamsville Black & White Show	23.60
Lincoln	142	Hamilton, Niagara Red & White Show	72.60
Elgin	97	Elgin County Beef Cattle Show	51.60
Middlesex	221	Middlesex Dairy Show	100.00
Wentworth	94	Wentworth Dairy Show	55.20
Total		57 Shows	\$4,246.15

All-Canadian Holstein Selections were made from among the winners at the Holstein Championship Shows.

SWINE

Canadian hog marketings in 1943 were the highest on record, totalling 7,149,421 and exceeded the previous year by almost a million head. The greatest increase was registered in Western Canada which now accounts for well over 60% of the country's total thereby reversing conditions that prevailed previous to the war when Eastern Canada was the dominant section in hog production. Despite this record hog crop Canada had difficulty in filling her 1942-43 contract of 675 million pounds of bacon. In fact that feat was accomplished only after domestic consumption of pork was severely restricted. Marketings reached unprecedented levels during the last two months of the year averaging well over 200,000 hogs per week. When this peak was attained restrictions were removed from domestic slaughter. For a short period it appeared that marketings were beyond packing plant capacity. This was particularly true in Western Canada and resulted in a large number of hogs being shipped east for slaughtering. The quality of hogs registered a decline during the year when the percentage of A's in Canada dropped from 29.9 in 1942 to 27.9 in 1943. Ontario continued to be the leading producer of high quality hogs but even in this province the trend was in the wrong direction, the percentage of A's dropping from 37.3 in 1942 to 35.4 in 1943. Canada is now engaged in filling a contract which calls for the shipment of 900 million pounds of bacon to Britain during the years 1944 and 1945. The peak marketings reached in the late months of 1943 continued well into 1944, hence there is ample reason for believing that the minimum objective for the current year will be more than reached. The price of bacon under the new contract calls for an increase of 75 cents per

100 pounds which has been reflected in an increase of 50 cents per 100 pounds of dressed carcass. This price has been supplemented by premiums, payable by the Dominion Government, of three dollars on Grade A hogs and two dollars on Grade B1, effective on and after January 24, 1944.

ONTARIO HOG SUBSIDY POLICY

The Ontario Hog Subsidy Policy instituted in 1941 has continued up to the present time. It calls for the payment of a subsidy of one dollar on grade A hogs and 50 cents on B1 hogs, such payment to be made direct to the producers upon receipt of properly completed applications. Following is a summary of payments made under that policy during the fiscal year.

April 1/43 to March 31/44

Total Applications.....	179,269
Total Hogs Marketed.....	1,724,747
No. A's.....	679,568
No. B1's.....	843,488
Total amount of Subsidy.....	\$1,096,812.00

BACON HOG CLUBS

Eastern, South Western and Northern Ontario produce hogs of a lower quality than other sections of the province. Fewer purebred breeders are located in those areas, with the result that the type and quality of the commercial breeding stock is somewhat lower. In an effort to effect improvement in those areas the Ontario Live Stock Branch has been loaning boars to organized clubs having at least six members owning more than twenty sows. The cost of the boars and transportation to the nearest railway station is borne by the Branch. In addition to placing boars in the defined areas some have also been loaned to clubs organized in other sections of the province under special circumstances, for example, when all members of a club purchase pure-bred sows. During the year 48 boars were purchased at a cost of \$2,567.50 while transportation cost incurred in placing the boars amounted to \$355.71. Following is a complete summary of clubs in operation at March 31, 1944:

<i>County</i>	<i>Clubs Organized 1943-44</i>	<i>No. Clubs March 31, 1944</i>
Carleton	1	4
Cochrane West		1
Dundas	2	4
Durham		1
Elgin		1
Essex		5
Frontenac	1	10
Glengarry		7
Grenville	3	9
Grey		2
Hastings	2	23
Kent		16
Lambton		5

Lanark		5
Leeds		17
Lennox and Addington		8
Middlesex		1
Ontario	1	2
Oxford	1	2
Prescott	1	6
Rainy River	1	2
Renfrew	1	23
Russell		3
North Simcoe		2
South Simcoe	1	1
Stormont		9
Thunder Bay		3
	<u>15</u>	<u>172</u>
Eastern Ontario		128
South Western Ontario		27
Other Areas		17

SOW DISTRIBUTION

The Ontario Live Stock Branch co-operated with the Federal Department of Agriculture in selecting pure bred sows of Advanced Registry breeding on behalf of farmers in Eastern Ontario. When such sows were shipped in less than carload lots the cost of transportation was shared equally by the two departments. During the fiscal year 34 sows were selected and shipped to farmers in the counties of Stormont and Glengarry. The transportation costs paid by the Ontario Department of Agriculture were \$19.87.

ASSISTANCE TO SWINE SALES

Grants were made to pure bred Swine Breeders' Associations or Clubs holding auction sales on the basis of two dollars per head sold, up to a maximum of \$150.00 for any one show. The following organizations received assistance in 1943-44:

<i>Organization</i>	<i>No. Head</i>	<i>Grant</i>
Ontario Yorkshire Breeders' Society	70	\$140.00
Grey and Bruce County Yorkshire Breeders' Club.....	39	78.00
Eastern Ontario Yorkshire Breeders' Association.....	55	150.00
Stratford District A.R. Yorkshire Club	25	50.00
	<u>189</u>	<u>\$418.00</u>

SHEEP

1942 was a boom year for the sheep industry. As a result of production campaigns instituted in all provinces, the size of existing flocks was substantially increased and many new flocks were established. Canadians were ready and eager to increase wool production lest Japan separate this country from its major source of supply. 1943 was a year of reaction. Japan did not

succeed and wool imports rose to unprecedented levels thus making the previous year's efforts appear unnecessary. Moreover lamb prices were subject to violent fluctuations. During the summer months lamb was exempt from the ceiling, and prices soared, only to drop very sharply when that commodity became subject to regulation. This price decline caused a very unfavourable reaction among sheep raisers and particularly those who had established new flocks during the previous year. As a consequence there was some liquidation of breeding stock in 1943. Wool prices advanced by the amount of the subsidy shared equally between the province and the dominion.

WOOL SUBSIDY POLICY

The wool subsidy policy was sponsored by the Dominion Department for the purpose of encouraging the marketing of clean wool. In view of the fact that the announcement was not made until some of the wool had been marketed the regulations were given a broad interpretation and the subsidy was paid on the clean portion of all clips. The subsidy amounting to four cents per pound was paid by the province which in turn was reimbursed by the Dominion for one half the amount so paid. Following is a summary of payments made during 1943-44:

No. of applications.....	23,068
No. of pounds clean wool.....	2,734,827½
Total subsidy.....	\$109,393.10

ASSISTANCE TO SHEEP SALES

Grants were made to Breeders' Clubs sponsoring sheep sales on the basis of one dollar per lot sold, up to a maximum of \$100.00 per sale. Breeders' Clubs received assistance during the year as follows:

Ottawa Valley Sheep Breeders' Association.....	<i>Grant</i> \$57.37
Grey-Bruce Sheep Breeders' Club.....	86.00
	<u>\$143.37</u>

LAMB FAIRS

The Ontario Live Stock Branch and the Federal Department co-operated in promoting Lamb Fairs in certain parts of Northern Ontario for the purpose of encouraging marketing of lambs on a co-operative basis. The lambs brought out to most of the fairs were graded and sold according to quality. A total of nine fairs were held, five of them being on Manitoulin Island from which district 5,812 lambs were marketed. Each Department contributed prize money on the basis of up to \$30.00 per fair. Following is a summary of the Lamb Fairs held during the year.

<i>District</i>	<i>Location of Fair</i>	<i>No. Sold</i>	<i>Prize Money Paid by Each Dept.</i>
Thunder Bay	Canadian Lakehead	26	\$27.25
Temiskaming	Uno Park	679	30.00
Algoma	St. Joseph's Island	256	30.00
Kenora	Oxdrift	69	38.00
Manitoulin	Manitowaning	1358	30.00
Manitoulin	Little Current	1439	30.00
Manitoulin	Barrie Island	659	30.00
Manitoulin	Gore Bay	1175	30.00
Manitoulin	Mindemoya	1181	30.00
		<u>6842</u>	<u>\$265.25</u>

BOYS' AND GIRLS' CLUBS

Boys' Clubs occupy a prominent place in Ontario agriculture. Under the terms of the policy prize money is shared equally by the Ontario Live Stock Branch, the Dominion Department of Agriculture and the sponsoring organization. Following is a summary of contributions made by the Branch to live stock projects held in 1943:

<i>Type of Club</i>	<i>No. Clubs</i>	<i>Total Contribution</i>
Calf	80	\$1,354.50
Foal	7	78.00
Swine	27	412.50
Sheep	4	32.00
Poultry	5	63.00
	<u>123</u>	<u>\$1,940.00</u>

The Branch also contributed to the Inter-Club Competitions held at Guelph and Kemptville as follows.

<i>Kind</i>	<i>Amount</i>
Dairy Cattle O.A.C.....\$	26.75
Dairy Cattle K.A.S.....	18.25
Beef Cattle O.A.C.....	31.50
Swine O.A.C.....	34.50
Swine K.A.S.....	7.50
Foals O.A.C.....	20.00
Poultry O.A.C.....	8.00
Poultry K.A.S.....	12.00
	<u>\$158.50</u>

POULTRY

The Ontario Live Stock Branch made grants to local poultry associations for the purpose of assisting them in holding Fairs and also paid the salaries and expenses of judges and lecturers at Fairs and meetings of poultry associations. Following is a summary of the activities and contributions in which this Branch participated:

No. of Associations holding shows during the year.....	11
No. of Judges and Lecturers supplied.....	11
Total amount of grants paid to Local Associations.....	\$450.00
Total expenditure, Judges, Lecturers, etc.....	117.67

LIVE STOCK PROTECTION ACT

The Live Stock Protection Act contains a clause whereby parties dissatisfied with awards made by local valuers have the right to appeal to the Minister of Agriculture. In 1943-44, seven appeals were received from sheep owners. Special valuers were appointed by the Minister to deal with those cases.

BRANDING OF LIVE STOCK ACT

Under the terms of this act the Director of the Live Stock Branch is designated as Recorder of Brands to the Province. During recent years

poultrymen have constituted the largest group applying for brands. Forty-seven new brands were allotted and 94 were renewed in the past fiscal year thereby bringing the total number recorded up to 2,910.

LIVE STOCK SHIPMENTS TO WESTERN CANADA

The Branch provides a service to live stock breeders by organizing shipments sold to buyers in Western Canada. Breeders are charged a nominal rate for this service. The animals are brought together and shipped in carload lots under the care of a man employed for that purpose. During the year two shipments were made consisting of 27 Shorthorns, 2 Herefords and 1 Holstein.

LIVE STOCK ASSOCIATIONS

The office of Secretary of a number of Ontario Live Stock Associations is held by members of the Ontario Live Stock Branch. These include the following associations:

Ontario Horse Breeders' Association, Ontario Cattle Breeders' Association, Ontario Sheep Breeders' Association, Ontario Swine Breeders' Association, Ontario Yorkshire Breeders' Society, Ontario Berkshire Breeders' Society, Ontario Tamworth Breeders' Society, Ontario Aberdeen Angus Breeders' Association, Ontario Poultry Association and Ontario Poultry Confederation.

The executive work in connection with these organizations is carried on by the Secretary. In addition to holding annual meetings some of these organizations hold special events. Some of the events held during 1943 were:

- (1) Yorkshire Field Day held during the month of June at Canada Packers Plant, West Toronto.
- (2) Yorkshire Sale held at Galt in October. From the proceeds of the sale a contribution of \$75.00 was made to the Aid to Russia Fund.
- (3) Aberdeen Angus Sale held at Watford during the month of October.

WOMEN'S INSTITUTE BRANCH

GENERAL

Membership

Number of Senior Women's Institutes in Ontario, March 31, 1944.....	1,220
Number of Junior Women's Institutes in Ontario, March 31, 1944.....	37
Total number of Women's Institutes in Ontario, March 31, 1944.....	1,257
Membership, March 31, 1944 (approximate).....	34,000
Institutes organized during the year.....	4
Institutes disbanded during the year.....	32

Of the Institutes disbanded, nine were Junior and 23 were Senior Institutes.

District Annual Meetings and Conventions

Annual meetings were held in 98 districts in May and June, 1943 with representatives from 1,127 Institutes and a total attendance of 7,715. At the meeting at Cochrane, June 9, the district was divided into two, Cochrane North with nine Institute and Cochrane South with seven Institutes.

Thirteen area conventions were held in the fall of 1943 with an attendance of 2,750.

The Women's Institute Branch was represented at all conventions and district annual meetings.

Correspondence

Circular letters approximated 35,000; personal letters approximated 25,000.

Loan Library

To assist members in the preparation of programmes, 4,441 folders were loaned to 867 Institutes. A personal letter accompanied each. This is an increase of 92 requests for service over 1942-43.

The following classification of articles loaned indicates the interests of the Institutes in varying phases of study: Home Economics, 1,084; Citizenship, 810; Social Welfare, 487; Agriculture and Canadian Industries, 440; Music, Art, Literature, 313; Women's Institutes, 279; Health, 201; Historical Research, 135; Education, 83; Unclassified, 609.

Legislative Grants

To districts—\$3,607.50; to Institutes, \$1,674.00; Total, \$5,281.50.

Literature Printed

Home and Country—four issues—38,000 copies each.

Co-operative Programme in Home Economics for 1944-45—7,000 copies.

Recipes and Instructions for Jam for Britain, 1944—1,600 copies.

Overseas Correspondence

New letter friends were established between Ontario Women's Institutes and Institutes abroad as follows: Australia 2, England 12.

FEDERATED WOMEN'S INSTITUTES OF ONTARIO

The Provincial Board held two meetings, November, 1943, and April, 1944. Mrs. Clarence Holmes, Belleville, R.R. 3, was re-elected President and Mrs. W. B. Leatherdale, Coldwater, was re-appointed Secretary-Treasurer.

The Treasurer's annual statement showed receipts of \$5,531.09, expenditures of \$4,050.36 and a balance of \$1,480.73.

The Women's Institutes approved an increase in federation fee from ten to fifteen cents per member.

Affiliations

Affiliation has been continued with the Federated Women's Institutes of Canada and the Associated Countrywomen of the World and the Federation of Agriculture. The President, Mrs. Clarence Holmes, represents the Federated Women's Institutes of Ontario on the Ontario Agricultural Commission of Inquiry.

In June, 1943, the Federated Women's Institutes of Ontario and the Women's Institute Branch acted as hostesses to the biennial meeting of the Federated Women's Institutes of Canada in Toronto.

Standing Committees

Effective work continues under the standing committees: Agriculture and Canadian Industries, Citizenship, Historical Research, Home Economics, Social Welfare and Publicity.

Putnam Memorial Fund

Through this fund \$12.86 was used for transportation of good for the relief of fire sufferers in Northern Ontario and for provision of a layette.

SPECIAL WARTIME ACTIVITIES, F.W.I.O.

Central War Charities Fund F.W.I.O.

This fund continued to receive excellent support.

Balance on hand, January 1, 1943.....	\$ 8,619.76
Total receipts January 1, 1943 to December 31, 1943.....	8,952.33
Total expenditures January 1, 1943 to December 31, 1943.....	15,283.35

Outstanding Contributions in 1943

Two Mobile Kitchens—Department of National Defence.....	\$ 6,262.90
Vegetable Seeds for Women's Institutes of England.....	2,773.48
Red Cross—Prisoners of War Fund	1,385.72
Navy League of Canada.....	507.00
British Minesweepers' Auxiliary.....	340.00
Aid to Russia.....	1,341.18
Chinese War Relief.....	736.25
Greek War Relief.....	182.50
Mrs. Winston Churchill's Fund for British Women's Services.....	250.00
British War Victims' Funds.....	432.40
British Children's War Service Fund.....	214.26

Jam for Britain 1943

The Federated Women's Institutes of Ontario and the Ontario Division, Canadian Red Cross Society together sent 109 tons of jam, jelly and honey to England for the use of civilian bombing victims, especially children, and for Canadian military hospitals. Contributions totalling \$3,086.83 were sent to the Women's Institute Sugar Fund administered by the Women's Institute Branch.

Local War Work

Reports show that more than 80 per cent of the Institutes co-operate with local Red Cross Branches.

Over the period of one year the following accomplishments have been reported:

Money raised.....	\$176,935.58
Gifts to local enlisted men and women.....	50,227.44
Contributions to various war charities.....	56,478.98
War Savings Bonds and Certificates purchased.....	10,960.00
Knitting—number of articles.....	73,851
Sewing—number of articles.....	134,238

Blood donor clinics, salvage campaigns and other national war work have been patriotically supported.

THE WOMEN'S INSTITUTE BRANCH

Staff—The staff consisted of a superintendent, six field assistants in home economics for the Senior Women's Institute programme, two field assistants in home economics who assist part-time with the Senior Women's Institute programme and part-time as county home economics coaches, one supervisor of junior homemaking extension work, six county home economics coaches, one loan librarian, two nurses for part-time work and three secretaries and clerks.

Staff Conferences

Two conferences were held,—a general conference, December 15 to 17 for all staff members and in February one, for senior staff only, to plan the co-operative programme.

CO-OPERATIVE PROGRAMME IN HOME ECONOMICS

Through the Co-operative Programme in Home Economics, the Women's Institute Branch continued to work with rural women for the development of individual, family and community life. The special problems facing homemakers in wartime were emphasized. Services in clothing, nutrition, home crafts, health education, home management and citizenship were continued and a new service in household accounting was added.

To meet the difficulties of transportation, time and energy which face busy women in wartime staff members visited a larger number of centres in each district where services were held and shorter classes were planned.

District services included one day conferences, to be followed by local study, in Care of Clothing, Wise Buying of Clothing and Today's Food Problems; one-day lecture-demonstrations in Health Education; one half-day lectures and discussions in The Family Co-operates For Good Nutrition, Household Accounting and Citizenship in the Rural Community.

To local Institutes short courses were offered as follows: Modern Dressmaking and Remodelling Clothing—five days each; Food Conservation and Food for Wartime—three half-days each; Emergency Knitting and Quilting—two days each; Leather Glove Making—three days; Furnishing the Living Room—two half-days; the Time-Saving Kitchen—three half-days; Health Education—five days.

To assist Institute members in Administrative Leadership one-day rallies for officers and members were held.

DISTRICT PROGRAMME

<i>Topic</i>	<i>Districts Served</i>	<i>Meetings Held</i>	<i>Institutes Represented</i>	<i>Enrolment</i>
Care of Clothing.....	11	57	79	1080
Wise Buying of Clothing.....	1	7	15	115
Today's Food Problems.....	10	56	94	1112
Family Co-operates for Good Nutrition	20	82	69	3399
Household Accounting.....	5	25	35	428
Health Education.....	30	146	293	3060
Citizenship in the Rural Community.....	5	25	57	714
Administrative Leadership.....	16	38	151	1086

INSTITUTE PROGRAMME

Short Courses

<i>Topic</i>	<i>Number of Courses</i>	<i>Enrolment</i>	<i>Average Attendance</i>
Modern Dressmaking.....	13	210	
Remodelling Clothing.....	25	304	12
Food Conservation.....	7	181	
Food for Wartime.....	14	502	33
Emergency Knitting.....	2	48	24
Leather Glove Making.....	4	31	8
Quilts and Quilting.....	7	104	15
The Time-Saving Kitchen.....	5	87	15
Furnishing the Living Room.....	6	114	16
Health Education.....	1	87	85

Radio Broadcasts

Limited use was made of facilities offered by radio. Two broadcasts on food conservation and nutrition were given and broadcasts from the Ottawa and Toronto conventions were arranged.

Housing Survey

In November, 1943, the Women's Institute Branch assisted in a survey of farm homes in Southern Ontario by providing the services of seven staff members to act as enumerators. One thousand homes were visited.

JUNIOR EXTENSION PROGRAMME IN HOME ECONOMICS

The Junior Homemaking Club programme for girls and young women, ages 14 to 26, is planned to give training in home economics, to develop leaders and to promote intelligent rural citizenship. This programme is carried on through local leader training schools, conducted by the county home economics coach, which are followed by club meetings and achievement days.

Homemaking Clubs

<i>Units</i>	<i>Training Schools for Leaders</i>	<i>No. of Clubs</i>	<i>No. of Members</i>	<i>No. of Achievement Days</i>	<i>Records of Achievement</i>
Food and Nutrition Clubs.....	43	151	763	.....	576
Clothing Clubs.....	35	150	909	.....	648
House Furnishing Clubs.....	6	16	119	.....	104
Hospitality Club.....	1	5	14	.....	14
Home Defence Club.....	6	18	83	.....	65
Total	91	340	1888	53	1407

Fifty-two members participated in a Junior Homemaking Club programme at the Belleville Fair, 40 at Stratford Fair and 76 at a special Junior Day at Renfrew.

Provincial honour pins and certificates were awarded in 1943 to 27 club members who had completed 12 Homemaking Club units.

Girls' Garden Brigades

In 1943 there was a marked increase in membership in the girls' garden brigades. Brigades increased from 200 in 1942 to 268 in 1943 and membership from 1,500 to 2,159 in 1943. Brigades were organized in 46 counties and districts under the supervision of the county home economics coaches and agricultural representatives. Records show that 94% of the gardens were in production, with 61% of the gardeners completing every phase of the programme.

Farm Service Force

Approximately 825 farm girls, working on their home farms, were enrolled with the Farm Girls' Brigade of the Farm Service Force and received Certificates of Merit.

British War Garments

Homemaking Clubs, Junior Institutes and county organizations contributed \$1,756.96 for material for garments for British children.

CO-OPERATION WITH OTHER ORGANIZATIONS

The Women's Institute Branch wishes to acknowledge the assistance given so generously by other Branches of the Department, especially the Agricultural Representatives Branch, the Ontario Agricultural College and the Agricultural and Horticultural Branch.

Women's Institute Branch staff members have contributed to the programmes of the Women's Division of the Agricultural Societies and to the Simcoe County Federation of Agriculture and Community Life Training Institute. They have co-operated with such wartime organizations as the Canadian Red Cross Society, the Navy League, the Consumer Branch of the Wartime Prices and Trade Board, the National War Finance Committee and the Wartime Salvage Committee. Continued support has been given to the work of such groups as the Canadian Society for the Control of Cancer and the Canadian Society for the Prevention of Tuberculosis.

OUTLOOK

The objective of the Women's Institute Branch of the Department and of the Women's Institutes of Ontario is to work together for the promotion of better rural living. With this in mind the programme for 1944-45 will have a two-fold purpose (1) to assist rural women and girls to meet the changing demands of every-day living which confront homemakers and girls in wartime, and (2) to begin to plan for post-war rural reconstruction.

FRUIT BRANCH

After forty-one years of service with the Ontario Department of Agriculture, of which for 36 years he acted as Director of the Fruit Branch, Mr. P. W. Hodgetts was superannuated and George Wilson appointed his successor. The May, 1943, issue of Canadian Horticulture and Home Magazine paid this tribute to Mr. Hodgetts at the time of his retirement: "No man has been longer in the service nor has done more to advance the interests of the fruit industry in the province".

During the year under review this Branch has had the administration of The Farm Products Grades and Sales Act, The Plant Diseases Act and some supervision of loans made under the provisions of The Co-operative Marketing Loan Act. General supervision has also been exercised respecting the operation of the government owned cold storage plants at Brighton and Thedford. Extension work among the fruit growers of the province has been undertaken by Messrs. J. A. Goldie, of Barrie, and H. Morley Webster, of Brighton, and Mr. Geo. Rush, has done similar work among the vegetable growers and the victory gardeners of the province.

Resulting from the wet fall in 1942, many fruit trees failed to mature properly before winter set in. From December, 1942, until March, 1943, several cold spells of unusual severity and suddenness were registered. These combined conditions probably accounted for the heavy mortality of trees and for the serious injury to blossom buds in many parts of the province. Furthermore, many trees which survived the severe winter were nevertheless in a weakened condition. Many of these trees died subsequently because of the prolonged wet, cold spring. In the Niagara Peninsula, where the growing of tender fruits is most concentrated, the loss of trees and the killing of blossom buds were very serious. It has been estimated that some 300,000 trees were either killed or so weakened they had to be removed. The fruit production of this area was therefore far below normal. The following are production figures for the past two years:

Commercial Crop Tender Fruits

	1942	1943	% of 1942
Cherries, Sour—Bushels	171,600	76,170	44.3
Cherries, Sweet—Bushels	100,600	36,000	35.8
Grapes—Tons	36,000	26,000	72.
Peaches—Bushels	1,620,000	440,000	27.
Pears—Bushels	412,100	334,000	81.
Plums—Bushels	190,500	131,500	69.

The reductions in yield were substantial. Some growers suffered serious losses due to tree mortality and due to failure of blossoms to set fruit. However, the higher prices generally received by growers for all fruit crops tended to compensate, in part at least, for the lower yields. Good prices, however, did not give revenue in the case of the individual grower who failed to get a crop. The smaller production and the increased purchasing power of the public made for a strong market throughout the year. The ceiling prices established by the Wartime Prices and Trade Board for sales of fruit for the fresh fruit market reflected the strong undertone. In general, these ceiling prices received grower approval. The comparative values for the total commercial crop of fruits for 1942 and 1943 are here summarized:

	1942		1943	
Apples—Barrel	\$2.85	\$1,756,900	\$3.84	\$3,038,700
Cherries, Sour—Bushel.....	3.70	598,200	4.76	352,700
Cherries, Sweet—Bushel.....	4.60	462,800	6.96	250,560
Grapes—Ton	47.27	1,701,700	63.50	1,651,000
Peaches—Bushel	1.65	2,673,000	3.18	1,399,200
Pears—Bushel	1.45	596,000	2.07	690,700
Plums—Bushel	1.65	314,400	2.81	369,800
Raspberries—Quart .....	.21	901,400	.30	1,523,200
Strawberries—Quart .....	.12	671,200	.20	1,199,500
		<u>\$9,675,600</u>		<u>\$10,475,360</u>

For vegetable growers the past crop year has been generally very good. It has been estimated that not in 25 years has vegetable production reached such a high value—this despite the labour shortage.

Administrative work respecting The Plant Diseases Act has been undertaken by this Branch. Regulations for the control of Bacterial Ring Rot in Potatoes were passed by Order-in-Council. This disease was first reported in Ontario in 1938, the disease being introduced by some disease infested tubers brought into the Province from New Brunswick. Bacterial Ring Rot in Potatoes is generally regarded as one of the most serious diseases affecting potatoes. In the interests of the potato industry rigid control measures were deemed necessary. As far as available help would permit, field inspections were made in some of the more important producing areas to determine where the disease was present. The results of inspection work on some 900 farms revealed that on 157 farms in the province the disease was found affecting approximately 1,200 acres. The regulations passed provided for the disposal of all potatoes from lands known to be infested with Bacterial Ring Rot to processing plants or through some other approved market outlet.

The disease, authorities claim, may be eradicated in one year if the recommended preventive and control measures are followed carefully. It is highly desirable that all persons be on the alert to detect this disease and adopt measures recommended for the stamping out of the disease.

An apple maggot cross-section survey made at the time of the apple harvesting revealed a pronounced increase in the percentage infestation of this insect pest. Weather conditions favourable for the insect coupled with (a) insufficient sprays, (b) faulty timing, and (c) to a neglect of clean up of neglected apples and hawthorns within 300 yards of commercial orchards, all contributed to favour a more serious outbreak.

Japanese Beetle surveys undertaken jointly by Dominion and Provincial Departments of Agriculture were again conducted. School girls were employed as trap attendant during the summer months, their services being very satisfactory. At Windsor and vicinity control measures were undertaken with quite gratifying results.

The inspection work carried out under the provisions of The Farm Products Grades and Sales Act indicated general compliance with the grades and marking regulations despite the added difficulties with which fruit and vegetable growers and dealers have to contend under wartime conditions.

Regulations were passed under this Act respecting the marketing of eggs and dressed poultry, which regulations were deemed to be in the interests of the producers and for the safeguarding of the consumer.

Supervision of co-operatives having received financial assistance under the provisions of The Co-operative Marketing Loan Act was undertaken. In general, these co-operatives are prospering and repaying loans as they become due. The cold storage plant at Thedford, which was taken over by the Province in 1939 under the terms of a mortgage, has been operated in the public interest. During the period under review upwards of 18,000 crates of celery, 925 tons carrots, 175 tons turnips and 645 tons celergrass were stored along with lesser amounts of other vegetables, fruits and miscellaneous commodities. Fifty-one growers patronized the storage. Repairs and replacements to the equipment together with general maintenance of the plant have been undertaken and paid for from operating revenue. Bank loans have been repaid and the storage is now in a satisfactory position as a revenue producer.

The usual extension work undertaken in former years has been continued through the services of the Vegetable Fieldman and the district horticulturists located at Brighton, Barrie and Thedford. Advice and assistance is given in orchard work, such as repair grafting, pruning, top-working, spraying and cultural details. These assistants furnished valued assistance in reporting to the Statistics Committee on crop prospects and keep head office informed upon various matters that the interests of the industry may be better served.

The Vegetable Fieldman throughout the year carried out 550 inspections of stores and dealers, addressed 2,500 commercial vegetable growers, 8,000 victory gardeners, judged 3,500 victory gardens and entries in Horticultural Societies' competitions, besides interviewing persons who called at the office seeking general or specific information re vegetable growing as well as advising commercial growers on the problems of production and marketing.

DAIRY BRANCH

The provincial cheese subsidy of two cents per pound of cheese was again continued for the fiscal year—April 1, 1943, to March 31, 1944. The amount of subsidy paid to producers in Ontario for the year was \$2,085,302.22 as compared with \$2,582.64 for the previous year.

The Dairy Branch again supervised the claims for refund of the federal subsidy paid to primary producers on butterfat used for the manufacture of creamery butter. The subsidy was ten cents per pound from Janu-

ary 1 to April 30 and eight cents per pound from May 1 to December 31, 1943. On January 1, 1944, it was again increased to ten cents.

Cheese production declined 18.1 per cent as compared with the previous year and butter production increased 1.8 per cent. Most of the increase in butter came from Eastern Ontario, the cheese producing area of the province. Butter production declined considerably towards the end of 1943 as the poor grain crop and increased demand for fluid milk diverted milk to that source from butter.

Cheese factories and creameries again found it difficult to obtain sufficient experienced and inexperienced help to operate the factories efficiently.

Two members of the creamery instruction staff left during the year. Mr. Jno. Stubbs retired due to illness on June 1st, and Mr. W. S. McKenzie, who purchased the Port Elgin Creamery, severed his connection with the Dairy Branch on November 1st. Both of these men had been with the Dairy Branch for over eighteen years. Mr. P. S. McDougall replaced Mr. McKenzie and Mr. C. B. Burgess replaced Mr. Stubbs.

It was with regret that the cheese instruction staff lost two valuable members through the sudden death of Mr. O. J. McEvoy on August 5, 1943, and Mr. W. J. Moore on February 15, 1944. Mr. Jno. Wilkinson of Tweed succeeded Mr. McEvoy and Mr. W. P. Moore succeeded Mr. W. J. Moore.

Dairy Branch Field Staff:

Chief Instructors	1942	1943
Cheese Factory and Creamery Instructors	3	3
Cheese Factory Instructors	2	2
Creamery Instructors	28	28
	10	9
TOTALS	43	42

Number of Plant Licenses Issued:

Creameries	279	282
Cheese Factories	588	562
Combined Cheese Factories and Creameries	30	26

Production of Cheese in Ontario:

	1942	1943
Western Ontario	26,408,284 lbs.	18,666,350 lbs.
Central Ontario	21,707,564	17,739,362
Eastern Ontario	77,032,237	67,391,512
Northern Ontario	1,388,575	1,300,354
TOTALS	126,536,660	105,097,578

Ontario produced 64.7 per cent of the total cheese production for the Dominion in 1943 compared with 62.4 per cent in 1942, and 69.0 per cent in 1941.

The quality of the cheese improved over that of 1942.

Federal Grading of Ontario Cheese—1943:

	No. Boxes Graded	Per Cent 1st Grade	Per Cent 2nd Grade	Per Cent 3rd Grade	Per Cent Below 3rd	Average Score
Western Ontario	196,369	96.50	3.45	0.05	.....	92.941
Central Ontario	257,028	96.75	3.24	0.01	.....	93.308
Eastern Ontario	695,872	96.01	3.78	0.19	0.02	92.845
Northern Ontario ...	12,379	85.85	13.29	0.86	.....	92.111
TOTALS	1,161,648	96.15	3.70	0.13	0.02	92.956
Total 1942	1,400,839	96.01	3.89	0.09	0.01	92.900

Score of Cheese as compared with 1942:

	<i>Per Cent 94 Score or Higher</i>	<i>Per Cent 93 Score Cheese</i>	<i>Per Cent Below 93 Score Cheese</i>
1943	31.68	44.79	23.53
1942	29.33	44.36	26.31

Cheese Factory Summary:

	1942	1943
Number of factories operated	607	585
Number of patrons	27,231	24,695
Average per cent fat in milk	3.38	3.34
Average pounds milk to make 1 pound cheese	11.35	11.40
Average pounds cheese per pound of fat	2.60	2.59
Money spent in improving plants	\$298,108.26	\$234,971.00
Average price per pound of cheese	20.9	20.0

Cheesemakers' Certificates Issued:

	<i>1st Class</i>	<i>2nd Class</i>	<i>Permits</i>	<i>Beginners' Permits</i>	<i>Special Permits</i>	<i>Total</i>
1943	466	107	33	35	20	661
1942	524	98	33	36	6	697

Cheese Factory Instruction:

The cheese instructors found it difficult to improve quality largely due to the shortage of labour on the farms and in the factories. More time was required on quality production of milk and manufacturing methods in the factories.

During the year the instructors made 9,754 visits to cheese factories and 4,317 visits to patrons sending low quality milk to cheese factories. The quality of milk arriving at cheese factories was determined by means of the methylene blue test, the fermentation test and the sediment test. In 1943, the instructors made 11,231 fermentation tests, 36,701 methylene blue tests and 55,092 sediment tests.

There was a very large increase in the number of sediment tests made by the instructors in 1943.

In the fall of 1942 it was drawn to the attention of the Dairy Branch that Canadian cheese contained a considerable quantity of extraneous matter. This is largely due to extraneous matter in milk when it arrives at the cheese factory which is carried into the cheese.

By demonstrating to the producers the quantity of sediment in their milk by means of the sediment test it has resulted in greater care being taken to produce clean milk. Through the co-operation of Prof. Sproule and the Dairy Department of the O.A.C., and Dr. Hood of the Federal Department of Agriculture sediment tests were made of curd taken from almost all of the cheese factories in the province. The curd samples were sent in by the cheese factory instructors to Guelph and Ottawa. This work demonstrated the need for cleaner milk in cheesemaking.

The information received by means of the sediment tests of milk and curd was passed on to the milk producers sending milk to cheese factories at various meetings throughout the province, which resulted in a real effort on the part of the producers to produce cleaner milk. A filter strainer was devised for cheese patrons' use that would remove all sediment from the milk; and it is hoped that by the end of 1944 all cheese factory patrons will be using these strainers. The great difficulty being to procure sufficient strainers to supply the demand.

All cheese factories and creameries were again inspected in the latter part of the season and notified of the improvements to be made before they received their 1944 license. Many improvements were required at some of the older plants in the province.

Production of Creamery Butter in Ontario—

	1942	1943
Western Ontario	54,465,449 lbs.	53,222,784 lbs.
Central Ontario	14,100,979	14,628,344
Eastern Ontario	7,916,715	9,924,551
Northern Ontario	4,383,859	4,722,403
TOTAL	80,867,002	82,498,402

Ontario produced 27.1 per cent of Canada's total creamery butter compared with 28.4 per cent in 1942, and 30.2 per cent in 1941.

Federal Grading of Ontario Creamery Butter—

Approximately 38 per cent of Ontario's creamery butter is graded.

	<i>Total Boxes</i>	<i>Per Cent 1st Grade</i>	<i>Per Cent 2nd Grade</i>	<i>Per Cent 3rd Grade</i>	<i>Per Cent Below 3rd Grade</i>
1943	560,299	61.21	34.84	3.23	0.72
1942	550,006	58.91	38.89	2.04	0.16

16.22 per cent of the Ontario butter graded was first grade for flavour and workmanship but was lowered to second grade because of used boxes, single liners, or having over 2 per cent salt. Making these allowances, the quality of Ontario butter which was graded is as follows:—

	<i>Per Cent 1st Grade</i>	<i>Per Cent 2nd Grade</i>	<i>Per Cent 3rd Grade</i>	<i>Per Cent Below 3rd Grade</i>
1943	77.43	18.62	3.23	0.72
1942	81.00	16.80	2.04	0.16

Cream Quality—

The quality of the cream received at the creameries as compiled from the instructors' monthly reports is as follows:—

	<i>Per Cent Special</i>	<i>Per Cent First</i>	<i>Per Cent Second</i>	<i>Per Cent Off</i>	<i>Per Cent Special and First Grade</i>
1943	3.2	87.85	8.9	0.05	91.05
1942	3.5	89.06	7.4	0.04	92.56

The increase in second grade cream was due to the restricted pick-up of cream during the summer through the order of the Services Administration, Wartime Prices and Trade Board.

Creamery Summary—

	1943	1942
Number of creameries operating	293	298
Number of patrons	78,072	80,643
Average per cent fat in cream	32.2	32.1
Number of creameries making cheese	25	25
Number of creameries making powdered and condensed milk	17	18
Number of creameries making whey butter	38	41
Number of creameries with meat lockers	83	83
Number of creameries manufacturing butter only—		
(a) with no other associated product	65	65
(b) with no other dairy product	146	146
Average price of butter (solids)	34.1	34.9
Average price of first grade fat (subsidy not included)	34.9	35.8
Average per cent fat in milk received at manufacturing plants	3.61	3.56

Buttermakers' Certificates Issued—

	<i>First Class</i>	<i>Second Class</i>	<i>Permits</i>	<i>Beginners' Permits</i>	<i>Special Permits</i>	<i>Totals</i>
1943	241	29	.....	27	19	316
1942	274	35	3	22	9	343

Creamery Instruction—

The creamery instruction staff found it increasingly difficult to maintain the quality of butter manufactured in 1943 in relation to the improvement made during the previous three years. Several factors contributed greatly to this difficulty, namely:—

(1) The instruction staff was reduced by one on April 1, 1943, and consequently with increased territories the staff was unable to give the same concentrated attention as previously. This difficulty was further aggravated when an extra dairy short course was necessary at the O.A.C., thus taking another instructor off his territory for an additional three months to instruct in buttermaking.

(2) Creamerymen found it impossible to staff plants with the proper quota of efficient and qualified help.

(3) The Services Administration of the Wartime Prices and Trade Board restricted cream pick-up by truck to not more than three times in two weeks during May through September in place of the regular twice a week pick up.

(4) An outbreak of surface taint on butter occurred in a number of creameries in one section of the province, which was found difficult to bring under control. Surface taint was more prevalent in 1943 than it has been for several years.

(5) A number of creameries encountered considerable trouble with mould developing on new butter boxes, which they were forced to use due to the acute shortage of boxes. Despite precautions taken in washing these boxes considerable butter went undergrade from this source.

The last two factors accounted for most of the increase in the amount of below third grade butter, while the third factor was essentially responsible for the increase in the third grade.

Mechanical defects increased 13 per cent during 1943. The increase was most evident under colour and moisture incorporation. Lack of proper temperature was largely responsible for these defects.

Considerable careless neutralizing of cream was encountered in many plants and resulted in considerable good quality cream being manufactured into second grade butter.

The increase in mechanical defects and careless neutralizing was due mainly to lack of sufficient qualified help. These two defects accounted for most of the increase in second grade butter. In an effort to assist the instructors to rectify these defects as soon as possible a discussion paper on neutralizing was prepared and distributed to the buttermakers.

In co-operation with Mr. L. R. Bryant, dairy chemist at the O.A.C., a leaflet on simple directions in preparing and using phenolphthalein indicator was prepared and distributed in an effort to standardize the indicator used in the plants.

Composition control in butter was given more than usual attention, particularly in relation to loss of moisture in printing butter with mechanical printers.

Instructors again had to devote more time than usual to the testing of cream and milk at the manufacturing plants. Some improvement was shown in the efficiency of milk testing but in the early part of the year cream testing required more than the usual attention; but improvement was shown as the season advanced. Here again the qualified help problem was the main factor in testing inefficiency. It was difficult to impress on those persons doing the testing the importance of care and accuracy in their technique. This was true not only in operating the Babcock Test but also in holding and identifying samples.

There were not as many creameries in the mould and yeast count service as in the previous year. However, those remaining in the service realize its value in helping to maintain sanitary efficiency in their plants.

Four buttermakers' clubs held regular meetings during the year, the same as in 1942.

Instructors as usual attended meetings to discuss dairy problems with producers and manufacturers as well as acting as judges in dairy products at a number of fairs.

AGRICULTURAL REPRESENTATIVE BRANCH

FOREWORD

During the period April 1, 1943, to March 31, 1944, activity in and around Agricultural Representatives' offices reached an all time high. In comparison with the previous year, office callers increased by 16,115. In fact, some offices became so congested that farmers found it more convenient and a time-saver to meet the Agricultural Representative by appointment and for the first time in the history of the Branch, this became common practice in some counties.

In addition to the regular duties of the Agricultural Representative, special war work such as postponement investigations, farm labour problems of all kinds, and special investigations and surveys, loomed large in the programme. Also, in addition, special projects peculiar to individual counties were developed.

In Essex, Waterloo and Simcoe, special soil conservation programmes are underway. Peterborough has a milkweed project. Glengarry started an extensive pasture programme. Waterloo, Leeds, Bruce, and Halton, are interested in artificial insemination projects. Although most counties and districts are now under the T.B. Free Area Plan, one or two counties just completed the initial test this year and at least one county completed the canvass and is waiting the commencement of testing. Temiskaming, one of the few areas with a bumper crop, shipped out over 100 cars of hay, vegetables, and seed grain. The District of Sudbury moved out over 50 cars of potatoes including 2 cars of foundation A seed stock. Prescott and Russell had a flax and vegetable seed project, South Simcoe, a registered fall wheat multiplication project. Cochrane West developed Credit Unions. Carleton tried out a Prisoner-of-War labour plan. Agricultural Representatives in Elgin, Essex, Haldimand, Grey, Renfrew, Dundas, Rainy River, Prince Edward, Prescott and Russell, and many other counties, have devoted a lot of time to Co-operative Planning and Organization. Marketing schemes under the Farm Products Control Act received considerable attention in several counties.

Changes in Personnel

On January 1, Mr. R. S. Duncan, Director of the Branch since its organization as a separate branch of the Department of Agriculture in 1917, resigned to accept the position of Assistant Deputy Minister.

C. D. Graham, who had twelve years' experience in Agricultural Representative work and more recently, was Director of Extension for the Holstein Friesian Association of Canada, was appointed as Director.

Hamish G. MacLeod resigned as Agricultural Representative in Grenville County to become Manager of the Dominion Concrete Company, Kemptville.

W. A. Davidson resigned as Agricultural Representative in Lanark County to become Manager of the Co-operative Services, Peterborough.

