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OTTAWA- CANADA

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief, Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.
Statistician - Metal and Chemical Products: H. McLeod, B.Sc.

ANNUAL INDUSTRY REPORT

CHEMICALS AND ALLIED PRODUCTS GROUP

THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1937.

Production by the manufacturing plants in Canada which were engaged chiefly in making patent and proprietary medicines, pharmaceuticals and similar commodities was valued at \$24,814,647 at factory prices in 1937 compared with \$22,251,550 in 1936 and \$21,292,751 in 1935.

Of the 174 factories in this group in 1937, 92 were located in Ontario, 66 in Quebec, 7 in Manitoba, 3 in British Columbia, 2 in Saskatchewan, 1 in Nova Scotia, 2 in Alberta and 1 in New Brunswick. The capital employed in manufacturing was reported at \$22,780,119, of which \$7,793,759 was the value of land, buildings and equipment, \$7,154,329 was the value of inventories and \$7,832,031 was cash and other operating capital. The average number of employees in 1937 was 4,296 compared with 3,857 in the previous year and payments in salaries and wages totalled \$5,311,120 as against \$4,797,458 in 1936. Plants in Ontario produced 61 per cent of the Canadian output and concerns in Quebec accounted for 32.7 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 \$17,547,432 in 1937 compared with \$16,223,419 in 1936 and \$15,360,980 in 1935.

Imports into Canada of drugs, medicinals and pharmaceuticals during 1937 were valued at \$3,510,064 of which \$2,014,094 came from United States, and \$808,595 from the United Kingdom. In 1936 the value of imports was \$3,207,300. Exports were appraised at \$1,443,231 in 1937 and \$1,278,440 in 1936.

Table 1 - PRINCIPAL STATISTICS, 1929 - 1937.

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	5,563,081	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	3,850,928	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
% change 1937 from 1936	+3.0	+ 9.7	+11.4	+10.7	+ 3.6	+ 5.8	+11.5

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1936 and 1937.

Provinces	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
		\$		\$	\$	\$	\$
1936							
Quebec	65	7,571,360	1,294	1,651,953	70,469	2,159,862	7,051,447
Ontario	86	11,883,508	2,350	2,924,191	87,795	4,727,552	13,781,231
Manitoba	7	1,025,458	141	143,778	8,349	449,858	1,204,838
Saskatchewan ...	3	50,507	4	3,019	350	2,160	7,745
British Columbia	3	18,144	49	56,738	1,632	14,415	78,373
Nova Scotia	2)						
New Brunswick ..	1)	211,935	19	17,779	1,038	30,523	127,916
Alberta	2)						
CANADA	169	20,760,912	3,857	4,797,458	169,633	7,384,370	22,251,550
1937							
Quebec	66	8,208,977	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

Table 3 - CAPITAL EMPLOYED, BY PROVINCES, 1936 and 1937.

Provinces	Present value of land, buildings, machinery and equipment	Inventory value of materials on hand, finished products, stocks in process, fuel and miscellaneous supplies on hand	Operating capital (cash, bills and accounts receivable, pre-paid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
1936				
Quebec	2,949,606	1,883,979	2,737,775	7,571,360
Ontario	3,785,847	3,489,086	4,608,575	11,883,508
Manitoba	438,551	399,246	187,661	1,025,458
Saskatchewan	38,415	10,287	1,805	50,507
British Columbia.	6,915	6,409	4,820	18,144
Other provinces..	57,349	75,117	79,469	211,935
CANADA	7,276,683	5,864,124	7,620,105	20,760,912
1937				
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

Table 4 - ESTABLISHMENTS GROUPED ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES AND CAPITAL EMPLOYED, 1937.

