

Published by Authority of the HON. W. D. EULER, M.P.,
Minister of Trade and Commerce

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

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ANNUAL INDUSTRY REPORT - CHEMICALS AND ALLIED PRODUCTS GROUP

THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1938

Production by the manufacturing plants in Canada which were engaged chiefly in making patent and proprietary medicines, pharmaceuticals and similar commodities was valued at \$24,536,474 at factory prices in 1938 compared with \$24,814,647 in 1937 and \$22,251,550 in 1936.

Of the 171 factories in this group in 1938, 91 were located in Ontario, 66 in Quebec, 7 in Manitoba, 3 in British Columbia, 1 in Nova Scotia, 2 in Alberta and 1 in New Brunswick. The capital employed in manufacturing was reported at \$23,508,341, of which \$7,958,085 was the value of land, buildings and equipment, \$6,692,302 was the value of inventories and \$8,857,954 was cash and other operating capital. The average number of employees in 1938 was 4,270 compared with 4,296 in the previous year and payments in salaries and wages totalled \$5,690,826 as against \$5,311,120 in 1937. Plants in Ontario produced 62 per cent of the Canadian output and concerns in Quebec accounted for 33 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 \$17,447,323 in 1938 compared with \$17,547,432 in 1937 and \$16,223,419 in 1936.

Imports into Canada of drugs, medicinals and pharmaceuticals during 1938 were valued at \$3,378,899 of which \$2,014,691 came from United States, and \$828,650 from the United Kingdom. In 1937 the value of imports was \$3,510,064. Exports were appraised at \$1,566,422 in 1938 and \$1,443,231 in 1937.

Table 1 - PRINCIPAL STATISTICS, 1929 - 1938

Years	No. of plants	Capital employed	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
		\$		\$	\$	\$	\$
1929	140	19,552,949	2,849	3,672,373	110,065	6,300,894	19,038,894
1930	144	18,843,192	2,833	3,663,307	108,160	5,563,031	17,768,806
1931	144	17,848,713	2,866	3,858,591	113,259	5,590,546	18,110,794
1932	151	18,379,601	2,959	3,933,778	114,203	5,595,117	17,573,979
1933	168	17,402,705	3,169	3,350,928	130,616	5,774,391	17,063,849
1934	180	20,041,129	3,506	4,306,409	148,760	6,587,569	19,484,094
1935	166	20,091,688	3,664	4,500,252	157,102	7,009,191	21,292,751
1936	169	20,760,912	3,857	4,797,458	169,633	7,384,370	22,251,550
1937	174	22,780,119	4,296	5,311,120	175,551	8,808,929	24,814,647
1938	171	23,508,341	4,270	5,690,826	192,377	8,566,007	24,536,474
Per cent change 1938 from 1937		/3.2	-0.6	/7.1	/9.5	-2.7	-1.1

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, 1937 and 1938

Years	No. of plants	Capital employed	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>1937</u>							
Quebec	66	8,298,977	1,429	1,819,918	75,229	2,515,725	8,112,533
Ontario	92	13,131,007	2,653	3,249,240	88,369	5,752,785	15,230,681
Manitoba	7	1,166,312	142	165,538	8,788	485,366	1,249,960
British Columbia	3	24,873	53	56,749	1,715	13,927	79,139
Saskatchewan ...	2)						
New Brunswick ..	1)						
Alberta	2)	248,950	19	19,675	1,450	41,126	142,334
Nova Scotia	1)						
CANADA	174	22,780,119	4,296	5,311,120	175,551	8,808,929	24,814,647
<u>1938</u>							
Quebec	66	8,918,040	1,503	2,021,163	85,038	2,578,149	8,151,096
Ontario	91	13,193,756	2,578	3,461,185	96,987	5,512,743	15,093,340
Manitoba	7	1,123,091	134	150,148	7,522	426,465	1,097,553
British Columbia	3	66,209	38	40,343	1,777	12,797	67,167
Nova Scotia	1)						
New Brunswick ..	1)	207,245	17	17,387	1,053	35,853	127,318
Alberta	2)						
CANADA	171	23,508,341	4,270	5,690,826	192,377	8,566,007	24,536,474