D. J. Pomerleau resigned as Agricultural Representative in Cochrane North to join the Land Settlement Branch, Soldiers' Settlement Board, Sherbrooke, Que.

J. C. Shearer resigned as Agricultural Representative in Huron County to operate his farm in Oxford County.

New appointments included: Frank H. Cotton to Manitoulin, C. C. Tennant to Grenville, Fred Forsyth to Lanark, and Bruce J. Matheson (formerly assistant in Oxford County) to Huron County. During the year, Donald C. McLean, Robert G. Bennett, Donald M. Graham, Jas. D. Moore, and C. F. Breckenridge were attached to the staff as Assistant Agricultural Representatives.

OFFICE STATISTICS 52 Offices Only

	<i>Total</i>	<i>Average Per Office</i>
No. Letters Received	119,040	2,289
No. Letters Written	110,379	2,123
No. Circular Letters Mailed	492,528	9,472
No. Incoming Telephone Calls	124,490	2,394
No. Visitors at Office	152,195	2,927
No. Meetings Held in Office	2,776	53
No. Bulletins and Reports Distributed Through Office	133,022	2,558
No. Miles Travelled by Automobile on Gov. Business	799,210	15,369
No. Meetings Addressed	3,062	59
No. Additional Meetings Attended	2,274	44
Attendance at Meetings	283,425	5,450

LIVE STOCK IMPROVEMENT

Horses

Although interest in horses is at low ebb, a few field days and special horse shows are still carried on with considerable success. One organization worthy of mention is the Perth County Horse Breeders Association which held eight meetings during the year and staged the Stratford Horse Show which drew a crowd of 3,000 people. The Agricultural Representative acted as Secretary.

Agricultural Representatives provided transportation for the stallion inspectors on their annual fall inspections.

Cattle

Seventy special cattle shows were held, forty-two of which were Black and White Days. There was a total entry of 5,543 and \$16,357.75 was paid in prizes. Agricultural Representatives assisted in the organization of these fairs and in most cases acted as Fair Secretary. There are 127 cattle breeders' clubs in Ontario. The Agricultural Representatives act as Secretary of many of them.

Two artificial breeding clubs are in operation in Waterloo County, and a modified limited club plan is underway in Halton County. Cow testing facilities are available for those who wish to make use of this system of test work. The number of cows on test increased from 608 to 734. The district of Algoma completed a T.B. canvass with about 90% of the owners in favour of plan. One or two counties received their first T.B. test and others are waiting for the test to commence. Most counties, however, completed the test several years ago.

In Northern Ontario where veterinaries are scarce or non-existent, Agricultural Representatives are called on to do considerable veterinary work. In Rainy River where there is no veterinary, the Agricultural Representative on that work alone had 1,079 office callers, 1,410 incoming telephone calls, made 334 farm trips, gave 1,560 prescriptions, treated 3,162 animals and performed 32 minor operations and 15 post-mortems.

127 Bull Clubs are in operation in Northern Ontario in co-operation with the Dominion Department of Agriculture. Where the clubs have been organized a number of years, cattle improvement is marked. In West Cochrane, this type of work has been dropped and the same clubs are carrying on with club bulls purchased outright from the Dominion and Provincial farms in the district.

Sheep

Ten Lamb Fairs were held in Northern Ontario. There were 1,419 entries and 7,105 lambs, mostly No. 1, shipped to market. 35 dipping, castrating and docking demonstrations were given at which 1,653 lambs were treated and 202 men attended. Agricultural Representatives maintain supplies of wool sacks and twine at their offices and assist in the co-operative loading and shipping of cars of wool and lambs. In Manitoulin 6,236 lambs and 88,233 lbs. of wool were shipped co-operatively. In Rainy River, 9,500 lambs and 74,000 lbs. of wool were shipped co-operatively. Each fall a number of pure bred rams are sent into Northern Districts at a nominal cost to the Club. This has greatly improved the quality of Northern lambs during the past ten to fifteen years.

Bounty was claimed on 376 bears in 1943 under the Bear Bounty Act. The greatest number of claims came from Cochrane District—68, with Temiskaming second—49c. More bears were killed in July than in any other month—148.

Swine

In co-operation with the Dominion Marketing Service, Agricultural Representatives make a quarterly survey of breeding to determine the marketing trends of the future. The 1943 survey was based on the reports of services of 547 boars. These boars serviced 10,455 sows the first quarter, 7,389 the second quarter, 4,992 the third quarter and 7,907 the fourth quarter. There are 173 boar clubs organized by Agricultural Representatives in co-operation with the Ontario Live Stock Branch. Twenty of these were organized in 1943.

The Agricultural Representative in Renfrew County makes a practice of visiting most of the pure bred swine breeders in the county each year and selecting and tattooing about 200 of the best sow pigs. These are distributed throughout the county through swine clubs or other means. Most of these sows trace back to Advanced Registry breeding brought into the county from Waterloo and for the most part are bred to Advanced Registry Club boars. The result of this practice has been an increase in hog marketings of 24% since 1942 and a decided increase in quality.

The Wellington Advanced Registry Yorkshire Club will serve as an illustration of what breeders clubs can do. This club sold 80 sows to Connecticut and smaller shipments have gone to many other States and every province in Canada. This club is believed to have put the first Yorkshires in the State of Texas.

Thirty-four special swine meetings were held with an attendance of 1,123. In Dufferin five special swine meetings were held. It was found that eight out of ten farmers who were trying to grow hogs for the overseas market had never seen a Wiltshire side. Four hogs were selected for each meeting. These were judged on the hoof, then in the evening were slaughtered. The next day the carcasses were weighed and graded and one was cut into a Wiltshire and another into domestic cuts. Those present were shown the grades, relationship between price to the farmer and sea-board prices, wastes in trimming and comparison between the best and poorest carcasses.

Poultry

Sixty-nine Poultry Culling and caponizing demonstrations were held in twelve counties with an attendance of 209. 8,700 birds were culled in demonstrations.

There are in Ontario 501 breeding station flocks with a total of 235,759 birds. Eggs for hatching are in great demand from these flocks.

The bulk of the Agricultural Representative's attention as far as poultry is concerned is largely devoted to planning and organizing co-operatives for the handling of poultry feeds and the marketing of poultry and eggs.

A good example of the advancement in co-operative marketing is the Prince Edward Poultry Products Co-operative. This was organized in 1936 with nine members. Two years later a feed business was added and later a killing and plucking department was installed. In 1943 this Co-operative had a turn-over of \$267,000.00. Two egg circles in Northumberland County marketed poultry and eggs to the value of \$125,606.00. In Manitoulin, 51,184 lbs. turkey was box packed, with 6% grading Special and 50% grading Milk Fed A.

FIELD CROPS

Feed Grain Subsidy

As soon as it was determined that the 1943 Ontario grain crop would be light, the Ontario Department of Agriculture established a system of grain subsidies to encourage the early purchase and storage of Western feed grain. This policy came into effect on July 12, was made retroactive to May 15, and terminated December 31. The rates of subsidy were:

On Grain Delivered from May 15 to Sept. 30.....	\$1.80 per ton
October Delivery.....	1.20 per ton
November Delivery.....	.90 per ton
December Delivery.....	.60 per ton

During that period claims totalling \$541,236.65 were paid on 373,324 tons. This converted into bushels on the basis of 50% oats, 25% barley, and 25% wheat, would amount to 17 million bushels. 37,320 farmers participated in the plan. This does not represent all of the grain moved into Ontario from the West. During the entire year between 45 and 50 million bushels of grain and nearly 200,000 tons mill feeds were moved into Ontario. The subsidy policy was administered by the head office of the Agricultural Representative Service. Administrative costs including salaries, printing, and advertising, totalled \$10,095.11 or 2.2% of the total cost.

Crop Improvement Associations

	<i>Number</i>
No. County Crop Improvement Associations	50
No. County Seed Fairs and Seed Displays	41
Total Entries	2552
Total Prize Money Paid	\$4816.40

In practically every case the Agricultural Representative acts as Secretary-treasurer and takes a prominent part in planning field crop project work for the county or district.

Demonstration Test Plots

	<i>Number</i>
Variety Test Plots	260
Variety and Fertility Test Plots	63
Fertility Test Plots	27
Rod Row Replicated Plots	38
Hay and Pasture Test Plots	55
Mustard Control Plots	2
Miscellaneous including	
Hybrid Corn and Potato Test Plots	90
Disease and Insect Control Plots	31
TOTAL	566

566 variety, fertility, and other plots ranging from one hundred to several acres in size, were laid down in 1943. These plots provided a setting for field and demonstration meetings and served in providing local committees with much valuable information. 188 hall and field meetings were held with an attendance of 5,415.

SEED GRAIN DISTRIBUTION—NORTHERN ONTARIO

<i>DISTRICT</i>	<i>No. of Settlers</i>		<i>No. of Bags Distributed.</i>						<i>Total Cost</i>	<i>Amount Cash Received</i>
	<i>Provided with Seed</i>	<i>Paid Cash</i>	<i>Promissory Note</i>	<i>Barley 2 bus.</i>	<i>Oats 3 bus.</i>	<i>Wheat 2 bus.</i>	<i>Grass Seed 50 lb.</i>	<i>Peas 2 bus.</i>		
Algoma	1	.....	1	.....	7	.....	.....	.....	\$ 21.74	.....
Cochrane N.	102	77	25	53	515	.....	100	10	3103.05	2250.10
Cochrane S.	76	64	12	100	300	30	50	.....	1970.08	1524.20
Cochrane W.	118	109	9	25	300	.....	100	.....	1959.80	1507.60
Kenora	2	.....	2	.....	9	.....	.....	.....	24.30	.....
Manitoulin .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Musk. & P.S.	69	40	29	91	306	10	.....	2	1185.61	525.15
Nipissing	24	6	18	16	191	2	.....	1	592.51	156.20
Rainy River	7	.....	7	55	26	.....	.....	.....	152.00	.....
Sudbury	10	1	9	13	67	.....	.....	.....	214.93	8.00
Temiskaming	14	.....	14	5	95	.....	.....	.....	288.00	.....
Thunder Bay	4	.....	4	3	25	.....	26	.....	80.15	.....
									Miscellaneous Costs	136.33
Totals	427	297	130	361	1841	42	250	13	9728.50	5971.25
									bags	
									26 lbs.	

6,355 bushels of grain and 12,526 lbs. grass seed were distributed to 427 farmers at a total cost of \$9,728.50. 297 farmers paid cash leaving a net cost for notes and distributing charges of \$3,757.25.

The distribution of good seed in Northern Ontario has resulted in a gradual decrease in the cost of this policy since 1937 when the cost amounted to \$56,764.53.

Soil Testing

21 Agricultural Representatives' Offices are equipped with Thornton Test Kits, these Representatives reported testing 176 samples of soil. 1096 additional samples were forwarded to Guelph, Kemptville, Ridgetown, or Vineland, for analysis. 2673 nitrocultures were distributed.

Farm Drainage

Agricultural Representatives received 250 requests for help. Fifty surveys were made by Agricultural Representatives and 157 surveys were made by the Drainage Departments at Ontario Agricultural College and Kemptville Agricultural School. 2723 acres were surveyed. 111 septic tanks were built with forms loaned from Agricultural Representatives' offices.

Orchard Spray Service

5577 growers in 27 counties were forwarded from 7 to 13 spray service letters each. Spraying recommendations are issued by the Provincial Botanist at Guelph. The Agricultural Representative checks the blossom and fruit development carefully in each fruit growing community and sends out the spray service letters accordingly. This service is of long standing and is depended on and greatly appreciated by fruit growers.

Farm Labour

Agricultural Representatives received 3,757 requests for farm help. 929 placements were made by Agricultural Representatives. In addition 660 Harvesters from Western Canada were placed on Ontario farms. 2899 Ontario farmers participated in the Western Canada harvest. Agricultural Representatives signed permits for these and refused many others. Agricultural Representatives signed 6,511 applications for permits for men engaged in Agriculture to work temporarily in some other occupation for the fall and winter months.

12,324 postponement applications were investigated. Reports were made on 1,925 applications for harvest leave. 223 C.O.'s cases were dealt with and property damage in 46 plane crashes was evaluated.

In addition, Agricultural Representatives played a part in the recruiting of student labour, organization of boys' and girls' camps, organization for and distribution of commando, holiday, prisoner-of-war, internee, and part-time labour of all kinds.

Co-operative Organizations

Agricultural Representatives give much time and study to the planning and organization of co-operatives of all types. Examples of this type of work are the Elgin Growers' Co-operative which was re-organized this year and new cold storage and packing rooms added at a cost of \$80,000.00 and the Elgin Co-operative Services which now has 395 members and a capital of \$42,000.00 and is now working on the selection of a business site.

Likewise The Haldimand Farmers' Co-operative is in the process of organization. The business of the Grey County Co-operative Cheese Producers outgrew the premises and a new location had to be secured. In Rainy River, all the small co-operatives and farmers' associations of various types were re-organized into the Rainy River Co-operative Services. In some northern districts, Agricultural Representatives give considerable time to the establishment of study clubs and credit unions as a forerunner to Co-operative Organization.

Farm Mechanics Courses

15,374 farmers in 39 counties attended the 303 two-day courses on the care, repair and adjustment of farm equipment. These courses were organized expressly to conserve the farm implements and equipment now in use on farms. 66 lecturers in addition to Agricultural Representatives, largely consisting of qualified farmers and implement dealers, were recruited in the counties in which the courses were held. These men were given a three-day refresher course at the Ontario Agricultural College. The courses were held in December, January, February, and March.

Rural School Fairs

53 school fairs were held under local management. 6,486 pupils in 366 schools made 20,474 entries. There was an attendance of 15,600 adults and 11,200 children.

Junior Farmer Associations

Early in 1944 Representatives from all Junior Farmer Associations met in Toronto and organized the Ontario Junior Farmers' Association. This organization includes girls as well as boys. Gordon Orr, York County, was elected President. The membership in Junior Farmer Associations now totals about 2,700 not including girls.

Since 1940, Junior Farmer Associations in Ontario have raised more than \$10,000.00 through their War Service Fund. From these funds, an ambulance, a station wagon and a mobile canteen have been purchased. \$1,400.00 was granted to the Canadian Aid to Russia Fund, \$1,000.00 to the Canadian Red Cross for Prisoner-of-War parcels, \$1,000.00 to the Navy League for comforts for the Navy and Merchant Marine, and \$525.00 to the Salvation Army for subscriptions to magazines. Several Junior Farmer Associations now participate in the Victory Loan Drives and in every case have reached far beyond their quotas. Many Associations also stage special drives for Blood Donors and others organize community auctions and salvage drives.

Most Junior Farmer Associations hold regular monthly meetings. Eighteen County Live Stock judging competitions and thirteen Seed judging competitions were held with a total of 860 boys competing. Other activities included reforestation, drama, and public speaking contests, music festivals, church services, plowing matches, debating leagues sponsoring Junior Club Work, and other projects.

Junior Farmer News is a monthly mimeographed publication edited and published by the Agricultural Representative Branch. It covers reports of Junior Farmer activities and is designed to create a closer relationship between the various clubs in all parts of the province.

Inter-County Competitions

Only two inter-county Junior Farmer Judging Competitions were held, both in seed. The Durham County team coached by E. A. Summers, Depart-

ment of Agriculture, Bowmanville, won the Quinte Seed Show Competition and the Grenville County team coached by C. C. Tennant, Department of Agriculture, Kemptville, won the Ottawa Valley Seed Fair Competition.

4-H Club Congress, Chicago

Nine Junior Institute members and eleven Junior Farmers, all county winners in the counties of Brant, Halton, Lincoln, Middlesex, Norfolk, Ontario, Peel, Perth, Wentworth, and York, attended as a group, the National 4-H Club Congress, Chicago, November 27, December 2. Each member had won the trip by special achievement in his or her own county. The Ontario party provided an international aspect to the Congress and were the recipients of special recognition on several occasions. Two of the party were chosen for a 15-minute broadcast over a coast-to-coast network. Ian MacLeod, Department of Agriculture, Brantford, was in charge of the party and Miss Lily Petty, Home Demonstration Coach, acted as chaperon.

Boys' and Girls' Club Work

5,137 boys and girls were enrolled in 442 clubs in 1943 as compared to 369 clubs with a membership of 4,908 in 1942.

Club work in the counties is organized by the Agricultural Representative and a local committee for each club. Prize money is provided equally by the Federal and Provincial Departments of Agriculture and the local sponsoring organizations.

CLUBS ORGANIZED IN 1943

	<i>No. Clubs</i>	<i>Membership</i>
Calf Clubs	80	1251
Swine Clubs	27	380
Foal Clubs	7	89
Sheep Clubs	4	48
Poultry Clubs	10	182
Grain Clubs	21	296
Potato Clubs	42	723
Girls' Garden Brigades	251	2168
Totals	442	5137

Provincial Inter-Club Competitions

Provincial Inter-Club Competitions were held at Kemptville for Eastern Ontario and at Guelph for Western and Central Ontario.

WINNING TEAMS

<i>Project</i>	<i>Teams competing at</i>		<i>County</i>	<i>Coach</i>	<i>Team Members</i>
	<i>Guelph</i>	<i>Kemptonville</i>			
Dairy Calf.	13	8	Grenville	C. C. Tennant	Garnet Ralph, Kemptonville. Harold Baker, Merrickville.
Beef Calf...	10	—	Perth	R. E. White	Bruce Waldie, Stratford. Bob Bissonette, Stratford.

Swine	15	3	York	W. M. Cockburn	Ewart Jennings, King.
					Perry Winch, Keswick.
Foal	5	—	Middlesex	W. K. Riddell	Murray Carruthers, Melbourne.
					Lyman Fisher, Glencoe.
Poultry	3	3	Grey	T. S. Cooper	Betty Sherman, Tara.
					Joyce Carnohan, E. Linton.
Grain	13	2	Peel	B. S. Beer	Geo. Gardhouse, Malton.
					Stanley Steen, Meadowvale.
Potatoes ...	15	3	Welland	Jos. Wilson	Barbara Armbrust, Fenwick.
					Kelvin Crossley, Fenwick.

156 boys and girls in 78 teams participated in the Provincial contests. The Provincial Championship teams in Dairy Calf, Swine, Grain, and Potato projects were selected to compete in the Dominion Championship Judging Competitions at Toronto, in competition with Championship teams from other provinces. The Dairy Calf, Swine, and Potato teams won first place and the Grain team stood in third place.

Since 1931, Ontario has entered 47 teams in National Contests. These teams have rolled up an enviable record of 22 Dominion Championships, 14 seconds, eight thirds, two fourths and one fifth.

Junior Fairs and Club Camps

Two Junior Fairs or Club Camps were held. The Lakehead Exhibition in co-operation with Service Clubs, staged a three-day Club Camp with 63 boys and girls participating. The Central Canada Exhibition Board in co-operation with the Ontario Department of Agriculture, provided a Boys' and Girls' Club Fair at Renfrew. 174 boys and girls participated in the Calf and Swine Club projects and 75 additional girls took in the Home-Making Club projects. The calf classes included 79 Holsteins, 32 Ayrshires, 14 Jerseys, 17 Shorthorns, 9 Herefords, and 7 Baby Beef, and there were 16 exhibitors of swine with two sows each. All boys and girls participating were housed in Renfrew overnight.

War Service Activity

Agricultural Representatives with their organizing ability and experience in meeting people, are in great demand for all types of voluntary war services. Agricultural Representatives hold important offices in various branches of the Canadian Red Cross Society, Victory Loan Organizations, the Reserve Army, the Aircraft Detection Corps, Air Raid protection Service, Advisor to local Ration Boards, Reconstruction and Rehabilitation Council, Salvage Committees, and Navy League. Most Agricultural Representatives are members of Service Clubs and, in addition to holding office on various committees, several Agricultural Representatives are Presidents and Vice-presidents of local clubs, and at least one held the office of Deputy District Governor.

Administration

Administrative duties in Head Office, include supervision of 53 offices, purchase of equipment, periodic inspection visits to offices, supervision of

leases, changes in personnel, new appointments and transfers, organization of regional conferences and committees, supervision of general policy on Junior and Senior Extension, organization of short courses, itineraries, and assembling of equipment, auditing Agricultural Representatives appropriation and County Grant accounts, correspondence including weekly and crop reports, editing Junior Farmer News, serving on committees and boards, speaking engagements, supervision of emergency surveys and reports, distribution of Western Harvest Workers, assisting Agricultural Representatives with special projects, general direction of inspection service for mobilization boards, managing competitions at larger fairs, supervision of Boys' and Girls' Club Work including organization and management of the Provincial Inter-Club Competitions and assistance at the National Contests, supervision of the distribution of seed grain through the Seed Grain Subsidy Act and the Northern Ontario Seed Grain Policy, supervision of the Western Feed Grain Subsidy Policy, handling of subscription lists for Farm Periodicals for the Department of Agriculture, and the registration, transfer, and insurance on Department cars, and signing officer in the purchase and retreading of tires and applications for gasoline ration books for all cars owned by the Department and Departmental officials, and handling of subscriptions to Plan for Hospital Care for the entire Department of Agriculture both inside and outside service.

MILK CONTROL BOARD OF ONTARIO

The Milk Control Board of Ontario has completed ten years of service to the dairy industry of the Province and during that time, with the cooperation of producers, distributors and consumers alike, has been able to eliminate many of the evils which existed in the industry during "pre-control" years. The chaotic conditions of 1933 which brought financial ruin to scores of milk producers and distributors and threatened the safety of the consumers' milk supply no longer obtained and, by means of reasonable regulation, prices have been stabilized, producer payments protected and an adequate quality of product assured.

During the past year, previously existing regulations have been continued in effect in so far as war-time conditions permitted and required. Milk distributors and manufacturers have been licensed; milk buyers have been bonded; payments to producers have been supervised as to butterfat content, price and actual payments; and disputes as they arose have been settled by negotiation and arbitration.

The most serious problem of the industry during the past year was that of supply. Previously existing conditions of labor shortage and increasing costs became worse and in addition, crop yields were generally quite low throughout the Province. At the same time the phenomenal demand for fluid milk continued to increase. As the season developed, a crisis supply became very apparent but price ceilings prevented the normal solution of the problem. The Board kept the Agricultural Food Board fully advised of developments as they occurred and continued to press the need of greater producer income. Increased subsidy payments from October tended to encourage the maintenance of production but large diversions of supply from manufacturing milk areas were necessary throughout the fall and winter months to satisfy the demand of the urban centres.

Some progress was made in the general improvement of conditions within the industry. As the result of an arbitration between producers and distributors the general method of payment to producers was changed so that producers are no longer forced to sell any quota milk at manufacturing or secondary prices and in times of plentiful supply, they are assured of a fair participation in the fluid market available.

Another Board order confirmed a Provincial agreement among milk distributors whereby uniform fair business practices were established throughout the Province, thus finally eliminating many of the old-time unethical practices which have for years lowered the efficiency of milk distribution.

The Board held eighty-five formal meetings during the year, at which decisions were rendered on 768 separate matters, including the issuance and revocation of licenses, the calling of bonds to pay producer accounts, the arbitration of disputes, etc. During the consideration of these matters a total of 176 hearings were held.

Milk price adjustments within the price ceilings established by order 195 of the Wartime Prices and Trade Board were recommended by the Milk Control Board and secured for 83 areas where prices had been abnormally low. On the recommendation of the Board, producer subsidy payments were approved in 68 areas not previously subsidized.

The bonding of milk distributors continued to be an important responsibility of the Board and a necessary service to the industry. The increase in volume of milk handled necessitated the continual checking of bonding requirements and the securing of increased bonds from many operators. The total amount of bonds on file during 1939 was \$1,563,000. This has now increased until during 1943 bonds to the amount of \$2,308,950.00 were on file for the protection of producer payments.

Each year it is necessary to use some of these bonds for the payment of overdue accounts. During the year of 1943, four milk distributors failed to pay their producer accounts and the income from their bonds made possible a distribution of \$15,017.47 to the producers concerned.

Claims for producer milk subsidies payable by the Agricultural Food Board and for consumer milk subsidies payable by the Commodity Prices Stabilization Corporation are checked by the Board's staff. The handling of these claims which numbered 24,952 during the year not only required considerable clerical work but also added greatly to the work of the Board's field and audit staff. It is, however, true that the handling of this detailed material assisted the Board in its supervision of producer payments and price regulation.

The field staff continued to carry on its extensive work of inspection and payment checking as in former years. It is difficult to reduce all of this work to figures but the following statistics give some idea of the routine inspection done:

Milk samples tested	29,156
Periodic milk receiving reports: (showing methods used for weighing, sampling, testing, etc).	375
Periodic milk payment reports: (showing date and accuracy of payment, statements used, etc.)	876
Periodic reports on producer-distributor operations	353
Other visits made.....	1,061
Mileage travelled	100,532
Payment errors adjusted	408

In addition to the routine inspection work shown above, a great deal of detailed auditing of producer payments was completed:

Payment checks made	772
Errors Corrected—number 45. Value.....	\$4,893.25
Producer subsidy claims checked.....	905
Errors Corrected—number 56. Value.....	\$ 428.72
Consumer subsidy claims checked.....	982
Errors Corrected—number 72. Value.....	\$4,284.83

(The figures given refer to plants and not to individual producers)

During the year, therefore, and despite wartime conditions, the Milk Control Board has been able to carry on its regular service to the dairy industry and in addition has been able to assist the industry in its attempt to solve its special wartime problems.

CO-OPERATION AND MARKETS BRANCH

The activities of the Branch are devoted to administering The Farm Products Control Act under the jurisdiction of The Farm Products Control Board, and The Credit Unions Act under the jurisdiction of the Registrar and Inspector of Credit Unions.

THE FARM PRODUCTS CONTROL BOARD

Under The Farm Products Control Act, the Farm Products Control Board is given authority to recommend the approval of marketing schemes, and, if approved by the Minister of Agriculture, to establish and supervise the operation of local boards to administer the schemes.

Marketing schemes are the legally constituted means for collective bargaining and regulating the sale of designated farm products. Each scheme must provide for a definite program of marketing activities and must be supported by a vote by ballot showing that a fairly representative number of the growers concerned are in favour of the scheme.

Each scheme is administered by a local board of growers, elected by the growers. Subject to the approval of the Farm Products Control Board, local boards are empowered to negotiate and fix agreements respecting minimum prices, premiums, discounts, forms of contract and conditions of sale. Growers now have some direct voice and authority in marketing their own produce.

Presently there are nine Schemes covering eleven crops, in force under the Act, viz.:

- The Ontario Cheese Producers' Marketing Scheme, 1938
- The Ontario Asparagus Growers' Marketing Scheme, 1938
- The Ontario Pear, Plum and Cherry Growers' Marketing Scheme, 1938
- The Ontario Peach Growers' Marketing Scheme, 1938
- The Ontario Tomato Growers' Marketing Scheme, 1940
- The Ontario Seed Corn Growers' Marketing Scheme, 1940
- The Ontario Strawberry Growers' Marketing Scheme, 1942
- The Ontario Sugar Beet Growers' Marketing Scheme, 1942
- The Ontario Raspberry Growers' Marketing Scheme, 1943

A brief comment on the working of each Scheme will illustrate the scope of the marketing activity involved.

1. *The Cheese Scheme:*

Some 26,000 milk producers supply milk for processing into cheese. The cheese scheme was the first marketing scheme approved under the Act.

The purpose of the scheme is—

“to require the primary sale or primary offer for sale of all cheddar cheese produced in Ontario to be made on local cheese boards under uniform rules and regulations.”

The extent the scheme has achieved its primary object of stimulating competition in buying cheese is evident from the figures that during 1943 95% of the cheese graded in Ontario was sold on local cheese boards, whereas only 36.6% of the cheese graded was sold on local cheese boards in 1935, the year prior to the commencement of the scheme's operations.

2. *The Asparagus Scheme:*

Some 650 growers sell asparagus annually to the canners in Ontario for processing. Only the processing industry is regulated, i.e., asparagus sold on the fresh vegetable market is exempt from the scheme. One marketing agency appointed by the local board sells all the asparagus purchased for processing, each growing district being allotted its share of the tonnage sold. A unique feature of this scheme is an agreement by the growers to cease cutting when total orders have been filled. In this way production is fitted to demand.

In 1943—2,416,693 lbs. of asparagus were sold for processing at a total value of \$226,570.11. This compares with 2,878,138 lbs. valued at \$273,592.19 sold for processing in 1942.

In 1943 asparagus minimum prices were:

Grade No. 1A.....	.12¼c per lb.
Grade No. 1B.....	.10¾c per lb.
Utility Grade A.....	.9¼c per lb.
Utility Grade B.....	.8c per lb.
Grade No. 2.....	.5¼c per lb.

3. *The Pear, Plum & Cherry Scheme:*

Some 2,200 growers sold 1,283 tons of sour cherries valued at \$237,413.93; 206 tons of sweet cherries valued at \$49,612.00; 1,480 tons of plums valued at \$149,092.56; 1,066 tons of Bartlett pears valued at \$104,875.06, and 3,083 tons of Kieffer pears valued at \$172,951.27 or a total of \$713,944.82 for processing in 1943.

This compares with 3,393 tons of sour cherries valued at \$397,159.85; 1,264 tons of sweet cherries valued at \$202,268.95; 1,832 tons of plums valued at \$81,310.42; 2,173 tons of Bartlett pears valued at \$123,775.29 and 4,618 tons of Kieffer pears valued at \$173,014.02, or a total of \$977,528.53 sold for processing in 1942.

The 1943 minimum prices for processing were:

Xsour cherries.....	9c per lb.
sweet cherries.....	12c per lb.
plums	5c per lb. (including Dominion subsidy)
Bartlett pears 2" and up.....	5c per lb. (including Dominion subsidy)
Bartlett pears 1¾" to 2".....	3½c per lb. (including Dominion subsidy)
Kieffer pears 2" and up.....	3c per lb. (including Dominion subsidy)
Kieffer pears 1¾" to 2".....	2c per lb. (including Dominion subsidy)

X—The Wartime Prices and Trade Board refused to concur in the Farm Products Control Board Order of 9c per lb. for sour cherries. Processors paid this price, however, because of market conditions.

4. *The Peach Scheme:*

Some 750 growers sold 2,543 tons of peaches valued at \$332,632.18 for processing in 1943. This compares with 13,505 tons of peaches valued at \$889,114.48 sold for processing in 1942.

Due to crop conditions there was only one 1943 minimum price established for all varieties of peaches for processing of 6½c per lb., including Dominion subsidy.

5. *The Tomato Scheme:*

Some 6,500 growers sold 144,468 tons of tomatoes valued at \$2,339,772.73 for processing in 1943. This compares with 157,733 tons of tomatoes valued at \$2,374,221.31 sold for processing in 1942.

The minimum price in 1943 was \$17.10 per ton including Dominion subsidy.

6. *The Seed Corn Scheme:*

This marketing group is more limited in both its membership and field of operation than any other scheme under the Act. Its membership is comprised of some 15 open pollinated seed corn growers and some 150 hybrid seed corn growers who specialize in the production of corn for seed purposes. The scheme's object is to make the production of seed corn sufficiently attractive, despite the extra costs of selection and isolation, that certain varieties and strains will be preserved and maintained. Through negotiation with the dealers in seed corn a scale of premiums to the growers for different services rendered is established for the different varieties of hybrid seed corn to be paid over and above the average January market price per bushel for dried commercial corn in each year. Also through negotiation with the dealers in seed corn a scale of minimum prices per bushel is established for the different varieties of open pollinated seed corn in each year. In 1943 some 175,641 bushels of open pollinated seed corn and 92,241 bushels of hybrid seed corn were processed compared with 201,000 bushels of open pollinated seed corn and 96,000 bushels of hybrid seed corn produced in 1942.

7. *The Strawberry and Raspberry Scheme:*

Some 600 growers sold 1,705,539 quarts of strawberries valued at \$278,984.65 and 267,016 quarts of raspberries valued at \$73,453.75 for processing in 1943. This compares with 1,590,584 quarts of strawberries valued at \$180,500.12 and 628,006 quarts of raspberries valued at \$114,153.03 sold for processing in 1942.

The 1943 minimum prices established by the Board after negotiations between growers and processors were 15c per quart on strawberries and 12c per pint on raspberries which included a Dominion subsidy on each crop of 3c per lb. (qt. equivalent of 20 oz.). Subsequently the Wartime Prices and Trade Board refused to concur in the Farm Products Control Board minimum strawberry and raspberry price Orders. Consequently the Orders were withdrawn and the market declared free and open. Processors actually paid 16.36c per quart average for strawberries and 13.75c per pint average for raspberries for processing in 1943.

8. *The Sugar Beet Scheme:*

Some 2,500 growers sold 66,312 tons of sugar beets with an average sugar content of 18.65% for a total value of \$766,556.08 for processing in

1943. This compares with 244,000 tons with an average sugar content of 15.4% for a total value of \$1,927,600.00 sold for processing in 1942.

The minimum average price (16% beet) in 1943 was \$10.00 per ton giving effect to the benefit of the Dominion excise tax reductions and including the Ontario subsidy of 55c per ton.

General:

As reported a year ago the operations of the Farm Products Control Board were necessarily curtailed and its authority limited following the establishment of the Wartime Prices and Trade Board. This was inevitable under Section 2 (3) P.C. 8528 (Dominion) which provides that no properly constituted authority, Dominion or Provincial, by statute or regulation shall fix or approve any specific maximum or minimum price or mark-up-at which any goods or services may be sold, offered for sale or supplied except with the written concurrence of the Wartime Prices and Trade Board.

The Farm Products Control Board has co-operated with the Wartime Prices and Trade Board in every possible way and was able to obtain concurrence to all its 1943 minimum price orders excepting sour cherries, strawberries and raspberries as previously noted.

In conclusion the Board records that as of the end of the year there is under consideration with the growers concerned applications for a commercial corn marketing scheme, a hog marketing scheme and a pea, corn and green bean marketing for processing scheme. These are being studied and examined in the regular way (a) to determine whether each proposed scheme sets out a practical marketing program, (b) to determine whether the marketing of the crop is subject to effective regulation under the limitations of Provincial jurisdiction, and (c) if (a) and (b) are satisfied to arrange for a vote by ballot of the growers concerned to determine the majority in favour of the scheme being approved.

CREDIT UNIONS

The organization of Credit Unions in the Province of Ontario is authorized by "The Credit Unions Act", approved by the Ontario Legislature, 1940. This Act also rescinded The Co-operative Credit Societies Act, 1922, and The Credit Unions Amendment Act, 1939.

The purpose of Credit Unions is to promote thrift amongst their members and to create a source of credit for provident or productive purposes for them at reasonable rates of interest. Their membership is limited to well-defined groups having a common bond of occupation or association, or to groups within a well-defined neighbourhood or community.

Since the approval of The Co-operative Credit Societies Act, 1922, and up to December 31st, 1943, 174 Ontario Credit Unions have been incorporated, of which 163 are in operation, one Credit Union has been dissolved, and ten Credit Unions have had their certificates of incorporation cancelled. During the fiscal year just ended 43 Credit Unions were incorporated.

A summary of credit union charters issued, voluntary dissolutions and cancellations of charters year by year is as follows:

<i>Year</i>	<i>Credit Union Charters Issued</i>	<i>Credit Union Charters Cancelled</i>	<i>Credit Unions Dissolved</i>	<i>Credit Union Charters Outstanding as at Dec. 31</i>
1928.....	1	.....	.....	1
1929.....	6	.....	.....	7
1930.....	8	.....	.....	15
1931.....	8	.....	.....	23
1935.....	2	.....	.....	25
1936.....	1	.....	.....	26
1937.....	.....	.....	1	25
1940.....	41	9	.....	57
1941.....	26	.....	.....	83
1942.....	38	.....	.....	121
1943.....	43	1	.....	163

A classification of operating Credit Unions as to types of membership at December 31st, 1943, is as follows:

<i>Description</i>	<i>Number Operat- ing</i>	<i>Total Assets</i>	<i>No. of Members</i>	<i>No. of Borrowers</i>
ASSOCIATIONAL:				
Co-operative	12	\$ 38,238.76	805	215
Racial	15	304,356.21	1,921	1,043
Religious	33	1,550,211.80	6,799	1,555
Miscellaneous Associations.....	4	17,633.97	302	78
OCCUPATIONAL:				
Educational	3	23,615.38	384	94
Government—				
Federal	6	506,411.18	4,777	1,884
Municipal	3	244,104.52	2,414	1,511
Industrial—				
Cleaners and Dyers.....	1	7,240.29	77	48
Machine Manufacturers.....	4	25,737.62	1,231	680
Metals—Iron and Steel.....	4	99,773.99	1,541	704
Other	3	12,507.52	526	204
Motor Vehicles.....	5	162,222.21	1,689	881
Printing	4	38,829.40	448	285
Public Utilities—Light, Heat, Power	2	14,684.20	317	135
Telephone	4	35,815.58	966	397
Pulp and Paper.....	2	18,423.76	460	177
Rubber	2	12,526.92	457	194
Transportation—Railroad	5	48,890.09	1,426	710
Street Car and Bus	6	44,004.67	903	438
Twine Mills.....	2	72,659.61	388	86
Miscellaneous—Office	1	2,256.38	57	17
Industrial	8	13,127.95	842	239
RESIDENTIAL:				
Rural Community.....	19	59,730.23	1,404	210
Urban Community.....	15	130,787.26	2,548	922
Total	163	\$3,483,789.50	32,672	12,707

Section 46 of The Credit Unions Act requires all Credit Unions organized thereunder to make reports to the Department at least annually, and pursuant to this provision the Inspector of Credit Unions has caused annual returns to be rendered not later than March 1st in each year.

*A consolidated statement of the assets and liabilities of all Ontario Credit Unions in operation December 31st, 1943, is as follows:

ASSETS		LIABILITIES, RESERVES AND EQUITY	
Cash on hand and in bank	\$ 378,140.72	Accounts Payable	\$ 29,207.91
Loans:		Dividends Declared and Unpaid	22,136.08
Personal	\$1,173,941.05	Miscellaneous	57,247.88
Mortgage	684,291.64	Reserves:	
	1,858,232.69	Educational	\$ 249.24
Investments:		Sundry Other	42,708.44
Bonds and Stocks	\$1,162,053.61		42,957.68
Other	42,476.00	Members' Equity:	
	1,204,529.61	Shares Paid-up	\$1,354,713.56
Furniture and Fixtures	2,067.91	Members' Deposits	1,722,510.73
Sundry Other	40,818.57	Guarantee Fund	216,760.73
		Undivided Earnings	38,254.93
			3,332,239.95
	<u>\$3,483,789.50</u>		<u>\$3,483,789.50</u>

*Owing to the inadequacy of information in some returns and inaccuracy in others it has been necessary in the above consolidation to act upon arbitrary assumptions which may have led to error.

A consolidated profit and loss statement together with the appropriation of earnings after expenses of all Ontario Credit Unions for 1943 is as follows:

PROFIT AND LOSS STATEMENT

EXPENSE		REVENUE	
Rent, Light and Heat	\$ 3,538.97	Interest from Loans and Investments	\$ 164,356.42
Office Salaries	31,789.73	Fines	94.25
Office Expense	15,271.48	Profit from Sale of Securities	1,392.29
Advertising	814.19	Entrance Fees	4,027.74
Other Expenses	6,231.27	Sundry Other	3,704.20
Sundry Other	11,084.91		
Total Expense	\$ 68,730.55		
Balance to Appropriation	104,844.35		
	<u>\$ 173,574.90</u>		<u>\$ 173,574.90</u>
APPROPRIATION			
Guarantee Fund	\$ 23,133.77	From Profit and Loss Statement	\$ 104,844.35
Interest on Deposits (Includes Sundry Other Interest)	34,820.28		
Dividends on Shares	36,803.96		
Special Reserves	611.48		
Undivided Earnings	9,474.86		
	<u>\$ 104,844.35</u>		<u>\$ 104,844.35</u>

A classification of credit unions by assets as of December 31st, 1943, is of interest. It would be expected that with so many recently organized Credit Unions the great majority would as yet have relatively small holdings. Nevertheless a considerable number have already built up substantial assets.

42	Credit Unions have assets not exceeding \$1,000		
26	" " " " exceeding	\$1,000 but not exceeding	\$2,500
25	" " " " " "	" " " "	\$5,000
25	" " " " " "	" " " "	\$10,000
28	" " " " " "	" " " "	\$25,000
6	" " " " " "	" " " "	\$50,000
5	" " " " " "	" " " "	\$100,000
3	" " " " " "	" " " "	\$250,000
2	" " " " " "	" " " "	\$500,000
1	" Union has " "	" " " "	\$500,000

Operations of Ontario Credit Unions during 1943 reflected economic changes incident to mobilization of the country's resources for war. While the movement continued its rapid growth of the previous three years, individual loans to members decreased and the Credit Unions increased their investments in war securities and other types of assets.

Among the outstanding features of the past year was an increase of 8,973 in Credit Union membership, an increase of 3,661 in the number of borrowers, an increase of \$367,369.78 in paid-up shares and of \$406,995.75 in deposits, an increase of \$556,870.06 in the amount loaned during the year to a total of \$2,426,472.59, and an increase of \$838,328.99 in total assets compared to 1942. This substantial progress was made despite necessary war-time dislocations to both the rural and urban population. The continuous campaign to invest regularly in War Savings Certificates and Stamps and the special Victory Loan Campaigns also combined to divert substantial sums to Dominion Government war securities. Regardless of the many uncertainties under present conditions, however, all indications point to a continuation of the same steady growth which has characterized the Credit Union movement in Ontario during the past four years.

In addition to financing the purchase by their members of Victory Bonds in substantial amounts, Ontario Credit Unions have purchased since the declaration of war \$528,050.00 Dominion of Canada War Loan and Victory Bonds out of reserve funds. The purchase of such securities, particularly for Guarantee Fund accounts, cannot be too highly commended. Even though a Credit Union's primary responsibility lies in the personal loan field, present war conditions amply justify total guarantee funds and even up to ten per cent of total assets being invested in war securities.

An increasing number of Ontario Credit Unions are carrying Loan Protection Insurance and Life Savings Insurance through the Ontario Credit Union League Limited, for their members with the *Cuna Mutual Insurance Society, the premiums for which are paid by the Credit Unions on behalf of their members out of earnings. While not a cash dividend, such protection is one of the finest patronage dividends possible and is much more important to the average Credit Union member than payment of a cash dividend which would be inevitably small.

Bad debts charged off during the year totalled \$92.67, or less than 5/1000ths of one per cent of the total amount loaned.