	Number of plants	Capital employed	Number of employees	Selling value of products at works
		\$		\$
(a) PRODUCTION				
Under \$5,000	29	222,836	47	72,144
\$5,000 - \$10,000	16	131,091	53	132,362
\$10,001 - \$25,000	22	502,183	87	416,654
\$25,001 - \$50,000	24	885,376	231	964,348
\$50,001 - \$100,000	33	2,090,382	518	2,581,402
\$100,001 - \$250,000	27	4,633,252	855	4,854,304
\$250,001 - \$500,000	13	5,492,978	938	4,727,575
\$500,001 - \$1,000,000	6	4,380,651	657	4,987,961
Over \$1,000,000	4	4,441,370	910	6,077,897
TOTAL	174	22,780,119	4,296	24,814,647
(b) EMPLOYEES				
1 or 2	41	946,727	63	1,564,676
3 - 10	55	1,849,231	317	2,157,952
11 - 20	32	2,874,976	497	2,750,735
21 - 50	24	3,726,895	758	3,873,315
51 - 100	12	5,842,142	823	5,097,917
Over 100	10	7,540,148	1,838	9,370,052
TOTAL	174	22,780,119	4,296	24,814,647
(c) CAPITAL				
Under \$25,000	76	817,251	323	1,535,883
\$25,000 - \$100,000	51	2,611,320	731	3,941,016
\$100,001 - \$500,000	33	8,075,310	1,313	7,446,789
\$500,000 - \$1,000,000	10	6,186,827	1,112	6,752,522
Over \$1,000,000	4	5,089,411	817	5,138,437
TOTAL	174	22,780,119	4,296	24,814,647

Table 5 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1936 and 1937.

Provinces	AVERAGE NUMBER OF EMPLOYEES				TOTAL	Salaries \$	Wages \$	TOTAL SALARIES AND WAGES \$
	On salaries		On wages					
	Male	Female	Male	Female				
1936								
Quebec	369	166	366	393	1,294	1,074,345	577,608	1,651,953
Ontario	675	374	565	736	2,350	1,835,219	1,088,972	2,924,191
Manitoba	21	16	52	52	141	53,924	89,854	143,778
Saskatchewan ...	1	-	2	1	4	994	2,025	3,019
British Columbia	5	5	18	21	49	18,942	37,796	56,738
Other provinces.	3	1	7	8	19	6,700	11,079	17,779
CANADA	1,074	562	1,010	1,211	3,857	2,990,124	1,807,334	4,797,458
1937								
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

Table 6 - WAGE-EARNERS, BY MONTHS, 1936 and 1937.

Months	1936			1937		
	Male	Female	TOTAL	Male	Female	TOTAL
January	949	1,145	2,094	1,091	1,275	2,366
February	961	1,176	2,137	1,105	1,329	2,434
March	963	1,197	2,160	1,115	1,350	2,465
April	981	1,167	2,148	1,131	1,363	2,494
May	988	1,163	2,151	1,140	1,358	2,498
June	991	1,180	2,171	1,137	1,327	2,464
July	999	1,173	2,172	1,139	1,334	2,473
August	1,011	1,175	2,186	1,141	1,389	2,530
September	1,048	1,243	2,291	1,162	1,452	2,614
October	1,051	1,274	2,325	1,189	1,467	2,656
November	1,105	1,324	2,429	1,173	1,442	2,615
December	1,069	1,266	2,335	1,124	1,298	2,422
AVERAGE	1,010	1,211	2,221	1,136	1,365	2,501

Table 7 - FUEL AND ELECTRICITY USED, 1936 and 1937.

Kinds	Unit of measure	1936		1937	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Anthracite coal	short ton	849	7,817	968	8,121
Bituminous coal - Canadian	short ton	4,258	26,259	4,127	25,335
Imported	short ton	7,729	46,985	7,737	47,747
Coke	short ton	44	493	27	304
Gasoline	Imp. gal.	1,220	266	476	111
Kerosene	Imp. gal.	1,025	152	441	90
Fuel oil	Imp. gal.	256,917	15,102	255,930	15,398
Wood	cord	172	847	176	874
Gas - Manufactured	M cu. ft.	5,981	5,788	8,031	7,028
Natural	M cu. ft.	1,371	1,054	2,047	1,580
Other fuel	xxx	...	2,293	...	347
Electricity purchased	K. W. H.	3,161,018	62,577	3,715,118	68,616
TOTAL	xxx	...	169,633	...	175,551

Table 8 - REGULAR HOURS WORKED PER WEEK BY WAGE-EARNERS (OVERTIME NOT INCLUDED), 1936 and 1937.

