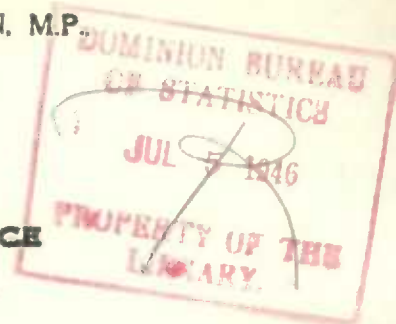


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Minister of Trade and Commerce



CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL & CHEMICAL BRANCH

THE
MEDICINAL & PHARMACEUTICAL PREPARATIONS
INDUSTRY
IN
CANADA
1944



OTTAWA
1946

Price 25 cents

ANNOUNCEMENT

THE GOVERNMENT OF GREAT BRITAIN

OFFICE OF THE SECRETARY OF STATE FOR THE HOME DEPARTMENT

AND

THE GOVERNMENT OF IRELAND

London

NOTICE OF THE DEPARTURE OF THE GREAT BRITAIN

AND

IRISH

NAVY

DEPARTMENT

1914

1914

Dominion Statistician:
 Chief - Mining, Metallurgical and Chemical Branch
 Statistician - Metal and Chemical Products:

Herbert Marshall, B.A., F.S.S.
 W. H. Losse, B.Sc.
 H. McLeod, B.Sc.

ANNUAL INDUSTRY REPORT

CHEMICALS AND ALLIED PRODUCTS GROUP

THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1944

Production by the manufacturing plants in Canada which were engaged chiefly in making patent and proprietary medicines, pharmaceuticals and similar commodities, was valued at \$55,639,581 at factory prices in 1944 compared with \$50,772,686 in 1943 and \$41,983,247 in 1942.

Of the 202 factories in this group in 1944, 103 were located in Ontario, 83 in Quebec, 7 in Manitoba, 2 in British Columbia, 1 in Nova Scotia, 3 in Alberta, 2 in Saskatchewan, and 1 in New Brunswick. The average number of employees in 1944 was 7,600 compared with 7,187 in the previous year, and payments in salaries and wages totalled \$11,768,012 as against \$10,012,562 in 1943. Plants in Ontario produced 53 per cent of the Canadian output and concerns in Quebec accounted for 43 per cent.

The concerns in this industry make medicinals and pharmaceuticals as their main products but they also manufacture other lines, such as toilet preparations, as a secondary part of their business. On the other hand, some companies which have been classified to other industrial groups make some medicinal preparations as minor products. The total Canadian output of medicinals, pharmaceuticals and biologicals from all industries amounted in value to \$43,359,452 in 1944 compared with \$39,250,072 in 1943 and \$33,199,537 in 1942.

Table 1 - PRINCIPAL STATISTICS, 1934-1944

Year	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1934	180	3,506	4,036,409	148,760	6,587,569	19,484,094
1935	166	3,664	4,500,252	157,102	7,009,191	21,292,751
1936	169	3,857	4,797,458	169,633	7,384,370	22,251,550
1937	174	4,296	5,311,120	175,551	8,808,929	24,814,647
1938	171	4,270	5,690,826	192,377	8,566,007	24,536,474
1939	174	4,388	5,906,891	189,899	9,804,525	27,184,262
1940	167	4,550	6,293,759	211,115	10,896,929	29,571,468
1941	169	5,026	6,921,081	243,072	13,486,811	35,471,898
1942	200	5,560	8,000,240	290,102	16,308,496	41,983,247
1943	205	7,187	10,012,562	352,555	18,997,079	50,772,686
1944	202	7,600	11,768,012	369,542	22,535,718	55,639,581
Per cent change 1944 from 1943	...	+ 5.7	+17.5	+ 4.9	+ 18.6	+9.6

NOTE: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1943 and 1944

Year	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
<u>1943</u>						
Quebec	84	2,852	4,319,426	185,319	8,199,686	20,531,611
Ontario	103	4,129	5,458,969	156,475	10,150,892	28,580,763
Manitoba	7	153	183,476	9,127	575,724	1,355,356
Alberta	4	7	6,199	293	9,955	20,092
British Columbia ..	3	31	31,313	436	16,317	110,380
Nova Scotia 1)	1)					
New Brunswick 1)	1)	15	13,179	905	44,505	174,484
Saskatchewan 2)	2)					
CANADA ...	205	7,187	10,012,562	352,553	18,997,079	50,772,686
<u>1944</u>						
Quebec	83	3,217	5,094,157	205,086	10,895,931	24,152,917
Ontario	103	4,154	6,390,670	152,366	10,951,213	29,707,749
Manitoba	7	184	236,217	10,379	615,870	1,473,600
Alberta	3	5	5,672	286	6,558	16,211
British Columbia ..	2)					
Nova Scotia 1)	1)					
New Brunswick 1)	1)	40	41,296	1,425	66,146	289,104
Saskatchewan 2)	2)					
CANADA	202	7,600	11,768,012	369,542	22,535,718	55,639,581

Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1943 and 1944

Province	Average Number of Employees				TOTAL	Salaries	Wages	TOTAL SALARIES and WAGES
	On Salaries		On Wages					
	Male	Female	Male	Female				
<u>1943</u>								
Quebec	681	502	733	936	2,852	2,452,941	1,866,485	4,319,426
Ontario	963	1,073	722	1,371	4,129	3,229,374	2,229,595	5,458,969
Manitoba	22	15	45	71	153	46,322	137,154	183,476
Alberta	4	1	1	1	7	5,497	702	6,199
Other provinces	4	3	11	28	46	10,109	34,383	44,492
CANADA	1,674	1,594	1,512	2,407	7,187	5,744,243	4,268,319	10,012,562
<u>1944</u>								
Quebec	733	555	876	1,053	3,217	3,007,707	2,086,450	5,094,157
Ontario	678	631	996	1,849	4,154	3,110,041	3,280,629	6,390,670
Manitoba	15	26	56	87	184	72,147	164,070	236,217
Alberta	2	1	-	2	5	4,400	1,272	5,672
Other provinces	5	2	12	21	40	10,019	31,277	41,296
CANADA	1,433	1,215	1,940	3,012	7,600	6,204,314	5,563,698	11,768,012

Table 4 - WAGE-EARNERS, BY MONTHS, 1943 and 1944 (On the last work day of each month)

Month	1943			1944		
	Male	Female	TOTAL	Male	Female	TOTAL
January	1,415	2,101	3,516	1,799	2,874	4,673
February	1,429	2,153	3,582	1,813	2,970	4,783
March	1,472	2,250	3,722	1,839	2,973	4,812
April	1,457	2,317	3,774	1,843	2,947	4,790
May	1,468	2,371	3,839	1,835	2,911	4,746
June	1,495	2,417	3,912	1,886	2,915	4,803
July	1,525	2,410	3,935	1,907	2,903	4,810
August	1,555	2,572	4,127	1,973	3,050	5,023
September	1,550	2,536	4,086	2,020	3,050	5,070
October	1,541	2,559	4,100	2,089	3,197	5,286
November	1,591	2,623	4,214	2,091	3,237	5,328
December	1,586	2,560	4,146	2,077	3,060	5,137
AVERAGE	1,512	2,407	3,919	1,940	3,012	4,952

Table 5 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1943 and 1944 (During one week in month of highest employment; overtime included)

Hours worked per week	Number of Wage-Earners					
	1943			1944		
	Male	Female	TOTAL	Male	Female	TOTAL
30 hours or less	101	339	440	115	385	500
31-43 hours	297	939	1,236	471	1,333	1,804
44 hours	469	846	1,315	485	1,017	1,502
45-47 hours	216	433	649	332	521	853
48 hours	202	233	435	220	278	498
49-50 hours	83	68	151	116	60	176
51-54 hours	121	48	169	112	52	164
55 hours	28	...	28	18	9	27
56-64 hours	117	70	187	147	31	178
65 hours and over	95	11	106	106	7	113
TOTAL	1,729	2,987	4,716	2,122	3,693	5,815
Total wages paid in selected week	\$ 46,318	46,493	92,811	68,765	60,601	129,366

Table 6 - FUEL AND ELECTRICITY USED, 1943 and 1944

Kind	Unit of measure	1943		1944	
		Quantity	Cost at works	Quantity	Cost at works
Anthracite coal	ton	1,450	13,763	1,156	13,670
Bituminous coal - Canadian	ton	4,719	43,233	2,779	18,312
Imported	ton	17,325	153,181	18,121	171,402
Lignite coal	ton	40	363	23	123
Coke	ton	23	326	48	680
Gasoline	Imp.gal.	21,317	7,114	28,332	9,407
Kerosene	Imp.gal.	663	117	731	124
Fuel oil	Imp.gal.	8,300	903	252,855	17,163
Wood	cord	125	912	124	845
Gas - Manufactured	M cu.ft.	10,623	10,976	24,190	16,316
Natural	M cu.ft.	2,653	1,592	3,441	2,636
Other fuel .....	...	...	12,483	...	2,002
Electricity purchased	K.W.H.	5,880,729	107,592	6,485,634	116,862
TOTAL .....	...	...	352,555	...	369,542