Table 3 - CAPITAL EMPLOYED, BY PROVINCES, 1937 and 1938

Provinces	Present value	Inventory value	Operating capital	TOTAL CAPITAL EMPLOYED
	of land, buildings, machinery and equipment	of materials on hand, finished products, stocks in process, fuel and miscsupplies	(cash, bills and accounts receiv- able, prepaid expenses, etc.)	
	\$	\$	\$	\$
<u>1937</u>				
Quebec	3,143,114	2,342,999	2,722,864	8,208,977
Ontario	4,095,971	4,207,524	4,827,512	13,131,007
Manitoba	448,437	516,814	201,061	1,166,312
British Columbia	21,560	1,911	1,402	24,873
Other provinces.	84,677	85,081	79,192	248,950
CANADA	7,793,759	7,154,329	7,832,031	22,780,119
<u>1938</u>				
Quebec	3,238,728	2,465,497	3,213,815	8,918,040
Ontario	4,182,483	3,715,104	5,296,169	13,193,756
Manitoba	446,168	394,088	282,835	1,123,091
British Columbia	33,965	30,593	1,651	66,209
Other provinces.	56,741	87,020	63,484	207,245
CANADA	7,958,085	6,692,302	8,857,954	23,508,341

Table 4 - ESTABLISHMENTS GROUPED ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES AND CAPITAL EMPLOYED, 1938

	Number of plants	Capital employed \$	Number of employees	Selling value of products at works \$
<u>(a) PRODUCTION</u>				
Under \$5,000	26	159,365	47	76,916
\$5,000 - \$10,000	12	96,227	37	106,363
\$10,001 - \$25,000	28	752,427	180	475,655
\$25,001 - \$50,000	21	834,745	214	844,869
\$50,001 - \$100,000	35	2,271,770	532	2,624,399
\$100,001 - \$250,000	28	5,825,026	967	5,505,192
\$250,001 - \$500,000	11	4,619,729	665	4,069,372
\$500,001 - \$1,000,000	6	4,552,024	823	4,755,565
Over \$1,000,000	4	4,397,028	805	6,078,143
TOTAL	171	23,508,341	4,270	24,536,474
<u>(b) EMPLOYEES</u>				
1 or 2	30	880,926	48	1,229,541
3 - 10	58	1,833,504	318	2,074,527
11 - 20	34	3,014,496	531	2,710,303
21 - 50	30	5,919,634	965	5,103,337
51 - 100	9	4,290,843	675	3,947,676
Over 100	10	7,568,938	1,733	9,471,090
TOTAL	171	23,508,341	4,270	24,536,474
<u>(c) CAPITAL</u>				
Under \$25,000	67	698,273	269	1,212,753
\$25,000 - \$100,000	59	3,168,476	871	3,931,296
\$100,001 - \$500,000	32	9,082,574	1,399	8,227,112
\$500,000 - \$1,000,000	9	5,583,859	1,005	6,125,825
Over \$1,000,000	4	4,975,159	726	5,039,488
TOTAL	171	23,508,341	4,270	24,536,474

Table 5 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1937 and 1938

Provinces	AVERAGE NUMBER OF EMPLOYEES					Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
						\$	\$	\$
1 9 3 7								
Quebec	392	176	414	447	1,429	1,118,026	701,892	1,819,918
Ontario	718	462	643	830	2,653	1,986,589	1,262,651	3,249,240
Manitoba	19	17	53	53	142	61,717	103,821	165,538
British Columbia	3	4	20	26	53	14,249	42,500	56,749
Other provinces.	3	1	6	9	19	8,500	11,175	19,675
CANADA	1,135	660	1,136	1,365	4,296	3,189,081	2,122,039	5,311,120
1 9 3 8								
Quebec	434	190	441	438	1,503	1,312,187	708,976	2,021,163
Ontario	782	421	596	779	2,578	2,264,213	1,196,972	3,461,185
Manitoba	18	19	47	50	134	61,795	88,353	150,148
British Columbia	4	4	13	17	38	8,221	32,722	40,943
Other provinces.	3	1	6	7	17	7,467	9,920	17,387
CANADA	1,241	635	1,103	1,291	4,270	3,653,883	2,036,943	5,690,826

Table 6 - WAGE-EARNERS, BY MONTHS, 1937 and 1938

Months	1 9 3 7			1 9 3 8		
	Male	Female	TOTAL	Male	Female	TOTAL
January	1,091	1,275	2,366	1,111	1,310	2,421
February	1,105	1,329	2,434	1,118	1,326	2,444
March	1,115	1,350	2,465	1,098	1,349	2,447
April	1,131	1,363	2,494	1,084	1,282	2,366
May	1,140	1,358	2,498	1,064	1,251	2,315
June	1,137	1,327	2,464	1,071	1,227	2,298
July	1,139	1,334	2,473	1,066	1,219	2,285
August	1,141	1,389	2,530	1,082	1,273	2,355
September	1,162	1,452	2,614	1,116	1,341	2,457
October	1,189	1,467	2,656	1,150	1,379	2,529
November	1,173	1,442	2,615	1,111	1,304	2,415
December	1,124	1,298	2,422	1,097	1,176	2,273
AVERAGE	1,136	1,365	2,501	1,103	1,291	2,394