Regular hours worked per week	Percentage of Wage-Earners		Regular hours worked per week	Percentage of Wage-Earners	
	1936	1937		1936	1937
40 hours or less ..	9.8	12.1	51-53 hours9	.6
41-43 hours	3.7	7.0	54 hours1	.5
44 hours	32.0	30.3	55 hours	-	.2
45-47 hours	36.0	30.4	56-59 hours1	.2
48 hours	10.8	14.1	60 hours and over .	.3	.5
49-50 hours	6.3	4.1			

Table 9 - POWER EQUIPMENT, 1936 and 1937.

Kinds	1936		1937	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Hydraulic turbines, or water wheels	4	3	-	-
Steam engines and steam turbines.	7	201	7	149
Gasoline, gas and oil engines ...	2	23	-	-
Total Primary Equipment	13	227	7	149
Electric motors operated by purchased power	1,467	3,883	1,586	3,945
TOTAL	1,480	4,110	1,593	4,094
Boilers	55	4,085	51	3,455

Table 10 - POWER EQUIPMENT SHOWING ORDINARILY IN USE SEPARATELY FROM IN RESERVE OR IDLE, 1937.

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.	7	149	-	-
Gasoline, gas and oil engines ...	-	-	-	-
Total Primary Equipment	7	149	-	-
Electric motors run by purchased power	1,561	3,881	25	64
TOTAL	1,568	4,030	25	64
Boilers	48	3,240	3	215

Table 11 - MATERIALS USED IN MANUFACTURING, 1936 and 1937.

Materials	Unit of measure	1936		1937	
		Quantity	Cost at works	Quantity	Cost at works
Acetylsalicylic acid	lb.	175,127	113,293	203,652	125,532
Boric acid	lb.	158,164	11,947	165,136	12,649
Citric acid	lb.	308,238	73,801	220,826	55,407
Tartaric acid	lb.	483,908	107,842	563,325	122,739
Bismuth metal	lb.	32,307	28,649	27,089	24,231
Bismuth salts	lb.	12,572	20,141	12,306	19,702
Caffeine	lb.	7,657	11,572	8,354	13,931
Cod liver oil	lb.	642,251	74,344	790,710	103,097
Essential oils	xxx	...	69,916	...	92,534
Ethyl alcohol	proof gal.	146,889	332,723	178,024	346,099
Glycerine, refined	lb.	670,112	107,589	694,078	132,007
Gums, including camphor	xxx	...	38,547	...	47,770
Iodine, crude	lb.	67,280	61,949	78,069	67,553

Table 11 - MATERIALS USED IN MANUFACTURING, 1936 and 1937 - (concluded)

Materials	Unit of measure	1 9 3 6		1 9 3 7	
		Quantity	Cost at works	Quantity	Cost at works
Herbs, roots and other drugs ...	xxx	...	219,535	...	220,846
Magnesium sulphate	lb.	878,120	23,162	919,825	23,881
Menthol	lb.	9,296	26,835	9,650	26,819
Mercury metal	lb.	90,662	75,319	44,574	41,399
Nitric acid, 42°	lb.	125,625	10,970	92,603	7,225
Petrolatum	lb.	826,440	82,662	902,058	89,563
Phenol	lb.	12,058	3,300	12,579	3,565
Potassium iodide	lb.	5,818	8,069	6,413	8,882
Potassium sodium tartrate (Rochelle salt)	lb.	123,087	18,371	127,853	20,112
Silver bullion	Troy oz.	46,426	21,285	45,296	20,699
Sodium bicarbonate	lb.	973,516	30,007	1,078,882	32,124
Sodium hydroxide	lb.	150,185	5,675	142,863	5,304
Sodium salicylate	lb.	9,461	4,546	9,568	3,756
Sodium sulphate	lb.	53,256	2,546	57,836	2,234
Sugar	lb.	2,554,485	119,573	2,810,565	150,043
All other materials	xxx	...	3,365,954	...	4,258,575
Containers	xxx	...	2,314,248	...	2,730,651
TOTAL	xxx	...	7,384,370	...	8,808,929

Table 12 - PRODUCTS MADE, 1936 and 1937.