Medicinals

Table 7 - POWER EQUIPMENT, 1943 and 1944

Kind	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
<u>1 9 4 3</u>				
Hydraulic turbines or water wheels	4	3	...	...
Steam engines and steam turbines	9	179	1	6
Gasoline, gas and oil engines	3	1	...	...
Total Primary Equipment	16	183	1	6
Electric motors operated by purchased power	2,554	5,609	73	195
TOTAL	2,570	5,792	74	201
Stationary boilers	51	3,976	11	1,145
Motor-generator sets	1	75	...	...
<u>1 9 4 4</u>				
Hydraulic turbines or water wheels	4	3	...	...
Steam engines and steam turbines	12	142	3	91
Gasoline, gas and oil engines	3	1	...	...
Total Primary Equipment	19	146	3	91
Electric motors operated by purchased power	2,760	5,839	122	295
TOTAL	2,779	5,985	125	386
Stationary power boilers	36	3,549	7	1,083
Motor-generator sets	1	75	1	75

Table 8 - MATERIALS USED IN MANUFACTURING, 1943 and 1944

Material	Unit of measure	1 9 4 3		1 9 4 4	
		Quantity	Cost at works	Quantity	Cost at works
Acetylsalicylic acid	lb.	337,359	183,685	406,428	226,851
Boric acid	lb.	195,560	16,814	287,701	23,951
Citric acid	lb.	316,231	123,997	359,818	131,897
Tartaric acid	lb.	745,708	714,738	861,925	843,894
Bismuth metal	lb.	56,019	70,107	45,412	56,820
Bismuth salts	lb.	22,080	43,786	22,936	44,781
Caffeine	lb.	11,705	59,755	11,721	59,886
Cod liver oil	Imp. gal.	92,916	280,085	75,735	262,815
Essential oils .....	...	...	303,245	...	355,014
Ethyl alcohol	Proof gal.	210,228	371,501	293,481	526,159
Glycerine, refined	lb.	517,154	102,209	1,079,822	183,063
Gums, including camphor	lb.	200,653	118,621	257,891	138,697
Iodine, crude	lb.	82,701	134,353	83,194	89,391
Mineral oil, white	lb.	1,176,265	131,779	1,434,188	168,060
Herbs, roots and other drugs	...	...	330,947	...	431,587
Magnesium sulphate	lb.	1,154,065	41,031	1,123,482	46,886
Menthol	lb.	18,485	104,701	17,441	129,097
Mercury metal	lb.	79,786	202,396	24,307	43,011
Nitric acid, 42°	lb.	210,664	16,233	174,861	14,107
Petrolatum	lb.	771,079	76,280	810,017	76,918
Phenol	lb.	16,459	3,994	29,823	5,163
Potassium iodide	lb.	13,176	24,167	10,079	18,344
Potassium sodium tartrate (Rochelle salt)	lb.	63,992	41,496	42,818	23,691
Silver bullion	Troy oz.	147,254	61,038	130,061	54,068
Sodium bicarbonate	lb.	1,557,295	49,331	1,676,863	50,900
Sodium hydroxide	lb.	406,606	14,453	123,759	7,922
Sodium salicylate	lb.	15,154	11,493	22,887	16,959
Sodium sulphate	lb.	75,280	4,142	57,748	5,230
Sulphur	lb.	119,271	4,608	128,845	5,716
Talc	lb.	1,310,893	39,210	1,656,383	52,520
Chalk - Ground	lb.	364,497	9,341	265,639	7,707
Precipitated	lb.	230,814	12,885	381,593	18,709

Medicinals

Table 8 - MATERIALS USED IN MANUFACTURING, 1943 and 1944 (continued)

Material	Unit of measure	1 9 4 3		1 9 4 4	
		Quantity	Cost at works	Quantity	Cost at works
Sugar	lb.	3,698,047	274,437	4,076,561	295,747
All other materials .....	...	...	10,027,540	...	12,740,288
Containers .....	...	...	4,992,681	...	5,379,869
TOTAL .....	...	...	18,997,079	...	22,535,718

Table 9 - PRODUCTS MADE, 1943 and 1944

Note: Data given in this table are for the Medicinal and Pharmaceutical Preparations Industry ONLY and represent only the production of the firms classified to this group. For the total Canadian output of medicinals see Table 11.

Product	Selling Value at the Works	
	1 9 4 3	1 9 4 4
Medicines and Pharmaceuticals -		
Standard (pharmacopoeial or defined in other standard works)	8,917,215	9,768,300
Specialties registered as patent medicines	10,801,136	8,904,764
Specialties sold with ingredients declared	13,050,601	14,074,334
Vitamins - single or combinations, either in ... capsule, tablet, pill or liquid form	4,562,249	7,083,658
Biological preparations (vaccines, serums, etc.)	1,395,311	3,005,597
Disinfectants	119,585	96,462
Insecticides	345,010	378,673
Flavouring extracts	370,200	422,107
Toilet preparations	3,768,006	3,645,312
All other products (x)	7,443,373	8,260,374
TOTAL	50,772,686	55,639,581

(x) Includes absorbent gauze, sanitary towels, packaged goods, etc.