Table 7 - FUEL AND ELECTRICITY USED, 1937 and 1938

Kinds	Unit of measure	1 9 3 7		1 9 3 8	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Anthracite coal	short ton	968	8,121	1,091	9,375
Bituminous coal - Canadian	short ton	4,127	25,335	4,417	26,139
Imported	short ton	7,737	47,747	7,392	49,469
Coke	short ton	27	304	9	100
Gasoline	Imp.gal.	476	111	928	269
Kerosene	Imp.gal.	441	90	618	118
Fuel oil	Imp.gal.	255,930	15,398	255,121	14,694
Wood	cord	176	874	188	716
Gas - Manufactured	M cu. ft.	8,031	7,028	8,286	7,193
Natural	M cu. ft.	2,047	1,580	2,098	1,225
Other fuel	xxx	...	347	...	2,444
Electricity purchased	K. W. H.	3,715,118	68,616	4,050,869	80,635
TOTAL	xxx	...	175,551	...	192,377

Table 8 - REGULAR HOURS WORKED PER WEEK BY WAGE-EARNERS (OVERTIME NOT INCLUDED), 1938

Regular hours worked per week	Percentage of wage-earners	Regular hours worked per week	Percentage of wage-earners
30 hours or less ...	1.6	49 - 50 hours	4.6
31 - 43 hours	24.4	51 - 54 hours	0.9
44 hours	29.9	55 hours	0.1
45 - 47 hours	28.7	56 - 64 hours	0.6
48 hours	8.8	65 hours and over ...	0.4

Table 9 - POWER EQUIPMENT, 1937 and 1938

Kinds	1 9 3 7		1 9 3 8	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Hydraulic turbines, or water wheels .....	...	...	...	...
Steam engines and steam turbines	7	149	6	136
Gasoline, gas and oil engines ..	...	...	6	1
Total Primary Equipment	7	149	12	137
Electric motors operated by purchased power	1,586	3,945	1,681	4,190
TOTAL	1,593	4,094	1,693	4,327
Stationary boilers	51	3,455	50	3,823

Table 10 - POWER EQUIPMENT SHOWING 'ORDINARILY IN USE' SEPARATELY FROM 'IN RESERVE OR IDLE', 1938

Kinds	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Hydraulic turbines, or water wheels .....	...	...	...	...
Steam engines and steam turbines	6	136	...	...
Gasoline, gas and oil engines...	6	1	...	...
Total Primary Equipment	12	137	...	...
Electric motors run by purchased power	1,661	4,131	20	59
TOTAL	1,673	4,268	20	59
Stationary boilers	48	3,293	2	530

Table 11 - MATERIALS USED IN MANUFACTURING, 1937 and 1938

Materials	Unit of measure	1 9 3 7		1 9 3 8	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Acetylsalicylic acid	lb.	203,652	125,532	255,103	127,481
Boric acid	lb.	165,136	12,649	157,149	12,117
Citric acid	lb.	220,826	55,407	198,065	48,871
Tartaric acid	lb.	563,325	122,739	507,120	119,166
Bismuth metal	lb.	27,089	24,231	26,643	23,951
Bismuth salts	lb.	12,306	19,702	12,779	19,107
Caffeine	lb.	8,354	13,931	5,482	10,810
Cod liver oil	lb.	790,710	103,097	707,527	83,600
Essential oils	xxx	...	92,534	...	84,681
Ethyl alcohol	proof gal.	178,024	346,099	162,338	297,822
Glycerine, refined	lb.	694,078	132,007	624,668	106,414
Gums, including camphor	xxx	...	47,770	...	40,873
Idoine, crude	lb.	78,069	67,553	83,654	83,102
Mineral oil, white	lb.	...	...	662,930	71,972

Table 11 - MATERIALS USED IN MANUFACTURING, 1937 and 1938 (Concluded)