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	
	1 9 3 6	1 9 3 7
Medicines and Pharmaceuticals:		
Standard (pharmacopoeial or defined in other standard works)	2,964,635	3,061,554
Specialties registered as patent medicines	4,791,474	5,886,154
Specialties sold with ingredients declared	7,252,709	7,622,351
Biological preparations (vaccines, serums, etc.)	668,034	527,418
Disinfectants	43,463	58,732
Insecticides	167,018	200,698
Flavouring extracts	295,819	380,410
Toilet preparations -		
Alcoholic - not less than 5 per cent alcohol -		
Perfumes	78,148	84,392
Toilet waters and lotions, other	149,596	233,447
Cologne water, Florida water, Bay rum and all toilet waters or lotions sold to barber trade	32,083	38,562
Non-alcoholic -		
Creams, solid and liquid, of all kinds	272,319	219,924
Brilliantine	27,918	31,539
Face powders	163,702	157,943
Talcum powders	223,761	199,527
Bath salts	18,812	10,285
Compacts, (powders and rouges)	-	7,520
Lotions and toilet waters	10,023	14,237
Tooth pastes and tooth powders	363,791	357,705
All other toilet preparations	315,783	412,713
All other products (x)	4,412,462	5,309,536
TOTAL	22,251,550	24,814,647

(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 - 1937.

Years	Production (Selling value at factory)	Imports	Exports
	\$	\$	\$
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	3,730,193	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	938,026
1936	16,223,419	3,207,300	1,278,440
1937	17,547,432	3,510,064	1,443,251

(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, 1937.

Products	Quebec	Ontario	Other Provinces	CANADA
	\$	\$	\$	\$
(a) Alcoholic - not less than 5 per cent alcohol -				
Perfumes	179,012	277,944	9,859	466,815
Toilet waters and lotions ...	213,396	504,900	29,110	747,406
Cologne water, Florida water, Bay rum and all toilet waters and lotions sold to the barber trade	34,359	89,185	11,560	135,104
(b) Non-alcoholic -				
Creams, solid or liquid, all kinds	272,754	759,486	66,491	1,098,731
Brilliantine, oily or liquid.	20,479	82,021	10,645	113,145
Face powders	317,916	513,189	17,883	848,988
Talcum powders	251,923	236,309	8,943	497,175
Sachet powders	2,807	16,341	216	19,364
Lipsticks	109,282	139,814	-	249,096
Compacts (powders and rouges)	63,660	228,253	-	291,913
Shampoo powders and liquids..	20,236	122,738	12,625	155,599
Bath salts	15,780	98,551	5,065	119,396
Lotions and toilet waters, non-alcoholic	23,561	39,751	4,386	67,698
Manicure preparations	310,747	18,958	168	329,873
Tooth pastes and tooth powders	378,660	1,181,760	40,093	1,600,513
All other toilet preparations	426,628	727,613	168,741	1,322,982
TOTAL	2,641,200	5,036,813	385,785	8,063,798

Table 15 - IMPORTS INTO CANADA OF DRUGS, MEDICINAL AND PHARMACEUTICAL PREPARATIONS, 1936 and 1937.