Table 10 - PRODUCTION(x), IMPORTS AND EXPORTS OF MEDICINALS AND PHARMACEUTICALS IN CANADA, 1934-1944

Year	Production	Imports	Exports
	(selling value at factory)		
1934	14,316,005	2,600,496	796,787
1935	15,360,980	2,824,034	738,026
1936	16,223,419	3,207,300	1,278,440
1937	17,547,432	3,510,064	1,443,231
1938	17,447,328	3,378,899	1,566,422
1939	19,191,562	3,991,883	1,499,593
1940	21,118,552	4,337,292	1,312,958
1941	28,103,936	5,025,881	1,807,069
1942	33,199,537	5,524,286	2,606,591
1943	39,250,072	7,313,676	3,120,523
1944	43,359,452	7,644,786	4,255,536

(x) Production figures represent the total Canadian production, including some medicinals made in other industries.

1944 figures are subject to revision.

Table 11 - IMPORTS INTO CANADA AND EXPORTS OF MEDICINAL AND PHARMACEUTICAL PREPARATIONS, 1943 and 1944

		1 9 4 3		1 9 4 4	
		Quantity	Value	Quantity	Value
(a) Imports					
Caffeine and salts of	lb.	1,915	6,438	2,010	8,085
Cocaine	oz.	2,577	21,350	1,367	7,886
Codeine and salts of	oz.	9,606	56,808	40,970	258,591
Morphine	oz.	7,086	48,244	9,517	67,606
Opium	lb.	509	4,770	66	1,250
Quinine, salts of	oz.	24	7	...	...
Strychnine and salts of	oz.	31,246	27,583	38,342	31,860
Nicotine; salts of nicotine; preparations containing nicotine in a free or combined state, for dipping, spraying or fumigating, n.o.p.	lb.	281,004	231,344	206,707	157,990
Chloropicrin, ethylene oxide, methyl bromide, methyl formate, cyanides, carbon bisulphide, or mixtures containing any of these, for combating destructive insects and pests .....	...	...	57,927	...	113,023
Preparations or chemicals, non-alcoholic, such as are used for disinfecting, dipping, spraying or fumigating, when packages not exceeding three pounds each, in weight .....	...	...	79,727	...	109,232
Preparations or chemicals, non-alcoholic, for disinfecting, dipping, spraying or fumigating, n.o.p., and materials, n.o.p., for manufacturing the same .....	...	...	1,507,065	...	1,261,484
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, dry .....	...	...	4,005,273	...	3,873,815
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, liquid, when containing not more than 2½% of proof spirit .....	...	...	923,723	...	1,133,503
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, all other .....	...	...	66,379	...	114,187
Medicinal or medicated wines, containing not more than 40% of proof spirit .....	...	...	11	...	...
Menthol, natural or synthetic .....	...	...	146,285	...	380,203
Papaine .....	...	...	10,145	...	23,649
Spirits and strong waters of any kind, mixed with any ingredient or ingredients, and being known or designated as anodynes, elixirs, tinctures or medicines, n.o.p.	gal.	6,409	93,834	7,309	75,201
Non-alcoholic extract of cascara sagrada .....	...	...	36,763	...	27,221
Total Imports .....	...	...	7,323,676	...	7,644,786
(b) Exports					
Medicinal and proprietary preparations ..	...	...	3,120,523	...	4,255,536