Credit Union operations are gradually extending across Ontario and thereby holding an increasingly important position in the economic life of the Province. As at the close of the last calendar year, Credit Unions were operating in the following fifty-six Ontario cities, towns and villages in the number indicated:

Barrie	2	Kitchener-Waterloo	1	St. Bernardin	1
Bracebridge	1	Lafontaine	1	St. Pascal Baylon.....	1
Clarence Creek.....	1	Lansing	1	Sarnia	2
Collingwood	2	Limoges	1	Stratford	1
Combermere	1	London	2	Timmins	2
Corbeil	1	Madawaska	1	Toronto	59
Cormac	1	Maynooth	1	Wareham	1
Corunna	1	Mount Forest.....	1	Welland	2
Dayton	1	New Toronto.....	1	Wendover	1
Douglas	1	Niagara Falls.....	1	Westmeath	1
Earlton	1	North Bay.....	1	Whitby	1
Eastview	1	Norwich	1	Wilberforce	1
Eganville	1	Orangeville	1	Windsor	12
Fort William.....	2	Ottawa	7	Woodslee	1
Gravenhurst	1	Park Head.....	1	Woodstock	1
Hamilton	24	Pembroke	1	Wylie	1
Huntsville	1	Penetanguishene	1		
Kapuskasig	2	Peterboro	2	Total.....	163
Xenora	1	Port Elgin.....	1		
Kirkland Lake.....	1	Ruby	1		

The Ontario Credit Union League Limited, incorporated in 1942, extended its services during 1943. In that year forty Credit Unions became members of the League, so that at December 31st, 1943, the League represented 108 Credit Unions with some 16,000 members.

The League carries on educational work throughout the Province, principally through its official organ, Ontario Credit Union News, published monthly at Toronto. This is supplemented by the publication of pamphlets and leaflets which are distributed widely throughout the Province, and by the educational work of local Credit Union Chapters in Toronto, Hamilton, Windsor and Barrie. Assistance is given to newly organized Credit Unions in setting up their bookkeeping records and also to groups wishing to organize a Credit Union.

* Cuna Mutual Insurance Society, Madison, Wis., is a mutual insurance company wholly owned by the Credit Unions of the United States and Canada and their members who take advantage of its services. The Society is licensed to do business in the Dominion of Canada and the Province of Ontario by the respective Departments of Insurance concerned. The Society has deposited with the Receiver-General, Ottawa, the sum of \$100,000, on the same basis as any other foreign life insurance company licensed to do business in Canada, as a guarantee that its Canadian obligations will be met.

CROPS, SEEDS AND WEEDS BRANCH

SEED GRAIN

As a result of excessive rainfall during the Spring and early Summer months the poorest crop on record was harvested in 1943. This Branch assisted in meeting the emergency caused by late seeding and drowning out by locating seed of early maturing varieties of oats and barley, corn, soy beans, grain, millet and buckwheat. Radio broadcasts and news letters were prepared giving suggestions regarding recommended crops; lists of seed for sale were given wide distribution and assistance was given in locating several hundred bushels of buckwheat in New Brunswick. It was apparent during the summer months that we would not have sufficient seed for our 1944 requirements, therefore, a "Seed for 1944" programme was organized in September under the direction of this Branch. The co-operation of Crop Improvement Associations, seed cleaners, grain and seed dealers was solicited in providing sufficient high quality seed of recommended varieties for local requirements. A paid advertisement appeared in the press urging farmers to make arrangements early for their 1944 seed supply; an educational programme was carried on during the Fall, Winter and early Spring months by means of the press, radio and meetings. Contacts were made between buyer and seller, seed fairs, seed displays and seed sales featuring seed for sale were held in many counties and 12 lists of seed for sale were prepared and given wide distribution. As a result of this programme many farmers saved sufficient 1942 seed for their 1944 requirements. Surpluses were cleaned, graded and offered for sale as seed. Many requiring seed made arrangements early and several carloads of registered and certified seed were brought in from Western Canada including 30,000 bushels of registered Ajax Oats, an early stem rust resistant variety which did particularly well in the Province in 1943.

SEED CLEANING PLANTS

One hundred seed cleaning plants have been subsidized by the Department of Agriculture through this Branch to the extent of \$250.00 each. During the year 1,160,288 bushels of grain were cleaned for seed, also

4,979,612 pounds of forage crop seeds. Seventeen thousand six hundred and ninety-nine farmers were served by these plants. New plants were installed during the year under this policy at Stayner, Clarksburg, Maple Hill and Magnetewan.

LIME SUBVENTION POLICY

Assistance was given with the payment of freight on 102 cars of agricultural limestone. Under this policy railway companies reduce the freight on carload shipments by 25% and the Department of Agriculture pays 50% of the remaining freight not to exceed \$1.00 per ton. Total tonnage on which freight was paid—3,516. Total expenditure \$2,726.30.

ADMINISTRATION OF WEED CONTROL ACT

The labour situation, and gasoline and rubber restrictions have made it extremely difficult to make progress in the control of weeds. Information and supplies were forwarded from this Branch to nine hundred and fifty-six Municipal Weed Inspectors. One-half day County Weed Meetings were held during the month of June for the purpose of acquainting Weed Inspectors regarding their duties and eight District Weed Inspectors were appointed to assist in the administration of the Weed Control Act. A field man was appointed to closely watch the Dodder situation in Glengarry County and seven fieldmen made a two-day survey of 547 acres in this area known to be infested with Dodder. The weed was destroyed by spraying where and when found. A weed control programme for the post-war period is at present being considered.

SPRAYING DEMONSTRATIONS

It is recognized that spraying is the most practical and economical method of controlling roadside weeds. However, wartime conditions have made it difficult to obtain chemicals, sprayers and labour to do the work, therefore, our programme of controlling weeds by this method has been curtailed considerably. Approximately 1,200,000 pounds of Stephen Weed Killer and Atlacide were used during the year. Assistance was given to municipalities and counties in pooling their chemical requirements, in the purchase and care of sprayers and in their spraying operations. In order to encourage the use of chemicals as a means of weed control during the post-war period the Department of Agriculture through this Branch agreed to conduct spraying demonstrations on county and municipal roads at no cost to owners. Seventeen such demonstrations were conducted during the year. A number of spraying demonstrations were also undertaken on Field Bindweed, Poison Ivy, Perennial Sow Thistle, Leafy Spurge, Barberry, etc.

REGISTRATION OF THRESHING MACHINES

During the year 7,412 threshing machines were registered. Revenue from this source was \$4,293.00. A "Smut Control" poster was sent to each thresher with his registration certificate. A grant of \$200.00 each was given to the Ontario Brotherhood of Threshermen and the Eastern Ontario

Brotherhood of Threshermen. A representative of the Department of Agriculture attended the annual meeting of both organizations.

GRAIN AND POTATO CLUBS

This Branch in co-operation with the Plant Products Division of the Federal Department each pay \$1.00 per entry shown on Achievement Day up to a maximum of \$20.00 from each Department to each Club providing a sponsoring organization will pay \$1.00 per entry. Show ribbons for the awards are supplied and assistance given in providing prize money for Provincial Inter-Club Competitions. Expenditure during the year amounted to \$737.10.

NORTHERN ONTARIO SEED PURCHASING POLICY

This Branch had charge of the purchase of seed for Northern Ontario. All seed purchased graded in accordance with the Canada Seeds Act. Distribution of seed was taken care of by Agricultural Representatives in their respective districts. The following is a brief statement of the number of settlers who received seed, quantity of seed purchased and expenditure:

Number of settlers who received seed.....	427
Cost of seed.....	\$8,577.02
Cost of distribution.....	635.15
Total cost.....	9,728.50
Amount of cash received.....	5,971.25

POTATO IMPROVEMENT

The programme of potato improvement work during the past year was most gratifying. An objective of 10% increase in potato production for Ontario was set early in the season. Growers were not urged to increase acreage, but rather increase quantity and quality per acre by use of good seed, improved cultural methods and care of the growing crop. Backward weather conditions at planting time, together with scarcities and high costs of seed, machinery and labour, were factors responsible for a reduction in provincial potato acreage which was finally estimated at 116,000. Improvement in specialization of the crop, together with favourable weather conditions during the summer and early fall months, brought about increased yields per acre with marked improvement in quality. The average yield was estimated at 108 bushels per acre, amounting to ten bushels per acre above that of 1942.

In 1938 eight cases of Bacterial Ring Rot, a very infectious and destructive potato disease, were reported in Ontario. Apparently the disease was gradually on the increase as eighty-seven cases were reported in 1942. Realizing the seriousness of the situation, regulations were drafted and later approved by Order-in-Council, giving authority under The Plant Diseases Act to take action where the disease was found in fields or warehouses.

From 902 fields inspected, 157 were found infected and dealt with under the Act. This involved approximately 1,200 acres of infected potatoes for which assistance was given in finding suitable outlets for the crop, locating

favourable supplies of new seed and generally in cleaning up the disease on these farms by disinfection and efficient sanitary measures. Subsidy amounting to one-half the cost or four cents per bag was paid on paper bags used for the proper disposal of infected crops. Total subsidy paid amounted to \$652.60. Most growers co-operated in an excellent manner, but it was necessary to proceed with court action in two cases, both of which brought favourable decisions and results for the Department. In cases where the disease was found in carload shipments from outside the province the regulations were also enforced.

Upon representation to Services Administration, W.P. & T.B., trucking permits were granted to legitimate truckers allowing them to operate beyond the thirty-five-mile limit. Each application was personally investigated by the Department and recommendations made accordingly. As the operating season progressed favourably, additional gasoline allowances were secured for several truckers. Forty-three applications were granted.

Considering the difficulty experienced by potato growers in securing suitable labour-saving machinery, a survey was made and followed by representation to the Machinery Administration, W.P. & T.B., for increased supplies. The following quota was obtained for 1944:

Potato planters.....	150%	Power potato dusters.....	300%
Potato diggers.....	150%	Traction sprayers or dusters.....	95%
Power potato sprayers.....	95%	Hand sprayers or dusters.....	83%

Percentage based on average 1940-41 sales.

In the case of power dusters, they were granted upon approval of the Department, each applicant providing evidence to care for a minimum of 50 acres. Forty new potato pickers were secured.

Increased attention was given to encourage growers to operate machines on custom and co-operative plans for planting, spraying, dusting and digging. These plans are becoming increasingly popular. For instance, 17 groups operated to dust on a custom basis in 1943. One hundred and fifteen additional new machines have been made available for growers in 1944, most of which will be used on a custom basis. Likewise, several new groups have organized to operate power sprayers on a co-operative basis.

Assistance was given in organizing and completing two 500-bushel clubs during the 1943 season. Eight clubs were organized for 1944.

Information was widely distributed to inform growers and dealers of the subsidy provided for new potatoes during the months of July and August. Likewise price ceiling regulations were interpreted in simple language and the information given wide distribution beginning early in September. Timely information was also provided with regard to yields and market prospects.

The full day's provincial potato meeting on the first day of the annual convention of The Ontario Crop Improvement Association was the most successful ever held. There was an average of more than 400 at all sessions. Several growers displayed individual samples of seed for sale. Two county groups put on excellent displays and lists of seed for sale were given wide distribution.

Active interest was given to locating suitable seed supplies for growers, and making contacts between buyers and sellers for both seed and table stock. An unusually keen demand prevailed early in the season and much stock changed hands. Farmers in one district alone, having purchased more

than twelve carloads of seed. A few carloads of seed from Northern Ontario were also sold in the older part of the Province. Practically all available seed produced was sold as such, which should very materially influence the quality of potatoes grown on Ontario farms during future years.

An extensive list of more than 1,500 potato growers' names and addresses throughout the Province was compiled. These growers were sent periodic and timely items of special interest and value. In addition, correspondence amounted to 1,064 letters sent.

There was a keen demand to attend and address meetings, also judge at seed fairs, crop competitions, etc. More than one hundred meetings were attended, many of which were addressed or some part taken in discussion.

Approximately forty timely articles were prepared for publication and released for press and radio. Two radio broadcasts were given and arrangements made for two other broadcasts on the subject of potatoes.

The value of the 1943 potato crop in Ontario was estimated at \$17,143,000.00 which is almost five million dollars more than in 1942.

ONTARIO CROP IMPROVEMENT ASSOCIATION

Two County Crop Improvement Associations were organized during the year making a total of 50 Branch Associations. The activities of this Association were administered by this Branch. The biggest and most successful Annual Convention in the history of the Association was held February 7-10. Twenty-five thousand copies of the addresses which were presented were printed in bulletin form and given wide distribution. A seed display was held in connection with the convention. The following is a brief summary of the activities of the Association during the year:

Cereal variety demonstrations.....	78	
Cereal variety and fertility demonstrations.....	34	
Introduction of seed of recommended varieties.....	21	
Hybrid corn demonstrations.....	161	
Potato dusting and spraying tests.....	288	
Fertilizer and lime demonstrations.....	14	
Hay and pasture mixtures.....	22	
Pasture Improvement projects.....	18	
Renovation of unploughable pastures.....	3	
Summer pastures.....	30	
Tripod curing of hay.....	2	
Soy bean demonstrations.....	30	
Weed control demonstrations.....	1	
Miscellaneous projects.....	57	
Total number of projects.....	135	
Total number of co-operators.....	793	
Total acreage under projects.....	1,478	
Total number of fairs, displays and sales.....	42	
Exhibitors	877	
Entries	2,312	
Attendance	7,767	
Cereals offered for sale.....	173,836	bushels
Forage crop seeds offered for sale.....	61,344	pounds
Potatoes offered for sale.....	16,900	bags

A definite step forward was taken during the year in pasture improvement. The Department in co-operation with The Ontario Crop Improvement Associations agreed to purchase sufficient seed and fertilizer for 4-5 acre pasture plots per county and district, total acreage per county or district sown to the improved mixture not to exceed 20. A check plot not less

than 3 acres in size to be sown to the mixture generally sown on the farm. Fertilizer to be applied at rate of 200 pounds per acre to the demonstration plots. This project has been undertaken in every county in Southern Ontario and every district in the North with one exception. Total number of co-operators 188. Total acreage sown to recommended pasture mixture 845½. The purchase of seed and fertilizer for this project was undertaken by this Branch.

GENERAL CROP IMPROVEMENT PROGRAMME

A representative assisted with the activities of the Dominion-Provincial Committee on Increased Production of Field Root and Garden Vegetable Seed, and accounts for one-half the seed and seed roots purchased by the Committee were paid by this Branch.

Tests with seed treaters were continued during the year with the object of improving the efficiency of the machines being offered. As a result of these tests, which have been carried on for the past 4 years under the direction of this Branch, we are now in a position to recommend a seed treater which is safe from a health standpoint and satisfactory in so far as seed coverage is concerned.

First class mail forwarded during the year 4,700 letters, second class mail 214,610.

Timely news articles on crop production, seed cleaning, weed control, etc., were forwarded to the press from time to time during the year and nine radio broadcasts were prepared for presentation on C.B.L.

Assistance was given to York Crop Improvement Association with their Barberry Eradication Programme. Our sprayer was used. Assistance was given with the purchase of chemicals and one of our men supervised the spraying operations.

Our activities during the year also included regular office routine, assistance on various committees, judging field crop competitions, fall fairs and seed fairs, preparation and distribution of various mimeographed articles, pamphlets and bulletins in connection with crops, seeds and weeds, preparation and setting up of displays at seed fairs and crop meetings and assistance with a general crop improvement programme throughout the province.

PROVINCIAL ENTOMOLOGIST

The Provincial Entomologist is also Acting Head of the Department of Entomology at the Ontario Agricultural College.

RESEARCH AND EXPERIMENTAL WORK

The heavy extension and regulatory programme of the Provincial Entomologist, who is without officially appointed entomological assistants, makes it necessary to have research and experimental work carried on by

members of the staff of the Entomological Department of the Ontario Agricultural College. This staff is under the guidance and supervision of the Provincial Entomologist.

EXTENSION

Spray Service Supervision

In co-operation with the Department of Botany of the Ontario Agricultural College, this work was continued as in previous years. Spray service circulars with directions for each spray application were prepared jointly and sent at the proper times to all commercial orcharding areas of Ontario outside the Niagara Peninsula.

Japanese Beetle

The details in connection with this insect are given in the report of the Department of Entomology, Ontario Agricultural College. The Provincial Entomologist, however, co-operates in active participation in the control and survey programmes for this insect which are carried on by the Dominion Department of Agriculture, the Ontario Fruit Branch and the College Department of Entomology.

Personal Visits

Because of greatly restricted gasoline and rubber supplies, these were reduced in 1943 to a minimum consistent with obtaining first hand knowledge of insect conditions pertaining to major crops throughout the province.

Miscellaneous

Fruit, vegetable, field crop and gardeners' meetings were addressed on timely topics in many parts of the province throughout the year. Press bulletins were prepared on insects of special importance and forwarded currently to the press of the province and the agricultural representatives.

The information on currant and gooseberry insects was brought up to date in connection with the revision of the bulletin dealing with these crops by the Vineland Experimental Farm.

The preparation of monthly reports in connection with insect pests generally throughout the province was continued in co-operation with the Statistics and Publications Branch.

Co-operative extension work was continued with the Dominion Field Crop and Garden Investigations personnel in connection with white grub control. Circulars were prepared jointly and distributed to agricultural representatives in areas of white grub abundance.

The Ontario Spray Calendars were revised in co-operation with the Botanical Department, Ontario Agricultural College, the Ontario Fruit Branch and the Dominion Department of Agriculture. These revisions, as in previous years, are based on experimental results and orchard observations obtained during the year.

The conferences on estimate preparation in co-operation with the Pesticides Requirements Committee of the Dominion Department of Agriculture were necessitated again by reason of the effect of war conditions upon available insecticide supplies.

There has been a considerable increase in correspondence throughout all of the past year. Normally correspondence from farmers, orchardists, and small scale growers drops off to some extent during the winter months, but it is of interest to note that a heavy correspondence has been maintained throughout this period of the current year.

REGULATORY DUTIES

The Provincial Entomologist is charged under the Director of the Fruit Branch with the supervision and enforcement of the Plant Diseases Act and its Regulations. The Regulations pertain to corn borer, peach yellows and little peach, "X" disease of peach, Oriental fruit moth, nursery inspection, nursery stock fumigation, apple maggot, sugar beet nematode and black knot. Considerable time is spent by at least one member of the staff of the Entomological Department of the Ontario Agricultural College in assisting with the regulatory duties of the Provincial Entomologist.

European Corn Borer

Seventy-two inspectors and assistant inspectors worked during the spring of 1943 in connection with the enforcement of corn borer clean-up regulations. Twenty-one counties of Pelee Island comprised the territory from Essex to Northumberland in which the clean-up regulations were in force.

A very short time was spent on fall inspection, chiefly in the counties of Kent and Essex where the bulk of the husking corn of the province is produced. The extremely wet fall of 1942 and the wetter spring of 1943 made the enforcement of clean-up regulations for corn borer control the most difficult that has occurred since the regulations were brought into force in 1926. Added to this there was the problem of acute shortage of help, with the result that a considerable acreage of corn refuse was not satisfactorily disposed of. With these conditions occurring it was anticipated that corn borer infestation would increase to an alarming extent.

While there was a big increase in stalk infestation by corn borer, it was not as great as had been anticipated. A good percentage of the acreage planted was quite late, with the result that early fields here and there on land which was well drained concentrated the infestation by this insect. Increases in average stalk infestation varied all the way from 25% in some counties to greater than 100% in others. In no case, however, was serious commercial damage noted.

The fall season of 1943 was by contrast with the previous year such that fall work was completed in many cases, thus permitting a considerable acreage of corn refuse to be satisfactorily disposed of. The mild type of winter experienced early in the 1943-44 season permitted further clean-up work to be done by breaking off and burning corn stalks. As a result the residue requiring attention in the spring of 1944 is much smaller than was the case in the spring of 1943.

Sweet corn in a number of cases, notably Norfolk County, was heavily infested in 1943 and caused some comment amongst consumers of table corn. Canning corn was not seriously affected by the increased borer population except in the early packs of this crop.

While the ploughing of corn stubble less than 8 inches in length was

optional, inspection showed that the majority of stubble was ploughed under and handled almost as satisfactorily as would be the case were such corn refuse required to be ploughed by regulation.

Peach Yellows and Little Peach

Eleven inspectors in nine municipalities were appointed for the enforcement of regulations in connection with peach yellows and little peach. As a result of the heavy mortality of peach trees caused by the lethal low temperatures experienced during the winter of 1942-43, the work of these inspectors was considerably increased and in many cases it was not possible to make satisfactory diagnoses of the causes of abnormal conditions in trees. This state of affairs will undoubtedly obtain during the next two or three years since injured trees are likely to die off during that period. This will mean that actual figures for these two diseases will be difficult if not impossible to obtain during that period.

"X" Disease or Red Virosis of Peach

Following the considerable reduction in the number of trees showing "X" disease infection in 1942, there was probably a further reduction in 1943. It is difficult, however, to state with any assurance that such was the case because it was impossible to be sure whether "X" disease was present or whether the tree was showing an abnormal condition as a result of winter injury. The same staff that is hired for peach yellows and little peach inspection is responsible for the enforcement of "X" disease regulations.

Nursery Inspection

Because of the shortage of satisfactory male student inspectors in 1943, a new departure in inspection services was followed. This entailed the use of girls recruited from the undergraduate ranks of Ontario universities. These inspectors were originally registered with the Ontario Farm Service Force and through the co-operation of this organization 5 inspectors were secured. In all 106 nurseries were inspected, although 29 of these were discovered to be inoperative during 1943. In the 77 nurseries operating as such and selling stock 1,090,243 units of stock were inspected. Of these 650 units were discovered infested by San Jose scale. A complete total of fire blight infestation was not possible since infection by this disease shows up later in the season and consequently some of the earlier inspected nurseries could not be satisfactorily checked for the presence of this disease other than where the previous year's infection occurred. From the records secured there was relatively little of this disease in most Ontario nurseries in 1943.

The experiment in the change-over in the type of inspection proved to be an outstanding success and conscientious, careful work was done by the five inspectors employed.

Nursery Stock Fumigation

A smaller number of fumigations was required in 1943 since a number of nurseries are so short-handed that they have discontinued the production of fruit trees and consequently have stopped their sales of such nursery material to Nova Scotia. It is probable that considerably less nursery stock went out of the province to Nova Scotia than has been the case for a number of years. Nova Scotia is the only province requiring a certificate of fumigation with nursery stock entering from Ontario.

Apple Maggot

As a result of the indicated increase in apple maggot infestation shown by the fall inspection of 1942, despite the acute shortage of personnel a cross-section inspection was carried on in Ontario in 1943. It was impossible, however, to carry on summer inspection of the orchards and thus to supervise the apple maggot spray applications.

Spray service letters as in previous years were sent out for each of the apple maggot applications, thus each commercial orchard owner was notified at the proper dates regarding the recommended spray materials for the control of this insect.

The cross-section survey was, as in previous years, carried out by members of the Provincial Fruit Branch and the Provincial Entomologist, with assistance from the Plant Protection Division and the Division of Entomology of the Dominion Department of Agriculture. In comparison with 1942 there was a very large increase in the number of orchards infested by apple maggot in 1943. The percentage increase was from 43% in 1942 to 68% in 1943 of the commercial orchards in the province. Increases in infestation were general throughout all parts of the province and varied from 8.6% in the case of Northumberland to 67% in Hastings County. The conditions which contributed to this very significant increase in infestation were the extremely favourable weather for maggot development and egg-laying, the lack of care in applying apple maggot sprays, failure to apply the recommended number of sprays at the right times, and the increase in the numbers of old and neglected apple trees and hawthorn bushes within three to five hundred yards of commercial orchards. The last mentioned reason is probably primarily responsible for the occurrence of "light" infestations in many orchards during 1943. Despite this character of the infestation, such orchards had to be recorded as infested even though the insect was present in only a few apples of one variety in the orchard.

It is of interest to note that McIntosh was found infested in only 15 of the 212 orchards inspected and in only 3 of these instances was a heavy infestation recorded.

There is too much of an attitude amongst growers that because apples cannot be exported there is not the essential need to apply the sprays necessary to control apple maggot. Unless this tendency is curbed it may lead to a considerable decrease in the sale of apples to the Ontario consuming public, as well as preventing export when hostilities cease.

Sugar Beet Nematode

From 1939 to 1943 a total of 30 acreages with sugar beet nematode infestation has been recorded from the Blackwell district in Sarnia Township. Ten of these records were obtained in 1943, which represents an increase over all previous years. All beets from this area were shipped by railroad car to the Wallaceburg factory where the cars were washed out by means of a new wet hopper which had been constructed in the Wallaceburg factory yard. The situation in connection with railroad cars is not particularly satisfactory in that completely water-tight cars of both Canadian and United States origin are often the only ones available for loading beets. It is practically impossible to clean such cars adequately for safe disposal of nematode-bearing fruit. The question was taken up with the railroad companies but little satisfaction has up to the present been secured.

A new development in connection with sugar beet nematode in the pre-

cautionary area was discovered in the fall of 1943 in that carrots and table beets were also infested in the precautionary area. This has given rise to other difficulties in connection with the planting and marketing of these crops.

The reports of the inspector appointed in the precautionary area for sugar beet nematode regulation enforcement indicate that the growers are complying with the regulations. Waste water from the Wallaceburg wet hopper is now transferred to a settling basin, thus obviating the possibility of nematode spread through subsequent seepage of wash water to the river, as may have been the case in previous years.

Black Knot

Commercial plum and cherry orchards are now largely free from this disease. In the Niagara Peninsula the inspectors appointed for yellows, little peach and "X" disease regulation enforcement also make note of the occurrence of black knot in the areas where they work. Owners of such properties are then notified to take the necessary precautions to get rid of this disease. Outside of the Niagara Peninsula only two municipalities appoint inspectors for the enforcement of this regulation.

PROVINCIAL ZOOLOGIST

TUTORIAL—The courses in Zoology are arranged with a view of imparting to the student a broad knowledge of the subject. Particular attention is given in the Invertebrate Zoology course to impress upon the student a knowledge of the phyla concerned in Veterinary Parasitology. Hence a large part of the available teaching time in the second year course is devoted to the study of the protozoa, nemathelminthes, platyhelminthes and arthropoda. The third year course in Zoology is confined to the phylum chordata. In the Zoology laboratory course full time is devoted to study and dissection of specimens representative of the various phyla, with special emphasis on the classes and orders containing the domestic animal parasites.

The course "*Disease of Fur Bearing Animals*" has been arranged to cover all the known diseases of the carnivora, and herbivora that are used in fur production on Canadian ranches. The general fur ranching problems and disease prevention are fully covered in the course.

The course in "*Plant Toxicology*" also given by the Zoology Department, covers all known poison plants that grow in Canada and the Northern United States.

ROUTINE—Many specimens of fecal matter and tissues from silver foxes, mink, rabbits, sheep and swine were received and examined for the presence or absence of parasitic pests. Specimens of fish were also submitted to this department for determination of disease or naming. A number of samples of meat were received and examined to determine fitness for fur animal food. The scarcity and high price of horse meat have brought about a demand for other meats often of a doubtful or dangerous character. A circular was prepared during the year for distribution to fur animal ranchers, under the title "*The Utilization of Dead Animals*".

Autopsy Summary — Fur-Bearing Animals

	<i>Silver Fox</i>	<i>Mink</i>	<i>Nutria</i>	<i>Rabbit</i>
Parasitism	4	0	0	0
Pneumonia	4	12	0	1
Uraemia	1	5	0	0
Distemper	0	6	0	0
Avitaminosis	1	2	0	0
Food Poisoning	11	17	1	1
Gastric Ulcers	0	1	0	0
Coccidiosis	0	0	0	0
Neurobacillosis	2	2	0	0
Nursing Sickness	0	6	0	0
Heat Stroke	0	2	0	0
New Growths	0	1	0	0
Dystokia	0	1	0	1
Streptococcus	0	0	0	1
Bloat	4	0	1	1
Anemia	0	6	0	2
Enteritis	12	4	0	0
Dog Injury	0	0	0	1
Totals.....	39	63	2	8

The largest death loss in fur bearing animals during the year was caused by food toxemia. This is in keeping with the experience of the past years. Distemper outbreaks were limited to ranches located near towns and exposed to uncontrolled distemper carrying dogs.

Specimens of fecal matter were received from fur animal ranches for examination. Parasitic infestation is now largely limited to foxes and rabbits kept on ranches where wire floors are not used. A nematode infestation in the liver of mink was noted on one ranch where it had caused considerable loss. With rabbits infectious nasal catarrh proved to be as in former years, the most destructive rabbit disease. Coccidiosis is not longer a problem on rabbit premises where wire floor hutches have been installed and used. Much interest has been shown in rabbit husbandry. Over 500 letters of enquiry were received during the year. The possibilities of rabbit breeding in Ontario are not generally appreciated by many who are in a position to raise these meat, fur and wool producing animals.

The Fur Breeders' Conference

Assistance was given by this Department to the Directorate of the Ontario Fur Breeders' Association in the organization and carrying out of the programme of the Annual Conference relating to the fur breeding industry. The conference was held on the 7th and 8th of June, being attended by 250 fur animal breeders, most specialists in Silver Fox or Mink production. Full use was extended by the Veterinary College of all its facilities, helpful to the Fur Breeders of Ontario for their convention and throughout the year.

Elk Liver Fluke in Cattle

Cattle from the Burwash section in the district of Nipissing, were slaughtered in an abattoir located near Guelph, and found to be heavily infested with the large liver fluke "*Fasciola magna*". These infested cattle were in poor condition and are reported to have used the same range as an elk herd imported from Alberta in 1932.

Extension—Assistance was given to other branches of the Department when and where asked for. Investigation of animal losses in other sections of the Province were carried out to the extent that time and transportation facilities would permit.

ONTARIO FARM SERVICE FORCE

The Ontario Farm Service Force functioned throughout the year 1943-1944 and herewith are appended some of the statistics in connection with its work.

The Children's Brigade, which enrolls all girls and boys from 12 to 15 or 16 years of age, registered 30,000 boys, girls and teachers from the Public Schools; about 70% of these were farm boys and girls and the rest village and town children.

There were 25,000 Secondary School pupils working on farms—12,000 of them working for their Departmental Certificates. These 12,000 students were visited and their work checked by officers of the Ontario Farm Service Force.

During the 1943 season the Ontario Farm Service Force operated the following camps:

Six Government Boys' Camps.....	798 boys
Three Private Camps for Boys.....	210 boys
Twenty-three Government Camps for Girls.....	2,601 girls
Thirteen Private Camps for Girls.....	475 girls

Thirty-four girls acted as Japanese Beetle trap attendants and ten girls acted as Fruit Inspectors in co-operation with Professor Thompson of the Ontario Agricultural College. In addition to the placements in camps, 2,426 different individuals and 75 married couples or families were placed on individual farms.

Day-by-day service from the western end of Toronto was operated for fruit and vegetable growers and sent out 3,684 workers, with as many as 250 to 300 on a single day.

The Holiday Service Brigade, which enrolls men and women who give from one to five or six weeks of their holidays to work on farms, registered 350, but there is much evidence to show that there were many times more than that who went to friends and relatives to give their holiday time for farm work.

A crisis developed in the month of August with regard to the picking of apples in the Collingwood area. By special advertising campaign (spot radio announcements and newspapers) and by making contacts with a number of the Air Force Camps, it was possible to supply in the neighbourhood of 350 apple pickers from among farmers and farmers' sons who were through with their work and also from Air Force personnel who gave their 14-day leaves to the job.

There were organized in the Province of Ontario, through co-operation with Agricultural Representatives, National Selective Services offices and various Service Clubs and municipalities, 157 Commando Brigades, and from

the statistics gathered, it is estimated that 30,000 urban folk participated in this work.

As the month of August approached, some special advertising was done to encourage housewives to participate in canning operations in the canneries, and it is estimated that at least 1,500 women were secured for them. About 450 women were secured through the headquarters office alone. Also during the month of August a request was received for 200 extra men for the wineries in the Niagara Peninsula, and in co-operation with National Selective Service officers, these were secured from the tobacco area. The months of November, December and half of January were given to co-operation with National Selective Service in securing men from the farms who were available for two or three months' winter work. These men were directed to lumbering operations, feed mills and packing plants.

All of the officers of the Ontario Farm Service Force made contacts with the Air Force Camps in their areas, and through co-operation of the various Commanding Officers, the services of both men and women were secured for nearby farm operations. This assistance was secured at Trenton, Belleville, Mountain View, Toronto, New Toronto, Simcoe, Woodstock, Hagersville, London and other points. There are definite records of 1,475 members of the armed forces who participated.

CONTENTS

	Page
Ontario Agricultural College.....	5
Ontario Veterinary College	18
Kemptville Agricultural School.....	25
Horticultural Experiment Station, Vineland.....	30
Western Ontario Experimental Farm, Ridgetown.....	37
Demonstration Farm, New Liskeard	43
Statistics and Publications Branch.....	48
Agricultural and Horticultural Societies Branch	49
Live Stock Branch	55
Women's Institutes Branch	64
Fruit Branch	70
Dairy Branch	72
Agricultural Representative Branch.....	78
Milk Control Board of Ontario	87
Co-operation and Markets Branch.....	89
Farm Products Control Branch.....	89
Credit Unions	92
Crops, Seeds and Weeds Branch.....	96
Provincial Entomologist	101
Provincial Zoologist	106
Ontario Farm Service Force.....	108

Ontario Department of Agriculture

ANNUAL REPORT

OF THE

STATISTICS BRANCH
1944

PART I.—AGRICULTURAL STATISTICS

PART II.—CHATTEL MORTGAGES

PART III.—SUMMARY STATISTICS, 1882-1944

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 22, 1945



ONTARIO

TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1945

Ontario Department of Agriculture

Statistics Branch

PART I — AGRICULTURAL STATISTICS

The gross value of agricultural production in Ontario during the year 1944 is estimated at \$620,333,000. This is an increase of \$33,866,000 over the preceding year, and \$372,649,000 greater than in 1932, the low point of the depression. Largest gains were shown by field crops, tobacco, dairy products and farm animals. Field crops rose from \$181,434,000 to \$214,769,000, tobacco from \$18,104,000 to \$26,685,000, dairy products from \$110,859,000 to \$117,413,000 and farm animals from \$149,001,000 to \$152,793,000. Field crops are down from the high of 1942.

The gross value for all Canada of agricultural production is estimated at \$2,500,135,000 in 1944 as against \$2,243,984,000 in the preceding year, and \$766,794,000 in 1932.

GROSS VALUE OF AGRICULTURAL PRODUCTION IN ONTARIO, BY ITEMS, 1936 TO 1944

("000" omitted)

	1936 \$	1937 \$	1938 \$	1939 \$	1940 \$	1941 \$	1942* \$	1943* \$	1944** \$
Field Crops.....	166,284	149,100	131,569	156,115	149,479	181,479	219,910	181,434	214,769
Farm Animals....	74,890	87,792	85,355	90,402	104,529	125,369	141,054	149,001	152,793
Wool.....	533	593	376	517	753	657	797	866	834
Dairy Products...	54,122	55,491	58,288	57,094	64,602	77,109	103,847	110,859	117,413
Fruits, Vegetables..	18,053	18,507	20,926	21,365	21,888	30,140	33,466	54,674	39,282
Poultry and Eggs..	24,385	23,199	23,835	24,391	25,991	34,346	47,704	61,343	59,159
Fur Farming.....	1,131	1,351	1,136	1,173	1,248	1,217	1,384	2,038	2,115
Maple Products...	1,161	879	853	751	837	693	1,510	1,454	1,599
Tobacco.....	8,505	15,965	19,058	17,742	8,691	17,319	19,934	18,104	26,685
Flax Fibre.....	155	133	120	358	743	1,125	1,087	737	723
Clover, Grass Seed.	1,417	1,168	1,689	1,381	638	2,592	1,240	2,841	2,654
Honey and Wax...	1,062	753	1,190	960	943	1,332	1,553	3,116	2,307
TOTALS.....	351,698	354,931	344,395	372,249	380,342	473,378	573,486	586,467	620,333

GROSS VALUE OF AGRICULTURAL PRODUCTION IN CANADA, BY ITEMS, 1936 TO 1944

("000" omitted)

	1936 \$	1937 \$	1938 \$	1939 \$	1940 \$	1941 \$	1942* \$	1943* \$	1944** \$
Field Crops.....	612,300	556,222	550,069	685,839	676,682	683,889	1,179,415	1,134,399	1,288,058
Farm Animals....	184,121	227,091	197,600	218,385	268,679	339,305	398,316	475,821	542,717
Wool.....	1,861	2,049	1,565	1,827	2,703	2,571	3,283	3,761	4,106
Dairy Products...	137,769	144,860	154,550	145,883	164,132	206,543	283,125	313,359	336,131
Fruits, Vegetables..	48,678	54,354	57,095	56,804	58,463	69,494	77,254	100,262	89,857
Poultry and Eggs..	57,931	56,980	58,933	60,829	67,135	89,009	131,282	165,554	175,792
Fur Farming.....	6,532	6,802	6,476	5,793	6,143	5,539	7,158	9,417	9,284
Maple Products...	3,714	2,245	3,850	3,444	4,210	3,561	6,716	5,750	9,055
Tobacco.....	9,374	17,140	20,270	19,444	10,470	18,614	21,539	19,646	29,098
Flax Fibre.....	298	332	519	1,249	1,727	3,118	3,002	2,651	2,360
Clover, Grass Seed.	2,154	2,344	2,996	2,827	2,184	5,165	3,506	6,993	8,570
Honey.....	2,823	2,164	3,057	2,616	2,584	3,315	4,029	6,371	5,107
TOTALS.....	1,067,555	1,072,583	1,056,980	1,204,940	1,265,112	1,430,123	2,118,625	2,243,984	2,500,135

*Revised **Preliminary.

PRODUCTION AND SHIPPING POINT VALUE OF FRUIT IN ONTARIO,
AS COMPARED WITH 1943

	Year	Total Quantity	Average Value per Unit	Total Value
Apples.....	1943	Barrels 790,500	\$ c. 3.84	\$ 3,038,700
	1944	873,290	3.05	2,660,400
Pears.....	1943	Bushels 334,000	2.07	690,700
	1944	371,760	1.81	673,400
Plums and Prunes.....	1943	131,000	2.81	369,800
	1944	144,200	2.49	359,600
Peaches.....	1943	440,000	3.18	1,399,200
	1944	1,174,200	2.49	2,923,800
Cherries.....	1943	112,170	5.38	603,200
	1944	140,000	5.90	824,000
Strawberries.....	1943	Quarts 5,972,400	.200	1,199,500
	1944	4,678,150	.210	993,400
Raspberries.....	1943	4,997,800	.300	1,523,200
	1944	4,521,860	.310	1,410,800
Grapes.....	1943	Tons 26,000	63.50	1,651,000
	1944	28,670	79.42	2,277,000
Total Value.....	1943	.....	.....	9,675,000
	1944	.....	.....	10,475,300

PRODUCTION AND VALUE OF PRINCIPAL FARM CROPS, 1944

Field Crops	Acres	Bushels per acre	Production	Market Value	
				Total	Per acre
		bush.	bush.	\$	\$ c.
Fall wheat.....	668,000	31.3	20,908,000	22,790,000	34.12
Spring wheat.....	37,800	20.4	771,000	833,000	22.04
Oats.....	1,716,000	38.9	66,752,000	36,714,000	21.40
Barley.....	331,000	33.8	11,188,000	7,608,000	22.98
Peas.....	34,600	16.8	581,000	1,598,000	46.18
Beans.....	82,500	14.0	1,155,000	2,888,000	35.01
Rye.....	65,000	19.1	1,242,000	1,068,000	16.43
Buckwheat.....	141,000	23.6	3,328,000	2,496,000	17.70
Flax.....	23,600	10.1	238,000	440,000	18.64
Soy Beans.....	44,700	18.9	845,000	1,690,000	37.80
Corn (shelled).....	240,000	46.0	11,040,000	10,930,000	45.54
Potatoes.....	120,000	cwt. 70.9	8,508,000	15,082,000	125.68
Mangels.....	20,000	bush. 460	9,200,000	2,024,000	101.20
Turnips.....	39,000	434	16,926,000	4,062,000	104.15
Mixed grains.....	984,000	41.4	40,738,000	23,221,000	23.60
Corn (for silo), green.....	327,000	tons 10.14	3,316,000	11,606,000	35.49
Hay and clover.....	2,689,000	1.59	4,276,000	45,197,000	16.81
Alfalfa.....	789,000	2.58	2,036,000	22,844,000	28.95
Alsike.....	52,700	1.44	75,900	778,000	14.96
Sweet clover.....	183,000	2.10	384,000	2,573,000	14.06
Sugar beets.....	14,500	9.07	131,300	1,644,000	113.38
Totals 1944.....	8,602,400	.....	.....	218,086,000	25.35

THE WEATHER

TEMPERATURE.—The following table gives the temperature of the Province for each month during the last five years, together with the mean annual temperature for the six months, April–September, practically the growing season, together with the average for the five years, 1940-1944, and the sixty-three years, 1882-1944.

Months	1944	1943	1942	1941	1940	1940-1944	1882-1944
January.....	23.9	13.5	18.7	17.2	13.5	17.4	17.7
February.....	19.9	20.5	16.8	18.7	19.0	19.0	17.9
March.....	23.8	24.1	32.6	23.2	22.3	25.2	27.4
April.....	38.2	35.5	47.2	47.2	38.5	41.3	41.4
May.....	57.6	52.3	55.4	56.1	52.9	54.9	53.7
June.....	64.8	66.2	64.0	66.2	61.8	64.6	64.0
July.....	68.8	68.3	67.2	70.5	67.9	68.5	68.4
August.....	69.2	66.1	66.4	64.0	66.2	66.4	66.0
September.....	59.4	56.7	57.8	61.1	57.7	58.5	59.3
October.....	47.3	46.4	48.5	48.8	45.4	47.3	47.5
November.....	37.4	34.3	35.8	38.3	34.0	36.0	35.3
December.....	19.8	21.5	19.3	27.2	25.1	22.6	23.4
Annual Mean.....	44.2	42.1	44.1	44.9	42.0	43.5	43.5
Mean for six months April–September.....	59.7	57.5	59.7	60.8	57.5	59.0	58.8

The mean temperature for 1944 was 44.2 degrees or 2.1 above preceding year and 0.7 degree above the normal for the sixty-three years, 1882-1944.

The mean for the six months, April–September, was 59.7 or 2.2 degrees above the preceding year, and 0.9 above normal.

Eight months were above normal and three below. January had the greatest departure above normal with 6.2 degrees, and March the greatest below with 3.6 degrees.

SUNSHINE.—In the following the averages of sunshine are derived from the records of the weather stations at Woodstock, Toronto, Lindsay and Ottawa.

Months	Sun. above horizon	1944	1943	1942	1941	1940	1882- 1944	1882- 1944
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January.....	285.7	84.0	70.5	87.5	86.5	95.3	84.8	76.6
February.....	291.4	97.7	119.7	108.5	116.5	114.0	111.3	103.2
March.....	369.9	142.8	157.2	103.7	179.0	126.8	141.9	140.4
April.....	406.4	176.2	170.5	213.0	229.0	167.8	191.3	178.0
May.....	461.1	217.0	165.8	155.0	240.0	167.0	189.0	215.7
June.....	465.7	226.0	264.5	234.0	262.5	217.0	240.8	248.8
July.....	470.9	281.3	265.0	270.2	269.5	292.5	275.7	270.8
August.....	434.5	271.2	225.5	225.0	247.8	233.5	240.6	240.8
September.....	376.3	166.5	177.5	168.8	199.7	172.5	177.0	182.1
October.....	340.2	154.0	138.3	146.0	110.3	148.7	139.5	139.9
November.....	286.9	60.7	63.5	102.3	82.0	62.2	74.1	78.1
December.....	274.3	63.8	85.0	66.2	65.0	62.5	68.5	62.2
The year.....	4463.3	1941.2	1903.0	1880.2	2087.8	1859.8	1934.5	1936.6
For six months April-September.....	2614.9	1338.2	1268.8	1266.0	1448.5	1250.3	1314.4	1334.2

The year 1944 had 1941.2 hours of sunshine or 4.6 hours more than the average for the sixty-three years. The six growing months, April-September, had 1,338.2 hours or 4.0 hours above normal. Seven months were above normal and five below. August had the greatest departure above with 30.4 hours and September the greatest below with 22.8 hours.