		1936		1937	
		Quantity	Value	Quantity	Value
			\$		\$
Caffeine and salts of	lb.	33,205	35,862	217	411
Cocaine	oz.	1,197	9,816	2,596	18,218
Codeine and salts of	oz.	30,981	97,047	49,054	130,557
Morphine	oz.	5,436	25,750	6,387	25,152
Nicotine sulphate	lb.	109,604	65,459	182,825	107,654
Opium, crude	lb.	485	2,309	720	3,315
Opium, powdered	lb.	110	481	195	770
Quinine, salts of	oz.	100,178	54,697	127,894	70,439
Strychnine and salts of	oz.	116,622	59,715	98,969	44,792
Dipping and spraying preparations, non-alcoholic, in packages of not over three pounds	XX	...	37,814	...	66,467
Preparations or chemicals, non-alcoholic, for disinfecting, dipping or spraying, not elsewhere specified.	XX	...	541,852	...	717,400
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, dry	XX	...	1,621,458	...	1,582,432
Caffeine, in a crude state, when imported by manufacturers for purification or further manufacture in their own factories	lb.	28,860	28,466	124,451	125,499
Mixtures containing cyanides for use in combatting destructive insects and pests	XX	...	23,084	...	34,053
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, liquid, when containing not more than 2½ per cent of proof spirits	XX	...	426,881	...	428,808
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, all other	XX	...	32,458	...	33,804
Medicinal or medicated wines, containing not more than 40 per cent of proof spirits	gal.	578	2,313	945	1,954
Menthol, natural or synthetic	XX	...	70,519	...	54,600
Papaine	XX	...	2,822	...	2,546
Quassia juice	XX	...	161	...	224
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.	5,306	68,336	4,783	62,969
TOTAL IMPORTS	XX	...	3,207,300	...	3,510,064
From - United Kingdom	XX	...	925,131	...	808,595
United States	XX	...	1,599,809	...	2,014,094
France	XX	...	254,183	...	220,225

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1937.

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>NOVA SCOTIA</u> -	
Minard's 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.	388 St. Paul St. W., Montreal
Abbey Effervescent Salt Co., The	2715 Reading St., Montreal
Arex Co., The	30 Wolfe St., Lauzon
Ayerst, McKenna & Harrison, Ltd.	781 William St., Montreal
Bell & Sons (Canada) Ltd.	3951 Lanouette St., Verdun
Bliss, Alonzo O., Medical Co., The	136 St. Paul St. E., Montreal
Bristol-Myers Co. of Canada Ltd.	1239 Benoit St., Montreal
Burroughs, Wellcome & Co.	Riverview Ave., Ville La Salle
Brunet, W., & Cie, Ltee.	70 Laliberté St., Quebec
Canada Drug Co. (Reg'd.)	857 St. Maurice St., Montreal
Chesebrough Mfg. Co. Consolidated	5520 Chabot Ave., Montreal
Ciba Co., Ltd.	759 Victoria Square, Montreal
Cie, Onguent Eskimo	Mansonville
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, Ltd.	Victoria Ave., Knowlton
Davis & Lawrence Co.	1910 St. Antoine St., Montreal
Denver Chemical Mfg. Co.	153 Lagauchetière 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., 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 Blvd. Saint-Laurent, Montreal
Joffre Chemical Co.	3446 St. Hubert St., Montreal
Johnson & Johnson Ltd.	2155 Pius IX Blvd., Montreal
Kress & Owen Co. of Canada Ltd.	286 St. Paul St. W., Montreal
Le Laboratoire Moderne Ltée	403 Notre Dame E., Montreal
La Cie SoRex Ltée	855 Chemin St. Foye, Quebec
Laboratoire Montphar	2420 Notre Dame St. E., Montreal
Lalonde, Henri, Ltée	416 Notre Dame St. E., Montreal
Laboratoire Nadeau Limitoe	100 St. Paul St. W., Montreal

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1937.
(continued)