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1944

Name of Firm	Location of Plant
<u>NOVA SCOTIA -</u>	
Minards Liniment Co. Ltd.	7 Jenkins St., Yarmouth
<u>NEW BRUNSWICK -</u>	
Baird Co. Ltd., The	66 King St., Woodstock
<u>QUEBEC -</u>	
Abbott Laboratories Ltd.	20 Bates Rd., Outremont
Abbey Effervescent Salt Co., The	2715 Reading St., Montreal
Arex Co. (Reg'd.), The	253 Wolfe St., Lauzon
Ayerst, McKenna & Harrison, Limited	781 William St., Montreal
Bliss, Alonzo O., Medical Company	434 St. Helen St., Montreal
Bristol-Myers Co. of Canada Ltd.	3035 St. Antoine St., Montreal
Burroughs, Wellcome & Co.	Riverview Ave., Ville La Salle
Brunet, W., & Compagnie, Limitée	70 de la Chapelle, Quebec
Canada Drug Co. (Reg'd.)	857 St. Maurice St., Montreal
Carnrick, G. W., Co. Ltd.	286 St. Paul St. W., Montreal
Chesebrough Mfg. Co. Consolidated	5520 Chabot Ave., Montreal
Ciba Co., Ltd.	1235 McGill College Ave., Montreal
Cie des Produits Biologiques Europa Ltd.	934 St. Catherine St. W., Montreal
Cie des Produits Homah	805 Rachel St. E., Montreal
Cie Onguent Eskimo	Mansonville
Cie Paula Ltée	21 St. Paul St. E., Montreal
Cie So Rex Ltée, La	855 Chemin St. Foye, Quebec
Compagnie J. L. Mathieu	14 Albert St., Sherbrooke
Compagnie Pharmaceutique Rameau, Ltée	350 Le Moyne St., Montreal
Corporation Pharmaceutique Française, Ltée	533 Bonsecours St., Montreal
Dairy Association Co.	Rock Island
Daniels, Dr. A. C. Co. of Canada, Limited	Victoria Ave., Knowlton
Davis & Lawrence Company	1910 St. Antoine St., Montreal
Denver Chemical Manufacturing Company	153 Lagauchetière St. W., Montreal
Desautels Laboratories Limited	1180 Benoit St., Montreal
Desbergers Bismol Laboratories	388 St. Paul St. W., Montreal
Dominion Packaging Limited	1206 Aldred Bldg., Montreal
Fellows Medical Manufacturing Co. Ltd.	286 St. Paul St. W., Montreal
Fortin, Charles	Robertsonville'
Frasier Thornton Co. Limited	Cookshire
Frosst, Charles E., & Co.	3571 St. Antoine St. W., Westmount
Gauvin, J. A. E.	1405 Maisonneuve St., Montreal
Hanford, G. C. Mfg., Co. Ltd.	215 St. Paul St. W., Montreal
Harris, J. A., Limited	4510 De la Roche St., Montreal
Herbo Remedies Enrg.	3718 St. Denis St., Montreal
Hervay Remedies Limited	St. Basile
Hoffman Laroche Limited	286 St. Paul St. W., Montreal
Horner, Frank W., Limited	950 St. Urbain St., Montreal
Johnson & Johnson Limited	2155 Pius IX Blvd., Montreal
Kress & Owen Company of Canada Limited	286 St. Paul St. W., Montreal
Laboratoire Moderne Ltée, Le	419 Notre Dame E., Montreal
Laboratoire Montphar	2420 Notre Dame St. E., Montreal
Lacerte, Dr. N., Enrg.	3 Cote du Passage, Lévis
Laboratoire Demers Enrg.	418 rue St. Jean, Quebec
Laboratoire Lancet	354 St. Catherine St. E., Montreal
Laboratoire Sylphide	4284 Delorimier Ave., Montreal
Laboratoire Veterinaire Lorrain	2251 Delorimier Ave., Montreal
Laboratoire Vincent Inc.	5901 rue Papineau, Montreal
Lacroix, F. X.	38 rue d'Argençon, Quebec
Les Remedes Faguet Incorpore'	11 rue Frontenac, Sherbrooke
Lalonde, Henri, Ltée	416 Notre Dame St. E., Montreal

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1944 (continued)