The rainfall for the six months, April-September, comprising what is the growing season for most crops, is given in the following table covering the last five years, 1940-1944, and the normal for the sixty-three years, 1882-1944.

Months	1944	1943	1942	1941	1940	1940- 1944	1882- 1944
	in.	in.	in.	in.	in.	in.	in.
April.....	1.57	1.27	1.26	1.57	1.87	1.50	1.88
May.....	2.47	4.49	4.62	2.14	4.09	3.56	2.52
June.....	3.54	3.55	1.94	2.24	3.46	2.94	2.82
July.....	3.24	3.03	2.93	3.57	2.54	3.06	2.88
August.....	2.21	3.32	2.31	3.48	3.27	2.91	2.59
September.....	3.85	2.40	4.69	3.00	2.72	3.33	2.88
Total for six months...	16.88	18.06	17.75	15.90	17.95	17.31	15.57

The rainfall for the six months, April-September, was 16.88 or 1.18 less than preceding year, and in comparison with the sixty-three years 1.31 inches above. Three months were above normal and three below. September with 0.97 above and August with 0.38 below had the greatest departures during the growing season.

PRECIPITATION.—The fall of both rain and snow for the five winter months including November, 1944, and March, 1945, is given in the following table for five years, together with the average for the sixty-four years, 1882-1945. Ten inches of snow is equal to one inch of rain.

Months	1944	1943	1942	1941	1940	1940- 1945	1882- 1945
	in.	in.	in.	in.	in.	in.	in.
November, 1944:							
Rain	1.61	1.55	1.88	2.30	2.11	1.89	1.97
Snow	7.8	8.7	9.3	4.7	17.6	9.6	7.5
December, 1944;							
Rain	0.37	0.26	1.22	1.23	1.76	0.97	1.15
Snow	28.0	11.5	24.1	11.3	13.4	17.7	15.5
January, 1945:							
Rain	0.06	0.44	0.10	0.79	0.38	0.35	0.88
Snow	18.9	5.6	25.7	16.8	19.9	17.4	18.5
February, 1945:							
Rain	0.69	0.38	0.59	0.49	0.23	0.48	0.70
Snow	16.0	13.0	13.8	15.8	15.7	14.9	15.4
March, 1945:							
Rain	2.37	0.94	1.45	1.96	0.23	1.39	1.17
Snow	3.3	17.3	14.1	12.0	12.0	11.7	11.3
Five Months:							
Rain	5.10	3.57	5.24	6.77	4.71	5.08	5.87
Snow	74.0	56.1	87.0	60.6	78.6	71.3	68.2

The total amount of rainfall for the five months was 5.10 inches or 0.77 inch below the average for the sixty-four years, 1882-1945. The total amount of snowfall was 74.0 or 5.8 above normal.

TEMPERATURES, 1944

TABLE I.—Showing for each month the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario for 1944; also the annual mean for each station.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
January:										
Highest.....	47.0	61.0	57.0	56.0	55.0	52.0	45.0	45.0	40.0	44.0
Lowest.....	-6.0	8.0	1.0	1.0	8.0	0.0	-15.1	-21.0	-16.0	-30.0
Daily range.....	13.6	12.0	13.3	12.2	11.3	12.8	15.9	27.1	16.0	23.1
Monthly mean.....	25.8	30.0	28.6	26.4	30.6	29.8	22.1	14.7	16.4	14.4
February:										
Highest.....	42.0	55.0	46.0	46.0	47.0	47.0	41.0	40.0	38.0	38.0
Lowest.....	0.0	-8.0	-18.0	-12.0	-4.0	2.0	-15.0	-20.0	-23.0	-35.0
Daily range.....	13.0	12.0	15.2	14.6	12.9	14.1	17.8	21.7	39.0	31.9
Monthly mean.....	23.0	26.6	22.9	22.1	26.8	25.4	17.8	16.2	12.7	5.6
March:										
Highest.....	50.0	55.0	57.0	57.0	64.0	58.0	51.0	45.0	56.0	47.0
Lowest.....	-1.0	10.0	3.0	3.0	6.0	4.0	-16.1	-17.0	-10.0	-31.0
Daily range.....	14.5	6.6	15.0	13.4	12.6	13.2	16.9	20.3	16.2	29.0
Monthly mean.....	26.6	28.3	17.9	26.8	30.8	28.7	22.3	20.4	21.5	14.2
April:										
Highest.....	67.0	74.0	72.0	72.0	73.6	70.0	70.3	67.0	71.0	68.0
Lowest.....	18.0	17.0	19.0	12.0	16.0	22.0	15.9	4.0	17.0	-8.0
Daily range.....	16.1	16.2	18.0	17.0	14.6	14.6	21.7	23.7	19.4	28.1
Monthly mean.....	38.3	41.8	40.1	39.9	39.8	40.7	37.7	35.6	37.6	30.7
May:										
Highest.....	84.0	88.0	88.0	86.0	90.0	85.0	85.7	85.0	90.0	89.0
Lowest.....	29.0	37.0	37.0	38.0	33.4	39.0	28.5	24.0	28.0	22.0
Daily range.....	20.0	19.3	20.1	19.9	19.7	18.0	24.6	27.1	26.0	29.8
Monthly mean.....	56.4	62.0	60.2	59.8	52.5	60.0	58.6	52.3	60.4	54.3
June:										
Highest.....	94.0	99.0	95.0	92.0	93.0	92.0	93.5	94.0	95.0	94.5
Lowest.....	40.0	43.0	44.0	43.0	46.0	45.0	36.5	32.0	39.0	29.0
Daily range.....	20.1	18.7	21.8	19.3	19.5	18.0	22.0	24.7	21.6	28.7
Monthly mean.....	62.7	69.6	66.6	65.7	65.7	66.2	63.8	63.7	64.9	59.5
July:										
Highest.....	89.0	95.0	91.0	91.0	90.3	91.0	90.1	88.0	94.0	89.0
Lowest.....	46.0	48.0	46.0	46.0	51.8	54.0	45.5	41.0	43.0	36.0
Daily range.....	21.3	23.0	24.2	24.0	20.2	19.8	25.1	25.3	24.2	28.3
Monthly mean.....	67.8	72.5	69.5	68.8	71.4	71.3	67.5	65.6	70.6	63.4
August:										
Highest.....	96.0	96.0	95.0	92.0	96.3	96.0	95.5	92.0	100.0	91.0
Lowest.....	44.0	45.0	45.0	43.0	58.2	52.0	41.0	36.0	42.0	34.0
Daily range.....	23.8	20.5	22.5	21.2	18.4	20.3	26.4	26.6	26.9	29.5
Monthly mean.....	69.8	72.5	70.4	69.0	71.8	71.7	68.3	65.6	70.3	62.9
September:										
Highest.....	83.0	88.0	85.0	82.0	85.2	83.0	79.7	78.0	82.0	80.0
Lowest.....	33.0	35.0	35.0	33.0	38.4	38.0	29.5	27.0	29.0	26.0
Daily range.....	19.2	19.3	19.1	19.2	15.6	15.6	19.0	20.2	19.2	22.3
Monthly mean.....	61.4	64.3	60.4	60.2	61.8	60.0	57.7	56.2	59.3	53.1
October:										
Highest.....	68.0	80.0	75.0	75.0	77.3	78.0	73.5	67.0	75.0	69.0
Lowest.....	25.0	27.0	24.0	24.0	29.9	29.0	23.5	21.0	23.0	17.0
Daily range.....	18.2	18.7	20.3	20.0	17.6	18.5	19.7	18.6	18.9	20.6
Monthly mean.....	48.7	51.5	48.1	47.9	51.4	50.1	45.2	44.4	45.0	41.0
November:										
Highest.....	70.0	72.0	68.0	68.0	72.0	65.0	66.0	67.0	68.0	67.0
Lowest.....	19.0	25.0	20.0	23.0	12.0	25.0	14.0	15.0	12.0	8.0
Daily range.....	10.9	8.8	11.5	11.4	9.6	11.0	13.4	13.1	11.3	14.4
Monthly mean.....	39.4	42.1	38.4	38.6	41.6	39.9	35.0	34.2	34.4	30.6
December:										
Highest.....	41.0	45.0	42.0	44.0	48.3	47.0	41.9	41.0	37.0	37.0
Lowest.....	1.0	-10.0	-1.5	-10.0	0.0	2.0	-17.5	-23.0	-31.0	-31.0
Daily range.....	11.6	12.6	14.6	14.4	11.6	12.0	16.2	16.2	16.5	21.9
Monthly mean.....	24.3	23.3	20.6	22.2	26.5	25.6	16.0	16.5	11.6	11.6
The Year.....	45.3	48.7	45.3	45.6	48.4	47.4	42.5	40.4	42.1	36.8

AVERAGE TEMPERATURE FOR SIXTY-THREE YEARS

TABLE II.—Showing for each month the monthly average for the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario, derived from the sixty-three years, 1882-1944; also the annual mean at each station for the same period.

Months	Southampton	Chatham	London	Woodstock	Vineland	Toronto	Lindsay	Beatrice	Ottawa	Montreal River
January:										
Highest.....	44.1	46.9	45.8	45.4	49.3	45.5	41.5	40.5	40.7	38.2
Lowest.....	-7.1	-6.0	-8.6	-9.2	-3.4	-5.9	-19.2	-26.8	-20.9	-34.8
Daily range.....	14.3	12.5	14.6	14.9	13.9	14.0	17.9	20.2	17.7	25.4
Monthly mean.....	21.0	18.0	21.8	20.1	25.2	23.1	16.1	14.1	11.9	5.7
February:										
Highest.....	43.8	49.6	46.3	45.1	48.2	45.2	41.8	41.3	40.3	40.9
Lowest.....	-10.8	-6.0	-9.3	-9.1	-4.1	5.9	-17.3	-25.8	-19.6	-34.8
Daily range.....	15.8	14.0	16.0	15.9	14.5	14.6	19.3	21.7	18.9	26.2
Monthly mean.....	19.2	22.6	20.9	19.8	23.7	22.1	15.8	13.7	13.0	8.1
March:										
Highest.....	54.7	60.7	59.8	57.4	60.2	56.9	52.7	50.6	49.8	51.1
Lowest.....	-1.9	3.5	1.1	1.1	6.7	5.1	-6.2	-13.1	-7.8	-23.6
Daily range.....	16.1	15.2	17.1	15.9	14.4	14.2	18.2	19.6	17.2	26.1
Monthly mean.....	27.0	31.5	30.2	28.6	32.6	30.5	25.9	23.2	24.8	19.6
April:										
Highest.....	72.2	77.3	75.9	74.0	76.5	71.9	74.2	71.4	73.9	72.4
Lowest.....	16.3	20.1	19.0	18.2	21.5	21.6	14.5	10.1	15.5	3.7
Daily range.....	17.3	18.0	20.4	19.3	16.9	16.4	21.0	21.3	19.3	24.6
Monthly mean.....	40.0	44.1	43.1	42.2	43.9	42.9	41.2	38.9	41.1	37.0
May:										
Highest.....	79.9	84.5	83.6	81.2	84.8	81.4	83.2	81.2	83.5	84.6
Lowest.....	28.4	30.4	29.4	29.5	33.0	32.6	27.6	25.6	30.8	19.7
Daily range.....	19.2	21.3	22.8	21.5	20.2	19.2	24.0	23.8	21.8	27.6
Monthly mean.....	50.9	56.0	55.2	53.7	54.7	54.5	54.0	52.0	55.1	51.0
June:										
Highest.....	85.3	90.2	89.4	86.7	90.8	88.3	89.3	86.7	88.7	90.0
Lowest.....	37.5	39.8	38.5	39.0	41.8	42.7	38.3	35.3	41.1	32.4
Daily range.....	19.7	10.8	23.1	21.6	20.8	20.1	24.6	23.9	20.9	28.9
Monthly mean.....	60.3	71.4	64.8	63.6	65.2	64.5	63.7	61.7	64.6	60.7
July:										
Highest.....	87.8	93.9	92.9	90.0	93.1	91.9	92.1	89.5	91.3	92.1
Lowest.....	44.2	45.8	44.3	44.7	48.3	49.4	43.9	41.4	47.6	38.9
Daily range.....	19.8	22.3	23.4	22.2	21.0	20.1	24.6	23.9	20.9	28.9
Monthly mean.....	66.2	70.7	69.5	68.1	71.1	69.7	67.9	66.1	69.0	65.7
August:										
Highest.....	86.4	91.6	91.1	88.7	92.9	89.6	90.3	87.4	89.3	88.5
Lowest.....	42.2	44.4	41.4	42.0	46.4	47.3	40.8	37.4	43.7	35.7
Daily range.....	18.6	21.3	23.1	22.6	20.1	21.1	24.5	23.5	21.3	26.1
Monthly mean.....	64.9	68.6	67.1	65.7	69.1	67.0	65.7	63.8	66.4	61.9
September:										
Highest.....	84.5	87.1	87.3	84.9	89.2	85.9	85.4	82.9	84.9	83.3
Lowest.....	34.8	35.5	32.4	32.9	36.4	37.2	31.6	29.4	33.2	27.9
Daily range.....	18.1	20.1	22.3	20.9	19.6	18.5	22.4	21.7	20.4	24.2
Monthly mean.....	59.1	62.4	60.7	59.4	62.6	60.8	58.3	56.8	58.7	54.4
October:										
Highest.....	74.5	77.5	76.1	74.4	77.6	74.4	74.2	72.2	73.0	72.5
Lowest.....	26.0	27.0	24.3	24.3	26.9	27.7	21.6	20.0	23.8	17.1
Daily range.....	16.2	17.6	19.8	18.6	18.1	16.2	19.9	19.0	17.9	20.0
Monthly mean.....	48.2	50.6	48.6	47.5	50.7	49.1	46.2	45.3	46.1	42.6
November:										
Highest.....	61.8	64.2	62.6	61.9	65.9	61.2	59.8	58.7	59.3	55.9
Lowest.....	14.4	15.4	13.3	12.8	17.8	16.1	6.7	5.0	7.3	-2.3
Daily range.....	13.0	14.6	12.8	13.9	13.5	12.6	15.4	14.9	13.2	15.7
Monthly mean.....	36.9	38.4	36.1	35.9	39.6	38.0	33.9	32.7	32.8	28.6
December:										
Highest.....	48.4	50.0	51.2	48.3	52.6	48.8	45.3	44.1	43.1	42.5
Lowest.....	-0.1	1.6	-2.0	-2.8	1.2	0.0	-13.0	-16.9	-15.5	-26.3
Daily range.....	12.3	10.8	13.0	13.0	12.4	12.3	15.9	16.8	14.9	20.0
Monthly mean.....	26.4	27.5	26.4	25.2	29.3	27.7	21.1	19.4	17.7	13.4
The Year.....	43.3	46.8	45.4	44.1	47.3	45.8	42.5	40.6	41.8	37.4

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 1944, at stations reporting the whole year, and the average of the Province.

Stations	Rain		Snow		Stations	Rain		Snow	
	Inches	Days	Inches	Days		Inches	Days	Inches	Days
ALGOMA:					NORFOLK:				
Biscotasing.....	20.81	67	109.5	62	Simcoe.....	In	com	plete	
Franz.....	23.49	89	119.6	72	NORTHUMBERLAND:				
Kapuskaing.....	15.66	78	84.3	60	Healey's Falls.....	In	com	plete	
Steep Hill Falls....	In	com	plete		OXFORD:				
BRANT:					Woodstock.....	28.61	92	56.8	51
Brantford.....	11.74	74	58.0	20	PARRY SOUND:				
Paris.....	32.35	104	56.5	33	Magnetawan.....	23.80	78	95.5	58
BRUCE:					Parry Sound.....	27.38	87	122.4	64
Southampton.....	In	com	plete		PEEL:				
Tobermory.....	29.15	53	86.0	28	Alton.....	In	com	plete	
Walkerton.....	21.13	55	70.0	27	PERTH:				
CARLETON:					Stratford.....	24.82	91	87.6	49
Ottawa.....	16.93	76	88.4	48	PETERBOROUGH:				
DURHAM:					Apsley.....	20.03	93	98.1	52
Orono.....	23.93	84	110.8	37	Lakefield.....	16.28	40	85.8	36
ELGIN:					Peterborough.....	17.20	51	65.7	32
St. Thomas.....	25.11	84	51.8	35	RAINY RIVER:				
ESSEX:					Atikokan.....	25.95	49	50.8	29
Harrow.....	18.11	96	42.9	35	Emo.....	25.00	86	31.9	21
Leamington.....	23.39	82	31.7	13	Fort Frances.....	24.95	78	52.5	27
FRONTENAC:					Mine Centre.....	25.64	70	63.5	44
Kingston.....	18.56	90	69.7	33	RENFREW:				
GREY:					Clontarf.....	16.14	59	70.3	33
Eugenia.....	13.43	62	72.5	27	Pembroke.....	20.52	74	57.6	39
HALTON:					Renfrew.....	20.74	80	63.2	38
Georgetown.....	21.81	75	79.4	35	SIMCOE:				
HASTINGS:					Beeton.....	15.33	63	77.8	34
Belleville.....	18.71	103	121.7	61	Orillia.....	22.08	75	104.7	50
Trenton.....	19.49	81	87.3	35	Washago.....	22.84	69	73.6	38
HURON:					SUDBURY:				
Brucefield.....	19.94	58	76.8	42	Chapleau.....	21.86	89	73.5	49
Lucknow.....	15.10	69	131.0	56	Coniston.....	19.02	77	63.3	53
Ridgecrest.....	22.26	62	72.0	26	Timmins.....	22.97	79	82.5	76
KENORA:					THUNDER BAY:				
Ignace.....	25.92	86	82.6	56	Kakabeka Falls....	28.64	72	56.9	38
Kenora.....	24.12	92	95.0	75	Port Arthur.....	30.00	80	78.4	55
Sioux Lookout....	21.78	88	75.7	73	Savanne.....	27.84	77	57.6	55
KENT:					Schreiber.....	29.68	68	85.3	51
Chatham.....	19.08	78	48.1	30	VICTORIA:				
LEEDS:					Fenelon Falls.....	In	com	plete	
Brockville.....	21.16	71	82.4	32	Lindsay.....	22.01	83	106.6	61
LINCOLN:					WATERLOO:				
St. Catharines....	20.70	85	41.9	22	Kitchener.....	25.98	70	60.0	28
Vineland.....	23.97	08	80.3	38	WELLAND:				
MANITOULIN:					Welland.....	27.25	97	83.8	55
Providence Bay....	In	com	plete		WELLINGTON:				
MIDDLESEX:					Guelph.....	22.04	79	89.0	41
London.....	20.42	97	100.1	74	YORK:				
Lucan.....	20.15	93	114.1	66	Agincourt.....	21.99	104	114.2	55
MUSKOKA:					Toronto.....	22.57	102	81.2	43
Beatrice.....	27.15	75	122.0	54					
NIPISSING:									
Algonquin Park....	18.65	59	108.7	66	Average for the				
Haileybury.....	17.51	92	81.2	71	Province 1944....	21.80	79	81.4	46
Iroquois Falls....	24.87	86	96.5	77	1943....	24.40	82	85.3	49
Madawaska.....	20.80	42	72.5	29	1942....	26.63	87	86.2	50
Montreal River....	21.72	98	87.1	63	1882-1944....	24.03	86	73.5	42
North Bay.....	25.60	89	77.9	61					
Rutherglen.....	In	com	plete						

RAIN AND SNOW

TABLE IV.—Monthly summary of inches of rain and snow in precipitation in the several districts in Ontario in 1944. Also the average derived from the sixty-three years, 1882-1944.

Months	West and Southwest		North and Northwest		Centre		East and Northeast		The Province	
	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow	Rain	Snow
1944	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January.....	0.71	6.1	0.13	8.0	0.51	7.1	0.41	8.1	0.44	5.7
February.....	0.74	15.9	0.03	12.7	0.40	19.5	0.37	13.9	0.39	15.5
March.....	1.75	11.8	0.12	26.9	1.20	17.2	0.68	13.4	0.94	17.3
April.....	1.86	3.6	0.88	3.3	1.87	6.5	1.67	7.0	1.57	5.1
May.....	2.53	.....	3.01	1.1	2.48	.....	1.85	.....	2.47	0.3
June.....	2.92	.....	3.74	.....	4.14	.....	3.37	.....	3.54	.....
July.....	2.16	.....	4.42	.....	3.56	.....	2.82	.....	3.24	.....
August.....	1.94	.....	4.14	.....	1.88	.....	0.83	.....	2.21	.....
September.....	4.41	.....	3.67	.....	4.05	.....	3.27	.....	3.85	.....
October.....	0.60	.....	1.46	0.4	1.28	.....	1.37	0.1	1.18	0.1
November.....	1.97	4.8	1.59	7.6	1.50	8.0	1.38	10.8	1.61	7.8
December.....	0.22	30.2	0.05	16.6	0.38	34.1	0.82	31.0	0.37	28.0
The year.....	21.83	72.4	23.24	76.6	23.25	92.4	18.84	84.3	21.80	81.4
1882-1944										
January.....	1.15	16.3	0.45	22.0	1.02	16.9	0.96	19.2	0.89	18.6
February.....	1.05	13.7	0.30	17.4	0.83	14.3	0.62	16.3	0.70	15.4
March.....	1.39	9.2	0.71	13.7	1.31	10.7	1.21	12.0	1.15	11.4
April.....	2.18	2.6	1.47	4.9	2.05	3.4	1.82	3.8	1.88	3.7
May.....	3.00	0.1	2.44	0.4	2.77	0.1	1.86	0.1	2.52	0.2
June.....	2.92	.....	2.85	.....	2.76	.....	2.76	.....	2.82	.....
July.....	2.75	.....	3.04	.....	2.87	.....	2.87	.....	2.88	.....
August.....	2.71	.....	2.87	.....	2.47	.....	2.31	.....	2.59	.....
September.....	2.81	.....	3.19	Trace	2.69	.....	2.73	Trace	2.88	Trace
October.....	2.68	0.8	2.66	2.6	2.58	0.7	2.49	0.9	2.60	1.2
November.....	2.25	6.0	1.59	11.8	2.06	5.1	1.97	7.0	1.97	7.5
December.....	1.74	14.5	0.60	19.6	1.16	13.4	1.11	14.6	1.15	15.5
The year.....	26.63	63.2	22.17	92.4	24.57	64.6	22.71	73.9	24.03	73.5

SUNSHINE

TABLE V.—Monthly summary of bright sunshine at the principal stations in Ontario for 1944 showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year and average derived from the sixty-three years, 1882-1944.

Months	Sun above horizon	Woodstock	Toronto	Lindsay	Ottawa	Average of four stations		
						19 4	1943	1882-1944
1944	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January.....	285.7	61.0	79.0	92.0	104.0	84.0	70.5	.....
February.....	291.4	73.0	98.0	103.0	117.0	97.7	119.7	.....
March.....	369.9	100.0	127.0	159.0	185.0	142.8	157.2	.....
April.....	406.4	120.0	169.0	206.0	210.0	176.2	170.2	.....
May.....	461.1	172.0	198.0	233.0	265.0	217.0	165.8	.....
June.....	465.7	209.0	219.0	243.0	233.0	226.0	264.5	.....
July.....	470.9	280.0	282.0	284.0	279.0	281.3	265.0	.....
August.....	434.5	242.0	270.0	286.0	287.0	271.2	225.5	.....
September.....	376.3	143.0	188.0	167.0	168.0	166.5	177.5	.....
October.....	340.2	167.0	176.0	144.0	129.0	154.0	138.3	.....
November.....	286.9	48.0	71.0	73.0	51.0	60.7	63.5	.....
December.....	274.3	30.0	51.0	94.0	80.0	63.8	85.0	.....
The year.....	4,463.3	1,645.0	1,928.0	2,084.0	2,108.0	1,941.2	1,903.0	.....
1882-1944								
January.....		65.7	77.1	73.1	90.5			76.6
February.....		93.7	107.0	99.2	113.0			103.2
March.....		125.6	147.7	139.7	148.6			140.4
April.....		167.9	184.7	172.0	187.5			178.0
May.....		215.2	223.7	203.9	219.8			215.7
June.....		255.9	262.6	230.5	246.1			248.8
July.....		280.6	287.2	248.7	266.8			270.8
August.....		239.4	254.8	222.5	246.6			240.8
September.....		177.8	202.5	173.5	174.5			182.1
October.....		146.3	152.3	127.6	133.5			139.9
November.....		76.3	84.0	70.2	81.7			78.1
December.....		55.6	65.4	58.9	68.8			62.2
The year.....		1,900.0	2,049.0	1,819.9	1,977.4			1,936.6

RURAL AREA ASSESSED

TABLE VI.—Showing by County Municipalities the rural area of Ontario as returned by Municipal Assessors for 1943 to the Ontario Department of Municipal Affairs.*

Counties and Districts	Acres of Assessed Land	Acres Cleared	Per cent cleared
Brant	213,698	177,430	83.03
Egin.	433,867	366,155	84.39
Essex.....	414,752	378,894	91.35
Haldimand.....	279,080	242,574	86.20
Kent.....	569,145	508,722	89.38
Lambton.....	660,464	554,515	83.96
Lincoln.....	188,528	163,925	86.95
Middlesex.....	749,173	688,236	91.87
Norfolk.....	393,423	258,123	65.61
Oxford.....	468,403	409,715	87.48
Welland.....	220,364	184,141	83.56
Wentworth.....	261,853	205,644	78.53
Southern Ontario.....	4,852,750	4,138,074	85.27
Bruce.....	929,392	581,870	62.61
Dufferin.....	355,777	284,865	80.07
Grey.....	1,063,561	693,551	65.21
Halton.....	223,072	181,657	81.43
Huron.....	800,041	668,857	83.60
Peel.....	287,887	261,491	90.83
Perth.....	516,169	460,835	89.28
Simcoe.....	935,466	685,144	73.24
Waterloo.....	304,716	256,093	84.04
Wellington.....	626,650	520,314	83.03
Western Ontario.....	6,042,731	4,594,677	76.04
Durham.....	366,340	312,120	85.20
Haliburton.....	476,093	48,552	10.20
Hastings.....	1,042,025	402,029	38.58
Muskoka.....	555,273	79,347	14.26
Northumberland.....	436,218	351,819	80.65
Ontario.....	500,799	382,072	76.92
Parry Sound.....	586,133	91,319	15.58
Peterborough.....	575,513	252,860	43.94
Prince Edward.....	234,452	198,907	84.84
Victoria.....	593,474	304,356	76.04
York.....	524,364	442,332	84.36
Central Ontario.....	5,891,684	2,865,713	48.64
Carleton.....	553,243	377,919	68.31
Dundas.....	239,960	192,751	80.33
Frontenac.....	675,300	243,945	36.12
Glengarry.....	288,835	195,053	67.53
Grenville.....	270,371	184,810	68.35
Lanark.....	664,091	347,462	52.32
Leeds.....	483,436	262,213	54.24
Lennox and Addington.....	414,465	253,709	61.23
Prescott.....	277,364	218,305	78.71
Renfrew.....	1,066,848	396,854	37.20
Russell.....	242,107	174,254	71.97
Stormont.....	254,241	148,884	58.56
Eastern Ontario.....	5,430,261	2,996,159	55.18
Algoma.....	327,370	78,545	23.99
Cochrane.....	148,809	27,594	18.54
Kenora.....	94,233	13,772	14.61
Manitoulin.....	368,431	50,464	13.70
Nipissing.....	285,933	69,105	24.17
Rainy River.....	387,722	70,467	18.17
Sudbury.....	416,619	99,884	23.97
Thunder Bay.....	430,123	72,653	16.89
Timiskaming.....	278,262	85,496	30.73
Northern Ontario.....	2,737,522	567,980	20.75
The Province, 1943.....	24,954,948	15,162,603	60.76

*Data for this table not collected for 1944.

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 1944.

Counties and Districts	Fall Wheat				Spring Wheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				\$				\$
Brant.....	13,163	30.5	401,472	436,802	216	20.1	4,342	4,620
Elgin.....	17,310	33.2	574,692	630,196	136	20.8	2,829	3,013
Essex.....	25,416	28.8	731,981	800,416	264	21.3	5,623	6,000
Haldimand.....	17,102	29.2	499,378	547,343	224	20.1	4,502	4,696
Kent.....	57,316	31.0	1,776,796	1,933,154	943	20.4	19,237	20,680
Lambton.....	58,762	31.3	1,839,251	2,013,767	498	19.5	9,711	10,265
Lincoln.....	14,363	26.7	383,492	418,418	74	22.5	1,665	1,740
Middlesex.....	38,744	34.2	1,325,045	1,450,798	1,145	21.4	24,503	26,365
Norfolk.....	15,201	31.0	471,231	515,861	192	19.6	3,763	3,936
Oxford.....	21,416	34.4	736,710	800,859	161	24.2	3,896	4,161
Welland.....	14,349	24.0	344,376	366,072	47	18.2	855	896
Wentworth.....	12,863	33.0	424,479	455,466	102	20.2	2,060	2,194
Southern Ontario	306,005	31.1	9,508,903	10,369,152	4,002	20.7	82,986	88,566
Bruce.....	27,598	31.0	855,538	902,593	463	21.6	10,000	10,450
Dufferin.....	4,136	30.8	127,389	136,051	1,126	20.4	22,970	25,348
Grey.....	32,798	33.1	1,085,614	1,196,008	1,343	19.0	22,517	23,733
Halton.....	15,907	36.2	575,833	631,688	632	22.0	13,928	15,612
Huron.....	40,108	32.3	1,295,313	1,430,119	1,288	23.1	29,753	32,633
Peel.....	13,018	34.2	445,216	474,155	848	20.1	17,045	18,068
Perth.....	24,676	30.1	742,748	802,911	902	22.2	20,024	21,086
Simcoe.....	45,557	30.2	1,375,821	1,506,524	2,748	21.9	60,181	65,236
Waterloo.....	21,184	33.3	705,427	773,853	486	21.5	10,449	11,317
Wellington.....	13,328	31.4	418,499	456,794	1,432	21.0	30,072	32,117
Western Ontario	238,310	32.0	7,627,398	8,310,696	11,268	21.0	236,939	255,600
Durham.....	15,107	29.2	441,124	483,472	836	19.3	16,135	17,523
Haliburton.....	6	28.0	168	184	24	16.1	386	425
Hastings.....	5,774	28.2	162,827	175,365	667	18.1	12,073	12,978
Muskoka.....	52	27.0	1,404	1,536	60	17.4	1,044	1,150
Northumberland.....	17,226	25.4	437,540	466,855	648	16.5	10,692	11,600
Ontario.....	17,741	35.3	626,257	704,539	1,236	20.5	25,338	27,238
Parry Sound.....	71	27.5	1,953	2,133	214	18.0	3,852	4,245
Peterborough.....	11,186	29.0	324,394	344,747	236	21.3	5,027	5,208
Prince Edward.....	2,983	27.0	80,541	88,031	314	20.2	6,343	6,628
Victoria.....	13,242	30.4	402,557	439,592	486	20.1	9,769	10,316
York.....	32,143	34.0	1,092,862	1,189,034	1,016	21.8	22,149	23,699
Central Ontario	115,531	30.9	3,571,627	3,895,488	5,737	19.7	112,808	121,010
Carleton.....	259	28.5	7,382	7,774	1,684	22.6	38,058	40,846
Dundas.....	166	24.3	4,034	4,333	446	20.0	8,920	9,589
Frontenac.....	214	28.2	6,035	6,548	386	21.0	8,106	8,568
Glenarry.....	109	24.4	2,660	2,836	525	18.7	9,818	10,368
Grenville.....	72	29.6	2,131	2,257	124	21.3	2,641	2,730
Lanark.....	346	25.3	8,754	9,506	1,227	20.0	24,540	26,423
Leeds.....	296	21.6	6,394	6,822	188	18.5	3,478	3,658
Lennox & Addington.....	1,921	25.4	48,793	51,086	762	18.0	13,716	14,292
Prescott.....	129	26.0	3,354	3,522	414	18.3	7,576	7,886
Renfrew.....	738	24.4	18,007	16,903	3,744	17.6	65,894	71,188
Russell.....	24	24.6	590	618	226	21.0	4,814	5,016
Stormont.....	151	22.5	3,398	3,578	374	20.3	7,480	7,802
Eastern Ontario	4,425	25.2	111,532	115,783	10,100	19.3	195,041	208,366
Algoma.....	966	27.2	26,275	29,559	1,023	22.7	23,222	26,125
Cochrane.....	168	24.0	4,032	4,451	796	20.0	15,920	18,404
Kenora.....	20	23.0	460	503	898	23.0	20,654	23,773
Manitoulin.....	1,598	22.6	36,115	40,629	311	19.2	5,971	6,538
Nipissing.....	91	23.3	2,120	2,296	141	18.4	2,594	2,832
Rainy River.....	401	20.5	8,221	9,002	1,064	24.5	26,068	28,388
Sudbury.....	191	23.7	4,527	4,903	428	17.4	7,447	7,998
Thunder Bay.....	96	23.3	2,236	2,424	1,028	20.3	20,868	22,788
Timiskaming.....	198	23.0	4,554	5,114	1,004	20.4	20,482	22,612
Northern Ontario	3,729	23.7	88,540	98,881	6,693	21.4	143,226	159,458
The Province, 1944.	668,000	31.3	20,908,000	22,790,000	37,800	20.4	771,000	833,000

OATS AND BARLEY

TABLE VIII.—Showing by County Municipalities of Ontario the area, produce and market value of Oats and Barley for the year 1944.

Counties and Districts	Oats				Barley			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
Brant.....	25,338	44.0	1,114,872	\$ 632,240	3,418	34.0	116,212	\$ 78,443
Elgin.....	29,400	43.1	1,267,140	717,844	2,323	35.1	81,537	52,673
Essex.....	56,385	40.0	2,255,400	1,285,938	6,213	33.3	206,893	144,825
Haldimand.....	31,938	35.0	1,117,830	631,860	3,886	27.7	107,642	68,998
Kent.....	49,822	49.2	2,449,720	1,379,700	12,278	34.4	422,363	290,586
Lambton.....	52,862	38.8	2,051,046	1,134,228	12,016	35.3	424,165	289,705
Lincoln.....	16,440	38.5	632,940	361,432	626	29.8	18,655	12,611
Middlesex.....	54,163	46.8	2,534,828	1,419,458	13,110	39.0	511,290	360,459
Norfolk.....	31,432	43.4	1,364,148	736,640	1,672	35.3	59,022	41,315
Oxford.....	38,676	47.2	1,825,507	1,035,787	6,188	38.1	235,763	153,010
Welland.....	18,541	33.0	611,853	346,328	888	26.1	23,177	16,247
Wentworth.....	29,668	43.2	1,281,658	722,588	2,866	36.2	103,749	67,333
Southern Ontario	434,665	42.6	18,506,942	10,404,043	65,484	35.3	2,310,468	1,576,205
Bruce.....	58,150	44.4	2,581,860	1,345,149	12,606	38.0	479,028	309,392
Dufferin.....	27,214	43.0	1,170,202	620,207	6,313	37.1	234,212	148,490
Grey.....	88,139	41.4	3,648,955	1,933,946	23,218	35.7	828,500	536,467
Halton.....	22,183	41.7	925,031	481,941	4,386	35.0	153,510	104,540
Huron.....	53,888	42.9	2,311,795	1,202,133	23,618	37.1	876,228	581,815
Peel.....	18,906	45.2	854,551	438,384	7,966	37.3	297,132	180,750
Perth.....	66,290	42.4	2,810,696	1,534,843	22,918	38.0	870,884	566,495
Simcoe.....	68,482	41.6	2,848,851	1,481,403	15,786	33.3	525,674	359,561
Waterloo.....	36,130	44.3	1,600,559	849,897	6,032	37.6	226,803	154,020
Wellington.....	51,740	41.7	2,157,558	1,134,876	9,441	35.8	337,988	223,410
Western Ontario	491,122	42.6	20,910,058	11,022,779	132,284	36.5	4,829,959	3,164,940
Durham.....	32,441	34.4	1,115,970	676,956	4,121	33.0	135,993	95,195
Haliburton.....	5,561	27.5	152,928	99,403	214	30.1	6,441	4,508
Hastings.....	60,927	34.8	2,120,260	1,193,706	5,006	30.0	150,180	103,925
Muskoka.....	7,666	36.6	280,576	149,266	323	30.5	9,852	8,256
Northumberland.....	47,205	32.0	1,510,560	844,938	3,664	31.0	113,584	81,553
Ontario.....	34,232	36.4	1,246,045	662,896	9,321	31.8	296,408	211,339
Parry Sound.....	16,113	44.0	708,972	413,331	1,216	30.6	37,210	27,052
Peterborough.....	28,378	33.0	936,474	484,157	3,014	31.1	93,735	61,865
Prince Edward.....	16,973	30.5	517,676	291,969	3,944	27.3	107,671	69,986
Victoria.....	28,814	30.3	873,064	505,504	8,088	29.8	241,022	172,572
York.....	52,112	41.2	2,147,014	1,242,211	14,726	34.4	506,574	344,470
Central Ontario	330,422	35.1	11,609,539	6,564,337	53,637	31.7	1,698,670	1,180,721
Carleton.....	48,280	36.4	1,757,392	926,146	9,436	28.5	268,926	193,626
Dundas.....	13,117	36.8	482,706	269,350	4,682	34.8	162,934	120,571
Frontenac.....	14,832	34.3	508,738	300,155	1,568	32.0	50,176	38,535
Glenagary.....	28,494	27.2	775,036	451,070	6,897	26.4	182,081	132,919
Grenville.....	19,524	35.5	693,102	400,613	1,436	32.2	46,239	31,442
Lanark.....	25,411	35.8	909,714	489,426	3,822	31.6	120,775	82,852
Leeds.....	34,676	32.3	1,120,035	628,340	2,431	28.5	69,284	52,656
Lennox & Addington	32,662	31.6	1,032,119	516,060	4,373	26.6	116,322	75,609
Prescott.....	44,218	32.2	1,423,820	747,506	6,716	28.8	193,421	131,526
Renfrew.....	50,417	36.2	1,825,095	950,874	8,074	33.3	268,864	175,030
Russell.....	31,118	29.5	917,981	559,968	4,117	24.6	101,278	65,122
Stormont.....	20,298	33.0	669,834	407,259	3,972	28.4	112,805	75,579
Eastern Ontario	363,047	33.4	12,115,572	6,646,767	57,524	29.4	1,693,105	1,175,467
Algoma.....	14,286	39.8	568,583	341,150	2,218	30.0	66,540	53,232
Cochrane.....	11,372	34.5	392,334	240,893	2,301	28.2	64,888	52,819
Kenora.....	3,868	34.0	131,512	76,277	1,676	26.0	43,576	32,682
Manitowlin.....	6,783	35.2	238,762	129,886	998	30.0	30,140	22,514
Nipissing.....	15,212	38.2	581,098	307,982	1,846	33.7	62,210	47,902
Rainy River.....	7,070	42.8	302,596	164,007	5,236	29.1	152,368	108,181
Sudbury.....	12,818	36.4	466,575	279,945	2,113	25.8	54,515	44,975
Thunder Bay.....	4,719	35.1	165,637	96,566	1,667	31.1	51,844	41,475
Timiskaming.....	20,616	37.0	762,792	439,368	4,016	32.3	129,717	106,887
Northern Ontario	96,744	37.3	3,609,889	2,076,074	22,071	29.7	655,798	510,667
The Province, 1944	1,716,000	38.9	66,752,000	36,714,000	331,000	33.8	11,188,000	7,608,000

PEAS AND BEANS

TABLE IX.—Showing by County Municipalities of Ontario the area, produce and market value of Peas and Beans for the year 1944.

Counties and Districts	Peas				Beans			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
Brant.....	119	15.8	1,880	\$ 4,794	170	14.6	2,482	\$ 5,957
Elgin.....	219	15.2	3,329	8,655	10,221	14.2	145,138	362,845
Essex.....	68	15.1	1,027	2,670	1,553	14.3	22,208	54,410
Haldimand.....	92	14.8	1,362	3,405	33	14.1	465	1,186
Kent.....	100	14.5	1,450	3,770	33,236	13.4	445,807	1,115,385
Lambton.....	560	15.9	8,904	23,150	4,471	14.8	66,171	165,428
Lincoln.....	24	16.1	386	984	36	14.4	518	1,269
Middlesex.....	463	16.8	7,778	19,912	11,125	14.0	155,750	381,588
Norfolk.....	14	15.8	221	575	122	14.1	1,720	4,128
Oxford.....	97	16.9	1,639	4,098	252	13.6	3,427	8,225
Wellsand.....	7	14.8	104	265	106	13.1	1,388	3,331
Wentworth.....	184	15.6	2,870	7,318	86	13.8	1,186	2,846
Southern Ontario	1,947	15.9	30,950	79,596	61,411	13.8	846,260	2,106,598
Bruce.....	2,013	19.6	39,455	101,794	117	15.8	1,848	4,620
Dufferin.....	1,000	20.1	20,100	53,667	4	15.5	62	146
Grey.....	2,281	19.4	44,229	119,418	140	15.7	2,198	5,275
Halton.....	14	17.2	240	672	23	15.4	354	850
Huron.....	755	21.4	16,157	42,008	16,887	14.6	246,437	628,414
Peel.....	248	16.2	4,018	10,246	95	14.2	1,349	3,238
Perth.....	848	18.7	15,858	40,121	594	15.7	9,326	22,382
Simcoe.....	1,860	18.6	34,596	87,182	104	16.1	1,674	3,934
Waterloo.....	182	16.3	2,967	7,803	136	15.2	2,067	4,857
Wellington.....	1,013	18.1	18,335	47,671	88	15.3	1,346	3,230
Western Ontario	10,214	19.2	195,955	510,582	18,188	14.7	266,661	676,946
Durham.....	1,816	16.1	29,238	75,434	288	14.1	4,061	10,153
Haliburton.....	35	13.4	469	1,290	2	13.3	26	65
Hastings.....	115	15.0	1,725	4,313	42	13.6	571	1,428
Muskoka.....	28	16.8	470	1,316	19	14.9	283	708
Northumberland.....	259	16.1	4,170	10,633	318	14.5	4,611	11,758
Ontario.....	329	16.8	5,527	13,818	76	14.8	1,125	2,756
Parry Sound.....	229	15.2	3,480	9,570	12	14.6	175	438
Peterborough.....	360	16.3	5,868	15,256	68	13.8	938	2,298
Prince Edward.....	225	16.2	3,645	9,113	144	14.5	2,088	5,220
Victoria.....	488	16.4	8,003	20,008	67	13.6	911	2,278
York.....	258	19.2	4,954	12,633	207	16.1	3,333	8,333
Central Ontario	4,142	16.3	67,549	173,384	1,243	14.6	18,122	45,435
Carleton.....	1,518	18.1	27,476	74,228	180	14.1	2,538	6,345
Dundas.....	10	15.1	151	378	33	15.1	498	1,245
Frontenac.....	14	15.9	223	613	36	14.2	511	1,278
Glengarry.....	51	15.6	796	2,388	75	15.1	1,132	2,830
Grenville.....	26	14.7	382	1,031	396	13.2	5,227	12,545
Lanark.....	772	16.1	12,429	34,801	41	15.8	648	1,555
Leeds.....	70	15.1	1,057	2,854	44	15.5	682	1,705
Lennox & Addington	155	15.6	2,418	6,528	114	15.1	1,721	4,303
Prescott.....	796	15.3	12,179	36,537	132	15.8	2,086	5,215
Renfrew.....	11,954	15.4	184,092	552,276	234	14.5	3,393	8,483
Russell.....	280	16.6	4,648	11,620	175	15.6	2,730	6,688
Stormont.....	60	15.4	924	2,495	66	15.2	1,003	2,508
Eastern Ontario	15,706	15.7	246,775	725,749	1,526	14.5	22,169	54,700
Algoma.....	539	14.7	7,923	21,788	13	13.1	170	408
Cochrane.....	375	15.1	5,663	15,007	6	13.9	83	203
Kenora.....	37	14.9	551	1,653	2	13.8	27	66
Manitoulin.....	227	16.8	3,814	10,488	6	13.1	78	195
Nipissing.....	256	16.3	4,173	11,476	26	13.2	343	823
Rainy River.....	58	15.8	916	2,473	27	13.9	375	918
Sudbury.....	429	14.7	6,306	17,656	18	13.4	241	578
Thunder Bay.....	157	15.1	2,371	6,402	7	13.8	96	230
Timiskaming.....	513	15.7	8,054	21,746	27	13.9	375	900
Northern Ontario	2,591	15.3	39,771	108,689	132	13.5	1,788	4,321
The Province, 1944	34,600	16.8	581,000	1,598,000	82,500	14.0	1,155,000	2,888,000

RYE AND BUCKWHEAT

TABLE X.—Showing by County Municipalities of Ontario the area, produce and market value of Rye and Buckwheat for the year 1944.