Materials	Unit of measure	1937		1938	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Herbs, roots and other drugs	xxx	...	220,846	...	192,203
Magnesium sulphate	lb.	919,825	23,881	855,547	23,687
Menthol	lb.	9,650	26,819	8,661	24,401
Mercury metal	lb.	44,574	41,399	12,666	10,249
Nitric acid, 42°	lb.	92,603	7,225	35,428	3,011
Petrolatum	lb.	902,058	89,563	508,428	44,824
Phenol	lb.	12,579	3,565	11,300	3,072
Potassium iodide	lb.	6,413	8,882	5,584	7,264
Potassium sodium tartrate (Rochelle salt)	lb.	127,853	20,112	100,140	15,079
Silver bullion	Troy oz.	45,296	20,699	45,283	20,241
Sodium bicarbonate	lb.	1,078,882	32,124	1,130,431	48,756
Sodium hydroxide	lb.	142,863	5,304	146,788	5,457
Sodium salicylate	lb.	9,568	3,756	8,349	2,648
Sodium sulphate	lb.	57,836	2,234	41,240	1,593
Sugar	lb.	2,810,565	150,043	2,789,280	140,651
All other materials	xxx	...	4,258,575	...	4,031,759
Containers	xxx	...	2,730,651	...	2,861,145
TOTAL	xxx	...	8,808,929	...	8,566,007

Table 12 - PRODUCTS MADE, 1937 and 1938

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 (see directory). The figures for the individual items do not necessarily represent the total output in Canada as these articles may have been produced by concerns which have been classified to other industrial groups. For the total Canadian output see Tables 13 and 14.

Products	Selling value at the works	
	1937	1938
	\$	\$
Medicines and Pharmaceuticals:		
Standard (pharmacopoeial or defined in other standard works)	3,061,554	3,381,979
Specialties registered as patent medicines	5,886,154	5,123,185
Specialties sold with ingredients declared	7,622,351	7,569,081
Biological preparations (vaccines, serums, etc.)	527,418	714,008
Disinfectants	58,732	60,263
Insecticides	200,698	200,984
Flavouring extracts	380,410	297,999
Toilet preparations -		
Alcoholic - not less than 5 per cent alcohol -		
Perfumes	84,392	53,404
Toilet waters and lotions, other	233,447	225,092
Cologne water, Florida water, Bay rum and all toilet waters or lotions sold to barber trade	38,562	37,835
Non-alcoholic -		
Creams, solid and liquid, of all kinds	219,924	195,157
Brilliantine	31,539	24,728
Face powders	157,943	100,592
Talcum powders	199,527	204,699

Table 12 - PRODUCTS MADE, 1937 and 1938 (Concluded)

Products	Selling value at the works	
	1937	1938
	\$	\$
Toilet preparations - (Concluded)		
Non-alcoholic -		
Bath salts	10,285	7,757
Compacts, (powders and rouges)	7,520	1,990
Lotions and toilet waters	14,237	11,892
Tooth pastes and tooth powders	357,705	333,001
All other toilet preparations	412,713	437,660
All other products (x)	5,309,536	5,549,168
TOTAL	24,814,647	24,536,474

(x) Includes absorbent gauze, sanitary towels, confectionery, packaged goods, dental supplies, surgical bandages, protective dressings, and other such articles.

Table 13 - PRODUCTION (x), IMPORTS AND EXPORTS OF MEDICINALS AND PHARMACEUTICALS IN CANADA, 1926 - 1938

Years	Production	Imports	Exports
	(Selling value at factory)		
	\$	\$	\$
1926	12,352,522	3,100,911	567,953
1927	12,875,433	2,907,266	487,904
1928	13,343,488	3,715,028	590,049
1929	14,858,505	2,730,193	808,981
1930	13,931,292	3,652,434	633,445
1931	13,610,975	3,309,071	372,969
1932	13,015,912	2,832,025	817,701
1933	13,912,045	2,588,168	634,155
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

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

Table 14 - TOTAL PRODUCTION OF TOILET PREPARATIONS IN CANADA, FROM ALL INDUSTRIES, BY PROVINCES, 1938

Products	Quebec	Ontario	Other Provinces	CANADA
	\$	\$	\$	\$
Alcoholic - not less than 5 per cent alcohol -				
Perfumes	206,236	262,045	10,386	478,667
Toilet waters and lotions	211,740	512,959	27,000	751,699
Cologne water, Florida water, Bay rum and all toilet waters and lotions sold to the barber trade	42,392	88,659	11,814	142,865
Non-alcoholic -				
Creams, solid or liquid, all kinds	271,807	725,171	57,219	1,054,197
Brilliantine, oily or liquid ...	19,136	70,925	8,047	98,108

Table 14 - TOTAL PRODUCTION OF TOILET PREPARATIONS IN CANADA, FROM ALL INDUSTRIES, BY PROVINCES, 1938 - (Concluded)