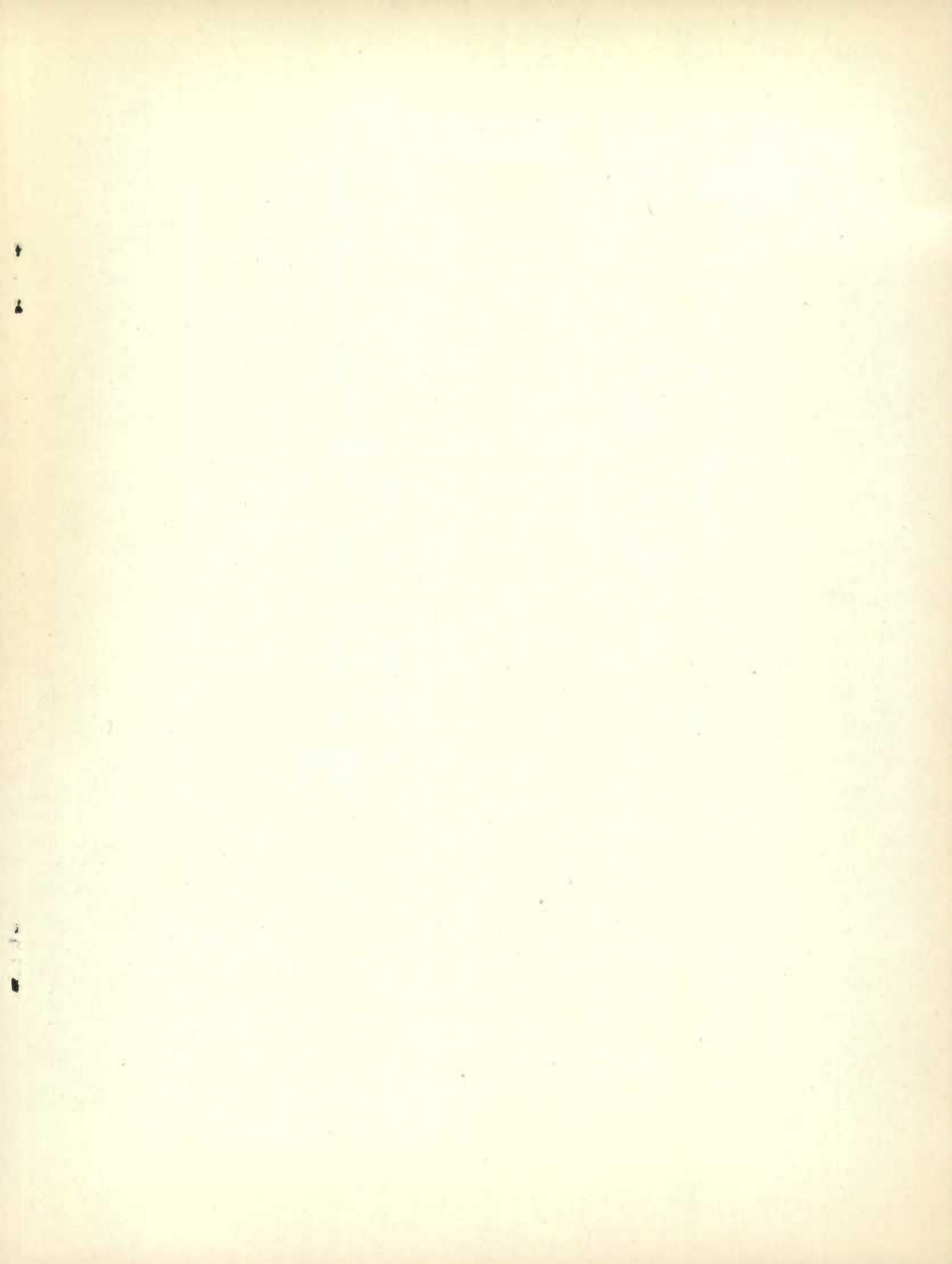
Name of Firm	Location of Plant
<u>QUEBEC (con.) -</u>	
Laboratoire Nadeau Limitée	100 St. Paul St. W., Montreal
Laboratoires St. Hubert Ltée	2417 Est Ave., Mont-Royal, Montreal
Laboratoire Pasteur Ltée	355 Place Royale, Montreal
Laboratoires Poulenc Frères du Canada, Ltée	204 Place Youville, Montreal
Lambert, Dr. J. O., Limitée	2234 St. Antoine St., Montreal
Laurentian Laboratoires Limited	442 St. Gabriel St., Montreal
Leaming Miles Company Limited, The	504 St. Lawrence Blvd., Montreal
Mallinckrodt Chemical Works Ltd.	425 St. Patrick St., LaSalle
Marois Laboratoire	5669 Denormandie, Montreal
Menley & James Ltd. of Canada	420 Lagauchetière St. W., Montreal
Merck & Co. Limited	560 De Courcelles St., Montreal
Mothersill Remedy Company Limited	286 St. Paul St. W., Montreal
Mowatt & Moore Limited	64 Prince St., Montreal
Pertussin Limited	250 St. Zotique St. W., Montreal
Pharmec Company Limited	108 St. Paul St. W., Montreal
Polson, N. C. & Co. Ltd.	651 Notre Dame St. W., Montreal
Produits Gardo Ltée	rue Principale, Waterloo
Produits France Canada Ltd.	105 St. Paul St. W., Montreal
Produits Veterinaires Nicolle Ltd.	91 St. Christophe Matane
Produits Nec-Tar-Ra Enrg.	74 Alexander St., Sherbrooke
Produits Populex	4522 de la Roche, Montreal
Pratte, Arthur N.	1165 Bernadette St., Montreal
Produits Pharmaceutiques Sylvain Ltée	406 Notre Dame St. E., Montreal
Rawleigh, W. T. Company Ltd., The	4005 Richelieu St., St. Henri, Montreal
Rougier Frères Cie Inc.	350 Le Moyne St., Montreal
Sarazin & Choquette Inc.	381 Notre Dame St. W., Montreal
St. Germain, Les Medicaments	5129 St. Denis St., Montreal
Thall's Home Remedies	130B King St. W., Sherbrooke
Topper Pharmacal Co.	5251 Sherbrooke St. W., Montreal
Usines Chimiques du Canada Inc.	1338 Lagauchetière St. E., Montreal
Watkins, J. R., Company, The	2195 Masson St., Montreal
Wingate Chemical Company Limited, The	378 St. Paul St. W., Montreal
<u>ONTARIO -</u>	
Accurate Laboratories	186½ King St., London
Allen & Hanbury's Company Limited, The	65 King St., Lindsay
Alvinorr Products Limited	60 Main St., Galt
Anglo-Canadian Drug Co., Ltd.	99 Simcoe St. S., Oshawa
Arner Company Ltd., The	Niagara, Lewis and Bridge Sts., Fort Erie North
Australian Eucalyptus Limited	222 Front St., Toronto
Baxter Laboratories of Canada Limited	Willow St., Acton
Bell, Dr., Wonder Medicines Co.	rear 108 Clarence St., Kingston
Brandon Company, The	68 King St. E., Toronto
British Drug Houses (Canada) Ltd.	517 Terminal Bldg., Toronto
Bromo-Seltzer Limited	1266 Queen St. W., Toronto
Buckley, W. K., Limited	559 College St., Toronto
Canada Pharmacal Company Limited, The	447 Talbot St., London
Canada Representatives Ltd.	193-195 Spadina Ave., Toronto
Canadian Botanic Gardens	934 Colborne St., Toronto
Canadian Tampax Corporation Ltd.	533 College St., Toronto
Carter Drug Company	16 Claude Ave., Toronto
Caulk, L. D., Co. of Canada, Ltd., The	172 John St., Toronto
Chalid, Ottway	514 Danforth Ave., Toronto
Comstock, W. H. Co. Ltd.	11 Courthouse Ave., Brockville
Connaught Laboratories	University of Toronto
Cooke-Waite Laboratories Inc.	32 Queen St. E., Fort Erie
Cressy, John R., Company	1536 Dundas St. W., Toronto
D. D. D. Co. of Canada, Limited	36 Caledonia Road, Toronto
Druggists' Corporation, Limited	6 Ontario St., Toronto