Counties and Districts	Rye				Buckwheat			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
				\$				\$
Brant.....	3,942	16.4	64,649	59,930	2,136	21.6	46,138	34,604
Elgin.....	4,118	21.4	88,125	80,722	5,837	23.8	138,921	106,050
Essex.....	564	19.0	10,716	8,037	555	24.3	13,486	10,114
Haldimand.....	114	21.5	2,451	2,022	1,368	23.5	32,148	25,236
Kent.....	1,234	20.9	25,790	22,179	1,820	22.6	41,132	29,204
Lambton.....	737	20.0	14,740	12,898	1,483	20.4	30,253	22,690
Lincoln.....	128	21.4	2,739	2,054	214	21.3	4,558	3,569
Middlesex.....	966	21.5	20,769	18,069	3,404	21.4	72,846	53,906
Norfolk.....	12,464	19.6	244,718	212,787	3,121	20.5	63,981	48,050
Oxford.....	3,271	21.8	71,308	58,972	3,072	22.6	69,427	52,140
Welland.....	338	18.0	6,084	5,555	1,077	21.5	23,156	17,483
Wentworth.....	396	20.0	7,920	7,080	1,838	23.5	43,193	32,308
Southern Ontario	28,272	19.8	560,009	490,305	25,925	22.3	579,239	435,354
Bruce.....	238	17.9	4,260	3,634	2,364	24.5	57,918	40,948
Dufferin.....	1,263	15.7	19,829	17,450	1,918	24.2	46,416	30,588
Grey.....	201	17.5	3,518	3,025	2,202	21.3	46,902	29,314
Halton.....	222	19.3	4,284	3,641	402	22.5	9,045	6,521
Huron.....	246	18.1	4,453	3,741	5,678	22.9	130,026	104,780
Peel.....	732	18.0	13,176	11,200	1,174	22.3	26,180	18,326
Perth.....	487	19.0	9,253	7,680	4,175	25.1	104,793	78,325
Simcoe.....	3,449	17.4	60,013	53,292	11,802	25.0	295,549	236,982
Waterloo.....	449	19.2	8,621	7,638	936	23.2	21,715	15,309
Wellington.....	549	18.5	10,157	8,735	5,014	23.7	118,832	89,736
Western Ontario	7,836	17.6	137,564	120,036	35,665	24.0	857,377	650,829
Durham.....	4,296	18.0	77,328	61,862	4,752	21.6	102,643	68,463
Haliburton.....	398	15.5	6,169	5,120	142	20.1	2,854	2,497
Hastings.....	2,386	19.0	45,334	37,336	4,672	24.8	115,866	86,900
Muskoka.....	48	16.0	768	645	168	24.1	4,049	3,036
Northumberland.....	6,831	20.0	136,620	117,520	8,971	25.0	224,275	159,143
Ontario.....	2,493	20.5	51,106	43,440	7,665	25.4	194,691	143,947
Parry Sound.....	88	16.0	1,408	1,239	181	22.2	4,018	3,484
Peterborough.....	1,157	20.8	24,066	20,696	1,827	25.2	46,040	31,077
Prince Edward.....	3,142	19.3	60,641	50,029	3,816	24.1	91,966	59,778
Victoria.....	1,271	19.4	24,657	20,958	6,473	24.5	158,589	113,717
York.....	1,421	18.2	25,862	22,319	5,346	24.9	133,115	101,849
Central Ontario	23,531	19.3	453,959	381,164	44,013	24.5	1,078,106	773,891
Carleton.....	166	17.0	2,822	2,398	3,596	22.7	81,629	57,140
Dundas.....	184	18.0	3,312	2,749	1,526	23.4	35,708	26,602
Frontenac.....	265	17.8	4,717	4,245	383	22.5	8,618	6,981
Glengarry.....	107	17.0	1,819	1,600	2,088	22.5	46,980	37,913
Grenville.....	84	17.5	1,470	1,176	4,041	23.8	96,176	71,651
Lanark.....	196	16.8	3,293	2,733	6,889	23.4	161,203	138,156
Leeds.....	98	17.5	1,715	1,458	2,416	21.3	51,460	38,595
Lennox & Addington.....	771	17.0	13,107	11,010	2,584	22.5	58,140	42,616
Prescott.....	194	17.0	3,298	2,803	1,794	21.1	37,853	30,282
Renfrew.....	2,486	16.8	41,765	35,083	5,070	24.6	124,722	100,423
Russell.....	181	17.1	3,095	2,578	1,485	22.8	33,858	24,818
Stormont.....	128	16.2	2,074	1,742	1,806	23.1	41,719	32,875
Eastern Ontario	4,860	17.0	82,487	69,575	33,678	23.1	778,066	608,052
Algoma.....	98	16.1	1,578	1,388	163	20.1	3,276	2,621
Cochrane.....	64	15.0	960	835	12	18.8	226	181
Kenora.....	10	14.8	148	130	9	18.4	166	133
Manitoulin.....	63	16.6	1,046	923	339	22.5	7,628	6,102
Nipissing.....	61	16.4	1,000	873	333	20.1	6,693	5,154
Rainy River.....	16	16.0	256	221	112	20.5	2,296	1,791
Sudbury.....	140	15.8	2,212	1,891	463	19.7	9,121	7,206
Thunder Bay.....	45	16.0	720	607	86	20.3	1,746	1,397
Timiskaming.....	4	15.2	61	52	202	20.1	4,060	3,289
Northern Ontario	501	15.9	7,981	6,920	1,719	20.5	35,212	27,874
The Province, 1944	65,000	19.1	1,242,000	1,068,000	141,000	23.6	3,328,000	2,496,000

FLAX AND MIXED GRAINS

TABLE XI.—Showing by County Municipalities of Ontario the area, produce and market value of Flax and Mixed Grains for the year 1944.

Counties and Districts	Flax				Mixed Grains			
	Acres	Per acre	Bushels	Market value	Acres	Per acre	Bushels	Market value
Brant.....	33	8.0	264	\$ 486	17,226	41.8	720,047	\$ 396,026
Elgin.....	142	9.0	1,278	2,377	15,043	41.1	618,267	344,375
Essex.....	150	9.0	1,350	2,498	1,412	40.0	56,480	31,346
Haldimand.....	46	7.0	329	602	8,570	33.6	287,952	163,556
Kent.....	82	10.0	820	1,509	7,941	44.4	352,580	198,150
Lambton.....	422	10.0	4,220	7,807	13,968	40.2	561,514	332,978
Lincoln.....	86	9.5	817	1,503	1,827	38.0	69,426	38,948
Middlesex.....	40	9.0	360	666	28,986	46.2	1,339,153	744,569
Norfolk.....	41	9.6	394	725	4,752	43.0	204,336	116,472
Oxford.....	118	9.0	1,062	1,965	58,738	46.0	2,701,948	1,553,620
Welland.....	3	8.5	26	48	1,357	33.0	44,781	24,316
Wentworth.....	24	9.5	228	417	18,850	40.8	769,080	438,376
Southern Ontario	1,187	9.4	11,148	20,603	178,670	43.2	7,725,564	4,382,732
Bruce.....	1,988	10.0	19,880	36,380	45,414	44.2	2,007,299	1,144,160
Dufferin.....	36	10.6	382	684	37,927	45.0	1,706,715	989,895
Grey.....	202	10.3	2,081	3,808	62,839	42.8	2,689,509	1,589,500
Halton.....	260	9.0	2,340	4,212	14,807	41.6	615,971	351,103
Huron.....	2,431	10.8	26,255	48,309	60,207	44.7	2,691,253	1,517,867
Peel.....	74	9.6	710	1,292	22,938	47.8	1,096,627	617,401
Perth.....	1,096	10.0	10,960	20,166	94,956	43.5	4,130,586	2,399,258
Simcoe.....	124	10.2	1,265	2,315	40,398	44.8	1,809,830	997,216
Waterloo.....	298	10.0	2,980	5,483	43,671	44.4	1,938,992	1,085,836
Wellington.....	441	10.2	4,498	8,231	85,130	40.2	3,422,226	1,865,704
Western Ontario	6,950	10.3	71,351	130,880	508,287	43.5	22,109,008	12,557,940
Durham.....	11	9.0	99	184	26,381	37.2	981,373	549,569
Haliburton.....	18	8.6	155	291	167	27.0	4,509	2,818
Hastings.....	26	9.5	242	448	9,044	34.9	315,636	184,016
Muskoka.....	3	8.2	25	47	483	37.0	17,871	10,008
Northumberland.....	98	10.0	980	1,842	16,048	35.5	569,704	311,058
Ontario.....	148	10.3	1,524	2,865	45,270	38.2	1,729,314	971,874
Parry Sound.....	10	8.0	80	150	1,268	42.3	53,636	32,343
Peterborough.....	52	8.8	458	843	4,712	32.4	152,668	83,509
Prince Edward.....	38	9.0	342	633	5,189	31.6	163,972	90,185
Victoria.....	181	9.7	1,756	3,266	22,596	33.8	763,745	458,247
York.....	90	10.6	954	1,765	40,975	42.3	1,733,243	987,948
Central Ontario	675	9.8	6,615	12,334	172,133	37.7	6,485,671	3,681,575
Carleton.....	2,508	9.7	24,328	45,736	22,441	38.6	866,223	498,078
Dundas.....	70	9.2	644	1,217	23,071	39.1	902,076	530,420
Frontenac.....	48	8.9	427	811	3,686	35.2	129,747	80,573
Glengarry.....	4,508	10.0	45,080	84,750	3,065	29.8	91,337	56,628
Grenville.....	24	8.8	211	400	6,147	36.2	222,521	134,625
Lanark.....	101	10.0	1,010	1,949	10,978	35.6	390,817	230,582
Leeds.....	22	8.0	176	343	5,859	34.2	200,378	118,223
Lennox & Addington.....	70	8.8	616	1,195	11,126	31.0	344,906	180,386
Prescott.....	2,022	10.4	21,033	39,540	3,212	30.4	97,645	54,193
Renfrew.....	780	9.0	7,020	13,127	3,743	36.8	137,742	75,896
Russell.....	1,515	10.0	15,150	28,028	6,694	28.3	189,440	117,453
Stormont.....	82	9.3	763	1,472	10,324	30.3	312,817	196,449
Eastern Ontario	11,750	9.9	116,458	218,568	110,346	35.2	3,885,649	2,273,506
Algoma.....	28	7.3	204	363	2,658	39.3	104,459	67,898
Cochrane.....	15	6.0	90	161	1,137	33.6	38,203	24,450
Kenora.....	16	7.8	125	224	767	31.5	24,161	14,496
Manitoulin.....	25	8.2	205	358	2,598	33.3	86,513	50,177
Nipissing.....	22	8.2	180	320	948	39.0	36,972	21,074
Rainy River.....	2,826	10.9	30,860	54,830	336	37.6	12,634	7,328
Sudbury.....	58	7.0	406	718	1,042	34.5	35,949	22,648
Thunder Bay.....	18	6.6	118	211	635	34.2	21,717	13,247
Timiskaming.....	30	8.0	240	430	4,443	38.6	171,500	103,929
Northern Ontario	3,038	10.7	32,428	57,615	14,564	36.5	532,108	325,247
The Province, 1944	23,600	10.1	238,000	440,000	984,000	41.4	40,738,000	23,221,000

CORN

TABLE XII.—Showing by County Municipalities of Ontario the area, produce and market value of Corn for husking and for fodder for the year 1944.

Counties and Districts	Corn for Husking				Corn for Silo			
	Acres	Per acre	Bushels (shelled)	Market value	Acres	Per acre	Tons (green)	Market value
				\$				\$
Brant.....	1,733	46.1	79,929	79,529	6,986	9.00	62,874	220,059
Elgin.....	12,290	46.1	566,179	563,348	19,872	9.50	188,784	660,744
Essex.....	80,066	45.8	3,735,326	3,727,973	2,218	9.50	21,071	73,749
Haldimand.....	1,514	46.0	69,668	66,185	2,816	9.71	27,343	95,701
Kent.....	100,586	45.5	4,578,495	4,525,751	12,373	11.00	136,103	476,361
Lambton.....	22,288	45.8	1,021,086	1,015,770	20,373	10.60	215,954	755,839
Lincoln.....	996	45.7	45,497	44,360	3,161	8.60	27,185	95,148
Middlesex.....	6,850	45.9	314,735	310,958	28,765	9.17	263,737	923,080
Norfolk.....	5,436	45.4	246,794	246,300	6,494	10.67	69,291	242,519
Oxford.....	1,534	46.0	70,529	67,003	23,782	9.50	225,929	790,750
Welland.....	1,472	45.7	67,306	63,470	2,957	8.70	25,726	90,041
Wentworth.....	196	46.6	9,133	8,676	4,444	9.60	42,662	149,307
Southern Ontario	234,961	46.0	10,804,677	10,719,323	134,241	9.73	1,306,659	4,573,298
Bruce.....	202	48.8	9,858	8,478	4,494	9.87	44,356	155,246
Dufferin.....	112	47.7	5,342	4,648	686	9.60	6,586	23,051
Grey.....	78	46.8	3,650	3,103	9,640	9.63	92,833	324,916
Halton.....	264	45.6	12,038	10,473	4,003	11.83	47,355	165,743
Huron.....	210	47.3	9,933	8,741	8,166	12.91	105,423	368,981
Peel.....	24	45.8	1,099	945	3,084	10.75	33,153	116,036
Perth.....	97	44.7	4,336	3,772	17,931	11.30	202,620	709,170
Simcoe.....	668	47.8	31,930	28,098	5,824	9.50	55,328	193,648
Waterloo.....	161	48.1	7,744	6,892	9,577	11.80	113,009	395,532
Wellington.....	52	48.2	2,506	2,205	6,702	11.33	75,934	265,769
Western Ontario	1,868	47.3	88,436	77,355	70,107	11.08	776,597	2,718,092
Durham.....	38	46.3	1,759	1,653	6,545	9.71	63,552	222,432
Haliburton.....	24	40.1	962	895	311	7.15	2,224	7,784
Hastings.....	351	47.1	16,532	15,540	6,444	10.25	66,051	231,178
Muskoka.....	23	40.4	929	883	386	7.67	2,960	10,360
Northumberland.....	300	48.1	14,430	13,420	5,748	10.60	60,929	213,252
Ontario.....	96	49.7	4,271	4,015	8,932	10.00	89,320	312,620
Parry Sound.....	52	42.2	2,194	1,997	424	8.75	3,710	12,985
Peterborough.....	42	46.2	1,940	1,765	4,250	10.94	46,495	162,733
Prince Edward.....	506	48.8	24,893	23,211	2,445	9.50	23,228	81,298
Victoria.....	16	45.6	730	642	3,830	10.00	38,300	134,050
York.....	73	49.8	3,635	3,199	8,112	12.33	100,021	350,074
Central Ontario	1,521	47.4	72,075	67,220	47,427	10.47	496,790	1,738,766
Carleton.....	53	46.2	2,449	2,180	11,866	10.20	121,033	423,616
Dundas.....	128	47.2	6,042	5,257	13,343	9.75	130,094	455,329
Frontenac.....	250	46.1	11,525	10,257	3,486	10.00	34,860	122,010
Glengarry.....	28	45.1	1,263	1,137	3,792	10.00	37,920	132,720
Grenville.....	18	43.3	779	686	4,703	11.16	52,485	183,698
Lanark.....	159	43.1	6,853	6,099	5,669	9.00	51,021	178,574
Leeds.....	264	44.4	11,722	10,315	10,878	9.80	106,604	373,114
Lennox & Addington.....	155	45.8	7,099	6,105	2,929	9.33	27,327	95,645
Prescott.....	171	47.7	8,157	7,260	3,553	9.10	32,332	113,162
Renfrew.....	174	46.7	8,126	7,313	2,869	9.60	27,542	96,397
Russell.....	62	47.1	2,920	2,482	6,322	9.50	60,059	210,207
Stormont.....	37	47.2	1,746	1,484	4,868	9.43	45,905	160,668
Eastern Ontario	1,499	45.8	68,681	60,575	74,278	9.79	727,182	2,545,140
Algoma.....	9	40.4	373	345	216	9.00	1,944	6,804
Cochrane.....	7	38.7	271	244	11	9.00	99	347
Kenora.....	3	35.4	106	96	15	8.50	128	448
Manitoulin.....	22	43.2	950	855	368	9.50	3,496	12,236
Nipissing.....	22	40.3	887	798	168	9.00	1,512	5,292
Rainy River.....	50	39.8	1,990	1,791	36	8.75	315	1,103
Sudbury.....	23	40.1	922	830	98	9.67	948	3,318
Thunder Bay.....	11	39.6	436	392	4	8.75	35	123
Timiskaming.....	4	40.1	196	176	31	9.50	295	1,033
Northern Ontario	151	40.6	6,131	5,527	947	9.26	8,772	30,704
The Province, 1944	240,000	46.0	11,040,000	10,930,000	327,000	10.14	3,316,000	11,606,000

POTATOES AND TURNIPS

TABLE XIII.—Showing by County Municipalities of Ontario the area, produce and market value of Potatoes and Turnips for the year 1944.

Counties and Districts	Potatoes				Turnips			
	Acres	Per acre	Hundred Weight	Market value	Acres	Per acre	Bushels	Market value
Brant.....	2,047	86.3	176,656	\$ 348,399	716	452	323,632	\$ 77,672
Elgin.....	2,055	79.5	163,372	337,636	34	450	15,300	3,672
Essex.....	4,782	54.0	258,228	616,029	22	457	10,054	2,413
Haldimand.....	612	55.5	33,966	67,026	7	454	3,178	763
Kent.....	2,316	56.5	130,854	310,714	14	450	6,300	1,512
Lambton.....	1,526	55.5	84,693	184,066	40	454	18,160	4,358
Lincoln.....	598	63.0	37,674	85,896	12	448	5,376	1,290
Middlesex.....	4,502	96.4	434,077	864,384	911	444	404,484	97,076
Norfolk.....	2,291	57.0	130,587	257,692	96	453	43,488	10,437
Oxford.....	1,556	51.0	79,356	151,305	3,214	444	1,427,016	342,484
Welland.....	906	58.0	52,548	108,828	16	446	7,136	1,713
Wentworth.....	4,733	83.2	393,786	656,704	689	452	311,428	74,743
Southern Ontario	27,924	70.8	1,975,797	3,988,679	5,771	446	2,575,522	618,133
Bruce.....	2,438	69.0	168,222	331,958	3,198	440	1,407,120	337,709
Dufferin.....	3,322	98.2	326,220	417,775	696	448	311,808	74,834
Grey.....	3,388	76.5	259,182	397,412	1,686	446	751,956	180,469
Halton.....	1,294	61.5	79,581	114,596	403	442	178,126	42,750
Huron.....	1,963	57.0	111,891	207,371	2,631	447	1,177,130	282,511
Peel.....	2,536	87.0	220,632	294,176	292	448	130,816	31,396
Perth.....	1,795	62.2	111,649	198,150	2,323	446	1,036,058	248,614
Simcoe.....	8,641	78.0	673,998	1,015,490	2,421	444	1,074,924	257,780
Waterloo.....	2,320	68.3	158,456	270,234	2,995	438	1,311,810	314,834
Wellington.....	4,622	75.7	349,885	518,172	3,114	434	1,350,514	324,123
Western Ontario	32,319	76.1	2,459,716	3,765,334	19,759	442	8,730,262	2,095,020
Durham.....	2,260	81.0	183,060	288,014	703	450	316,350	75,924
Haliburton.....	306	54.0	16,524	27,540	31	444	13,764	3,303
Hastings.....	3,063	62.2	190,518	399,140	333	450	149,850	35,964
Muskoka.....	516	72.0	37,152	67,368	178	440	78,320	18,797
Northumberland.....	3,013	61.5	185,300	328,598	958	450	431,100	103,464
Ontario.....	3,596	78.7	283,005	407,786	2,882	434	1,250,788	300,189
Parry Sound.....	1,182	86.3	102,006	176,709	361	438	158,118	37,948
Peterborough.....	2,452	63.0	154,476	292,475	596	441	262,836	63,081
Prince Edward.....	1,012	57.0	57,684	124,597	20	442	8,840	2,122
Victoria.....	1,148	51.0	58,548	95,238	1,316	440	579,040	138,970
York.....	4,644	101.2	469,973	694,094	2,823	442	1,252,628	300,631
Central Ontario	23,192	75.0	1,738,246	2,901,559	10,212	440	4,501,634	1,080,393
Carleton.....	4,410	67.0	295,470	554,954	478	354	169,212	40,611
Dundas.....	914	53.2	48,625	92,149	14	356	4,984	1,196
Frontenac.....	1,541	70.5	108,641	233,215	44	360	15,840	3,802
Glenarry.....	1,069	43.5	46,502	84,323	62	358	22,196	5,327
Grenville.....	1,227	54.0	66,258	133,399	80	348	27,840	6,682
Lanark.....	1,363	48.0	65,424	136,954	106	354	37,524	9,006
Leeds.....	1,768	57.0	100,776	217,676	188	356	66,928	16,063
Lennox & Addington.....	2,326	61.0	141,886	182,754	48	347	16,656	3,997
Prescott.....	1,451	54.0	78,354	131,635	54	350	16,578	3,979
Renfrew.....	3,466	63.0	218,358	425,070	68	350	23,800	5,712
Russell.....	3,722	52.5	195,405	304,832	242	352	85,184	20,444
Stormont.....	1,132	51.0	57,732	122,392	36	356	12,816	3,076
Eastern Ontario	24,389	58.4	1,423,431	2,619,353	1,420	352	499,558	119,895
Algoma.....	1,096	96.0	105,216	216,044	326	324	105,624	25,350
Cochrane.....	1,996	108.0	215,568	431,136	203	342	69,426	16,662
Kenora.....	484	42.0	20,328	37,675	20	330	6,600	1,584
Manitoulin.....	364	67.0	24,388	50,290	95	340	32,300	7,752
Nipissing.....	1,586	57.0	90,402	178,393	348	353	122,844	29,483
Rainy River.....	376	46.5	17,484	35,201	142	330	46,860	11,246
Sudbury.....	2,753	87.0	239,511	456,668	241	340	81,940	19,666
Thunder Bay.....	2,377	45.0	106,965	236,749	271	328	88,888	21,333
Timiskaming.....	1,144	79.5	90,948	164,919	192	336	64,512	15,483
Northern Ontario	12,176	74.8	910,810	1,807,075	1,838	337	618,994	148,559
The Province, 1944	120,000	70.9	8,508,000	15,082,000	39,000	434	16,926,000	4,062,000

ALSIKE AND SWEET CLOVER

TABLE XIV.—Showing by County Municipalities of Ontario the area, produce and market value of Alsike and Sweet Clover for the year 1944.

Counties and Districts	Alsike				Sweet Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
Brant.....	296	1.44	426	\$ 3,962	1,885	2.00	3,770	\$ 24,505
Elgin.....	956	1.40	1,338	12,711	5,257	2.23	11,723	77,372
Essex.....	538	1.55	834	8,340	7,485	2.31	17,290	114,114
Haldimand.....	1,781	1.42	2,529	24,152	2,816	2.00	5,632	37,171
Kent.....	1,242	1.64	2,037	19,352	5,786	2.58	14,928	97,032
Lambton.....	434	1.48	642	5,778	6,111	2.00	12,222	79,443
Lincoln.....	998	1.32	1,317	13,606	1,088	2.23	2,426	16,376
Middlesex.....	867	1.50	1,301	13,060	5,351	2.25	12,040	84,280
Norfolk.....	606	1.48	897	8,961	4,041	2.10	8,486	56,856
Oxford.....	467	1.59	743	6,940	3,751	2.16	8,102	52,663
Welland.....	647	1.27	822	7,398	2,016	2.00	4,032	26,208
Wentworth.....	518	1.43	741	7,225	2,166	2.11	4,570	30,848
Southern Ontario	9,350	1.46	13,627	131,485	47,753	2.20	105,221	696,868
Bruce.....	2,712	1.68	4,556	42,143	12,811	2.20	28,231	190,006
Dufferin.....	654	1.50	981	9,221	5,346	2.19	11,708	74,463
Grey.....	2,328	1.43	3,329	29,961	8,877	2.17	19,263	130,025
Halton.....	808	1.42	1,147	10,323	725	2.25	1,631	11,417
Huron.....	1,798	1.67	3,003	27,027	9,450	2.25	21,262	140,329
Peel.....	1,410	1.37	1,932	19,320	2,875	2.00	5,750	37,375
Perth.....	641	1.50	962	8,975	6,168	2.23	13,755	89,408
Simcoe.....	3,764	1.44	5,417	51,462	7,518	2.12	15,938	106,785
Waterloo.....	321	1.63	523	4,968	3,760	2.04	7,670	49,855
Wellington.....	626	1.50	939	8,920	8,030	2.12	17,024	113,380
Western Ontario	15,062	1.51	22,789	212,320	65,560	2.17	142,232	943,043
Durham.....	831	1.50	1,247	11,223	3,518	2.17	7,634	45,804
Haliburton.....	86	1.28	110	990	311	2.00	622	3,732
Hastings.....	1,312	1.42	1,863	16,767	5,796	2.03	11,766	70,596
Muskoka.....	44	1.35	59	516	138	1.96	270	1,620
Northumberland.....	965	1.56	1,505	14,448	5,986	2.25	13,469	84,181
Ontario.....	794	1.25	993	9,434	4,003	2.17	8,687	52,122
Parry Sound.....	192	1.30	250	2,400	288	1.98	570	3,420
Peterborough.....	568	1.33	755	6,946	4,023	1.83	7,362	44,172
Prince Edward.....	975	1.45	1,414	12,726	4,622	2.00	9,244	55,464
Victoria.....	1,666	1.30	2,166	18,411	4,013	2.00	8,026	48,156
York.....	2,716	1.61	4,373	36,733	5,092	2.16	10,999	65,994
Central Ontario	10,149	1.45	14,735	130,594	37,790	2.08	78,649	475,261
Carleton.....	924	1.27	1,173	14,334	2,697	1.86	5,016	37,620
Dundas.....	598	1.30	777	9,324	1,531	1.67	2,557	19,816
Frontenac.....	806	1.10	887	10,644	1,828	1.50	2,742	20,428
Glengarry.....	1,011	1.10	1,112	12,132	2,094	1.75	3,664	27,846
Grenville.....	393	1.40	550	6,600	1,874	2.00	3,748	28,860
Lanark.....	1,223	1.35	1,651	19,812	2,810	1.98	5,564	42,676
Leeds.....	796	1.33	1,059	12,178	1,768	1.72	3,041	24,328
Lennox & Addington.....	766	1.25	958	9,580	3,398	2.08	7,068	56,544
Prescott.....	1,486	1.42	2,110	25,320	1,603	1.50	2,405	18,278
Renfrew.....	1,642	1.45	2,381	28,572	3,363	1.50	5,045	39,099
Russell.....	691	1.50	1,036	12,432	1,576	2.00	3,152	25,216
Stormont.....	728	1.55	1,128	13,536	1,318	2.15	2,834	22,105
Eastern Ontario	11,064	1.34	14,822	174,464	25,860	1.81	46,836	362,816
Algoma.....	102	1.45	148	1,850	354	2.00	708	6,018
Cochrane.....	214	1.00	214	2,942	351	1.45	509	4,377
Kenora.....	524	1.00	524	6,812	60	1.48	89	765
Manitoulin.....	421	1.38	581	7,553	1,841	1.88	3,461	29,418
Nipissing.....	496	1.25	620	8,060	467	1.86	869	7,604
Rainy River.....	1,098	1.66	1,823	23,699	382	1.75	667	5,670
Sudbury.....	892	1.50	1,338	17,394	1,263	1.84	2,324	20,219
Thunder Bay.....	1,022	1.42	1,451	18,863	631	1.81	1,142	9,821
Timiskaming.....	2,306	1.40	3,228	41,964	688	1.88	1,293	11,120
Northern Ontario	7,075	1.40	9,927	129,137	6,037	1.83	11,062	95,012
The Province, 1944.	52,700	1.44	75,900	778,000	183,000	2.10	384,000	2,573,000

ALFALFA AND HAY AND CLOVER

TABLE XV.—Showing by County Municipalities of Ontario the area, produce and market value of Alfalfa, Hay and Clover for the year 1944.

Counties and Districts	Alfalfa				Hay and Clover			
	Acres	Per acre	Tons	Market value	Acres	Per acre	Tons	Market value
				\$				\$
Brant.....	9,166	2.80	25,665	278,978	21,190	1.88	39,837	402,354
Elgin.....	15,462	3.00	46,386	515,812	45,344	1.75	79,352	798,281
Essex.....	14,163	2.56	36,257	406,078	17,983	1.86	33,448	341,170
Haldimand.....	34,398	2.49	85,651	942,161	31,444	1.88	59,115	603,564
Kent.....	24,736	2.73	67,529	759,701	26,099	2.08	54,286	552,088
Lambton.....	32,682	2.60	84,973	951,698	48,446	1.95	94,470	966,428
Lincoln.....	18,198	2.50	45,495	509,999	21,762	2.00	43,524	446,121
Middlesex.....	30,013	2.90	87,005	977,066	81,317	2.00	162,634	1,645,856
Norfolk.....	12,663	2.67	33,810	377,320	29,267	1.47	43,022	436,243
Oxford.....	14,161	2.83	40,076	440,836	69,793	2.09	145,867	1,517,016
Welland.....	11,876	2.50	29,690	329,559	39,014	1.33	51,889	524,078
Wentworth.....	14,192	2.83	40,163	451,834	30,234	2.13	64,398	678,111
Southern Ontario	231,710	2.69	622,700	6,941,042	461,893	1.89	871,842	8,911,310
Bruce.....	31,946	2.65	84,657	846,570	122,694	1.72	211,034	1,966,456
Dufferin.....	8,241	2.48	20,438	204,380	63,748	1.78	113,471	1,050,741
Grey.....	51,867	2.58	133,817	1,413,108	138,317	1.53	211,625	1,957,531
Halton.....	18,821	2.67	50,252	527,646	36,570	1.96	71,677	698,851
Huron.....	24,546	2.84	69,711	697,110	95,183	1.89	179,862	1,636,744
Peel.....	27,032	2.57	69,472	703,751	32,354	1.85	59,855	556,652
Perth.....	12,243	2.64	32,322	323,220	83,974	1.94	162,910	1,601,405
Simcoe.....	22,597	2.59	58,526	643,786	97,674	1.66	162,138	1,588,952
Waterloo.....	8,467	2.70	22,861	241,869	43,169	1.98	85,475	835,945
Wellington.....	21,412	2.62	55,671	565,060	112,622	1.60	180,195	1,692,031
Western Ontario	227,172	2.63	597,727	6,166,500	826,305	1.74	1,438,242	13,585,308
Durham.....	11,688	2.88	33,661	341,323	47,245	1.88	88,821	910,415
Haliburton.....	218	2.10	458	6,641	10,611	1.22	12,945	174,758
Hastings.....	27,245	2.86	77,921	783,071	61,937	1.25	77,421	766,468
Muskoka.....	121	2.12	254	3,528	26,995	1.25	33,744	430,236
Northumberland.....	23,221	2.66	61,768	713,888	46,584	1.79	83,385	750,465
Ontario.....	19,978	2.93	58,536	686,872	58,069	2.11	122,526	1,274,270
Parry Sound.....	212	2.14	454	6,506	34,718	1.50	52,077	729,078
Peterborough.....	13,872	2.57	35,651	365,779	48,507	2.03	98,469	984,690
Prince Edward.....	12,341	2.60	32,087	342,368	27,997	1.75	48,995	457,123
Victoria.....	14,967	2.48	37,118	408,298	62,462	1.30	81,201	847,738
York.....	40,816	2.97	121,224	1,454,688	52,537	2.13	111,904	1,230,944
Central Ontario	164,679	2.79	459,132	5,112,962	477,662	1.70	811,488	8,556,185
Carleton.....	18,016	2.30	41,437	528,322	90,334	1.14	102,981	1,184,282
Dundas.....	8,224	2.14	17,599	211,188	49,774	1.16	57,738	649,552
Frontenac.....	14,116	2.10	29,644	426,084	67,054	1.38	92,535	943,857
Glengarry.....	8,019	2.10	16,840	218,920	53,479	1.00	53,479	651,374
Grenville.....	7,438	2.00	14,876	178,512	48,165	1.32	63,578	728,604
Lanark.....	20,286	2.00	40,572	519,322	64,451	1.00	64,451	719,917
Leeds.....	14,181	2.11	29,922	373,127	65,269	1.43	93,335	1,132,154
Lennox & Addington.....	21,616	2.33	50,365	633,869	56,049	1.38	77,348	785,082
Prescott.....	3,651	2.33	8,507	108,464	57,254	1.19	68,132	851,650
Renfrew.....	22,957	2.06	47,291	624,241	77,958	1.33	103,684	1,332,339
Russell.....	3,874	2.00	7,748	100,724	44,582	1.09	48,582	602,417
Stormont.....	4,896	2.00	9,792	127,296	43,730	1.11	48,540	601,896
Eastern Ontario	147,274	2.14	314,593	4,050,069	718,099	1.22	874,383	10,183,124
Algoma.....	711	2.67	1,898	25,623	28,490	1.41	40,171	522,223
Cochrane.....	206	1.53	315	5,513	13,414	1.25	16,568	285,056
Kenora.....	276	2.00	552	8,832	5,795	1.50	8,693	130,395
Manitoulin.....	4,412	2.18	9,618	110,607	20,209	1.53	30,920	343,212
Nipissing.....	494	2.00	988	14,820	30,213	1.25	37,766	528,724
Rainy River.....	9,722	2.40	23,333	326,662	17,872	1.50	26,808	353,061
Sudbury.....	234	2.15	503	8,048	29,381	1.25	36,726	550,890
Thunder Bay.....	1,722	2.17	3,737	58,858	30,433	1.50	45,650	684,750
Timiskaming.....	388	2.33	904	14,464	29,234	1.25	36,543	562,762
Northern Ontario	18,165	2.30	41,848	573,427	205,041	1.37	280,045	3,961,073
The Province, 1944	789,000	2.58	2,036,000	22,844,000	2,689,000	1.59	4,276,000	45,197,000

PASTURE AND SOY BEANS

TABLE XVI.—Showing by County Municipalities the area in Cleared Pasture and Soy Beans in 1944.

Counties and Districts	Cleared Pasture	Soy Beans			
		Acres	Per Acre	Bushels	Market Value
					\$
Brant.....	27,847	361	19.3	6,967	13,934
Elgin.....	67,991	1,910	18.4	35,144	68,882
Essex.....	30,768	3,967	20.6	81,720	160,171
Haldimand.....	30,144	148	17.1	2,531	5,062
Kent.....	59,580	13,713	20.7	284,007	582,214
Lambton.....	112,576	3,902	17.1	66,724	136,784
Lincoln.....	16,927	840	16.5	13,860	28,136
Middlesex.....	160,359	4,799	16.8	80,623	161,255
Norfolk.....	33,884	3,983	20.1	80,058	169,723
Oxford.....	73,532	792	17.6	13,939	27,460
Welland.....	24,993	346	16.3	5,640	1,280
Wentworth.....	27,325	192	16.4	3,149	5,983
Southern Ontario.....	665,926	34,953	19.3	674,362	1,360,884
Bruce.....	132,269	287	20.1	5,769	10,961
Dufferin.....	55,257	40	19.1	764	1,490
Grey.....	143,811	180	17.9	3,222	6,186
Halton.....	25,541	153	18.3	2,800	5,488
Huron.....	149,954	2,932	17.5	51,310	99,028
Peel.....	45,912	344	15.6	5,366	10,249
Perth.....	86,328	458	19.6	8,977	17,236
Simcoe.....	94,873	435	18.6	8,091	15,696
Waterloo.....	28,714	265	17.5	4,638	9,044
Wellington.....	80,498	188	17.8	3,346	6,525
Western Ontario.....	843,157	5,282	17.8	94,283	181,903
Durham.....	64,604	242	18.0	4,356	8,494
Haliburton.....	11,257	214	13.2	2,825	5,452
Hastings.....	94,487	288	19.1	5,501	10,727
Muskoka.....	19,153	537	15.8	8,485	16,206
Northumberland.....	66,897	206	16.1	3,317	6,468
Ontario.....	66,993	516	18.8	9,701	18,723
Parry Sound.....	21,714	13	15.4	200	384
Peterborough.....	58,482	56	16.1	902	1,759
Prince Edward.....	40,368	47	16.3	766	1,494
Victoria.....	60,731	30	16.2	486	943
York.....	51,188	644	20.2	13,009	24,977
Central Ontario.....	555,874	2,793	17.7	49,548	95,627
Carleton.....	91,243	226	18.1	4,091	7,855
Dundas.....	45,312	80	15.5	1,240	2,356
Frontenac.....	73,648	33	17.8	587	1,133
Glengarry.....	43,816	227	16.1	3,655	7,018
Grenville.....	45,116	146	13.6	1,986	3,873
Lanark.....	110,391	121	16.2	1,960	3,822
Leeds.....	102,431	55	16.9	930	1,814
Lennox and Addington.....	63,531	409	15.8	6,462	12,472
Prescott.....	53,352	43	16.8	722	1,393
Renfrew.....	89,116	66	16.3	1,076	2,055
Russell.....	33,928	140	15.7	2,198	4,198
Stormont.....	42,123	66	15.3	1,010	1,919
Eastern Ontario.....	794,007	1,612	16.1	25,917	49,908
Algoma.....	12,249	9	14.5	131	249
Cochrane.....	4,413	1	15.2	15	29
Kenora.....	1,432	2	14.7	29	55
Manitoulin.....	11,661	2	16.2	32	61
Nipissing.....	12,807	8	15.5	124	233
Rainy River.....	8,593	20	15.1	302	565
Sudbury.....	11,858	8	13.8	110	209
Thunder Bay.....	5,813	5	14.7	74	139
Timiskaming.....	11,210	5	14.6	73	138
Northern Ontario.....	80,036	60	14.8	890	1,678
The Province, 1944.....	2,939,000	44,700	18.9	845,000	1,690,000

MANGELS AND ALL FIELD CROPS

TABLE XVII.—Showing by County Municipalities of Ontario the area, produce and market value of Mangels and all Field Crops enumerated in Tables VII to XVII for the year 1944.

Counties and Districts	Mangels				All Field Crops		
	Acres	Per acre	Bushels	Market value	Acres	Value	Per acre
Brant.....	352	472	166,144	\$ 36,552	110,493	\$ 3,139,846	28.42
Elgin.....	128	462	59,136	13,010	188,057	5,360,218	28.50
Essex.....	348	472	164,256	36,136	224,152	7,832,427	34.94
Haldimand.....	28	456	12,768	2,809	138,937	3,293,498	23.70
Kent.....	184	458	84,272	18,540	351,821	12,337,582	35.07
Lambton.....	356	452	160,912	35,401	281,937	8,148,481	28.90
Lincoln.....	111	458	50,838	11,184	81,582	2,094,644	25.68
Middlesex.....	806	446	359,476	79,085	316,327	9,631,890	30.45
Norfolk.....	124	462	57,288	12,603	134,012	3,499,643	26.11
Oxford.....	1,144	456	521,664	114,766	252,183	7,184,060	28.49
Welland.....	71	451	32,021	7,045	96,034	1,940,161	20.20
Wentworth.....	912	450	410,400	90,288	125,153	3,889,145	31.08
Southern Ontario	4,564	456	2,079,175	457,419	2,300,688	68,351,595	29.71
Bruce.....	597	474	282,978	62,255	332,330	7,850,902	23.62
Dufferin.....	266	474	126,084	27,738	164,048	3,910,867	23.84
Grey.....	1,012	470	475,640	104,641	430,736	9,987,846	23.19
Halton.....	244	473	115,412	25,391	122,121	3,213,458	26.31
Huron.....	2,436	471	1,147,964	252,552	354,421	9,312,213	26.27
Peel.....	226	478	108,028	23,766	136,176	3,566,726	26.19
Perth.....	1,606	468	751,608	165,354	344,178	8,858,571	25.74
Simcoe.....	796	468	372,528	81,956	340,648	8,777,298	25.77
Waterloo.....	1,543	466	719,038	158,188	182,082	5,203,374	28.58
Wellington.....	1,414	470	664,580	146,208	326,958	7,512,897	22.98
Western Ontario	10,140	470	4,763,860	1,048,049	2,733,698	68,194,152	24.95
Durham.....	436	450	196,200	43,164	163,555	3,987,257	24.38
Haliburton.....	4	440	1,760	387	18,683	348,083	18.63
Hastings.....	48	458	21,984	4,836	195,476	4,134,702	21.15
Muskoka.....	26	446	11,596	2,551	37,814	728,033	19.25
Northumberland.....	294	461	135,534	29,817	188,543	4,274,901	22.67
Ontario.....	1,261	450	567,450	124,839	218,638	5,975,582	27.33
Parry Sound.....	24	436	10,464	2,302	56,868	1,467,714	25.81
Peterborough.....	260	456	118,560	26,083	125,616	2,999,139	23.88
Prince Edward.....	58	454	26,332	5,793	86,791	1,777,768	20.48
Victoria.....	413	450	185,850	40,887	171,567	3,479,791	20.28
York.....	1,602	464	743,328	163,532	267,364	8,259,127	30.89
Central Ontario	4,426	456	2,019,058	444,191	1,530,915	37,432,097	24.45
Carleton.....	146	402	58,692	12,912	219,218	4,659,003	21.25
Dundas.....	23	406	9,338	2,054	117,934	2,414,675	20.47
Frontenac.....	18	402	7,236	1,592	110,608	2,221,329	20.08
Glengarry.....	32	408	13,056	2,872	115,732	1,926,971	16.65
Grenville.....	58	388	22,504	4,951	95,976	1,934,335	20.15
Lanark.....	30	402	12,060	2,653	146,001	2,656,818	18.20
Leeds.....	61	408	24,888	5,475	141,328	3,020,898	21.38
Lennox & Addington.....	54	394	21,276	4,681	142,288	2,693,814	18.93
Prescott.....	36	398	14,328	3,152	128,929	2,323,303	18.02
Renfrew.....	56	400	22,400	4,928	199,859	4,565,009	22.84
Russell.....	90	390	35,100	7,722	107,116	2,112,583	19.72
Stormont.....	33	390	12,870	2,832	94,105	1,788,963	19.01
Eastern Ontario	637	398	253,748	55,824	1,619,094	32,317,701	19.96
Algoma.....	29	334	9,686	2,131	53,334	1,351,169	25.33
Cochrane.....	21	372	7,812	1,719	32,670	1,105,429	33.84
Kenora.....	4	362	1,448	319	14,486	336,918	23.26
Manitoulin.....	46	372	17,112	3,765	40,728	833,559	20.47
Nipissing.....	12	368	4,416	972	52,750	1,175,111	22.28
Rainy River.....	34	354	12,036	2,648	46,878	1,138,785	24.29
Sudbury.....	14	364	5,096	1,121	52,607	1,466,881	27.88
Thunder Bay.....	48	361	17,328	3,812	44,982	1,220,187	27.13
Timiskaming.....	25	369	9,225	2,030	65,070	1,518,416	23.34
Northern Ontario	233	361	84,159	18,517	403,505	10,146,455	25.15
The Province, 1944..	20,000	460	9,200,000	2,024,000	8,587,900	216,442,000	25.20

HORSES ON HAND

TABLE XVIII.—Showing by County Municipalities the number and value of Horses on hand June 1st, 1944.