Products	Quebec	Ontario	Other Provinces	CANADA
	\$	\$	\$	\$
Non-alcoholic - Concluded				
Face powders	311,578	410,711	18,571	740,860
Talcum powders	260,396	234,661	7,235	502,292
Sachet powders	2,391	12,322	143	14,856
Lipsticks	97,243	156,950	...	254,193
Compacts (powders and rouges)..	62,440	224,683	10	287,133
Shampoo powders and liquids ...	40,017	167,618	17,089	224,724
Bath salts	12,448	108,549	5,347	126,344
Lotions and toilet waters, non-alcoholic	9,859	25,047	5,485	40,391
Manicure preparations	330,370	14,662	60	345,092
Wave set	9,231	45,345	616	55,192
Tooth pastes and tooth powders ..	339,814	1,147,045	28,310	1,515,169
All other toilet preparations ...	329,512	755,969	130,272	1,215,753
TOTAL	2,556,610	4,963,321	327,604	7,847,535

Table 15 - IMPORTS INTO CANADA OF DRUGS, MEDICINAL AND PHARMACEUTICAL PREPARATIONS, 1937 and 1938

	1937		1938	
	Quantity	Value	Quantity	Value
		\$		\$
Caffeine and salts of	lb. 217	411	151	365
Cocaine	oz. 2,596	18,218	1,305	9,213
Codeine and salts of	oz. 49,054	150,557	33,005	94,219
Morphine	oz. 6,387	25,152	4,834	20,841
Nicotine sulphate	lb. 182,825	107,654	110,375	75,342
Opium, crude	lb. 720	3,315	220	775
Opium, powdered	lb. 195	770	45	183
Quinine, salts of	oz. 127,894	70,439	93,402	51,357
Strychnine and salts of	oz. 98,969	44,792	34,625	11,943
Dipping and spraying preparations, non-alcoholic, in packages of not over three pounds	xx ...	66,467	...	59,520
Preparations or chemicals, non-alcoholic, for disinfecting, dipping or spraying, not elsewhere specified. xx	...	717,400	...	843,805
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, dry	xx ...	1,582,432	...	1,495,133
Caffeine, in a crude state, when imported by manufacturers for purification or further manufacture in their own factories	lb. 124,451	123,499	101,973	106,335
Mixtures containing cyanides for use in combatting destructive insects and pests	xx ...	34,053	...	28,794
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, liquid, when containing not more than 2½ per cent of proof spirits	xx ...	428,808	...	432,652

Table 15 - IMPORTS INTO CANADA OF DRUGS, MEDICINAL AND PHARMACEUTICAL PREPARATIONS, 1937 and 1938 - Concluded

	1937		1938	
	Quantity	Value \$	Quantity	Value \$
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, all other	xx	33,804	...	27,893
Medicinal or medicated wines, containing not more than 40 per cent of proof spirits	gal. 945	1,954	788	1,285
Menthol, natural or synthetic	xx	54,600	...	52,959
Papaine	xx	2,546	...	1,665
Quassia juice	xx	224	...	15
Spirits and strong waters of any kinds, mixed with any ingredient, or ingredients, and being known or designated as anodynes, elixirs, tinctures or medicines, n.o.p.	gal. 4,783	62,969	4,808	64,625
TOTAL IMPORTS	xx	3,510,064	...	3,378,899
From - United Kingdom	xx	808,595	...	828,650
United States	xx	2,014,094	...	2,014,691

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1938

Names of Firms

Location of Plants

NOVA SCOTIA -

Minard's Liniment Co. Ltd.

7 Jenkins St., Yarmouth

NEW BRUNSWICK -

Baird Co. Ltd., The

66 King St., Woodstock

QUEBEC -

Abbott Laboratories Ltd.
 Abbey Effervescent Salt Co., The
 Arex Co., The
 Ayerst, McKenna & Harrison, Ltd.
 Bell & Sons (Canada) Ltd.
 Bliss, Alonzo O., Medical Co., The
 Bristol-Myers Co. of Canada Ltd.
 Burroughs, Wellcome & Co.
 Brunet, W., & Cie, Ltee
 Canada Drug Co. (Reg'd.)
 Chesebrough Mfg. Co. Consolidated
 Ciba Co., Ltd.
 Cie, Onguent Eskimo
 Cie Paula Ltée
 Cie So Rex Ltée, La
 Compagnie J. L. Mathieu
 Compagnie Pharmaceutique Rameau, Ltée
 Corporation Pharmaceutique Francaise, Ltée
 Dairy Association Co.