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1944 (continued)

Name of Firm	Location of Plant
ONTARIO -	
Eaton, T., Drug Co. Ltd., The	190 Yonge St., Toronto
Edmanson Bates & Company Limited	Colborne St., Oakville
Eno, J. C. (Canada) Limited	296 Richmond St. W., Toronto
Fasteeth Limited	Fort Erie North
Fine Chemicals of Canada Ltd.	587 Fleet St. W., Toronto
Fleming Brothers Limited	424 Wellington St. W., Toronto
Foster Dack Company Limited	337 King St. W., Toronto
Fulford, E. E., Ltd.	310 Dupont St., Toronto
Galt Chemical Products Limited	Corner Beverly and Kerr Sts., Galt
Gelatin Products Limited	258 Chilver Road, Windsor
Gray Remedy Co.	550 Church St., Toronto
Hartz, J. F., Co. Limited, The	32 Grenville St., Toronto
Harper, Philip, Co.	126 Wellington St. W., Toronto
Health and Happiness Co.	170½ Danforth Ave., Toronto
Herbatol Remedies	Box 41, Dundas
Hess and Clark Limited	659 Adelaide St., London
Howard, A. H., Chemical Co. Ltd.	4221 Dundas St. W., Toronto
Ingram & Bell Limited	256 McCaul St., Toronto
Jamieson, C. E., & Co., Ltd.	414 Sandwich W., Windsor
Kendall Company (Canada) Limited, The	Commercial St., Leaside
Kitchener Tonsillitis Co.	52 Irwin St., Kitchener
Koegler Laboratories	22 McDougall Ave., Waterloo
Lavoris Chemical Co. Limited	92 Jarvis St., Toronto
Lentheric of Canada, Limited	36 Caledonia Road, Toronto
Lewis-Howe Company	2595 Sandwich St. E., Windsor
Lincoln Biochemic Laboratories Limited	243 College St., Toronto
Lograsso, P.	464 Winona Drive, Toronto
Luscoe Medical Company	559 Bathurst St. W., Toronto
MacDonald Medicine Co.	937 King St. E., Hamilton
Maltby Bros. Sales Agency	5 Boon Ave., Toronto
Mason Remedies Limited	10-18 McCaul St., Toronto
Moore-Thompson Company	422 Wellington St. W., Toronto
Mentholatum Company, The	20 Lewis St., Fort Erie North
Milburn, T., Company Limited, The	643 King St. W., Toronto
Miles Laboratories Ltd.	1010 Dufferin St., Toronto
Mulveny's, R. L., Remedies Ltd.	199 Ossington Ave., Toronto
Musterole Company of Canada Limited	34 St. Patrick St., Toronto
Nicholson Laboratories	181 College St., Toronto
Noble, Wilfred G.	107 Richmond St. E., Toronto
Norco Chemical Co.	67 Carlton St., Toronto
Northrop & Lyman Co. Limited	462-66 Wellington St. W., Toronto
Novocol Chemical Mfg. Co. of Canada, Ltd.	11-13 Grenville St., Toronto
Noxzema Chemical Co. of Canada, Limited, The	92 Jarvis St., Toronto
Ortho Products of Canada Ltd.	296 Jane St., Toronto
Parke, Davis & Company Ltd.	Sandwich St., Walkerville
Penslar Co. Limited, The	325 Devonshire Road, Walkerville
Pinex Company, The	424 Wellington St. W., Toronto
Pinkham, Lydia E., Medicine Company	University Ave., Cobourg
Powell, H., Chemical Company Limited, The	38 Dundas St. E., Toronto
Procol Manufacturing Company Limited	143 College St. W., Toronto
Roberts Biological Laboratory	331 Bartlett Ave., Toronto
Rolls & Darlington Limited	119 Pearl St., Toronto
Rundle, Geo. H., & Son Co. Ltd., The	Pitt St. and Dougal Ave., Windsor
Saunders, W. E., Limited	186 King St., London
Serva Mfg. Co.	Richmond Hill
Shuttleworth, E. B., Chemical Co. Ltd., The	525 Logan Ave., Toronto
Sharpe & Dohme (Canada) Ltd.	865 Bay St., Toronto
Siroil Laboratories of Canada Ltd.	152 Pitt St. W., Windsor