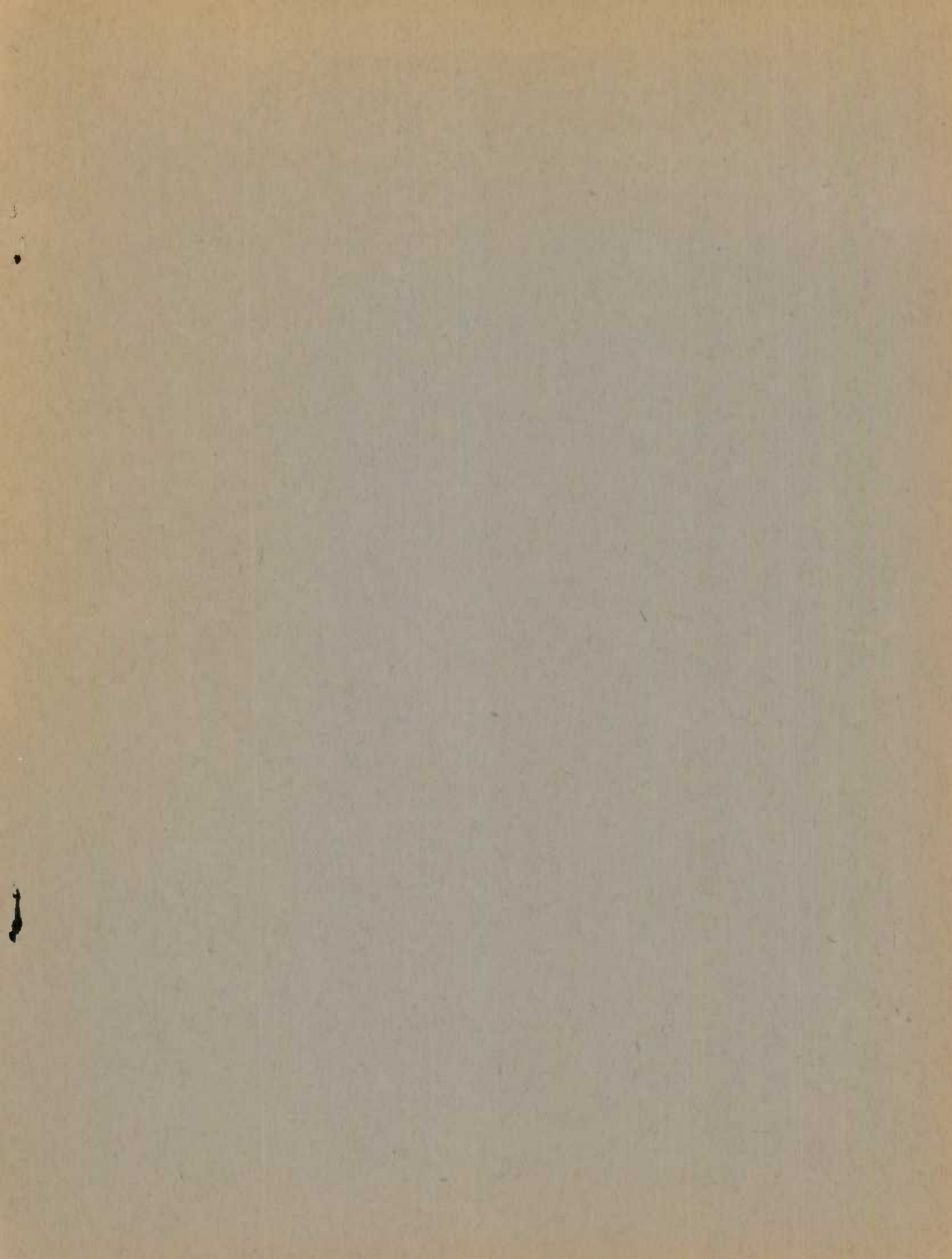
<u>Names of Firms</u>	<u>Location of Plants</u>
<u>QUEBEC - Concluded</u>	
Laboratoire Pasteur Ltée	1305 Amherst St., Montreal
Laboratoires Poulenc Frères du Canada, Ltée	507 Fortune St., Montreal
Lambert, Dr. J. O., Limitée	2234 St. Antoine St., Montreal
Laurentian Laboratories, Ltd.	442 St. Gabriel St., Montreal
La Cie des Produits Complex, Enrg.	Ste. Julienne de Montcalm
Leeming Miles Co. Ltd., The	504 St. Lawrence Blvd., Montreal
Les Medicaments St. Germain	5126 St. Denis St., Montreal
Les Produits Pharmaceutiques Sylvain Ltée	406 Notre Dame St. E., Montreal
Marois, L. & M.	643 Notre Dame St. W., Montreal
Massicotte Import Co.	127 Commissioners St. W., Montreal
Menley & James Ltd. of Canada	420 Lagauchetièrè St. W., Montreal
Merck & Co. Ltd.	De Courcelles and Acorn Sts., Montreal
Mothersill Remedy Co., Ltd., The	294 St. Paul St. W., Montreal
Mowatt & Moore, Ltd.	64 Prince St., Montreal
Paula Co. Ltd.	21 St. Paul St. E., Montreal
Pertussin Limited	250 Atlantic Ave., Montreal
Polson, N. C., & Co. Ltd.	651 Notre Dame St. W., Montreal
Rawleigh, W. T., Co. Ltd., The	4005 Richelieu St., St. Henri, Montreal
Rougier Frères Cie., Inc.	507 Fortune St., Montreal
Scientific Products Reg'd.	Ford Hotel, Montreal
Sunodium Co. of Canada	8644 St. Denis St., Montreal
Usines Chimiques du Canada Inc.	1338 Lagauchetièrè St. E., Montreal
Watkins, J. R., Co., The	2195 Masson St., Montreal
White, A. J., & Co. Ltd.	420 Lagauchetièrè St. W., Montreal
Wingate Chemical Co. Ltd., The	378 St. Paul St. W., Montreal
<u>ONTARIO -</u>	
Accurate Laboratories	186 King St., London
Allen & Hanbury's Co. Ltd.	65 King St., Lindsay
Alvinorr Products Ltd.	60 Main St., Galt
Anacin Co. Ltd.	2109 Ottawa St., Walkerville
Anglo-Canadian Drugs Ltd.	99 Simcoe St., Oshawa
Antidolor Mfg. Co. Inc., The	32 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
Bayer Co. Ltd., The	1019 Elliott St. W., Windsor
Bell, Dr., Wonder Medicine Co.	Rear 110 - 112 Clarence St., Kingston
Bisodol Co., The	2109 Ottawa St., Walkerville
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.	193 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