388 St. Paul St. W., Montreal
 2715 Reading St., Montreal
 30 Wolfe St., Lauzon
 781 William St., Montreal
 3951 Lanouette St., Verdun
 136 St. Paul St. E., Montreal
 1239 Benoit St., Montreal
 Riverview Ave., Ville La Salle
 70 de la Chapelle, Quebec
 857 St. Maurice St., Montreal
 5520 Chabot Ave., Montreal
 759 Victoria Square, Montreal
 Mansonville
 21 St. Paul St. E., Montreal
 855 Chemin St. Foye, Quebec
 14 Albert St., Sherbrooke
 350 Le Moyne St., Montreal
 533 Bonsecours St., Montreal
 Rock Island

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1938
(Continued)

<u>Names of Firms</u>	<u>Location of Plants</u>
QUEBEC - Concluded	
Daniels, Dr. A. C. Co. of Canada, Ltd.	Victoria Ave., Knowlton
Davis & Lawrence Co.	1910 St. Antoine St., Montreal
Denver Chemical Mfg. Co.	153 Lagauchetiere St. W., Montreal
Desautels Laboratories Ltd.	1180 Benoit St., Montreal
Ex-Lax Limited	736 Notre Dame St. W., Montreal
Fortin, Charles	Robertsonville
Frasier Thornton Co. Ltd.	Cookshire
Frosst, Charles E., & Co.	3571 St. Antoine St. W., Westmount
Gauvin, J. A. E.	1427 Maisonneuve St., Montreal
Hanford, G. C. Mfg., Co. Ltd.	215 St. Paul St. W., Montreal
Harris, J. A., Ltd.	4510 De la Roche St., Montreal
Herbo Remedies Co. Ltd.	3718 St. Denis St., Montreal
Hervay Remedies, Ltd.	St. Basile
Horner, Frank W., Ltd.	950 St. Urbain St., Montreal
Institut Vaccinal de Montreal, Inc.	9741 Saint-Laurent Blvd., Montreal
Joffre Chemical Co.	3444 St. Hubert St., Montreal
Johnson & Johnson Ltd.	2155 Pius IX Blvd., Montreal
Kress & Owen Co. of Canada Ltd.	286 St. Paul St. W., Montreal
Laboratoire Moderne Ltee, La	419 Notre Dame E., Montreal
Laboratoire Montphar	2420 Notre Dame St. E., Montreal
Lalonde, Henri, Ltee	416 Notre Dame St. E., Montreal
Laboratoire Nadeau Limitee	100 St. Paul St. W., Montreal
Laboratoires St. Hubert Ltee	8185 Henri Julien St., Montreal
Laboratoire Pasteur Ltee	1305 Amherst St., Montreal
Laboratoires Poulenc Freres du Canada, Ltee	204 Place Youville, Montreal
Lambert, Dr. J. O., Limitee	2234 St. Antoine St., Montreal
Laurentian Laboratories, Ltd.	442 St. Gabriel St., Montreal
Laeming Miles Co. Ltd., The	504 St. Lawrence Blvd., Montreal
Mallinckrodt Chemical Works Ltd.	425 St. Patrick St. W., Montreal
Marois, L. & M.	643 Notre Dame St. W., Montreal
Massicotte Import Co.	127 Commissioners St. W., Montreal
Menley & James Ltd. of Canada	420 Lagauchetiere St. W., Montreal
Merck & Co. Ltd.	560 De Courcelles St., Montreal
Mothersill Remedy Co. Ltd., The	294 St. Paul St. W., Montreal
Mowatt & Moore, Ltd.	64 Prince St., Montreal
Pertussin Limited	250 St. Zotique St., Montreal
Polson, N. C. & Co. Ltd.	651 Notre Dame St. W., Montreal
Produits Gardo Ltee	Waterloo
Produits Pharmaceutiques Sylvain Ltee	406 Notre Dame St. E., Montreal
Rawleigh, W. T. Co. Ltd., The	4005 Richelieu St., St. Henri, Montreal
Rougier Freres Cie Inc.	350 Le Moyne St., Montreal
St. Germain, Les Medicaments	5129 St. Denis St., Montreal
Scientific Products Reg'd.	P.O. Box 101, Station B, Montreal
Sunodium Co. of Canada	8644 St. Denis St., Montreal
Usines Chimiques du Canada Inc.	1338 Lagauchetiere St. E., Montreal
Watkins, J. R., Co., The	2195 Masson St., Montreal
White, A. J., & Co. Ltd.	420 Lagauchetiere St. W., Montreal
Wingate Chemical Co. Ltd., The	378 St. Paul St. W., Montreal