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1944 (continued)

Name of Firm	Location of Plant
<u>ONTARIO (con.) -</u>	
Smallwood Pharmaceuticals, Limited	Orangeville
Squibb, E. R., & Sons of Canada, Limited	36 Caledonia Road, Toronto
Stafford-Miller (of Canada) Ltd.	172 John St., Toronto
Stearns, Frederick, & Co. of Canada, Limited	443 Sandwich St. W., Windsor
Sterling Products Limited	1019 Elliott St. W., Windsor
Stevens, J., & Son, Co. Ltd.	145 Wellington St. W., Toronto
Sutcliffe & Bingham of Canada, Limited	1 Niagara St., Toronto
Synthetic Drug Company Ltd.	243 College St., Toronto
Templetons Limited	56 Colborne St., Toronto
Toronto Pharmacal Co. Ltd., The	14-20 Brockton Ave., Toronto
Troy Chemical Co. Inc.	517 Crawford St., Toronto
United Drug Company Limited	68 Broadview Ave., Toronto
Wampole, Henry K., Company Limited	Perth
Warner, Wm. R., & Co., Limited	727 King St. W., Toronto
West, Ernest P.	41 Duchess St., Toronto
Whitex Surgical Supply Co.	93 $\frac{1}{2}$ Church St., Toronto
Williams Drug Sundries Limited	74 Wellington St. W., Toronto
Will, Charles R., & Company Ltd.	571 Richmond St. N., London
Wood, W. Lloyd, Ltd.	64 Gerrard St. E., Toronto
Wyeth, John & Brother (Canada) Limited	2109 Ottawa St., Walkerville
<u>MANITOBA -</u>	
Eaton, T., Co. Limited, The	Winnipeg
Fahrney, Dr. Peter, & Sons Co.	256 Stanley St., Winnipeg
Kleerex Mfg. Co.	263 Kennedy St., Winnipeg
National Drugs Limited	576 McDermot St., Winnipeg
Rawleigh, W. T., Company Limited, The	589 Henry Ave., Winnipeg
Watkins, J. R., Company, The	Annabella and E. Higgins Sts., Winnipeg
White, Dr., Medicine Company	1380 Notre Dame Ave., Winnipeg
<u>SASKATCHEWAN -</u>	
Herb Medical Remedies	214 .. 22nd St. W., Saskatoon
Wieler's Laboratories	332 .. 2nd Ave. S., Saskatoon
<u>ALBERTA -</u>	
Harris, George, & Son	507 .. 24th Ave. W., Calgary
Lion Laboratories	1215A 9th Ave. E., Calgary
McIntyre, John C.	10061 .. 101st St., Edmonton
<u>BRITISH COLUMBIA -</u>	
Bishop, David	1498 Pender St. W., Vancouver
Western Wholesale Drug Ltd.	456 Broadway W., Vancouver



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