Counties and Districts	Stallions, 2 yrs. old and over	Mares, 2 yrs. old and over	Geldings, 2 yrs. old and over	Colts and Fillies, under 2 years	Total Horses	
					Number	Value
						\$
Brant.....	35	3,796	3,368	1,261	8,460	693,720
Elgin.....	46	5,561	5,317	1,354	12,278	1,019,074
Essex.....	55	5,792	5,882	1,234	12,963	1,101,855
Haldimand.....	26	3,585	3,218	1,034	7,863	676,218
Kent.....	53	7,413	6,298	1,656	15,420	1,279,860
Lambton.....	65	7,563	6,341	1,948	15,917	1,305,194
Lincoln.....	18	2,112	2,463	342	4,935	424,410
Middlesex.....	115	10,043	8,437	2,864	21,459	1,759,638
Norfolk.....	38	4,269	4,781	696	9,784	851,208
Oxford.....	58	7,176	6,752	1,578	15,564	1,291,812
Welland.....	16	2,361	2,189	584	5,150	448,050
Wentworth.....	36	3,794	3,568	707	8,105	697,030
Southern Ontario.....	561	63,465	58,614	15,258	137,898	11,548,069
Bruce.....	116	8,898	7,793	2,471	19,278	1,580,796
Dufferin.....	34	4,315	3,845	1,703	9,897	810,734
Grey.....	66	10,766	9,532	2,699	23,063	1,960,355
Halton.....	26	2,340	2,523	545	5,434	489,060
Huron.....	82	9,532	8,592	2,472	20,678	1,716,274
Peel.....	46	3,788	3,182	1,124	8,140	740,740
Perth.....	50	8,162	7,403	1,963	17,578	1,441,396
Simcoe.....	76	8,012	6,652	1,992	16,732	1,505,880
Waterloo.....	52	5,863	5,215	1,592	12,722	1,081,370
Wellington.....	64	8,854	7,883	2,033	18,834	1,544,388
Western Ontario.....	612	70,530	62,620	18,594	152,356	12,870,993
Durham.....	46	4,443	2,864	896	8,249	684,667
Haliburton.....	16	534	638	52	1,240	120,280
Hastings.....	59	5,683	5,354	1,416	12,512	1,063,520
Muskoka.....	12	901	928	141	1,982	194,236
Northumberland.....	52	5,056	4,655	1,076	10,839	888,798
Ontario.....	82	6,107	5,206	1,235	12,630	1,060,378
Parry Sound.....	22	1,645	1,696	347	3,710	422,940
Peterborough.....	30	3,538	4,083	926	8,577	703,314
Prince Edward.....	18	2,816	2,402	596	5,832	501,552
Victoria.....	45	4,358	4,173	1,152	9,728	797,696
York.....	104	6,852	6,404	1,503	14,863	1,381,843
Central Ontario.....	486	41,933	38,403	9,340	90,162	7,819,224
Carleton.....	54	5,816	5,141	1,762	12,773	1,187,889
Dundas.....	28	3,352	2,954	951	7,285	655,650
Frontenac.....	24	3,777	2,240	946	6,987	600,882
Glengarry.....	38	3,356	3,224	906	7,524	699,732
Grenville.....	17	2,642	3,401	698	6,758	648,768
Lanark.....	46	4,020	3,932	988	8,986	844,684
Leeds.....	37	3,884	3,763	933	8,617	792,764
Lennox and Addington.....	17	3,334	3,116	812	7,279	655,110
Prescott.....	56	3,324	3,162	806	7,348	683,364
Renfrew.....	56	6,471	5,515	1,625	13,667	1,298,365
Russell.....	48	2,679	2,397	938	6,062	575,890
Stormont.....	52	2,668	2,203	817	5,740	545,300
Eastern Ontario.....	473	45,323	41,048	12,182	99,026	9,188,398
Algoma.....	19	1,481	1,696	447	3,643	426,231
Cochrane.....	38	1,412	2,131	190	3,771	433,665
Kenora.....	5	356	658	32	1,051	129,273
Manitoulin.....	11	1,296	1,124	371	2,802	297,012
Nipissing.....	14	1,411	1,513	368	3,306	400,026
Rainy River.....	29	1,223	1,358	232	2,842	329,672
Sudbury.....	30	1,372	1,784	357	3,543	400,359
Thunder Bay.....	9	766	1,552	70	2,397	273,258
Timiskaming.....	26	1,597	1,785	402	3,810	464,820
Northern Ontario.....	181	10,914	13,601	2,469	27,165	3,154,316
The Province, 1944.....	2,313	232,165	214,286	57,843	506,607	44,581,000

CATTLE ON HAND

TABLE XIX.—Showing by County Municipalities the number of Cattle on hand, June 1st, 1944.

Counties and Districts	Bulls for breeding	Cows for milk purposes	Cows for beef purposes	Yearlings for milk purposes	Yearlings for beef purposes	Calves	All other cattle
Brant	1,346	15,226	876	4,024	1,167	6,681	2,827
Elgin	1,423	26,546	1,642	6,266	1,718	13,225	6,768
Essex	661	20,405	471	4,658	400	6,896	890
Haldimand	794	14,570	861	4,151	1,245	8,618	2,725
Kent	828	19,233	3,174	5,103	1,973	16,451	9,254
Lambton	1,225	26,726	4,198	6,006	5,093	22,382	17,274
Lincoln	456	9,116	422	2,043	342	4,282	604
Middlesex	2,391	44,988	6,886	10,651	7,667	27,176	26,357
Norfolk	757	14,030	162	4,191	981	5,695	734
Oxford	2,766	48,368	1,598	15,781	1,735	18,368	5,118
Welland	451	9,488	571	1,938	372	3,268	336
Wentworth	1,142	17,916	584	4,481	627	7,731	1,715
Southern Ontario	14,240	266,612	21,445	69,293	23,320	140,773	74,602
Bruce	1,874	37,762	7,884	7,178	8,972	34,505	30,859
Dufferin	709	15,283	2,634	3,086	3,829	12,212	11,313
Grey	2,686	44,751	6,563	9,353	10,809	34,268	33,294
Halton	855	13,184	638	3,879	921	7,461	2,001
Huron	1,997	42,147	7,262	8,987	10,616	34,718	28,736
Peel	1,161	21,436	906	5,859	1,431	10,112	3,541
Perth	2,296	40,912	2,681	11,229	5,306	25,916	14,497
Simcoe	1,494	39,142	3,231	8,341	5,679	25,376	17,308
Waterloo	1,286	23,552	898	6,171	1,182	12,812	5,572
Wellington	1,859	31,385	5,023	6,996	6,681	25,426	19,765
Western Ontario	16,217	309,554	37,720	71,079	55,426	222,806	166,886
Durham	823	17,257	3,052	4,296	2,463	13,746	6,103
Haliburton	134	3,184	172	765	205	2,403	633
Hastings	2,194	39,639	796	9,415	676	18,482	2,600
Muskoka	248	5,324	282	1,264	256	2,938	899
Northumberland	1,284	26,298	1,292	7,138	1,668	15,389	3,332
Ontario	1,632	29,132	4,186	6,839	3,593	18,168	8,747
Parry Sound	494	10,808	882	2,399	862	7,122	2,638
Peterborough	944	18,756	966	4,959	1,321	12,884	4,668
Prince Edward	753	12,708	266	3,896	1,163	5,814	190
Victoria	841	18,172	3,486	4,262	3,865	13,573	10,971
York	1,966	35,794	1,298	8,409	1,334	13,701	3,158
Central Ontario	11,313	217,072	16,678	53,642	17,406	124,220	43,939
Carleton	1,962	39,753	1,516	10,211	1,416	17,047	7,873
Dundas	1,676	29,876	166	7,801	312	7,774	33
Frontenac	1,533	28,592	652	6,729	722	10,410	1,782
Glenarry	1,834	28,681	171	7,178	248	8,946	91
Grenville	791	17,479	261	4,993	161	5,851	203
Lanark	1,217	25,988	2,133	6,351	2,244	16,541	8,041
Leeds	1,873	35,389	249	9,432	383	12,951	371
Lennox & Addington	1,098	21,006	676	5,721	829	9,003	2,548
Prescott	1,833	25,635	232	7,138	507	8,351	253
Renfrew	1,838	30,135	2,223	6,981	2,394	21,393	13,944
Russell	1,624	22,866	128	6,171	356	8,418	323
Stormont	1,563	24,911	211	5,914	284	6,319	61
Eastern Ontario	18,842	330,311	8,618	84,620	9,856	133,004	35,523
Algoma	348	6,450	874	2,068	504	5,103	1,782
Cochrane	768	7,827	182	2,441	251	4,828	690
Kenora	116	1,886	66	514	39	1,015	88
Manitoulin	261	6,955	1,596	1,346	1,286	5,776	4,032
Nipissing	812	9,973	266	2,696	388	6,398	1,126
Rainy River	316	5,322	266	1,586	224	5,113	917
Sudbury	868	9,551	377	2,692	387	6,243	769
Thunder Bay	323	6,737	126	1,764	231	4,168	274
Timiskaming	714	9,368	341	2,681	242	6,288	1,154
Northern Ontario	4,526	64,069	4,094	17,788	3,552	44,932	10,832
The Province, 1944	65,138	1,187,618	88,555	296,422	109,560	665,735	331,782

TOTAL CATTLE AND SHEEP AND LAMBS ON HAND

TABLE XX.—Showing by County Municipalities the number and value of Cattle on hand, June 1st, 1944.

Counties and Districts	Total Cattle		Sheep and Lambs		
	Number	Value	Ewes 1 year and over	Rams 1 year and over	Lambs Under 1 year
		\$			
Brant	32,147	2,285,973	2,468	99	2,073
Elgin	57,588	3,550,300	6,432	214	5,774
Essex	34,381	2,193,852	1,928	101	1,963
Haldimand	32,964	1,908,945	4,711	168	4,981
Kent	56,016	3,096,074	3,311	381	3,142
Lambton	82,904	4,649,256	10,696	498	10,986
Lincoln	17,265	1,054,374	2,232	128	2,021
Middlesex	126,116	8,053,768	9,233	838	10,145
Norfolk	26,550	1,803,542	1,685	148	1,576
Oxford	93,734	6,040,219	3,583	164	3,473
Welland	16,424	960,968	996	41	1,033
Wentworth	34,196	2,541,105	2,662	178	2,617
Southern Ontario	610,285	38,138,376	49,937	2,958	49,784
Bruce	129,034	8,779,473	15,350	646	14,116
Dufferin	49,066	2,533,559	13,427	476	14,453
Grey	141,724	7,191,076	32,892	1,192	32,973
Halton	28,939	1,236,274	4,338	176	4,734
Huron	134,463	7,337,646	10,741	521	10,881
Peel	44,446	2,886,323	4,966	202	5,269
Perth	102,837	5,647,808	3,920	188	3,841
Simcoe	100,571	5,138,172	21,216	735	20,033
Waterloo	51,473	3,227,357	1,545	74	1,786
Wellington	97,135	5,470,643	14,501	595	14,861
Western Ontario	879,688	49,448,331	122,896	4,805	122,947
Durham	47,740	2,632,861	10,216	476	10,554
Haliburton	7,496	330,724	921	71	908
Hastings	73,802	3,299,687	10,113	478	10,686
Muskoka	11,211	515,482	1,432	98	1,442
Northumberland	56,401	2,783,389	5,586	276	5,694
Ontario	72,297	4,374,691	13,985	561	14,363
Parry Sound	25,205	1,152,877	4,247	212	4,275
Peterborough	44,498	2,268,063	5,346	221	5,774
Prince Edward	24,790	1,375,597	3,047	118	3,292
Victoria	55,170	2,799,326	13,747	548	13,657
York	65,660	4,917,277	8,831	386	8,175
Central Ontario	484,270	26,449,974	77,471	3,445	78,820
Carleton	79,778	4,056,711	8,601	270	9,032
Dundas	47,638	2,676,779	898	74	963
Frontenac	50,420	2,370,748	4,574	296	4,591
Glengarry	47,149	2,447,033	1,698	78	1,683
Grenville	29,739	1,374,239	4,048	122	4,056
Lanark	62,515	2,975,714	17,189	704	17,431
Leeds	60,648	3,027,548	5,675	128	5,844
Lennox and Addington	40,881	2,164,240	3,505	142	3,484
Prescott	43,949	2,142,953	1,304	124	1,317
Renfrew	78,908	3,389,888	23,324	1,177	23,181
Russell	39,886	1,898,574	1,662	88	1,782
Stormont	39,263	2,233,672	994	46	821
Eastern Ontario	620,774	30,758,099	73,472	3,249	74,185
Algoma	17,129	855,080	3,613	166	3,642
Cochrane	16,987	847,991	1,345	128	967
Kenora	3,724	159,983	475	31	387
Manitoulin	21,252	1,085,765	10,429	412	10,443
Nipissing	21,659	905,346	2,984	272	2,874
Rainy River	13,744	590,442	8,921	282	9,074
Sudbury	20,887	873,077	1,496	74	1,426
Thunder Bay	13,623	601,047	1,621	118	1,461
Timiskaming	20,788	941,489	5,192	174	4,807
Northern Ontario	149,793	6,860,220	36,076	1,657	35,081
The Province, 1944	2,744,810	151,655,000	359,852	16,114	360,817

TOTAL SHEEP AND SWINE ON HAND

TABLE XXI.—Showing by County Municipalities the number and value of Swine on hand, June 1st, 1944.

Counties and Districts	Total Sheep and Lambs		Swine		Total Swine	
	Number	Value	Six months and over	Under six months	Number	Value
		\$				\$
Brant.....	4,640	40,832	4,218	20,032	24,250	305,550
Elgin.....	12,420	101,844	11,236	40,633	51,869	591,307
Essex.....	3,992	31,936	21,071	56,366	77,437	805,345
Haldimand.....	9,860	75,922	5,972	27,084	33,056	409,894
Kent.....	6,834	59,446	23,058	70,551	93,609	1,067,143
Lambton.....	22,180	195,184	13,896	59,372	73,268	835,255
Lincoln.....	4,381	38,114	2,332	9,236	11,568	143,443
Middlesex.....	20,216	173,858	13,286	63,886	77,172	941,498
Norfolk.....	3,409	27,954	5,555	19,237	24,792	282,629
Oxford.....	7,220	55,594	9,972	47,034	57,006	706,874
Welland.....	2,070	16,146	1,846	6,588	8,434	96,148
Wentworth.....	5,457	43,656	5,854	23,219	29,073	331,432
Southern Ontario.....	102,679	860,486	118,296	443,238	561,534	6,516,518
Bruce.....	30,112	261,974	8,360	56,977	65,337	823,246
Dufferin.....	28,356	232,519	6,817	27,764	34,581	442,637
Grey.....	67,057	549,481	15,728	80,018	95,746	1,187,250
Halton.....	9,248	76,758	6,027	15,774	21,801	270,332
Huron.....	22,143	186,001	15,434	80,198	95,632	1,204,787
Peel.....	10,437	83,496	6,270	26,386	32,656	404,934
Perth.....	7,949	62,797	18,893	94,755	113,648	1,591,072
Simcoe.....	41,984	344,269	16,285	64,522	80,807	1,034,330
Waterloo.....	3,405	28,602	14,104	56,794	70,898	879,135
Wellington.....	29,957	245,647	14,631	65,964	80,595	1,015,497
Western Ontario.....	250,648	2,071,544	122,549	569,152	691,701	8,853,220
Durham.....	21,246	152,971	6,418	23,124	29,542	378,138
Haliburton.....	1,900	12,540	411	1,711	2,122	22,069
Hastings.....	21,277	138,301	7,016	40,600	47,616	523,776
Muskoka.....	2,972	21,398	523	1,717	2,240	26,208
Northumberland.....	11,556	85,514	6,982	34,631	41,613	499,356
Ontario.....	28,909	219,708	9,996	41,344	51,340	636,616
Parry Sound.....	8,734	54,151	1,011	3,836	4,847	52,348
Peterborough.....	11,341	81,655	3,185	18,998	22,183	252,886
Prince Edward.....	6,457	49,073	2,485	13,610	16,095	209,235
Victoria.....	27,952	206,845	7,398	25,548	32,946	375,594
York.....	17,392	142,614	16,548	59,398	75,946	941,730
Central Ontario.....	159,736	1,164,770	61,973	264,517	326,490	3,917,946
Carleton.....	17,903	128,902	5,778	28,816	34,594	370,156
Dundas.....	1,935	14,513	3,752	16,513	20,265	231,021
Frontenac.....	9,461	68,119	4,472	15,248	19,720	212,976
Glengarry.....	3,459	24,905	4,482	17,216	21,698	245,187
Grenville.....	8,226	55,114	3,346	9,523	12,869	146,707
Lanark.....	35,324	254,332	2,978	15,468	18,446	191,838
Leeds.....	11,647	83,858	3,998	17,896	21,894	227,698
Lennox and Addington.....	7,131	52,769	3,677	18,128	21,805	248,577
Prescott.....	2,745	17,019	5,085	25,368	30,453	316,711
Renfrew.....	47,682	295,628	6,204	24,638	30,842	320,757
Russell.....	3,532	26,137	4,556	18,013	22,569	234,718
Stormont.....	1,861	13,399	4,048	16,660	20,708	215,363
Eastern Ontario.....	150,906	1,034,695	52,376	223,487	275,863	2,961,709
Algoma.....	7,421	51,205	891	4,725	5,616	58,406
Cochrane.....	2,440	20,008	1,614	4,884	6,498	80,575
Kenora.....	893	5,894	366	702	1,068	12,175
Manitoulin.....	21,284	146,860	653	3,113	3,766	36,907
Nipissing.....	6,130	38,619	1,635	6,115	7,750	75,950
Rainy River.....	18,277	113,317	1,021	2,355	3,376	33,085
Sudbury.....	2,996	20,672	1,788	5,164	6,952	72,301
Thunder Bay.....	3,200	19,840	1,006	2,687	3,693	42,001
Timiskaming.....	10,173	64,090	1,232	4,461	5,693	59,207
Northern Ontario.....	72,814	480,505	10,206	34,206	44,412	470,607
The Province, 1944.....	736,783	5,612,000	365,400	1,534,600	1,900,000	22,720,000

POULTRY ON HAND

TABLE XXII.—Showing by County Municipalities the number and value of Poultry on hand, June 1st, 1944.

Counties and Districts	Turkeys	Geese	Ducks	Other Fowls	Total Poultry	
					Number	Value
						\$
Brant.....	4,139	3,391	4,110	515,490	527,130	400,882
Elgin.....	25,478	4,804	6,755	551,768	588,805	388,611
Essex.....	18,246	7,770	19,332	858,101	903,449	569,173
Haldimand.....	23,208	3,636	5,972	592,909	625,725	425,293
Kent.....	14,235	8,694	35,701	1,095,296	1,153,926	738,513
Lambton.....	62,719	12,139	21,487	1,480,049	1,576,394	993,128
Lincoln.....	12,821	1,726	7,225	369,815	391,587	285,959
Middlesex.....	64,235	13,664	22,320	1,197,816	1,298,035	882,664
Norfolk.....	8,943	2,960	4,372	556,166	572,441	389,260
Oxford.....	4,601	6,126	11,962	819,055	841,744	572,386
Welland.....	8,210	1,823	5,769	308,716	324,518	230,408
Wentworth.....	5,584	3,690	4,773	516,961	531,008	398,256
Southern Ontario.....	252,419	70,423	149,778	8,862,142	9,334,762	6,274,733
Bruce.....	27,377	9,765	7,669	692,202	737,013	456,948
Dufferin.....	1,562	10,878	3,392	406,790	422,622	321,193
Grey.....	12,714	18,188	11,778	818,200	860,880	542,354
Halton.....	5,760	4,356	16,363	469,367	495,846	357,009
Huron.....	15,032	16,393	19,356	1,628,845	1,679,626	1,041,368
Peel.....	10,282	7,857	21,804	498,471	538,414	376,890
Perth.....	5,475	12,170	12,974	973,233	1,003,852	632,427
Simcoe.....	24,674	16,122	9,201	751,393	801,390	536,931
Waterloo.....	4,000	4,735	4,798	633,762	647,295	433,687
Wellington.....	2,783	16,230	9,883	948,026	976,922	616,217
Western Ontario.....	109,659	116,694	117,218	7,820,289	8,163,860	5,315,024
Durham.....	7,084	8,875	5,260	558,974	580,193	382,927
Haliburton.....	2,565	324	121	25,424	28,434	21,041
Hastings.....	14,217	6,046	2,138	402,677	425,078	276,301
Muskoka.....	1,266	676	402	61,306	63,650	51,557
Northumberland.....	9,849	5,127	2,726	623,496	641,198	384,719
Ontario.....	10,248	9,164	6,174	641,651	667,237	453,721
Parry Sound.....	3,181	3,190	461	87,851	94,683	78,587
Peterborough.....	12,357	4,564	1,844	337,592	356,357	228,068
Prince Edward.....	1,656	1,855	1,570	264,136	269,217	185,760
Victoria.....	13,048	8,629	3,334	581,738	606,749	382,252
York.....	16,503	13,467	12,526	930,075	972,571	700,251
Central Ontario.....	91,974	61,917	36,556	4,514,920	4,705,367	3,145,184
Carleton.....	20,829	8,239	7,027	553,046	589,141	382,942
Dundas.....	5,740	4,962	3,267	428,266	442,235	287,453
Frontenac.....	28,859	2,165	2,594	254,746	288,364	187,437
Glengarry.....	13,810	1,152	712	243,292	258,966	176,777
Grenville.....	7,340	2,198	2,594	240,056	252,188	161,400
Lanark.....	26,524	2,300	718	301,044	330,586	218,187
Leeds.....	22,291	2,638	4,129	317,670	346,728	232,308
Lennox and Addington.....	11,214	2,239	2,946	404,066	420,465	252,279
Prescott.....	9,360	2,216	902	256,365	268,843	163,994
Renfrew.....	24,993	5,640	812	424,660	456,105	282,785
Russell.....	947	4,733	1,122	208,245	215,047	135,480
Stormont.....	7,321	2,087	761	395,229	405,398	255,401
Eastern Ontario.....	179,228	40,569	27,584	4,026,685	4,274,066	2,736,443
Algoma.....	7,118	1,642	283	126,237	135,280	108,224
Cochrane.....	717	235	405	132,672	134,029	108,563
Kenora.....	1,121	140	127	52,461	53,849	39,310
Manitoulin.....	19,426	1,099	360	69,087	89,972	67,479
Nipissing.....	1,015	749	120	87,938	89,822	68,264
Rainy River.....	5,746	704	250	75,098	81,798	59,713
Sudbury.....	1,326	496	162	104,271	106,255	77,566
Thunder Bay.....	2,086	790	260	182,328	185,464	135,389
Timiskaming.....	1,512	916	319	110,212	112,959	88,108
Northern Ontario.....	40,067	6,771	2,286	940,304	989,428	752,616
The Province, 1944.....	673,347	296,374	333,422	26,164,340	27,467,483	18,224,000

PART II—CHATTEL MORTGAGES

Table showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages on record and undischarged on December 31st, for the years 1942 and 1943, 1944, together with totals for the Province for all occupations as well as for "farmers," as far as given in the records.

Counties and Districts	1944		1943		1942	
	No.	Amount	No.	Amount	No.	Amount
		\$		\$		\$
Algoma	532	233,696	131	188,699	156	228,676
Brant	294	289,866	220	266,016	289	353,339
Bruce	172	287,507	187	262,772	158	285,142
Carleton	1,503	2,005,469	1,813	2,152,395	2,222	2,419,656
Cochrane	697	614,821	695	598,029	679	707,322
Dufferin	82	202,854	95	208,614	108	244,464
Elgin	284	518,949	345	553,079	358	592,415
Essex	3,761	2,862,300	3,595	3,129,705	2,739	1,467,294
Frontenac	897	409,988	732	430,919	675	451,751
Grey	257	610,379	306	627,700	365	648,912
Haldimand	144	183,908	147	175,139	133	166,665
Halton	300	507,159	290	275,920	297	450,853
Hastings	682	435,322	655	349,053	504	502,600
Huron	262	479,725	299	530,532	308	589,940
Kenora	118	201,800	123	137,501	138	221,348
Kent	828	1,223,826	675	1,295,793	797	1,394,810
Lambton	630	410,685	522	414,278	381	376,753
Lanark	114	227,372	135	245,626	165	275,864
Leeds and Grenville	290	498,326	249	449,411	286	415,548
Lennox and Addington	134	342,105	118	353,178	158	268,798
Lincoln	725	596,441	534	456,384	587	1,293,841
Manitoulin	36	38,207	35	43,199	51	39,456
Middlesex	1,769	1,131,466	1,653	996,835	1,496	964,160
Muskoka	78	223,420	87	204,490	292	330,628
Nipissing	167	354,784	196	317,353	196	561,896
Norfolk	223	261,542	202	289,767	217	351,856
Northumberland and Durham	226	342,653	264	405,058	300	432,144
Ontario	414	501,909	423	626,905	569	711,229
Oxford	301	468,000	308	457,391	389	578,662
Parry Sound	71	94,298	78	233,317	111	222,061
Peel	264	290,173	197	242,091	240	300,673
Perth	271	410,563	236	463,929	300	512,711
Peterborough	321	304,553	345	306,418	388	286,979
Prescott and Russell	329	689,143	322	560,947	387	710,199
Prince Edward	184	280,151	200	259,811	211	312,414
Rainy River	73	94,105	88	94,600	95	79,592
Renfrew	142	244,118	178	324,442	201	373,736
Simcoe	366	787,742	381	944,909	516	749,022
Stormont, Dundas and Glengarry	1,114	884,712	480	806,728	460	708,121
Sudbury	782	425,384	1,077	584,794	963	462,525
Thunder Bay	630	493,133	377	305,582	386	430,575
Timiskaming	148	345,510	156	418,251	401	1,142,898
Victoria and Haliburton	134	346,523	144	346,168	214	303,328
Waterloo	447	585,556	452	719,528	674	1,108,428
Welland	1,405	1,028,037	1,142	875,590	1,014	826,028
Wellington	347	559,425	363	605,369	455	652,572
Wentworth	2,880	2,403,157	2,903	2,316,630	2,663	2,518,614
York	12,831	15,871,797	12,232	11,812,539	14,200	12,694,388
Total:						
All occupations	38,659	42,602,559	36,385	38,663,384	38,892	41,720,886
Farmers as given	3,989	9,203,113	4,337	10,022,980	5,661	11,876,118
Occupations not given	27,139	12,648,742	25,109	11,544,460	23,362	10,712,571

PART III.

Comparative Farm Statistics for
Sixty-Three Years—1882-1944

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 1944, together with the annual averages for the various periods of ten years and the average for the sixty-three years.

Years	Fall Wheat				Spring Wheat			
	Acres	Bushels	Per acre	Market Value	Acres	Bushels	Per acre	Market value
1944	668,000	20,908,000	31.3	22,790,000	37,800	771,000	20.4	833,000
1943	601,000	13,222,000	22.0	14,148,000	37,800	635,000	16.8	673,000
1942	757,000	23,391,000	30.9	20,584,000	42,000	861,000	20.5	758,000
1941	565,500	15,042,000	26.6	14,139,000	45,300	834,000	18.4	751,000
1940	775,400	22,099,000	28.5	13,922,000	69,200	1,301,000	18.8	846,000
1939	734,988	22,271,000	30.3	14,253,000	81,757	1,550,000	18.9	1,023,000
1938	742,062	19,805,775	26.7	11,082,514	88,001	1,592,289	18.1	923,545
1937	718,813	18,691,535	26.0	19,427,921	94,174	1,600,648	17.0	1,638,457
1936	509,306	12,478,456	24.5	13,601,343	97,972	1,735,147	17.7	1,874,293
1935	555,073	12,600,690	22.7	8,946,898	98,807	1,857,135	18.8	1,356,077
1934	425,594	6,724,089	15.8	5,917,025	96,373	1,803,088	18.7	1,533,062
1933	558,970	14,030,553	25.1	9,259,526	96,701	1,662,969	17.2	1,114,229
1932	536,292	15,061,600	28.1	6,929,113	100,068	1,990,368	19.9	895,980
1931	525,024	15,013,555	28.6	7,747,787	90,183	1,982,594	20.0	1,008,547
1930	676,802	18,047,207	26.7	11,958,527	98,966	2,179,204	22.0	1,426,734
1929	691,662	17,820,739	25.8	22,092,590	106,610	1,929,892	18.1	2,416,054
1928	693,660	16,766,408	24.2	20,456,753	109,805	2,181,855	19.9	2,599,815
1927	751,377	19,447,536	25.9	24,254,806	119,580	2,408,055	20.1	2,939,777
1926	807,015	20,988,030	26.0	26,262,506	115,497	2,166,054	18.8	2,708,690
1925	747,101	22,764,736	30.5	30,420,639	113,338	2,440,632	21.5	3,245,576
1924	722,366	21,396,621	29.6	28,646,679	101,401	1,948,853	19.2	2,669,773
1923	717,307	16,599,067	23.1	15,976,322	111,601	1,937,937	17.4	1,865,540
1922	813,935	17,792,958	21.9	18,616,746	124,206	2,099,503	16.9	2,207,565
1921	621,420	13,667,879	22.0	15,096,980	152,904	1,907,459	12.5	2,087,264
1920	762,371	18,492,013	24.3	35,759,610	267,367	4,480,472	16.8	8,237,182
1919	619,494	15,051,703	24.3	35,698,096	361,150	5,646,544	15.6	13,603,841
1918	362,616	7,054,845	19.5	14,877,794	351,423	8,186,191	23.3	17,076,203
1917	585,946	13,384,207	22.8	28,078,738	182,957	3,679,516	20.1	7,716,693
1916	704,867	14,942,050	21.2	21,099,591	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	4,826,327
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:								
1932-1941	612,200	15,880,470	25.9	11,747,834	86,835	1,592,664	18.3	1,195,564
1922-1931	714,625	18,663,676	26.1	20,643,336	110,019	2,127,458	19.3	2,308,807
1912-1921	656,001	15,264,886	23.3	22,062,175	198,052	3,609,481	18.2	6,193,730
1902-1911	720,272	16,912,017	23.5	14,142,444	182,335	3,269,976	17.9	2,655,591
1882-1944	752,276	17,333,444	23.0	16,372,851	239,508	3,986,527	16.6	3,839,720

OATS AND BARLEY

The following table gives the area, produce and market value of Oats and Barley for the years 1882 to 1944, together with the annual averages for the various periods of ten years and the average for the sixty-three years.

Years	Oats				Barley			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
1944	1,716,000	66,752,000	38.9	\$ 36,714,000	331,000	11,188,000	33.8	\$ 7,608,000
1943	1,957,000	34,677,000	23.8	19,072,000	279,000	6,417,000	23.0	4,235,000
1942	1,966,000	84,538,000	43.0	37,197,000	353,000	12,179,000	34.5	6,942,000
1941	1,965,000	64,845,000	33.0	28,532,000	363,700	10,438,000	28.7	5,845,000
1940	2,254,000	86,554,000	38.4	27,697,000	499,000	15,519,000	31.1	6,828,000
1939	2,274,126	86,639,000	38.1	29,457,000	522,232	16,600,000	31.8	7,636,000
1938	2,262,930	83,198,318	27.9	23,231,985	544,017	16,648,991	30.6	6,798,249
1937	2,263,935	73,712,228	32.6	31,035,041	555,939	16,029,856	28.8	9,380,594
1936	2,345,906	66,857,962	28.5	32,091,668	519,233	14,018,054	27.0	11,214,391
1935	2,376,736	85,560,799	36.0	23,957,144	523,035	16,841,004	32.2	6,736,335
1934	2,390,817	81,526,069	34.1	28,534,021	484,908	14,741,263	30.4	7,370,538
1933	2,315,700	65,543,218	28.3	21,629,214	461,226	12,037,325	26.1	4,935,203
1932	2,338,569	75,517,411	32.3	18,878,732	456,000	13,771,000	30.2	4,958,004
1931	2,330,128	77,979,490	33.5	19,499,057	437,588	13,407,038	30.6	4,898,775
1930	2,468,913	97,481,866	39.5	28,983,780	609,879	20,910,731	34.3	7,496,760
1929	2,335,310	73,640,478	31.5	45,918,227	622,063	18,032,191	29.0	13,799,386
1928	2,659,980	93,461,068	35.1	51,912,665	615,433	19,944,133	32.4	14,790,285
1927	2,689,295	101,913,746	37.9	58,438,236	514,802	17,238,125	33.5	13,382,864
1926	2,831,755	95,722,130	33.8	49,615,846	449,095	14,447,174	32.2	9,823,171
1925	2,837,390	118,100,471	41.6	53,404,626	436,383	14,917,247	34.2	10,160,463
1924	2,891,990	114,249,129	39.5	61,899,999	439,177	14,570,403	33.2	11,970,808
1923	2,967,417	103,485,442	34.9	46,937,124	452,490	13,523,349	29.9	8,487,609
1922	3,034,090	116,033,569	38.2	50,450,114	433,922	13,971,811	32.2	8,561,782
1921	3,094,958	72,575,191	23.4	36,555,194	462,176	10,149,353	22.0	6,665,865
1920	2,880,053	129,171,312	44.9	75,159,913	484,328	16,660,350	34.4	15,631,613
1919	2,674,341	78,388,018	29.3	76,572,899	569,183	13,133,757	23.1	19,146,902
1918	2,924,468	131,752,601	45.1	98,798,745	660,404	24,247,673	36.7	25,112,912
1917	2,763,355	111,232,817	40.3	86,640,057	551,298	18,387,741	33.4	23,118,166
1916	2,689,762	71,297,528	26.5	47,066,428	527,886	12,388,969	23.5	12,621,940
1915	2,871,755	120,217,952	41.9	47,452,121	552,318	19,893,129	36.0	11,130,811
1914	2,776,883	103,564,322	37.3	51,232,043	579,473	18,096,754	31.2	11,640,790
1913	2,699,459	98,426,902	36.5	36,342,489	623,658	18,255,958	29.3	10,136,759
1912	2,601,735	98,444,807	37.8	38,005,016	647,382	19,232,275	29.7	11,296,962
1911	2,699,230	84,829,232	31.4	37,494,695	616,977	16,248,129	26.3	12,000,154
1910	2,757,933	102,084,924	37.0	35,698,964	626,144	19,103,107	30.5	9,930,410
1909	2,695,585	90,235,579	33.5	35,612,676	695,262	18,776,777	27.0	10,286,328
1908	2,774,259	96,626,419	34.8	38,987,985	734,029	20,888,569	28.5	10,943,788
1907	2,932,509	83,524,301	28.5	40,759,859	766,891	21,718,332	28.3	12,900,689
1906	2,716,711	108,341,455	39.9	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	21,715,931	848,617	24,284,407	28.6	15,784,865
Annual Averages:								
1932-1941	2,278,772	76,995,402	33.8	26.5 ⁴ 381	492,929	14,664,449	29.7	7,170,231
1922-1931	2,704,627	99,206,739	36.7	46,705,967	501,083	16,096,220	32.1	10,337,190
1912-1921	2,797,677	101,507,145	36.3	59,382,491	565,811	17,044,596	30.1	14,650,272
1902-1911	2,703,900	98,968,442	36.6	36,309,289	711,199	21,709,056	30.5	10,870,736
1882-1944	2,389,521	84,589,602	35.4	35,291,678	572,936	16,657,602	29.1	9,601,804

PEAS AND BEANS

The following table gives the area, produce and market value of Peas and Beans for the years 1882 to 1944, together with the annual averages for the various periods of ten years and the average for the sixty-three years.

Years	Peas				Beans			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
1944	34,600	581,000	16.8	\$ 1,598,000	82,500	1,155,000	14.0	\$ 2,888,000
1943	32,000	512,000	16.0	1,055,000	68,000	1,156,000	17.0	2,485,000
1942	34,000	575,000	16.9	1,144,000	62,000	1,252,000	20.2	1,878,000
1941	35,900	560,000	15.6	1,047,000	94,100	1,588,000	16.9	2,630,000
1940	55,200	894,000	16.2	1,672,000	84,800	1,264,000	14.9	2,212,000
1939	51,902	887,000	17.1	1,570,000	62,527	1,338,000	21.4	3,011,000
1938	52,405	899,103	17.2	1,348,680	59,727	1,366,018	22.9	1,366,018
1937	58,358	796,208	13.6	1,242,687	57,175	1,105,660	19.3	1,178,628
1936	66,831	815,101	12.2	1,263,360	56,344	743,037	13.2	1,501,391
1935	68,709	1,168,244	17.0	1,109,639	56,987	1,031,871	18.1	1,496,499
1934	68,811	1,156,027	16.8	983,041	49,445	692,025	14.0	878,504
1933	58,746	938,755	16.0	750,856	52,320	779,476	14.9	717,326
1932	59,535	1,071,344	18.0	696,348	61,821	1,059,559	17.1	1,519,132
1931	58,944	972,832	16.5	608,586	76,312	1,184,172	15.5	685,934
1930	80,093	1,581,468	19.7	1,657,822	67,540	905,498	13.4	1,306,852
1929	79,523	1,235,658	15.5	2,013,945	63,732	1,113,310	17.5	3,373,233
1928	109,887	1,892,588	17.2	2,892,490	50,953	873,427	17.1	3,343,825
1927	105,662	2,035,687	19.3	3,049,924	47,156	725,011	15.4	1,700,257
1926	97,865	1,880,301	19.2	2,831,588	51,721	819,166	15.8	1,913,221
1925	133,434	2,607,287	19.5	3,532,258	61,080	1,154,317	18.9	2,431,446
1924	130,989	2,456,164	18.8	3,712,042	52,047	856,860	16.5	1,958,602
1923	117,409	2,030,850	17.3	2,940,685	41,127	633,713	15.4	1,538,701
1922	105,544	2,076,965	19.7	2,914,720	39,999	622,781	15.6	1,579,549
1921	105,964	1,441,095	13.6	2,205,423	26,509	427,531	16.1	1,005,057
1920	109,187	2,209,523	20.2	4,270,938	22,744	380,499	16.7	1,097,137
1919	127,253	1,816,517	14.3	4,794,268	22,920	288,480	12.6	1,154,081
1918	113,862	2,381,937	20.9	5,184,332	100,082	1,387,834	13.9	6,230,007
1917	90,322	1,512,567	16.7	4,855,888	110,680	1,078,510	9.7	7,446,626
1916	95,542	1,243,979	13.4	2,618,754	53,999	583,105	10.8	3,183,086
1915	126,943	2,043,049	16.1	3,302,641	62,863	882,819	14.0	2,745,105
1914	177,856	2,609,585	14.7	3,565,974	51,149	835,895	16.3	1,787,432
1913	177,303	3,108,263	17.5	3,127,551	66,639	1,021,243	15.3	1,738,900
1912	221,524	3,667,005	16.6	4,047,354	69,703	1,182,132	17.0	2,280,173
1911	304,491	4,462,182	14.7	4,380,883	51,508	898,212	17.4	1,711,089
1910	403,414	6,016,003	14.9	4,856,986	49,778	892,927	17.9	1,386,798
1909	381,609	7,613,656	20.0	6,437,685	45,029	826,344	18.4	1,334,325
1908	396,642	7,401,336	18.7	6,121,449	46,477	783,757	16.9	1,160,103
1907	340,977	7,365,036	21.6	5,744,728	47,562	790,269	16.6	1,201,209
1906	410,356	7,388,987	18.0	5,216,625	51,272	950,312	18.5	1,320,934
1905	374,518	7,100,021	19.0	4,636,314	50,543	846,443	16.7	1,117,305
1904	339,260	6,629,866	19.5	4,176,816	50,892	912,849	17.9	1,113,676
1903	407,133	8,924,650	21.9	5,738,550	53,039	978,246	18.4	1,379,327
1902	532,639	7,664,679	14.4	5,441,922	53,964	670,633	12.4	905,355
1901	602,724	10,089,173	16.7	6,588,230	53,688	824,122	15.4	1,030,153
1900	661,592	14,058,198	21.2	8,027,231	44,053	820,373	18.6	817,912
1899	743,139	15,140,790	20.4	8,675,673	40,485	651,009	16.1	703,090
1898	865,951	13,521,263	15.6	7,058,099	45,220	759,657	16.8	531,760
1897	896,735	13,867,093	15.5	5,838,046	50,591	981,340	19.4	639,834
1896	829,601	17,493,148	21.1	7,696,985	68,369	1,197,535	17.5	819,114
1895	799,963	15,568,103	19.5	8,531,320	72,747	1,494,179	20.5	1,414,988
1894	785,007	14,022,888	17.9	7,516,268	59,281	827,514	14.0	913,575
1893	738,741	14,168,955	19.2	7,651,236	48,858	664,310	13.6	783,886
1892	774,732	14,494,430	18.7	8,551,714	33,249	535,931	16.1	529,500
1891	752,453	18,323,459	24.4	11,690,367	41,451	769,600	18.6	816,546
1890	781,206	15,389,313	19.7	9,279,756	39,456	761,341	19.3	978,323
1889	708,068	13,509,237	19.1	7,524,645	21,830	371,893	17.0	471,188
1888	696,653	14,269,863	20.5	9,332,490	22,700	534,526	23.5	607,756
1887	726,756	12,173,332	16.8	6,804,892	20,275	275,975	13.6	270,180
1886	703,936	16,043,734	22.8	8,439,004	21,072	482,072	22.9	403,494
1885	646,081	14,006,192	21.7	8,123,591	24,651	496,564	20.1	397,251
1884	570,928	13,691,607	24.0	8,817,395	24,878	592,044	23.8	698,612
1883	542,771	10,673,723	19.7	7,578,343	25,907			
1882	560,770	11,006,115	19.6	8,144,525	19,787	409,910	20.7	807,523
Annual Averages:								
1932-1941	57,640	918,578	15.9	1,168,361	63,525	1,096,765	17.3	1,551,050
1922-1931	101,935	1,876,980	18.4	2,615,406	55,167	888,826	16.1	1,983,162
1912-1921	134,576	2,203,352	16.4	3,797,312	58,729	806,805	13.7	2,866,760
1902-1911	389,104	7,056,642	18.1	5,275,196	50,006	854,999	17.1	1,263,012
1882-1944	338,427	6,408,478	18.9	4,670,310	51,830	848,997	16.4	1,548,024

RYE AND BUCKWHEAT

The following table gives the area, produce and market value of Rye and Buckwheat for the years 1882 to 1944, together with the annual averages for the various periods of ten years and the average for the sixty-three years.