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1938
(Continued)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>ONTARIO -</u>	
Accurate Laboratories	186 King St., London
Allen & Hanbury's Co. Ltd., The	65 King St., Lindsay
Alvinorr Products Ltd.	60 Main St., Galt
Anglo-Canadian Drugs Ltd.	99 Simcoe St., Oshawa
Antidolor Mfg. Co. Inc., The	52 Queen St., Fort Erie
Arner Co. Ltd., The	Niagara, Lewis and Bridge Sts., Fort Erie North
Australian Drug Co.	75 Duchess St., Toronto
Bauer & Black, Ltd.	Dominion Motors Bldg., Leaside
Baxter Laboratories of Canada Ltd.	201 Weston Rd. S., Toronto
Bayer Co. Ltd., The	1019 Elliott St. W., Windsor
Bell, Dr., Wonder Medicine Co.	Rear 110 .. 112 Clarence St., Kingston
Bromo-Seltzer Ltd.	1266 Queen St. W., Toronto
Buckley, W. K., Ltd.	559 College St., Toronto
Canada Pharmacal Co. Ltd., The	447 Talbot St., London
Canada Representatives Ltd.	195 Spadina Ave., Toronto
Canadian Botanic Gardens	379 Talbot St., London
Canadian Cellucotton Products Co. Ltd.	431 Victoria Ave., Niagara Falls
Canadian Gunagathon Co., Ltd., The	750B Yonge St., Toronto
Canadian Tampax Corporation Ltd.	150 Duchess St., Toronto
Carter, Cummings & Co.	107 Duke St., Toronto
Caulk, L. D., Co. of Canada, Ltd., The	172 John St., Toronto
Centaur Company Ltd., The	1019 Elliott St., Windsor
Comstock, W. H. Co. Ltd.	Brockville
Connaught Laboratories	University of Toronto, also R. R. No. 1, Downsview
Cressy, John R., Co.	1536 Dundas St. W., Toronto
D. D. D. Co. of Canada, Ltd.	36 Caledonia Road, Toronto
Druggists' Corporation, Ltd.	6 Ontario St., Toronto
Eaton, T., Drug Co. Ltd., The	190 Yonge St., Toronto (2)
Edmanson Bates & Co. Ltd.	Colborne St., Oakville
Endo Medical Products Ltd.	1870 Davenport Road, Toronto
Eno, J. C., (Canada) Ltd.	296 Richmond St. W., Toronto
Fasteeth Ltd.	Fort Erie North
Fleming Bros. Ltd.	424 Wellington St. W., Toronto
Foster Dack Co. Ltd.	337 King St. W., Toronto
Fulford, G. E., Ltd.	310 Dupont St., Toronto
Galt Chemical Products Ltd.	Beverly and Kerr Sts., Galt
Gelatin Products Ltd.	1310 Argyle Road, Walkerville
General Drug Co.	1019 Elliott St. W., Windsor
Gray Remedy Co.	62 Lombard St., Toronto
Hartz, J. F., Co. Ltd., The	32-34 Grenville St., Toronto
Hess and Clark Ltd.	659 Adelaide St., London
Huston, John A.	36 Caledonia Road, Toronto
Ingram & Bell Ltd.	256 McCaul St., Toronto
Jamieson, C. E., & Co. Ltd.	414 Sandwich W., Windsor
Jefferis, E. G. Medicine Co.	442 Quebec Ave., Toronto
Kelly, Thomas J., Laboratories	426 Talbot St., London

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1938
(Continued)