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1937.
(continued)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>ONTARIO</u> - continued	
Centaur Chemical Co.	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
Gallagher Remedies Ltd.	165 King St., Peterborough
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
Harding's Products	462 Yonge 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
Kitchener Tonsilitis Co.	195 Lancaster St. E., Kitchener
Lavoris Chemical Co. Ltd.	92 Jarvis St., Toronto
Lentheric of Canada	36 Caledonia Road, Toronto
Lewis-Howe Co.	239 Crawford Ave., Windsor
MacDonald Medicine Co.	64 John St. N., Hamilton
Mallinckrodt Chemical Works Ltd.	183 Front St. E., Toronto
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
Mulveney'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.	434 Talbot St., London
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

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1937.
(concluded)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>ONTARIO - Concluded</u>	
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. & 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
Unity Chemical Co.	67 Carlton St., Toronto
Vanderhoof & Co. Ltd.	305 Caron Ave., Windsor
Wampole, Henry K., & Co., Ltd.	Perth
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., Toronto
Wait Remedies Ltd.	8 Main St., Westboro
Wood, W. Lloyd, Ltd.	64 Gerrard St. E., Toronto
World's Dispensary Medical Association	Courtwright St., Fort Erie North
Wyeth, John, & Bro. Inc.	2109 Ottawa St., Walkerville
Wyeth Chemical Co.	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.	McDermot and Lydia Sts., Winnipeg
Rawleigh, W. T., Co. Ltd., The	589 Henry Ave., Winnipeg
Watkins, J. R., Co., The	Annabella and E. Higgins St., Winnipeg
<u>SASKATCHEWAN -</u>	
Saskasal Ltd.	513 Westman Chambers, Regina
Tested Specialties Co.	Dunblane
<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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