Years	Rye				Buckwheat			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
1944.....	65,000	1,242,000	19.1	1,068,000	141,000	3,328,000	23.6	2,496,000
1943.....	64,000	1,056,000	16.5	908,000	159,000	3,578,000	22.5	2,648,000
1942.....	78,600	1,501,000	19.1	976,000	126,000	2,646,000	21.0	1,614,000
1941.....	73,700	1,253,000	17.0	827,000	116,300	2,326,000	20.0	1,349,000
1940.....	81,500	1,557,000	19.1	779,000	182,500	3,796,000	20.8	1,746,000
1939.....	75,652	1,378,000	18.2	799,000	168,404	3,570,000	21.2	1,856,000
1938.....	74,129	1,439,266	19.4	626,738	183,200	3,507,176	19.1	1,440,364
1937.....	74,704	1,291,222	17.3	1,006,882	195,193	3,753,901	19.2	2,237,761
1936.....	53,212	893,962	16.8	751,119	196,971	3,959,741	20.1	2,732,034
1935.....	59,340	1,044,363	17.6	417,797	186,427	3,896,451	20.9	1,558,406
1934.....	55,947	865,988	15.5	475,984	213,904	4,384,994	20.5	2,066,966
1933.....	54,006	913,024	16.9	465,739	207,124	4,349,266	21.0	1,826,807
1932.....	57,500	1,024,000	17.8	378,924	196,552	4,511,006	22.9	1,579,166
1931.....	61,701	1,104,754	17.9	462,594	178,719	3,665,584	20.5	1,551,607
1930.....	52,881	937,302	17.7	454,565	275,317	5,675,616	20.6	2,935,428
1929.....	52,023	873,239	16.8	847,938	294,388	5,562,013	18.9	4,627,121
1928.....	66,307	1,131,172	17.1	1,076,724	271,243	5,692,376	21.0	4,638,578
1927.....	72,323	1,289,058	17.8	1,228,421	249,210	5,892,510	23.6	4,593,204
1926.....	86,355	1,501,390	17.4	1,309,840	234,870	4,975,192	21.2	3,830,695
1925.....	98,652	1,784,625	18.1	1,553,529	257,932	5,579,109	21.6	4,086,236
1924.....	126,641	2,299,545	18.2	2,471,369	240,552	6,449,496	26.8	5,593,465
1923.....	123,354	2,011,325	16.3	1,481,691	230,276	5,012,010	21.8	3,670,511
1922.....	152,709	2,500,354	16.4	1,959,112	197,812	4,266,215	21.6	3,737,448
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	2,315,532	16.7	1,965,522	177,227	4,251,421	24.0	3,041,564
1913.....	118,429	1,979,775	16.7	1,310,306	228,279	4,012,418	17.6	2,549,398
1912.....	105,949	1,839,675	17.4	1,287,208	205,893	5,414,796	26.3	2,950,001
1911.....	98,652	1,562,971	15.8	1,326,510	189,039	3,852,231	20.4	2,324,992
1910.....	95,397	1,620,333	17.0	1,024,787	194,913	4,693,881	24.1	2,346,387
1909.....	94,661	1,573,921	16.6	1,060,566	176,630	4,280,790	24.2	2,284,440
1908.....	87,908	1,453,616	16.5	1,012,953	140,605	3,323,668	23.6	1,799,890
1907.....	67,158	1,039,021	15.5	721,081	113,039	2,546,468	22.5	1,461,673
1906.....	79,870	1,327,582	16.6	808,497	106,444	1,792,903	16.8	887,487
1905.....	101,292	1,714,951	16.9	974,092	101,591	2,199,652	21.7	1,099,826
1904.....	130,720	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	778,725	56,398	1,272,578	22.6	502,668
1888.....	84,087	1,295,302	15.4	779,772	57,528	1,222,283	21.2	602,585
1887.....	68,362	894,887	13.1	442,969	64,143	1,025,353	16.0	461,409
1886.....	67,779	1,106,462	16.3	577,573	70,792	1,678,708	23.7	565,725
1885.....	78,293	1,271,506	16.2	701,871	61,776	1,530,675	24.8	600,024
1884.....	103,416	1,648,259	15.9	984,010	65,836	1,484,570	22.5	593,828
1883.....	188,111	3,012,240	16.0	2,018,201	67,802			
1882.....	185,276	3,473,799	18.7	2,223,231	50,035	1,262,973	25.2	505,189
Annual Averages:								
1932-1941.....	65,969	1,165,983	17.7	652,818	184,658	3,895,453	20.6	1,838,650
1922-1931.....	89,295	1,543,279	17.3	1,284,578	243,032	5,277,012	21.7	3,866,429
1912-1921.....	132,760	2,207,966	16.6	2,459,189	188,094	3,942,591	21.0	3,721,728
1902-1911.....	112,424	1,877,432	16.7	1,129,754	131,168	2,871,668	21.9	1,503,428
1882-1944.....	103,814	1,757,548	16.7	1,251,356	157,108	3,288,287	20.9	1,251,356

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 1944, together with the annual averages for the various periods and for the whole term of years.

Years	Flax				Mixed Grains			
	Acres	Bushels	Per acre	Market value	Acres	Bushels	Per acre	Market value
1944.....	23,600	238,000	10.1	\$ 440,000	984,000	40,738,000	41.4	\$ 23,221,000
1943.....	24,000	235,200	9.8	435,000	895,000	20,406,000	22.8	11,835,000
1942.....	24,000	262,000	10.9	474,000	1,151,000	50,759,000	44.1	25,887,000
1941.....	11,800	113,000	9.6	175,000	1,176,500	38,942,000	33.1	19,860,000
1940.....	17,500	170,000	9.7	226,000	915,000	34,770,000	38.0	13,213,000
1939.....	6,162	58,000	9.3	92,000	914,364	35,662,000	39.0	14,621,000
1938.....	5,176	44,917	8.7	56,200	888,321	32,596,707	36.7	11,522,394
1937.....	5,009	51,743	10.3	72,501	890,136	30,674,828	34.5	14,787,597
1936.....	5,289	34,423	6.5	50,819	953,079	27,830,699	29.2	14,750,022
1935.....	7,436	75,277	10.2	98,277	926,557	33,821,188	36.5	11,499,206
1934.....	5,666	56,716	10.0	75,550	941,448	32,195,970	34.2	12,878,261
1933.....	5,548	49,474	9.0	59,357	946,779	27,552,147	29.1	10,470,240
1932.....	6,280	61,569	9.8	55,540	986,161	33,327,100	33.8	10,997,537
1931.....	7,325	79,555	10.9	83,812	1,012,347	35,155,615	34.7	12,510,754
1930.....	5,235	51,257	9.8	78,809	958,086	37,512,279	39.2	13,857,314
1929.....	5,492	46,927	8.5	109,034	892,897	29,903,638	33.5	21,890,640
1928.....	7,964	67,441	8.5	141,111	905,693	33,691,418	37.2	23,420,648
1927.....	7,080	68,173	9.6	121,004	799,333	31,918,944	39.9	22,882,169
1926.....	7,712	75,736	9.8	148,149	770,981	28,577,629	37.1	18,697,998
1925.....	9,789	123,134	12.6	262,386	681,624	28,246,057	41.4	16,559,729
1924.....	6,619	77,801	11.8	162,590	645,622	26,403,332	40.9	18,231,508
1923.....	6,766	68,684	10.2	140,376	648,934	23,880,889	36.8	14,290,315
1922.....	4,556	48,662	10.7	106,046	552,399	21,270,479	38.5	11,882,085
1921.....	7,534	66,748	8.9	130,995	618,289	16,188,510	26.2	10,579,352
1920.....	21,053	224,893	10.7	515,983	581,689	25,712,447	44.2	20,556,442
1919.....	13,717	129,461	9.4	670,608	628,761	19,735,287	31.4	26,403,773
1918.....	15,925	196,221	12.3	*1,224,783	619,389	27,462,374	44.3	28,253,556
1917.....	7,372	.....	.....	.....	515,593	20,102,421	39.0	20,876,501
1916.....	5,880	.....	.....	.....	485,986	13,297,354	27.4	12,485,065
1915.....	5,334	.....	.....	.....	475,738	19,461,609	40.9	10,602,271
1914.....	6,025	.....	.....	.....	456,631	16,854,550	36.9	10,074,687
1913.....	7,431	.....	.....	.....	414,517	15,113,480	36.5	7,953,111
1912.....	9,125	.....	.....	.....	448,402	16,382,161	36.5	8,674,724
1911.....	12,128	.....	.....	.....	486,112	14,845,595	30.5	9,104,141
1910.....	12,021	.....	.....	.....	497,936	18,261,803	36.7	9,187,822
1909.....	11,253	.....	.....	.....	474,530	16,199,434	34.1	8,825,196
1908.....	8,562	.....	.....	.....	456,049	15,354,350	33.7	8,444,893
1907.....	9,296	.....	.....	.....	443,100	14,202,511	32.1	7,811,381
Annual Averages:								
1932-1941.....	7,587	71,512	9.4	96,124	953,834	32,737,264	34.3	13,459,926
1922-1931.....	6,854	70,737	10.3	135,332	786,792	29,666,028	37.7	17,422,316
1912-1921.....	9,940	.....	.....	.....	524,500	19,031,019	36.3	15,645,948
1907-1911.....	10,652	.....	.....	.....	471,545	15,772,739	33.4	8,674,687
1907-1944.....	9,438	.....	.....	.....	737,868	26,447,889	35.8	14,989,429

*Including seed of fibre variety commandeered and shipped to Ireland to the value of \$930,769.

No estimates of flax were made previous to 1918. The average for the twenty-seven years, 1918-1944, was 10,156 acres, yielding 102,788 bushels, valued at \$229,849.

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 1944, together with the annual averages for the various periods of ten years and the average for the fifty-three years.

Years	Corn for Husking				Corn for Silo			
	Acres	Bushels (shelled)	Per acre	Market value	Acres	Tons (green)	Per acre	Market value
				\$				\$
1944	240,000	11,040,000	46.0	10,930,000	327,000	3,316,000	10.14	11,606,000
1943	190,000	6,935,000	36.5	6,103,000	307,000	3,061,000	9.97	10,714,000
1942	258,000	13,622,000	52.8	10,898,000	300,000	3,135,000	10.45	10,847,000
1941	245,400	11,337,000	46.2	8,389,000	295,000	2,950,000	10.00	9,145,000
1940	186,000	6,956,000	37.4	3,826,000	339,000	3,112,000	9.18	7,500,000
1939	183,175	8,097,000	44.2	4,453,000	335,691	3,545,000	10.55	9,430,000
1938	180,130	7,696,212	42.7	3,307,900	321,754	3,470,225	10.79	8,726,715
1937	165,593	5,409,213	32.7	3,272,319	317,349	3,080,766	9.71	8,280,429
1936	164,399	6,082,942	37.0	4,136,165	306,934	2,470,816	8.05	7,858,238
1935	167,710	7,764,981	46.3	3,494,268	324,799	3,033,659	9.34	9,100,977
1934	161,137	6,797,863	42.2	4,419,012	323,173	2,990,000	9.25	11,960,000
1933	136,596	5,054,297	37.0	2,830,032	286,021	2,440,009	8.53	7,320,027
1932	130,257	5,056,623	38.8	2,275,625	285,343	2,573,977	9.02	6,434,943
1931	123,960	5,434,159	43.9	2,157,322	264,286	2,301,527	8.71	9,206,108
1930	130,094	5,148,898	39.6	3,569,682	311,817	2,619,049	8.40	10,476,196
1929	120,000	4,449,961	32.1	4,460,367	287,566	2,221,467	7.73	9,574,523
1928	110,192	4,614,567	41.9	4,714,511	299,307	2,685,727	8.97	11,199,482
1927	102,626	3,632,809	35.4	3,613,287	326,964	2,490,660	7.62	10,012,453
1926	179,325	6,886,293	38.4	5,529,069	367,772	3,497,071	9.51	15,736,820
1925	207,767	9,736,311	46.9	8,131,617	373,133	3,614,233	9.69	15,360,490
1924	263,615	11,141,331	42.3	11,737,059	403,060	3,977,017	9.87	17,896,577
1923	285,335	12,861,496	45.1	9,710,461	409,628	3,651,102	8.91	14,604,408
1922	265,018	12,306,242	46.5	8,609,503	438,819	4,413,191	10.06	17,652,764
1921	250,684	13,542,441	54.0	8,012,455	438,343	5,015,082	11.44	25,075,410
1920	243,909	12,914,851	52.9	12,867,119	449,176	4,668,054	10.39	23,340,270
1919	221,004	10,101,650	45.7	16,400,838	399,549	4,013,946	10.05	20,069,730
1918	195,310	8,676,715	44.4	13,650,415	380,946	3,944,313	10.35	17,749,409
1917	258,935	7,675,675	29.7	14,278,407	511,329	4,587,176	8.97	18,348,704
1916	258,332	8,478,048	32.8	9,446,060	439,411	3,276,185	7.46	10,647,610
1915	309,773	14,506,997	46.8	9,885,292	443,736	4,874,377	10.98	12,185,943
1914	290,817	15,488,240	53.3	10,622,455	418,105	4,751,223	11.36	11,878,058
1913	299,871	14,809,343	49.4	9,545,538	388,138	4,059,345	10.46	10,148,363
1912	301,251	14,646,312	48.6	8,162,565	377,982	3,969,597	10.50	9,923,993
1911	308,350	14,608,860	47.8	9,693,994	335,935	3,764,227	11.21	9,410,568
1910	320,519	16,600,257	51.8	9,301,245	326,627	3,788,364	11.60	7,576,728
1909	322,789	15,079,793	46.7	9,705,826	288,346	3,374,655	11.70	6,749,310
1908	299,690	15,734,081	52.5	9,440,336	233,753	2,729,265	11.68	5,458,530
1907	338,573	14,599,644	43.1	6,219,448	200,354	2,029,547	10.13	4,059,994
1906	289,456	15,992,455	55.3	9,019,744	180,796	2,149,413	11.89	4,298,826
1905	295,005	13,948,613	47.3	7,720,557	184,784	2,284,812	12.36	4,569,624
1904	329,882	13,494,609	40.9	7,570,476	193,115	2,023,340	10.48	4,046,680
1903	378,924	19,525,259	51.5	10,807,230	209,727	2,564,400	12.23	5,128,800
1902	371,959	13,674,796	36.7	8,327,951	209,859	2,611,334	12.44	5,222,668
1901	323,923	16,558,737	51.1	9,438,480	197,932	2,359,514	11.92	4,719,028
1900	330,772	18,062,374	54.6	8,588,659	179,798	2,147,532	11.94	4,295,064
1899	333,590	14,448,823	43.3	4,291,300	171,935	1,697,755	9.87	3,395,510
1898	330,748	15,628,395	47.3	4,711,961	189,948	2,128,073	11.20	4,256,146
1897	335,030	16,442,665	49.1	4,858,808	209,005	2,669,822	12.77	5,339,644
1896	317,667	16,047,576	50.5	4,717,987	178,962	1,948,780	10.89	3,897,560
1895	302,929	16,546,599	54.6	5,609,297	149,899	1,775,654	11.85	3,551,308
1894	267,348	10,850,235	40.6	4,247,867	111,361	1,049,765	9.43	2,099,530
1893	217,294	9,381,974	43.2	3,729,335	95,865	1,049,524	10.95	2,099,048
1892	181,463	7,486,332	41.3	2,953,358	91,403	948,907	10.38	1,897,814
Annual Averages:								
1932-1941	172,040	7,025,213	40.8	4,040,332	313,506	2,966,645	9.46	8,575,633
1922-1931	178,793	7,621,207	42.6	6,223,288	348,235	3,147,104	9.04	13,171,982
1912-1921	262,989	12,084,027	45.9	11,287,114	424,672	4,315,930	10.16	15,936,749
1892-1944	245,700	11,200,255	45.6	7,252,683	297,123	2,998,169	10.09	9,473,247

*The combined average area for corn for the ten years, 1882-1891, was 195,878 acres, the average value of the produce for the same period being \$3,704,614. The combined average for corn for the sixty-three years, 1882-1944, was 487,594 acres, the average value of the produce for the same period being \$14,659,054.

POTATOES AND TURNIPS

The following table gives the area, produce and market value of Potatoes and Turnips for the years 1882 to 1944, together with the annual averages for the various periods of ten years and the average for the sixty-three years.

Years	Potatoes				Turnips			
	Acres	Hundred-weight	Per acre	Market value	Acres	Bushels	Per acre	Market value
				\$				\$
1944	120,000	8,508,000	70.9	15,082,000	39,000	16,926,000	434	4,062,000
1943	116,000	7,552,000	65.1	17,143,000	39,000	17,004,000	436	3,911,000
1942	122,000	7,161,000	58.7	12,174,000	39,000	16,878,000	433	3,207,000
1941	120,300	7,579,000	63.0	9,095,000	41,600	16,099,000	387	3,219,800
1940	146,800	6,753,000	46.0	7,496,000	61,900	26,658,000	430	3,363,000
1939	142,108	7,247,000	51.0	8,189,000	61,982	26,034,000	420	3,124,000
1938	146,177	7,428,652	50.8	5,779,073	63,407	26,101,938	412	3,132,233
1937	150,649	10,130,497	67.2	6,122,043	62,002	24,908,885	402	2,989,066
1936	145,046	8,700,037	60.0	11,744,902	61,902	23,226,804	375	3,215,753
1935	149,245	7,877,771	52.8	7,878,163	62,248	21,786,804	350	2,614,416
1934	164,325	11,829,864	72.0	6,506,762	65,021	25,368,247	390	3,550,155
1933	157,536	8,694,295	55.2	8,694,061	66,100	20,228,057	306	2,427,366
1932	156,252	9,515,764	60.9	6,565,765	65,952	25,456,398	386	2,036,511
1931	168,158	12,015,901	71.5	4,735,770	68,323	23,489,120	344	2,348,912
1930	159,192	10,965,033	68.9	10,906,175	74,133	25,386,998	342	5,077,400
1929	148,435	8,484,053	57.2	15,271,732	72,502	22,848,692	315	4,569,738
1928	181,241	11,275,111	62.2	11,052,928	71,791	34,323,412	478	6,864,682
1927	159,871	9,297,184	58.2	13,662,224	68,479	29,452,281	430	5,448,672
1926	153,468	9,897,774	64.5	18,627,771	71,500	23,204,013	325	4,640,803
1925	163,790	9,428,872	57.6	21,513,125	73,318	28,015,466	382	5,042,784
1924	169,145	14,979,918	88.6	13,355,441	70,110	32,547,607	464	5,533,093
1923	164,682	11,479,188	69.7	14,306,447	65,193	27,099,910	416	5,419,982
1922	172,858	12,209,725	70.6	10,385,525	67,635	29,923,528	442	5,984,706
1921	164,096	9,240,085	56.3	13,589,599	70,715	24,265,547	343	6,673,025
1920	157,509	14,377,025	91.3	23,776,530	80,588	40,141,406	498	11,038,887
1919	157,286	9,086,953	57.8	25,026,467	85,312	28,740,526	337	7,903,645
1918	166,203	11,625,568	69.9	19,238,431	85,449	42,190,382	494	10,547,596
1917	146,481	10,975,041	74.9	22,530,291	93,034	39,989,556	430	7,997,911
1916	139,523	4,445,057	31.9	9,684,215	91,670	24,067,699	263	3,369,478
1915	173,934	7,960,214	45.8	10,805,026	97,451	46,598,851	478	4,659,885
1914	167,591	16,030,552	95.7	11,747,332	95,371	46,336,708	486	4,633,671
1913	159,661	11,414,469	71.5	12,114,656	97,572	41,889,894	429	4,188,989
1912	158,888	12,807,836	80.6	13,604,052	101,529	49,561,566	488	4,956,157
1911	162,457	8,351,219	51.4	11,722,539	100,593	39,664,275	394	3,966,428
1910	168,454	13,156,682	78.1	10,798,597	108,360	49,425,472	456	4,942,547
1909	169,695	14,787,170	87.1	8,989,452	113,400	50,738,940	447	5,073,894
1908	166,974	11,110,585	66.5	8,874,201	120,920	41,210,189	341	4,121,019
1907	177,186	12,034,605	67.9	11,693,625	123,011	48,205,605	392	4,820,561
1906	136,064	9,012,179	66.2	8,080,921	132,512	57,060,151	431	5,706,015
1905	132,530	8,619,629	65.0	6,608,383	135,348	57,654,086	426	5,765,409
1904	133,819	9,287,473	69.4	7,847,915	133,207	64,861,703	487	6,486,170
1903	139,011	10,005,868	72.0	7,354,313	134,469	69,316,341	515	6,931,634
1902	144,733	7,765,501	53.7	7,312,514	136,725	71,740,204	525	7,174,020
1901	154,155	10,869,982	70.5	7,717,687	145,909	68,287,467	468	6,828,747
1900	163,754	12,885,863	78.7	5,605,351	156,583	59,330,395	379	5,933,040
1899	168,148	11,960,020	71.1	6,538,144	153,440	58,078,390	379	5,807,839
1898	169,946	8,615,175	50.7	6,332,154	151,601	64,727,882	427	6,472,788
1897	169,333	9,660,478	57.1	6,424,218	149,336	68,297,148	457	6,829,715
1896	178,965	12,783,286	71.4	5,582,035	148,234	69,814,841	471	6,981,484
1895	184,647	17,634,530	95.5	5,936,959	151,806	63,496,702	418	6,349,670
1894	167,253	10,297,878	61.6	6,075,748	147,657	61,694,487	418	6,169,449
1893	142,601	7,746,727	54.3	5,099,929	136,604	56,975,355	417	5,697,535
1892	145,703	7,373,890	50.6	6,194,068	129,627	63,541,641	490	6,354,164
1891	160,218	14,433,532	90.1	7,842,219	126,075	68,853,452	546	6,885,345
1890	158,094	10,536,670	66.6	7,779,575	111,055	47,400,563	424	4,704,056
1889	145,812	8,613,317	59.1	6,531,766	111,103	37,021,260	333	3,702,126
1888	153,915	13,364,164	86.8	7,060,733	113,188	47,640,237	421	4,764,024
1887	140,283	6,406,800	45.7	6,705,784	105,322	31,413,456	298	3,141,346
1886	140,143	9,607,415	68.6	7,189,548	98,931	47,061,053	476	4,706,105
1885	159,741	12,654,686	79.2	8,668,460	102,303	41,137,735	402	4,113,774
1884	168,757	16,527,757	97.9	11,018,504	104,190	44,406,363	426	4,440,636
1883	166,823	9,840,469	59.0	10,168,485	98,429	29,879,354	304	2,987,935
1882	160,700	11,059,287	68.8	11,796,573	78,823	35,359,331	448	3,535,933
Annual Averages:								
1932-1941	147,844	8,575,588	58.0	7,807,077	61,211	23,585,813	385	2,970,830
1922-1931	164,084	11,063,276	67.4	13,381,714	70,298	27,629,103	393	5,093,077
1912-1921	159,117	10,796,280	67.9	16,211,660	89,869	38,378,214	427	6,596,924
1902-1911	153,092	10,413,091	68.0	8,928,246	123,855	54,987,697	444	5,498,770
1882-1944	155,529	10,390,083	66.8	10,390,083	96,659	40,645,609	421	5,066,376

ALFALFA AND HAY AND CLOVER

The following table gives the area, produce and market value of Alfalfa for the years 1912 to 1914, and of Hay and Clover for the years 1882 to 1944, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Alfalfa				Hay and Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				\$				\$
1944	789,000	2,036,000	2.44	22,844,000	†2,689,000	4,276,000	1.59	45,197,000
1943	794,000	2,215,000	2.79	22,593,000	†2,625,000	5,250,000	2.00	50,400,000
1942	763,000	2,091,000	2.74	20,220,000	†2,489,000	4,779,000	1.92	42,485,000
1941	751,000	1,577,000	2.10	17,079,000	†2,447,000	3,303,000	1.35	34,600,000
1940	715,000	1,895,000	2.65	13,511,000	†2,389,000	4,374,000	1.83	28,686,000
1939	672,722	1,568,000	2.33	12,403,000	†2,400,149	4,057,000	1.69	30,950,000
1938	643,075	1,527,824	2.38	11,076,733	†2,440,625	4,166,076	1.71	28,850,043
1937	646,657	1,664,219	2.57	12,162,141	†2,474,861	4,190,574	1.69	29,923,850
1936	666,374	1,519,010	2.28	13,276,250	†2,510,329	3,936,141	1.57	34,612,053
1935	588,911	1,519,349	2.58	11,499,393	†2,529,452	4,603,677	1.82	32,593,451
1934	510,215	934,035	1.83	12,559,686	†2,618,811	2,775,995	1.06	35,032,423
1933	560,518	1,300,039	2.32	10,023,129	†2,769,610	4,127,139	1.49	34,708,446
1932	527,793	1,403,923	2.66	11,527,009	†2,780,349	4,420,718	1.59	32,005,889
1931	431,110	971,304	2.25	9,816,770	†2,858,923	4,615,372	1.61	38,906,045
1930	641,686	1,409,528	2.20	16,065,846	†2,849,702	4,353,094	1.53	45,365,729
1929	685,880	1,596,212	2.33	19,546,701	†2,915,221	4,661,660	1.60	52,573,554
1928	743,230	1,730,135	2.33	20,020,248	†2,811,076	4,455,615	1.59	50,026,378
1927	806,397	1,865,868	2.31	21,915,225	†2,832,813	4,914,515	1.73	54,161,232
1926	748,473	1,850,392	2.47	25,889,781	†2,889,143	4,208,048	1.47	54,154,454
1925	550,645	1,397,462	2.54	19,306,047	†3,022,507	4,181,206	1.38	50,738,655
1924	381,258	1,067,717	2.80	12,252,536	3,545,856	5,615,238	1.58	61,283,373
1923	299,610	788,431	2.63	8,915,438	3,596,484	5,799,422	1.61	64,069,155
1922	221,326	629,135	2.84	7,439,403	3,575,662	5,568,459	1.56	66,964,036
1921	177,205	456,378	2.58	8,023,795	3,551,655	3,954,166	1.11	76,193,216
1920	162,820	399,581	2.45	10,172,434	3,533,740	4,459,094	1.26	109,036,159
1919	146,790	314,419	2.14	7,293,462	3,508,266	5,588,804	1.59	126,750,915
1918	144,010	328,971	2.28	6,579,420	3,470,036	4,596,854	1.32	83,344,591
1917	189,109	462,956	2.45	5,460,205	3,358,579	6,156,340	1.83	72,705,998
1916	177,565	460,788	2.60	4,822,622	3,294,419	6,739,259	2.05	71,503,879
1915	165,284	428,739	2.59	6,044,599	3,066,468	3,825,024	1.25	55,660,170
1914	163,685	372,759	2.28	5,195,667	3,251,799	3,469,795	1.07	50,721,713
1913	167,707	380,606	2.27	5,090,267	3,261,139	3,543,957	1.09	46,212,298
1912	189,959	460,201	2.42	5,542,772	3,177,410	4,760,512	1.50	55,906,657
1911					3,301,468	4,238,362	1.28	55,767,671
1910					3,204,021	5,492,653	1.71	54,407,105
1909					3,228,445	3,885,145	1.20	49,754,078
1908					3,253,141	4,635,287	1.42	47,696,579
1907					3,289,552	3,891,863	1.18	58,806,050
1906					3,069,917	4,684,625	1.53	42,630,087
1905					3,020,365	5,847,494	1.94	45,142,654
1904					2,926,207	5,259,189	1.80	41,915,736
1903					2,783,565	4,336,562	1.56	34,432,302
1902					2,646,202	4,955,438	1.87	40,386,820
1901					2,557,263	4,632,317	1.81	37,012,213
1900					2,526,566	3,133,045	1.24	26,568,222
1899					2,505,422	3,498,705	1.40	27,010,003
1898					2,453,503	4,399,063	1.79	27,362,172
1897					2,341,488	3,811,518	1.63	27,366,699
1896					2,426,711	2,260,240	.93	21,879,123
1895					2,537,674	1,849,914	.73	22,753,942
1894					2,576,943	3,575,200	1.39	27,028,512
1893					2,766,894	4,963,557	1.79	37,921,575
1892					2,515,367	4,384,838	1.74	35,955,672
1891					2,549,975	2,392,798	.94	28,498,224
1890					2,462,002	4,305,915	1.75	34,232,024
1889					2,386,223	3,728,313	1.56	37,208,564
1888					2,292,638	2,009,017	.88	33,570,674
1887					2,280,643	3,093,610	1.36	35,947,748
1886					2,295,151	2,994,446	1.35	29,016,182
1885					2,268,091	3,252,155	1.43	32,033,727
1884					2,193,369	3,044,912	1.39	29,109,359
1883					2,350,969	4,115,535	1.75	37,122,126
1882					1,825,890	2,090,626	1.14	24,125,824
Annual Averages								
1932-1941	628,227	1,490,840	2.37	12,511,734	2,536,019	3,996,732	1.57	32,196,216
1922-1931	550,962	1,330,618	2.42	16,116,800	3,141,888	4,946,462	1.57	54,824,511
1912-1921	168,413	406,540	2.41	6,422,524	3,347,351	4,709,381	1.41	74,803,560
1902-1911					*3,072,288	4,722,662	1.54	47,093,908
1882-1944	†479,454	11,703,630	2.44	12,611,139	2,799,519	4,173,027	1.49	44,904,508

*Including Alfalfa. †Exclusive of Alsike and Sweet Clover, previously included. ‡1912-44.

MANGELS AND FIELD CROPS

The following table gives the area, produce and market value of Mangels and all Field Crops for the years 1882 to 1944, together with the annual averages for the various periods of ten years and the average for the whole period.

Years	Mangels				All Field Crops		
	Acres	Bushels	Per acre	Market value	Acres	Value	Per acre
				\$		\$	c.
1944.....	20,000	9,200,000	460	2,024,000	8,587,900	216,442,000	25.20
1943.....	20,000	9,200,000	460	1,932,000	7,995,800	175,283,000	21.92
1942.....	18,700	8,510,000	455	1,362,000	8,822,500	202,892,000	23.00
1941.....	19,600	7,958,000	406	1,114,000	8,688,300	163,539,600	18.82
1940.....	36,400	16,398,000	450	1,804,000	9,118,600	138,374,000	15.17
1939.....	36,228	16,044,000	442	1,925,000	9,085,758	150,288,000	16.54
1938.....	35,673	15,503,275	435	1,860,393	9,088,014	126,158,324	13.88
1937.....	33,202	14,130,612	426	1,695,673	9,043,201	150,203,348	16.61
1936.....	32,408	12,941,428	399	1,811,800	9,119,007	162,333,522	17.80
1935.....	33,829	12,787,436	378	1,534,492	9,106,295	131,260,274	14.41
1934.....	33,079	13,826,991	418	1,935,779	8,999,999	143,755,962	15.97
1933.....	32,071	10,785,774	336	1,294,293	9,194,940	124,679,714	13.56
1932.....	31,797	12,781,446	402	1,022,515	9,225,680	114,150,521	12.37
1931.....	32,399	11,855,500	366	1,185,550	9,176,062	125,219,586	13.65
1930.....	29,055	10,626,135	366	2,125,227	10,009,097	173,498,548	17.33
1929.....	30,395	9,728,083	320	1,945,617	10,020,294	236,651,277	23.62
1928.....	33,567	14,738,443	439	2,947,689	10,357,960	244,445,136	23.60
1927.....	34,665	13,494,700	389	2,496,520	10,305,045	256,627,042	24.90
1926.....	34,009	13,548,484	398	2,709,697	10,434,401	257,686,886	24.70
1925.....	35,385	14,881,069	421	2,678,592	10,364,317	261,490,292	25.23
1924.....	35,958	15,616,128	434	2,654,742	10,264,614	264,370,642	25.76
1923.....	35,118	14,865,791	423	2,973,158	10,296,961	219,114,500	21.28
1922.....	35,274	16,366,353	464	3,273,271	10,258,613	223,342,150	21.77
1921.....	31,225	11,909,854	381	3,275,210	10,075,073	222,177,881	22.05
1920.....	36,450	17,174,290	471	4,722,930	10,108,272	367,608,619	36.37
1919.....	35,010	13,409,270	383	3,687,549	9,915,884	397,238,400	40.06
1918.....	40,714	18,244,453	448	4,561,113	9,992,825	363,909,778	36.42
1917.....	49,148	19,492,626	397	3,898,525	9,718,259	333,353,438	34.30
1916.....	42,793	9,756,015	228	1,365,842	9,548,876	223,748,948	23.43
1915.....	50,799	25,356,323	498	2,028,506	9,762,951	210,674,415	21.58
1914.....	50,663	25,439,520	502	2,035,162	9,621,444	199,152,945	20.70
1913.....	54,568	21,935,847	402	1,754,868	9,541,537	168,455,253	17.65
1912.....	60,103	27,671,114	460	2,213,689	9,574,474	185,790,341	19.40
1911.....	64,855	28,126,313	434	2,250,105	9,718,741	179,974,358	18.52
1910.....	68,966	34,686,137	503	2,774,891	9,725,684	175,115,742	18.01
1909.....	70,488	28,928,347	410	2,314,267	9,578,323	167,966,577	17.54
1908.....	67,937	29,870,966	440	2,389,677	9,621,683	164,077,282	17.05
1907.....	68,644	30,260,315	441	2,420,825	9,750,615	176,354,759	18.09
1906.....	69,352	32,863,192	474	2,629,055	8,962,925	144,570,075	16.13
1905.....	69,035	33,216,930	481	2,657,354	8,897,898	142,804,431	16.05
1904.....	71,344	33,595,440	471	2,687,635	8,673,525	134,304,690	15.48
1903.....	80,918	41,768,239	516	3,341,459	8,731,405	136,657,807	15.65
1902.....	76,553	39,140,924	511	3,131,274	8,677,938	146,421,171	16.87
1901.....	61,095	29,683,324	486	2,374,666	8,667,512	128,325,648	14.81
1900.....	54,543	24,728,525	453	1,978,282	8,794,953	114,758,761	13.05
1899.....	53,401	20,898,387	391	1,671,871	8,753,926	105,771,321	12.08
1898.....	47,923	21,957,564	458	1,756,605	8,835,272	110,528,947	12.51
1897.....	41,175	18,103,387	440	1,448,271	8,701,705	106,952,471	12.29
1896.....	36,101	16,849,401	467	1,347,952	8,511,444	88,900,135	10.44
1895.....	34,383	15,961,502	464	1,276,920	8,321,173	99,655,895	11.98
1894.....	27,670	11,532,127	417	922,570	8,227,153	94,055,392	11.43
1893.....	21,519	8,582,568	399	686,605	8,054,612	101,886,557	12.65
1892.....	22,026	10,350,474	470	828,038	8,080,206	110,562,493	13.68
1891.....	22,961	11,779,448	513	942,356	7,834,213	130,866,023	16.70
1890.....	25,953	11,594,518	447	927,561	7,912,297	114,382,305	14.46
1889.....	21,211	7,223,478	341	577,878	7,758,583	106,500,799	13.73
1888.....	21,459	10,020,659	467	801,653	7,616,350	124,244,503	16.31
1887.....	17,924	5,695,761	318	455,661	7,429,084	99,583,524	13.40
1886.....	18,170	8,787,743	484	703,019	7,403,281	104,001,865	14.05
1885.....	16,435	7,660,729	466	612,858	7,350,443	110,068,586	14.97
1884.....	18,341	8,655,184	472	692,415	7,203,958	120,615,798	16.74
1883.....	17,219	6,252,015	363	500,161	7,542,623	114,754,141	15.21
1882.....	15,792	7,711,420	488	616,913	7,125,223	136,939,533	19.22
Annual Averages:							
1932-1941.....	32,429	13,315,696	411	1,599,795	9,066,979	140,474,327	15.49
1922-1931.....	33,583	13,572,069	404	2,499,006	10,148,736	225,244,606	22.19
1912-1921.....	45,147	19,038,931	422	2,954,339	*9,785,960	*267,211,002	27.31
1902-1911.....	70,809	33,245,680	470	2,659,654	9,233,879	156,824,689	16.98
1882-1944.....	39,264	17,185,110	438	1,961,399	9,014,059	170,246,311	18.89

*Including Flax, 1918-1921.

No statistics of "mixed grains" were taken previous to 1907, when an acreage of 443,100 was estimated.

STATISTICS OF FARM CROPS

The following table gives the area in Cleared Pasture for the years 1909 to 1944.

Years	Pasture (cleared)	Years	Pasture (cleared)
	Acres		Acres
1944	2,939,000	1926	3,077,424
1943	2,915,000	1925	3,193,941
1942	2,717,000	1924	3,317,532
1941	2,701,000	1923	3,472,642
1940	2,712,000	1922	3,401,033
1939	2,749,462	1921	3,401,998
1938	2,793,291	1920	3,432,620
1937	2,782,811	1919	3,499,802
1936	2,828,310	1918	3,561,754
1935	2,831,416	1917	3,509,945
1934	2,908,275	1916	3,409,581
1933	2,995,468	1915	3,350,420
1932	3,012,529	1914	3,302,503
1931	3,039,026	1913	3,120,146
1930	3,149,460	1912	3,082,671
1929	3,134,614	1911	3,116,768
1928	3,000,172	1910	3,159,712
1927	3,012,786	1909	3,180,780

STATISTICS OF FARM CROPS

ALSIKE AND SWEET CLOVER

The following table gives the area, produce and market value of Alsike and Sweet Clover for the years 1925 to 1944.

Years	Alsike				Sweet Clover			
	Acres	Tons	Per acre	Market value	Acres	Tons	Per acre	Market value
				\$				\$
1944	52,700	75,900	1.44	778,000	183,000	384,000	2.10	2,573,000
1943	54,000	81,000	1.50	792,000	187,000	410,000	2.19	2,628,000
1942	36,500	52,000	1.43	509,000	182,000	391,000	2.15	2,389,000
1941	80,000	87,000	1.09	835,000	210,000	370,000	1.76	2,353,000
1940	71,700	108,000	1.50	665,000	238,700	539,000	2.26	2,382,000
1939	82,297	108,000	1.31	751,000	239,370	507,000	2.12	2,618,000
1938	95,405	130,834	1.37	779,778	233,594	496,328	2.12	2,451,863
1937	55,867	76,268	1.37	515,752	191,360	393,800	2.06	1,900,548
1936	78,570	102,277	1.30	711,660	309,407	598,902	1.94	2,977,973
1935	59,071	90,969	1.54	559,749	289,956	693,022	2.39	2,966,209
1934	67,386	73,503	1.09	844,704	284,224	502,960	1.77	4,728,875
1933	92,306	125,844	1.36	882,624	303,072	630,039	2.08	3,244,726
1932	95,113	143,668	1.51	918,106	318,552	705,119	2.21	3,701,809
1931	97,128	152,516	1.57	1,276,341	306,067	669,446	2.19	4,519,783
1930	141,480	206,020	1.46	2,010,571	338,234	704,281	2.08	5,363,894
1929	189,848	289,560	1.53	2,958,780	388,106	803,576	2.07	6,595,169
1928	155,867	235,325	1.51	2,457,119	413,468	924,608	2.24	7,067,707
1927	176,870	290,345	1.64	2,991,247	400,296	927,342	2.32	7,075,797
1926	129,477	179,664	1.39	2,217,556	365,102	810,852	2.22	7,222,221
1925	177,382	259,649	1.46	2,855,850	344,114	792,340	2.30	7,144,050

RATIOS OF AREA UNDER CROP

The following table shows the number of acres under the various crops per 1,000 acres of cleared land for the years 1882 to 1914, together with the annual averages for the various periods of ten years and for the whole term of years.