<u>Names of Firms</u>	<u>Location of Plants</u>
ONTARIO - Continued	
Kennedy Biological Laboratories Ltd.	10 Wharfe St., Brantford
Kitchener Tonsilitis Co.	195 Lancaster St. E., Kitchener
Lavoris Chemical Co. Ltd.	96 Jarvis St., Toronto
Lentheric of Canada, Ltd.	36 Caledonia Road, Toronto
Lewis-Howe Co.	239 Crawford Ave., Windsor
MacDonald Medicine Co.	64 John St. N., Hamilton
Marlatt, G. W., & Co.	211 Gerrard St. E., Toronto
Mason Remedies Ltd.	10 McCaul St., Toronto
Mentholatum Co., The	20 Lewis St., Fort Erie North
Merrill Co. Ltd., The	93½ Church St., Toronto
Milburn, T., Co. Ltd., The	643 King St. W., Toronto
Miles Laboratories Ltd.	1010 Dufferin St., Toronto
Mulveny's, R. L., Remedies Ltd.	211 Ossington Ave., Toronto
Musterole Co. of Canada Ltd.	34 St. Patrick St., Toronto
National Cellulose of Canada, Ltd.	Mt. Dennis
National Sanitary Products Ltd.	438 Talbot St., London
Nicholson Laboratories	181 College St., Toronto
Northrop & Lyman Co. Ltd.	462 Wellington St. W., Toronto
Nova Kelp Co. Ltd.	43 Scott St., Toronto
Novocol Chemical Mfg. Co. of Canada, Ltd.	11 Grenville St., Toronto
Noxzema Chemical Co. of Canada, Ltd., The	92 Jarvis St., Toronto
Parke, Davis & Co.	Sandwich St., Walkerville
Penslar Co. Ltd., The	325 Devonshire Road, Walkerville
Phillips, Chas. H., Chemical Co.	1019 Elliott St. W., Windsor
Pinex Co., The	424 Wellington St. W., Toronto
Pinkham, Lydia E., Medicine Co.	University Ave., Cobourg
Poloris Co. Ltd.	36-48 Caledonia Road, Toronto
Powell, H., Chemical Co. Ltd., The	38 Dundas St. E., Toronto
Procol Mfg. Co. Ltd.	449 Spadina Ave., Toronto
Pure Kelp Co.	130 Frederick St., Kitchener
Rolls & Darlington Ltd.	119 Pearl St., Toronto
Rundle, Geo. H., & Son Co. Ltd., The	Pitt St., and Dougal Ave., Windsor
Saunders, W. E., Ltd.	186 King St., London
Serva Mfg. Co.	66 Yonge St., Richmond Hill
Shuttleworth, E. B., Chemical Co. Ltd., The	525 Logan Ave., Toronto
Squibb, E. R., & Sons of Canada, Ltd.	36-48 Caledonia Road, Toronto
Stearns, Frederick, & Co. of Canada, Ltd.	443 Sandwich St. W., Windsor
Sterling Products Ltd.	1019 Elliott St. W., Windsor
Stevens, J., & Son, Co. Ltd.	145 Wellington St. W., Toronto
Sutcliffe & Bingham of Canada, Ltd.	1 Niagara St., Toronto
Synthetic Drug Co., Ltd.	243 College St., Toronto
Templetons Ltd.	56 Colborne St. and 122 King St. W., Toronto
Toronto Pharmacal Co. Ltd., The	20 Brockton Ave., Toronto
Troy Chemical Co. Inc.	517 Crawford St., Toronto
United Drug Co. Ltd.	68 Broadview Ave., Toronto
Vanderhoof & Co. Ltd.	305 Caron Ave., Windsor
Wampole, Henry K., & Co., Ltd.	Perth

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1938
(Concluded)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>ONTARIO - Concluded</u>	
Warner, Wm. R., & Co., Ltd.	727 King St. W., Toronto
West, Ernest P.	41 Duchess St., Toronto
Will, Charles R., & Co. Ltd.	571 Richmond St. W., Toronto
Wood, W. Lloyd, Ltd.	64 Gerrard St. E., Toronto
World's Dispensary Medical Association	40 Courtwright St., Fort Erie North
Wyeth, John, & Bro. Inc.	2109 Ottawa St., Walkerville
<u>MANITOBA -</u>	
Commercial Laboratories	Notre Dame and Princess Sts., Winnipeg
Eaton, T., Co. Ltd., The	Winnipeg
Fahrney, Dr. Peter, & Sons Co.	256 Stanley St., Winnipeg
Kleerex Mfg. Co.	263 Kennedy St., Winnipeg
National Drugs Ltd.	576 McDermot St., Winnipeg
Rawleigh, W. T., Co. Ltd., The	589 Henry Ave., Winnipeg
Watkins, J. R., Co., The	Annabella and E. Higgins St., Winnipeg
<u>ALBERTA -</u>	
Harris, George, & Son	507 .. 24th Ave. W., Calgary
McIntyre, J. C.	10061 .. 101st St., Edmonton
<u>BRITISH COLUMBIA -</u>	
B. C. Pharmacal Co. Ltd.	329 Railway St., Vancouver
R. M. B. Laboratories of Canada, Ltd.	736 Granville St., Vancouver
Western Wholesale Drug Ltd.	456 Broadway W., Vancouver

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