Year	Fall Wheat	Spring Wheat	Barley	Oats	Peas	Beans	Rye	Buckwheat	Corn	Potatoes	*Roots	Hay and Clover	Mixed Grains
1944	48.1	2.7	23.8	123.6	2.5	5.9	4.7	10.2	40.9	8.6	2.4	193.7	70.9
1943	39.6	2.5	18.4	96.1	2.1	4.5	4.2	10.5	32.8	7.7	3.8	173.1	59.0
1942	49.7	2.8	23.2	129.1	2.2	4.1	5.2	8.3	36.6	8.0	3.8	163.4	75.6
1941	37.3	3.0	24.0	129.6	2.4	6.2	4.9	7.7	35.6	7.9	4.0	161.4	76.7
1940	50.8	4.5	32.7	147.6	3.6	5.6	5.3	11.9	34.4	9.6	6.4	156.4	59.9
1939	48.2	5.4	34.3	149.2	3.4	4.1	5.0	11.0	34.0	9.3	9.1	157.5	60.0
1938	48.4	5.7	35.5	147.7	3.4	3.9	4.8	12.0	32.8	9.5	8.3	159.3	58.0
1937	46.9	6.1	36.3	147.8	3.8	3.7	4.9	12.7	31.5	9.8	8.3	161.5	58.1
1936	33.5	6.4	34.1	154.2	4.4	3.7	3.5	12.9	31.0	9.5	8.8	165.0	62.6
1935	36.5	6.5	34.4	156.2	4.5	3.7	3.9	12.3	32.4	9.8	9.1	166.2	60.9
1934	28.0	6.4	32.0	157.5	4.5	3.3	3.7	14.1	31.9	10.8	9.1	172.6	62.0
1933	36.8	6.4	30.4	152.4	3.9	3.4	3.6	13.6	27.8	10.4	8.7	182.3	62.3
1932	35.3	6.6	30.1	154.1	3.9	4.1	3.8	13.0	27.4	10.3	8.8	183.2	65.0
1931	34.6	6.5	28.8	153.5	3.9	5.0	4.1	11.8	25.6	11.1	9.2	188.3	66.7
1930	44.6	6.5	40.2	162.6	5.3	4.4	3.5	18.1	29.1	10.5	9.4	187.7	63.1
1929	45.6	7.0	41.0	154.0	5.2	4.2	3.4	19.4	26.9	9.8	9.3	192.2	58.9
1928	45.8	7.2	40.6	175.5	7.3	3.4	4.4	17.9	27.0	12.0	10.1	185.5	59.8
1927	49.6	7.9	34.0	177.7	7.0	3.1	4.8	16.5	28.4	10.6	9.5	187.1	52.8
1926	53.4	7.6	29.7	187.3	6.5	3.4	5.7	15.5	36.2	10.2	9.8	191.1	51.0
1925	49.5	7.5	28.9	187.9	8.8	4.0	6.5	17.1	38.5	10.8	9.8	234.7	45.1
1924	47.9	6.7	29.1	191.7	8.7	3.5	8.4	15.9	44.2	11.2	9.6	235.1	42.8
1923	47.6	7.4	30.1	197.1	7.8	2.7	8.2	15.3	46.2	10.9	8.3	238.9	43.1
1922	54.2	8.3	28.9	202.1	7.0	2.7	10.2	13.2	46.9	11.5	8.4	238.1	36.8
1921	41.4	10.2	30.8	206.1	7.1	1.8	8.2	9.9	45.9	10.9	8.8	236.5	41.2
1920	51.0	17.9	32.4	192.5	7.3	1.5	8.9	9.6	46.3	10.5	10.4	247.1	38.9
1919	41.6	24.2	38.2	179.5	8.5	1.5	9.4	12.0	41.7	10.6	9.9	245.3	42.2
1918	24.5	23.8	44.6	197.6	7.7	6.8	7.6	15.1	38.9	11.2	10.3	244.2	41.9
1917	39.8	12.4	37.4	187.6	6.1	7.5	9.0	10.4	52.3	10.0	11.4	240.9	35.0
1916	47.9	9.8	35.9	183.0	6.5	3.7	10.1	15.6	47.5	9.5	10.8	236.2	33.1
1915	55.5	11.1	37.8	196.4	8.7	4.3	11.9	13.2	51.5	11.9	11.9	221.0	32.5
1914	47.0	8.1	39.7	190.2	12.2	3.5	9.5	12.1	48.6	11.5	11.5	234.0	31.3
1913	44.5	8.0	43.0	186.0	12.2	4.6	8.2	15.7	47.4	11.0	12.0	236.2	28.5
1912	52.6	8.5	44.8	180.1	15.3	4.8	7.4	14.3	47.0	11.0	12.8	233.1	31.0
1911	58.2	9.3	42.9	187.7	21.2	3.6	6.9	13.1	44.8	11.3	13.4	229.6	33.8
1910	51.9	9.0	43.7	192.5	28.2	3.5	6.6	13.6	45.2	11.8	14.5	223.7	34.8
1909	46.5	9.5	48.8	189.0	26.7	3.2	6.6	12.4	42.9	11.9	14.5	226.5	33.3
1908	48.1	10.1	51.9	196.3	28.1	3.3	6.2	9.9	37.7	11.8	14.9	230.2	32.3
1907	47.9	10.2	54.3	207.7	24.1	3.4	4.8	8.0	38.2	12.6	15.1	233.0	31.4
1906	55.8	12.2	53.6	192.6	29.1	3.6	5.7	7.5	33.3	9.7	14.7	217.6	.....
1905	57.2	13.6	55.5	191.5	26.9	3.6	7.3	7.3	34.4	9.5	15.1	216.8	.....
1904	43.8	16.3	55.9	192.2	24.6	3.7	9.5	7.3	37.9	9.7	15.3	211.9	.....
1903	48.8	18.2	52.0	193.4	29.9	3.9	13.1	7.0	43.2	9.2	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	34.1	155.3	64.6	2.8	6.1	10.4	22.8	12.2	13.4	209.8	.....
1891	72.0	43.3	34.6	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	13.7	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 Averages:													
1932-1941	40.2	5.7	32.4	149.6	3.8	4.2	4.3	12.1	31.9	9.7	6.1	166.5	62.6
1922-1931	47.3	7.3	33.1	178.9	6.7	3.6	5.9	16.1	34.9	10.9	9.3	207.8	52.0
1912-1921	44.5	13.4	38.4	189.9	9.1	4.0	9.0	12.9	46.6	10.0	11.0	237.5	35.6
1902-1911	51.3	13.0	50.7	192.8	27.7	3.6	8.0	9.4	40.1	10.9	15.8	219.0	†33.1
1882-1944	54.2	17.3	41.3	172.2	24.4	3.7	7.5	11.3	39.1	11.2	9.8	201.7	‡53.2

*Mangels and turnips. †1907-1911. ‡1907-1944.

MARKET PRICES

The following table gives the average Market Prices of Agricultural Products for the years 1882 to 1944, together with the annual averages for the various periods of ten years and for the whole term of years.

Years	Fall Wheat per bush.	Spring Wheat per bush.	Oats per bush.	Barley per bush.	Peas per bush.	Beans per bush.	Rye per bush.	Buckwheat per bush.	Corn (shelled) per bush.	Hay per ton	Potatoes per cwt.
	cents	cents	cents	cents	cents	\$ c.	cents	cents	cents	\$ c.	cents
1944.....	109.0	108.0	55.0	68.0	275.0	2.50	86.0	75.0	99.0	10.57	177.3
1943.....	107.0	106.0	55.0	66.0	206.0	2.15	86.0	74.0	88.0	9.37	227.0
1942.....	88.0	88.0	44.0	57.0	199.0	1.50	65.0	61.0	80.0	8.89	170.0
1941.....	94.0	90.0	44.0	56.0	187.0	1.65	66.0	58.0	74.0	10.48	120.0
1940.....	63.0	65.0	32.0	44.0	187.0	1.75	50.0	46.0	55.0	6.56	111.0
1939.....	64.0	66.0	31.0	46.0	177.0	2.25	58.0	52.0	55.0	7.61	113.0
1938.....	56.0	58.0	27.9	40.8	150.0	1.00	43.5	41.1	43.0	6.92	77.8
1937.....	103.9	102.4	42.1	58.5	156.0	1.07	78.0	59.6	60.5	7.14	60.4
1936.....	109.0	108.0	48.0	80.0	155.0	2.02	84.0	69.0	68.0	8.79	135.0
1935.....	71.0	73.0	28.0	40.0	95.0	1.45	40.0	40.0	45.0	7.08	100.0
1934.....	88.0	85.0	35.0	50.0	85.0	1.27	55.0	47.0	65.0	12.62	55.0
1933.....	66.0	67.0	33.0	41.0	80.0	.92	51.0	42.0	56.0	8.41	100.0
1932.....	46.0	45.0	25.0	36.0	65.0	.49	37.0	35.0	45.0	7.24	69.0
1931.....	51.6	50.9	25.0	36.5	62.6	.58	41.9	42.3	39.8	8.43	39.3
1930.....	66.3	65.5	29.7	35.9	104.8	1.44	48.5	51.7	69.3	10.42	99.5
1929.....	124.0	125.2	62.4	76.5	163.0	3.03	97.1	83.2	100.2	11.28	180.0
1928.....	122.0	119.2	55.5	74.2	152.8	3.83	95.2	81.5	102.2	11.23	93.0
1927.....	124.7	122.1	57.3	77.6	149.8	2.35	95.3	77.9	99.5	11.02	147.0
1926.....	125.1	125.1	51.8	68.0	150.6	2.34	87.2	77.0	80.3	12.75	188.2
1925.....	133.6	133.0	45.2	68.1	135.5	2.11	87.1	73.2	88.6	11.61	228.2
1924.....	133.9	137.0	54.2	82.2	151.1	2.29	107.5	86.7	105.3	10.91	89.2
1923.....	96.2	96.3	45.4	62.8	144.8	2.43	73.7	73.2	75.5	11.05	124.7
1922.....	104.6	105.1	43.5	61.3	140.3	2.54	78.4	73.5	69.9	12.03	85.0
1921.....	110.5	109.4	50.4	65.7	153.0	2.35	82.6	74.0	59.1	19.27	147.0
1920.....	193.4	183.8	58.2	93.8	193.3	2.88	142.0	105.5	99.6	24.25	165.3
1919.....	237.2	240.9	97.7	145.8	263.9	4.00	159.1	140.7	162.3	22.68	275.3
1918.....	210.9	208.6	75.0	103.6	217.7	4.49	151.7	135.0	157.4	18.13	165.5
1917.....	209.8	209.7	77.9	125.7	321.0	6.91	162.6	142.9	186.0	11.81	205.3
1916.....	161.3	162.2	66.0	101.9	210.5	5.46	118.8	109.0	111.5	10.60	216.8
1915.....	97.1	98.6	39.5	56.0	161.6	3.11	78.9	71.5	68.1	14.51	135.7
1914.....	109.1	107.9	49.5	64.3	136.6	2.14	84.9	71.5	68.6	14.55	73.3
1913.....	85.0	87.9	36.9	55.5	100.6	1.70	66.2	63.5	64.5	13.07	106.2
1912.....	91.7	90.0	38.6	58.7	110.3	1.93	70.0	54.5	55.8	11.77	106.2
1911.....	86.6	90.7	44.2	73.9	98.2	1.90	84.9	60.4	66.3	13.16	140.3
1910.....	86.6	89.6	35.0	52.0	80.7	1.55	63.2	50.0	56.0	9.91	82.0
1909.....	102.3	100.6	39.5	54.8	84.6	1.61	67.4	53.4	64.4	12.81	60.8
1908.....	89.2	90.8	40.3	52.4	82.7	1.48	69.7	54.2	60.0	10.25	79.8
1907.....	92.7	86.4	48.8	59.4	78.0	1.52	69.4	57.4	42.6	15.11	97.2
1906.....	70.7	68.9	34.0	45.0	70.6	1.39	60.9	49.5	56.4	9.10	89.7
1905.....	76.5	74.9	33.6	42.9	65.3	1.32	56.8	50.0	55.4	7.72	76.7
1904.....	98.7	94.2	32.3	43.7	63.0	1.22	57.6	48.6	56.1	7.97	84.5
1903.....	75.1	74.4	29.3	42.1	64.3	1.41	48.6	44.3	55.4	7.94	73.5
1902.....	70.7	69.6	34.8	45.1	71.0	1.35	50.5	48.0	60.9	8.15	94.3
1901.....	66.1	66.8	36.2	45.0	65.3	1.25	49.3	48.4	57.0	7.99	71.0
1900.....	66.4	67.5	26.5	38.9	57.1	1.00	48.5	43.7	47.6	8.48	43.5
1899.....	66.7	66.5	27.7	39.5	57.3	1.08	50.0	45.5	29.7	7.72	54.7
1898.....	69.4	69.2	25.8	38.0	52.2	.70	43.5	38.2	30.2	6.22	73.5
1897.....	78.2	78.6	22.6	27.0	42.1	.65	37.7	30.0	29.6	7.18	66.5
1896.....	71.0	70.6	20.0	31.6	44.0	.68	36.6	30.5	29.4	9.68	43.5
1895.....	69.3	69.8	29.1	40.4	54.8	.95	45.6	36.8	33.9	12.30	33.7
1894.....	55.0	55.5	30.8	40.5	53.6	1.10	44.2	39.2	39.2	7.56	59.0
1893.....	59.9	59.4	33.2	40.1	54.0	1.18	47.5	41.8	39.8	7.64	65.8
1892.....	70.7	67.8	30.8	41.3	59.0	.99	55.8	42.2	39.5	8.20	84.0
1891.....	95.1	92.9	36.5	49.1	63.8	1.06	72.3	44.1	46.7	11.91	54.3
1890.....	94.2	91.3	41.1	50.2	60.3	1.29	52.7	43.0	45.8	7.95	74.0
1889.....	88.4	88.1	30.5	44.0	55.7	1.27	50.9	39.5	38.9	9.98	75.8
1888.....	102.4	99.3	40.5	60.1	65.4	1.14	60.2	49.3	44.0	16.17	52.8
1887.....	78.4	78.0	34.6	56.7	55.9	.98	49.5	45.0	43.1	11.62	104.7
1886.....	73.6	72.5	32.0	51.3	52.6	.84	52.2	33.7	41.4	9.69	74.8
1885.....	81.5	80.6	31.5	55.2	58.0	.80	55.2	39.2	41.9	9.85	68.5
1884.....	80.5	81.4	33.1	53.6	64.4	1.18	59.7	40.0	67.5	9.56	66.7
1883.....	105.0	107.0	38.0	57.0	71.0	.....	62.0	.....	.....	9.02	103.3
1882.....	101.0	106.0	43.0	65.0	74.0	1.97	64.0	40.0	60.0	11.54	106.7
Annual Averages											
1932-1941	74.0	75.1	34.4	48.9	127.2	1.41	56.0	48.3	57.5	8.06	91.0
1922-1931	110.6	108.5	47.1	64.2	139.3	2.23	83.2	73.3	81.6	11.08	121.0
1912-1921	144.5	171.6	58.5	86.0	172.3	2.35	111.4	94.4	93.5	15.88	150.2
1902-1911	83.6	81.2	36.7	50.1	74.8	1.48	60.2	52.4	57.3	9.97	85.7
1882-1944	94.5	96.3	41.7	57.6	72.9	1.82	72.0	63.4	*64.8	10.76	99.9

*Average for 53 years, 1892-1944.

STATISTICS OF LIVE STOCK

NUMBER OF LIVE STOCK ON HAND

The following table gives the number of Horses, Cattle, Sheep, Swine and Poultry on hand in June of each year for the sixty-three years, 1882-1944.

Years	Horses	Cattle	Sheep	Swine	Poultry
	No.	No.	No.	No.	No.
1944	506,607	2,744,810	736,783	1,900,000	27,467,483
1943	522,187	2,692,672	737,486	1,885,600	26,692,812
1942	526,976	2,639,212	688,904	1,861,298	24,621,791
1941	533,742	2,641,046	661,900	1,922,357	23,092,833
1940	559,863	2,518,350	694,600	1,997,957	22,901,148
1939	559,468	2,488,041	735,500	1,546,095	22,841,667
1938	560,711	2,492,258	762,000	1,430,309	22,420,047
1937	557,845	2,453,081	793,000	1,457,886	22,536,141
1936	562,916	2,474,194	819,100	1,408,308	22,958,383
1935	562,877	2,469,231	889,700	1,225,310	22,961,834
1934	563,657	2,494,471	920,500	1,177,913	22,802,578
1933	567,093	2,522,180	972,900	1,257,870	22,991,456
1932	578,615	2,528,615	1,025,400	1,375,115	22,929,143
1931	578,157	2,509,205	1,044,600	1,359,176	23,736,125
1930	606,719	2,675,488	1,134,457	1,661,556	22,560,260
1929	606,505	2,671,594	1,130,395	1,681,263	22,045,091
1928	609,249	2,682,053	1,014,106	1,833,538	19,703,576
1927	617,136	2,709,954	956,267	1,883,177	19,048,045
1926	629,659	2,757,799	886,483	1,735,355	17,693,000
1925	644,138	2,809,373	868,526	1,678,595	17,778,581
1924	663,875	2,917,302	870,279	1,807,903	16,751,345
1923	673,371	2,838,087	907,673	1,734,734	15,203,384
1922	685,852	2,836,181	986,617	1,553,434	13,964,317
1921	694,237	2,890,113	1,081,828	1,563,807	11,458,206
1920	704,640	2,881,827	1,129,084	1,614,356	11,005,645
1919	719,569	2,927,191	1,101,740	1,695,487	11,705,809
1918	732,977	2,867,722	972,341	1,656,386	12,281,105
1917	765,873	2,827,609	956,986	1,664,639	13,606,292
1916	775,732	2,734,767	908,066	1,735,254	14,377,844
1915	779,131	2,674,746	908,095	1,769,295	14,273,091
1914	774,544	2,604,628	922,375	1,770,533	14,175,214
1913	751,726	2,628,845	996,155	1,618,734	13,511,383
1912	742,139	2,624,780	1,021,848	1,702,652	13,024,938
1911	737,916	2,593,205	1,040,245	1,744,983	12,942,293
1910	724,384	2,567,128	1,065,101	1,561,042	12,460,787
1909	728,308	2,668,584	1,130,667	1,551,187	12,086,580
1908	726,471	2,824,859	1,143,898	1,818,763	12,285,613
1907	725,666	2,926,236	1,106,083	2,049,666	13,428,076
1906	688,147	2,963,618	1,304,809	1,819,778	10,254,824
1905	672,781	2,889,503	1,324,153	1,906,460	9,738,493
1904	655,554	2,776,304	1,455,482	2,008,984	9,412,683
1903	639,581	2,674,261	1,642,627	1,977,386	9,683,573
1902	626,106	2,562,584	1,715,513	1,684,635	9,762,808
1901	620,343	2,507,620	1,761,799	1,491,885	9,745,236
1900	617,309	2,429,330	1,797,213	1,771,641	9,541,241
1899	615,524	2,318,355	1,772,604	1,971,070	9,344,024
1898	611,241	2,215,943	1,677,014	1,640,787	9,084,273
1897	813,670	2,182,326	1,690,350	1,284,963	8,435,341
1896	624,749	2,181,958	1,849,348	1,269,631	7,734,167
1895	647,696	2,150,103	2,022,735	1,299,072	7,752,840
1894	674,777	2,099,301	2,015,805	1,142,133	7,552,662
1893	685,187	2,057,882	1,935,938	1,012,022	7,114,436
1892	688,814	2,029,140	1,850,473	996,974	7,078,973
1891	678,459	1,978,815	1,693,751	1,156,316	7,006,090
1890	659,636	1,894,712	1,339,695	1,140,559	6,854,864
1889	618,795	1,891,899	1,344,180	835,469	6,304,298
1888	596,218	1,928,638	1,349,044	819,079	6,164,114
1887	575,361	1,948,264	1,396,161	832,817	6,438,361
1886	569,649	2,018,173	1,610,949	860,125	6,968,915
1885	558,809	1,976,480	1,755,605	822,262	6,336,805
1884	535,953	1,925,670	1,890,733	916,158	6,237,606
1883	560,133	1,828,613	1,868,784	906,727	5,847,344
1882	503,604	1,586,312	1,915,303	850,226	5,352,120

VALUES PER HEAD OF LIVE STOCK AND POULTRY ON HAND FOR THE YEARS
1892 TO 1944

Years	Horses all Ages	Cattle		Sheep and Lambs	Swine all Ages	Poultry all Kinds
		Milch Cows	Other Cattle			
1944.....	\$ 88	\$ c. 81 53	\$ c. 35 21	\$ c. 7 62	\$ c. 11 96	\$ c. 66
1943.....	86	79 32	34 33	7 91	11 03	63
1942.....	90	68 69	31 33	8 41	11 45	53
1941.....	85	65 20	29 89	7 73	10 19	49
1940.....	103	55 42	27 43	7 88	10 36	64
1939.....	113	49 42	24 86	6 69	11 04	63
1938.....	98	46 75	28 39	6 76	13 11	61
1937.....	103	47 96	28 92	6 96	10 60	62
1936.....	109	43 40	19 86	6 53	9 45	54
1935.....	103	40 56	18 71	5 80	10 08	52
1934.....	97	36 94	17 53	5 54	9 31	51
1933.....	88	38 41	17 87	5 73	6 94	52
1932.....	75	43 42	20 18	4 92	5 25	45
1931.....	87	52 79	22 49	6 37	8 81	45
1930.....	100	73 11	32 42	9 55	11 22	59
1929.....	110	80 34	35 61	11 02	12 15	61
1928.....	110	68 33	30 09	11 05	10 80	63
1927.....	108	60 92	27 05	10 91	12 83	65
1926.....	108	59 14	26 84	10 93	14 13	70
1925.....	108	58 55	27 70	11 03	14 55	76
1924.....	109	55 41	27 05	8 14	8 96	80
1923.....	111	55 24	25 14	7 27	10 96	82
1922.....	109	52 68	24 25	6 70	10 65	88
1921.....	109	51 56	24 77	7 59	12 28	97
1920.....	127	85 84	44 67	14 34	19 98	1 07
1919.....	129	88 71	46 37	16 45	19 62	97
1918.....	131	83 55	45 52	16 14	18 80	76
1917.....	130	75 54	39 55	10 39	12 89	63
1916.....	131	66 35	34 91	8 13	10 83	55
1915.....	139	60 83	32 18	7 05	9 93	54
1914.....	145	57 01	30 81	6 67	10 14	53
1913.....	151	50 56	27 29	6 27	9 51	51
1912.....	147	47 82	25 61	6 05	8 31	47
1911.....	140	45 31	24 07	5 97	8 36	46
1910.....	128	40 76	22 43	5 75	8 50	43
1909.....	120	38 19	21 45	5 54	7 18	37
1908.....	118	36 90	21 13	5 54	6 67	36
1907.....	117	36 43	21 15	5 36	6 92	36
1906.....	116	35 99	21 62	5 15	7 02	36
1905.....	110	35 06	21 29	4 68	6 44	34
1904.....	104	34 70	20 84	4 41	6 43	33
1903.....	97	34 15	20 58	4 40	6 59	31
1902.....	88	32 96	19 46	4 45	6 69	30
1901.....	81	31 74	18 57	4 41	6 23	29
1900.....	76	31 01	17 93	4 29	5 42	29
1899.....	69	30 31	17 41	4 13	5 16	28
1898.....	63	28 28	15 98	3 88	5 31	28
1897.....	59	26 13	14 58	3 55	5 08	27
1896.....	60	27 60	15 05	3 60	5 12	28
1895.....	62	29 74	16 08	3 81	5 47	28
1894.....	69	31 02	17 15	4 27	6 05	29
1893.....	74	31 63	17 78	4 66	6 54	31
1892.....	81	29 95	17 69	4 63	5 50	30

FORTY-THIRD ANNUAL REPORT
OF THE
**Temiskaming and Northern Ontario
Railway Commission**

ONTARIO GOVERNMENT RAILWAY
HONOURABLE GEORGE A. DREW, PREMIER

FOR THE YEAR ENDED
March 31st, 1944

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 23, 1945



TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1945

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

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour of presenting to Your Honour the Forty-Third Annual Report of The Temiskaming and Northern Ontario Railway Commission for the Year ended March 31st, 1944.

Respectfully submitted,

GEORGE A. DREW,
Prime Minister and President of the Council.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY COMMISSION

North, Bay, Ontario,
September 30, 1944.

HONOURABLE GEORGE A. DREW,
Prime Minister,
Province of Ontario,
Parliament Buildings,
Toronto, Ontario.

SIR:

In conformity with Section 36 of the Temiskaming and Northern Ontario Railway Act, Chapter 55, Revised Statutes of Ontario, 1937, I have the honour of submitting the Forty-third Annual Report of The Temiskaming and Northern Ontario Railway Commission, for the fiscal year ended March 31, 1944.

Yours faithfully,

C. E. REYNOLDS,
Chairman.

TEMISKAMING AND NORTHERN ONTARIO
RAILWAY COMMISSION

COLONEL C. E. REYNOLDS, D.S.O., M.C.	Chairman	North Bay
ROBERT S. POTTER	Commissioner	Matheson
REGINALD A. AUBERT	Commissioner	Englehart

Appointed August 17, 1944.

PRINCIPAL OFFICERS

A. H. CAVANAGH	General Manager	North Bay
A. FREEMAN	Secretary Treasurer and Assistant to General Manager	North Bay
S. B. CLEMENT	Chief Engineer	North Bay
F. G. FOSTER	Superintendent of Motive Power and Car Equipment	North Bay
A. JARDINE	Superintendent	Englehart
D. HAMILTON	General Auditor	North Bay
C. O. BAKER	Traffic Manager	North Bay
G. B. ALFORD	Purchasing Agent and Storekeeper	North Bay
C. L. FERGUSON	Auditor of Payrolls and Paymaster	North Bay
R. P. C. McLEOD	General Freight and Passenger Agent	North Bay
G. M. SIMPSON	Superintendent of Telegraph and Telephone Service	North Bay

TEMISKAMING AND NORTHERN ONTARIO RAILWAY COMMISSION

North Bay, Ontario.
September 30, 1944.

COLONEL C. E. REYNOLDS, D.S.O., M.C.,
Chairman.

SIR:

I now submit the Forty-Third Annual Report of the Temiskaming and Northern Ontario Railway Commission, covering the fiscal year ended March 31, 1944.

RAILWAY EARNINGS AND EXPENSES

Results of railway operations as compared with previous year:

	Year ended March 31, 1944	Year ended March 31, 1943	Increase or Decrease
Operating Revenues	\$6,358,428.95	\$6,240,648.91	(i) \$117,780.04
Operating Expenses	4,864,032.76	4,682,531.11	(i) 181,501.65
Operating Ratio	76.5%	75%	(i) 1.5%
Net Operating Revenue	1,494,396.19	1,558,117.80	(d) 63,721.61
Non-Operating Income	66,459.04	106,262.67	(d) 39,803.63
Gross Income	1,560,855.23	1,664,380.47	(d) 103,525.24
Deductions from Gross Income (1)	486,544.45	488,240.25	(d) 1,695.80
(1) Hire of Freight Cars (Debit Balance) Joint Facility Rents; Interest; Ex- change, etc.			
To Profit and Loss Account	1,074,310.78	1,176,140.22	(d) 101,829.44

PROFIT AND LOSS ACCOUNT

The surplus in Profit and Loss Account on March 31, 1944, was \$9,447,053.54; this being a Net increase of \$1,037,074.82 as per details shown in the Profit and Loss Statement appended to the General Balance Sheet, which is included in the Financial Statements.

NET PROFIT

The Net Profit for the year after payment of all expenses, including interest on borrowed money and on Bonds held by the Public, and after making provision for retirement of abandoned facilities, was \$1,037,074.82, compared with \$1,155,394.56 for the previous Fiscal Year, being a reduction of \$118,319.74, or 10.2%. The following table shows the Net Profit in recent years and the percentage of Net calculated on Provincial Investment of \$30,907,235:

Year ended		
March 31, 1940	\$1,154,719.78	3.82%
" 31, 1941	1,316,470.99	4.36%
" 31, 1942	1,311,304.97	4.34%
" 31, 1943	1,155,394.56	3.82%
" 31, 1944	1,037,074.82	3.36%

FINANCIAL

Surplus earnings were used to liquidate completely the Unfunded Debt of the Railway. At the beginning of the Year the Railway owed the Bank \$400,000.00 on a Demand Note; this was paid off; Maturing Debentures to the amount of \$130,000.00 were retired, making total reduction in debt of \$530,000.00 for the Year. In addition, all Capital Expenditures were financed out of Income.

TRAFFIC

During the Year under review Freight Traffic increased somewhat in volume, but at the same time Freight Revenue declined, the comparable figures being \$4,510,279.34 for the year ended March 31, 1943, and \$4,478,313.95 for the year ended March 31, 1944, a drop of \$31,965.39, or 7/10th of One Per cent. Passenger earnings were at a high level, amounting to \$1,067,239.18, as compared with \$998,128.04 for the previous Year, an increase of \$69,111.14 or 6.9%. Long Distance Telephone and Commercial Telegraph business was very good and revenues from miscellaneous services remained satisfactory.

IMPROVEMENTS TO PROPERTY

Capital Expenditures during the Year ended March 31, 1944, did not include any large individual items, but a number of small improvements to plant and equipment were authorized, such as widening embankments, additional tie plates, boosters and stokers applied to locomotives, etc.

GENERAL

At the time of writing (September, 1944) the outlook for railway operations is obscure. Despite Wartime controls, which, undoubtedly, have had a beneficial effect, operating costs have increased steadily since the beginning of the War. Wartime Cost-of-Living Bonuses ultimately amounted to \$4.60 per week, per employee, or \$19.93 per month. On February 16, 1944, these Bonuses were merged into the basic rates. A decision of the National War Labour Board issued on July 31, 1944, called for an addition of 6 cents per hour, or \$12.48 per month to the basic wage rates of all organized employees. Thus the basic wages of practically all workers have increased by \$32.41 per month since the commencement of the War. It is estimated that our payroll has increased by \$650,000.00 per year when compared with pre-war conditions. Supplies are also more costly, particularly locomotive fuel, rails and ties. The following table gives the cost of locomotive fuel for the last five years:

Year ended	Cost of Locomotive Fuel
March 31, 1940	\$575,759.01
" 31, 1941	627,174.94
" 31, 1942	738,643.90
" 31, 1943	784,633.04
" 31, 1944	886,651.99

This represents an increase of \$310,892.98 or about 54% when the year ended March 31, 1944, is compared with the year ended March 31, 1940. During the same period Operating Revenues increased only slightly over 6%.

The cumulative effect of these various increases in operating costs is now being felt and will be felt more definitely in the future. No increases in freight rates or passenger fares have been authorized to offset these increased operating costs. It is, therefore, anticipated that for the immediate future there will be no great change in the volume of traffic; but the increased costs of operating will materially cut into the net earnings of the road. It is already apparent that the net for the year ending March 31, 1945, will be considerably less than in recent years.

The outlook for business is reasonably good. Probably at no time in the history of the Province has there been as much prospecting for minerals as is now going on; and optimism is everywhere apparent. With the prospective

close of the European phase of the war already in sight, it is anticipated there will be a great revival of trade in the mining centres as normal production is restored. There are many indications of increased tourist traffic in the coming years; and the general outlook for traffic—both freight and passenger—is hopeful.

The labour situation continues difficult, but not desperate. Very little maintenance work has had to be deferred. The property is in a high state of efficiency and capable of meeting any demands which may be made on it, either in War or Peace.

All of which is respectfully submitted.

A. H. CAVANAGH,
General Manager.

AUDITORS' REPORT

EDWARDS, MORGAN AND COMPANY

Chartered Accountants

Toronto 2, Ontario

TO THE COMMISSIONERS,
Temiskaming and Northern Ontario Railway,
North Bay, Ontario.

We have examined the books and records of the Temiskaming and Northern Ontario Railway for the Year ending March 31, 1944.

The record of securities owned and held in trust on that date has been verified by examination of the said securities in the custody of the Treasurer.

We certify that the annexed Balance Sheet and Surplus Account are in accord with the books and records and that they are, in our opinion, properly drawn up so as to show the true financial position of the Railway at March 31, 1944, and correctly set forth the result of operations for the Year ending on that date.

(Signed) EDWARDS, MORGAN & CO.,
Chartered Accountants.

August 29, 1944.

TEMISKAMING AND NORTHERN ONTARIO RAILWAY

Assets

INVESTMENT:	
Road.....	\$34,563,432.63
Railway Equipment and Motor Buses.....	6,507,496.56
Restaurant and News Equipment.....	15,506.21
Improvements to Leased Property.....	97,748.40
Affiliated Company—	
Nipissing Central Railway..	\$4,943,379.00
Less Reserve.....	674,391.71
	<u>4,268,987.29</u>
	\$45,453,171.09
CURRENT ASSETS:	
Cash.....	456,652.66
Accounts Receivable.....	267,222.45
Balance due on Townsite Sales.....	2,928.71
Agents' and Conductors' Balances.....	311,739.27
Material and Supplies.....	1,180,284.30
Ballast Pit Sidings.....	63,192.15
Victory Bonds, Employees.....	18,793.60
Other Assets.....	106.54
	<u>2,300,919.68</u>
DEFERRED ASSETS:	
Pension Fund Investments:	
Non-Contributory.....	\$ 195,646.50
Contributory.....	845,320.74
	<u>1,040,967.24</u>
Fire Insurance Fund.....	103,962.78
	<u>1,144,930.02</u>
UNADJUSTED DEBITS:	
Advances to Treasurer and Paymaster.....	2,282.24
Accounts in Suspense.....	373.72
	<u>2,655.96</u>
	<u>\$48,901,676.75</u>

BALANCE SHEET AS AT 31st MARCH, 1944

Liabilities

PROVINCE OF ONTARIO:	
Loan without interest.....	\$30,207,934.92
LONG TERM DEBT:	
Debenture Debt payable in Instalments in the years 1945 to 1968, Interest 4% per Annum.....	5,291,000.00
CURRENT LIABILITIES:	
Audited Accounts and Wages Payable.....	\$ 517,455.87
Traffic Balances.....	48,321.73
Debenture Interest, due and accrued.....	39,533.36
War Savings Certificates, Employees.....	1,134.50
	<u>606,445.46</u>
DEFERRED LIABILITIES:	
Pension Fund Reserve:	
Non-Contributory Fund..	\$ 195,646.50
Contributory Fund.....	845,320.74
	<u>1,040,967.24</u>
Fire Insurance Reserve.....	103,962.78
	<u>1,144,930.02</u>
UNADJUSTED CREDITS:	
Equipment Retirement Reserve:	
Railway Equipment.....	\$2,113,432.29
Motor Buses.....	67,429.73
Restaurant and News Equipment.....	11,460.92
	<u>2,192,322.94</u>
Fidelity Insurance Reserve.....	3,610.43
Casualty Insurance Reserve.....	4,485.00
Accounts in Suspense.....	3,894.44
	<u>\$ 2,204,312.81</u>
SURPLUS:	
Balance, March 31, 1944.....	9,447,053.54
	<u>\$48,901,676.75</u>

Certified as per our Report of this date.

(SIGNED) EDWARDS, MORGAN & CO.,

Chartered Accountants.

August 29, 1944.

SURPLUS ACCOUNT

Balance—March 31, 1943.....	\$ 8,409,978.72
ADD:	
Profit from operating for Year ending March 31, 1944	1,074,310.78
Townsite Sales.....	580.00
Unclaimed Vouchers.....	633.52
Unclaimed Wages.....	384.12
	<u>\$ 9,485,887.14</u>

DEDUCT:	
Retired Road and Equipment.....	\$ 38,653.60
Uncollectible Accounts.....	180.00
	<u>38,833.60</u>
Balance—March 31, 1944.....	9,447,053.54
	<u>\$ 9,485,887.14</u>

COMPARATIVE INCOME STATEMENT

April 1, 1942 to March 31, 1944

	April 1, 1943 to March 31, 1944	April 1, 1942 to March 31, 1943
Operating Income		
Railway Operating Income.....	\$6,358,428.95	\$6,240,648.91
Railway Operating Expense.....	4,864,032.76	4,682,531.11
Net Operating Revenue.....	\$1,494,396.19	\$1,558,117.80
Non-Operating Income		
Interest and Exchange.....		\$ 32,474.01
Rent from all Other Equipment.....	\$ 41,401.13	48,867.38
Joint Facility Rent Income.....	24,863.91	24,740.28
Miscellaneous Income.....	194.00	181.00
Gross Income.....	\$1,560,855.23	\$1,664,380.47
Deductions from Gross Income		
Hire of Freight Cars—Debit Balance.....	\$ 256,835.15	\$ 261,370.26
Joint Facility Rents.....	2,957.00	2,939.00
Interest on Funded Debt.....	215,973.36	221,006.64
Interest and Exchange.....	8,372.19	
Miscellaneous Income Charges.....	2,406.75	2,924.35
	\$ 486,544.45	\$ 488,240.25
Net Income carried to Profit and Loss.....	\$1,074,310.78	\$1,176,140.22

RAILWAY OPERATING REVENUES

	April 1 1943 to March 31, 1944	April 1, 1942 to March 31, 1943
Freight.....	\$4,478,313.95	\$4,510,279.34
Passenger.....	1,067,239.18	998,128.04
Excess Baggage.....	2,873.04	3,612.67
Parlour and Chair Car.....	92.20	81.10
Mail.....	69,454.80	70,330.57
Express.....	131,224.88	120,581.34
Milk.....	14,054.80	8,085.46
Switching.....	9,803.30	12,787.35
Dining and Buffet.....	11,061.13	9,506.74
Hotel and Restaurant.....	81,343.51	70,664.99
Station, Train and Boat Privileges.....	642.35	664.50
Storage—Freight.....	1,166.81	1,102.64
Storage—Baggage.....	503.90	513.65
Demurrage.....	17,826.00	14,387.75
Telegraph.....	79,583.28	73,296.88
Telephone.....	282,924.72	246,447.76
Bus.....	68,890.18	60,715.78
Rents of Buildings and Other Property.....	37,005.11	35,751.31
Miscellaneous.....	4,802.53	3,979.02
Joint Facility, Dr.....	376.72	267.98
	\$6,358,428.95	\$6,240,648.91

SUMMARY OF RAILWAY OPERATING EXPENSES

Maintenance of Way and Structures.....	\$1,010,012.36	\$1,001,258.82
Maintenance of Equipment.....	939,930.94	895,433.94
Traffic.....	35,669.84	38,549.55
Transportation.....	2,281,040.68	2,170,277.35
Miscellaneous Operations.....	332,412.68	317,322.59
General.....	264,966.26	259,688.86
	\$4,864,032.76	\$4,682,531.11
Ratio of Operating Expenses to Operating Revenue.....	76.5%	75.0%

TRAFFIC AND MILEAGE STATISTICS
FISCAL YEAR ENDED MARCH 31, 1944

Passenger Traffic

Number of Passengers carried earning revenue.....	446,214
Number of Passengers carried One Mile.....	43,386,908
Number of Passengers carried One Mile per Mile of Road.....	75,587
Average Distance Carried—Miles.....	97.23
Total Passenger Revenue.....	\$1,067,239.18
Average amount received from each Passenger.....	\$2.39
Average Receipts per Passenger Per Mile (Cents).....	2.46
Total Passenger Train Service Revenue.....	\$1,284,938.90
Passenger Service Train Revenue Per Mile of Road.....	\$2,238.57
Passenger Service Train Revenue Per Train Mile.....	\$2.24

Freight Traffic

Number of tons carried earning revenue.....	2,027,166
Number of tons carried earning revenue one mile.....	420,685,207
Number of tons carried earning revenue one mile per mile of road.....	732,901
Average distance haul of one ton—miles.....	207.52
Total Freight Revenue.....	\$4,478,313.95
Average amount received for each ton.....	\$2.21
Average amount received per ton per mile (cents).....	1.06
Freight Revenue per mile of road.....	\$7,801.94
Freight revenue per train mile.....	\$5.67

Total Traffic

Operating revenue.....	\$6,358,428.95
Operating revenue per mile of road.....	\$11,077.40
Operating revenue per train mile.....	\$4.66
Operating expenses.....	\$4,864,032.76
Operating expenses per mile of road.....	\$8,473.92
Operating expenses per train mile.....	\$3.57
Net operating revenue.....	\$1,494,396.19
Net operating revenue per mile of road.....	\$2,603.48

Car Mileage

Average number of passengers carried one mile per car mile.....	10.7
Average number of passengers carried one mile per train mile.....	75.6
Average number of passenger cars per train mile.....	7.1
Mileage of passenger cars.....	4,054,782
Mileage of loaded freight cars.....	14,959,927
Mileage of empty freight cars.....	7,784,943
Average number of freight cars per train mile.....	29.8
Average number of loaded freight cars per train mile.....	18.9
Average number of empty freight cars per train mile.....	9.9
Average number of tons of freight per train mile.....	532.8
Average number of tons of freight per loaded car mile.....	28.1
Average miles operated during the year.....	574

Train Mileage

Mileage of revenue passenger trains.....	574,000
Mileage of revenue freight trains.....	789,642
Total revenue train mileage.....	1,363,642

Miles of Track Operated at Close of Fiscal Year
March 31, 1944

MAIN LINE:	
North Bay to Timmins.....	257.30
Porquus to Cochrane.....	28.10
Cochrane to Moosonoc.....	186.20
	471.60
BRANCH LINES:	
Earlton to Elk Lake.....	28.50
Englehart to Charlton.....	7.60
Porquus to Iroquois Falls.....	6.60
Swastika to Noranda.....	59.70
	102.40

**Miles of Track Operated at Close of Fiscal Year
March 31, 1944—(Continued)**

OTHER TRACKS:

Yard Tracks and Sidings	120.40
-------------------------------	--------

PRIVATE SIDINGS OPERATED BY THE RAILWAYS:

Under Private Siding Agreement	24.50	
Owned by Private Companies	1.74	
		26.24

SIDINGS OPERATED BY PRIVATE COMPANIES:

Under Private Siding Agreement	9.94
--------------------------------------	------

730.58

DETAILS OF RAILWAY EQUIPMENT

	March 31, 1943	Additions During Year	Retirements During Year	March 31, 1944
LOCOMOTIVES:				
Passenger-Freight	45	0	0	45
Switching	6	0	0	6
Total	51	0	0	51
FREIGHT EQUIPMENT:				
Box Cars	213	0	1	212
Flat Cars	228	0	12	216
Stock Cars	0	0	0	0
Cabooses	34	0	0	34
Gas Transport, Dump, Hart and Cinder Cars	140	0	6	134
Total	615	0	19	596
PASSENGER EQUIPMENT:				
First Class Cars	31	0	0	31
Second Class Cars	11	0	0	11
Combination Cars	6	0	0	6
Parlor-Cafe and Restaurant Cars	3	0	0	3
Baggage and Express Cars	13	0	0	13
Diesel Power	1	0	0	1
Others Cars in Passenger Service	11	0	0	11
Total	76	0	0	76
WORK EQUIPMENT:				
Business Cars	3	0	0	3
All other cars in Railway Service	144	0	3	141
Total	147	0	3	144

DETAILS OF HIGHWAY SERVICE EQUIPMENT

	March 31, 1943	Additions During Year	Retirements During Year	March 31, 1944
Buses	7	0	0	7
Trucks	1	0	0	1
Total	8	0	0	8

BALANCE SHEET AS AT 31st MARCH, 1944

NIPISSING CENTRAL RAILWAY COMPANY

Assets	Liabilities
<p>INVESTMENT:</p> <p>Road.....\$ 4,268,987.29</p> <p>Deficit—March 31, 1944.....<u>674,391.71</u></p> <p style="text-align: right;">\$ 4,943,379.00</p>	<p>Capital Stock.....\$ 159,000.00</p> <p>Temiskaming and Northern Ontario Railway Advance.....<u>4,784,379.00</u></p> <p style="text-align: right;">\$ 4,943,379.00</p>

SURPLUS (DEFICIT) ACCOUNT

Deficit—March 31, 1943.....	\$ 674,392.71
Rent of Road to Temiskaming & Northern Ontario Railway.....	1.00
Deficit—March 31, 1944.....	\$ 674,391.71

TO THE COMMISSIONERS,
Temiskaming and Northern Ontario Railway,
North Bay, Ont.

We have examined the books and records of the Nipissing Central Railway for the year ending March 31, 1944.

We certify that the above Balance Sheet and Surplus Account are in accord with the books and records and that they are, in our opinion, properly drawn up so as to show the true financial position of the Railway at March 31, 1944.

(Signed) EDWARDS, MORGAN & CO.,
Chartered Accountants.

August 29, 1944.

466028

Ontario. Legislative Assembly

Sessional papers

Vol. 77. Pt. 3

Gov. Doc.

Ont

L

NAME OF BORROWER.

DATE.

University of Toronto
Library

DO NOT
REMOVE
THE
CARD
FROM
THIS
POCKET



