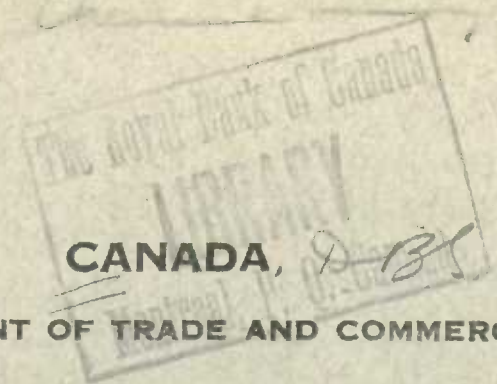


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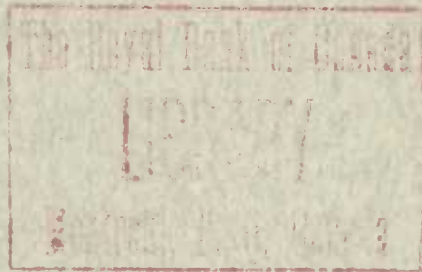
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

THE
MEDICINAL & PHARMACEUTICAL
PREPARATIONS INDUSTRY
IN
CANADA
1932

Published by Authority of the HON. H. H. STEVENS, M. P.,
Minister of Trade and Commerce.

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Table 1 - PRINCIPAL STATISTICS OF THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY,
BY PROVINCES, 1931 and 1932. concluded.

Years and provinces	No. of plants	Capital employed	Average		Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
			number of employees					
		\$			\$	\$	\$	\$
<u>1932</u>								
Quebec	51	6,030,079	951		1,283,773	1,475,619	5,156,914	3,681,295
Ontario	86	10,761,176	1,813		2,305,891	3,609,518	11,103,438	7,493,920
Manitoba	7	1,396,029	131		169,249	465,546	1,127,590	662,044
British Columbia	4	7,179	48		55,474	14,854	69,206	54,352
Nova Scotia	1)							
New Brunswick ..	1)	185,138	16		19,391	29,580	116,831	87,251
Alberta	1)							
CANADA	151	18,379,601	2,959		3,833,778	5,595,117	17,573,979	11,978,862

Table 2 - CAPITAL EMPLOYED, BY PROVINCES, 1931 and 1932.

Provinces	Inventory value		Inventory value		Operating capital (cash, bills and accounts receivable, prepaid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	Present value of lands, buildings, machinery and equipment	of materials on hand, stocks in process, fuel and miscellaneous supplies on hand	of finished products on hand	of materials on hand		
	\$	\$	\$	\$		\$
<u>1931</u>						
Quebec	2,551,093	886,567	712,375		1,721,666	5,871,701
Ontario	3,758,103	1,769,373	764,944		4,051,196	10,343,616
Manitoba	493,348	307,232	78,145		521,172	1,399,897
British Columbia.	31,761	6,016	7,391		1,452	46,620
Other provinces..	45,580	64,793	2,995		73,511	186,879
CANADA	6,879,885	3,033,981	1,565,850		6,368,997	17,848,713
<u>1932</u>						
Quebec	2,670,077	1,023,349	377,808		1,958,845	6,030,079
Ontario	4,064,907	1,628,805	966,407		4,101,057	10,761,176
Manitoba	459,550	294,126	118,899		523,454	1,396,029
British Columbia.	2,458	1,560	1,387		1,774	7,179
Other provinces .	43,292	63,876	3,286		74,684	185,138
CANADA	7,240,284	3,011,716	1,467,787		6,659,814	18,379,601

Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1931 and 1932.

Provinces	Average number of employees					Salaries and wages		
	On salaries		On wages		TOTAL	Salaries	Wages	TOTAL
	Male	Female	Male	Female				
					\$	\$	\$	
<u>1931</u>								
Quebec	239	111	310	316	976	770,572	576,804	1,347,376
Ontario	407	293	429	546	1,675	1,321,864	926,198	2,248,062
Manitoba	34	25	38	49	146	86,225	89,526	175,751
British Columbia.	3	1	18	23	45	10,885	49,378	60,263
Other provinces..	10	3	3	8	24	21,511	5,628	27,139
CANADA	693	433	798	942	2,866	2,211,057	1,647,534	3,858,591

Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1931 and 1932. concluded.

Provinces	Average number of employees					Salaries and wages		
	On salaries		On wages		TOTAL	Salaries	Wages	TOTAL
	Male	Female	Male	Female				
						\$	\$	\$
1932								
Quebec	217	104	298	332	951	764,282	519,491	1,283,773
Ontario	481	288	461	583	1,813	1,405,660	900,231	2,305,891
Manitoba	34	22	39	36	131	80,254	88,995	169,249
British Columbia	4	4	20	20	48	13,162	42,312	55,474
Other provinces.	7	1	2	6	16	15,200	4,191	19,391
CANADA	743	419	820	977	2,959	2,278,558	1,555,220	3,833,778

Table 4 - WAGE-EARNERS, BY MONTHS, 1931 and 1932.

Months	1931			1932			
	Male	Female	TOTAL	Male	Female	TOTAL	TOTAL
January	783	944	1,727	808	928	1,736	1,736
February	793	945	1,738	813	974	1,787	1,787
March	801	976	1,777	813	985	1,798	1,798
April	802	1,007	1,809	809	1,003	1,812	1,812
May	805	987	1,792	802	973	1,775	1,775
June	791	954	1,745	797	961	1,758	1,758
July	773	893	1,666	800	930	1,730	1,730
August	776	905	1,681	797	922	1,719	1,719
September	781	946	1,727	830	1,054	1,884	1,884
October	780	967	1,747	836	1,054	1,890	1,890
November	769	944	1,713	837	1,059	1,896	1,896
December	773	930	1,703	816	1,004	1,820	1,820
AVERAGE	798	942	1,740	820	977	1,797	1,797

Table 5 - TOTAL OF WAGE-EARNERS IN MONTHS OF HIGHEST EMPLOYMENT, ACCORDING TO REGULAR HOURS OF WORK PER WEEK, 1931 and 1932. (Overtime not included)

Regular hours per week	Number of wage-earners		Regular hours per week	Number of wage-earners	
	1931	1932		1931	1932
40 hours or less	118	214	51 - 53 hours	84	87
41 - 43 hours	33	49	54 hours .....	...	7
44 hours	660	654	56 - 59 hours	4	1
45 - 47 hours	560	669	60 hours	11	45
48 hours	168	121	Over 60 hours	61	16
49 - 50 hours	259	213			

Table 6 - FUEL AND ELECTRICITY USED, 1931 and 1932.

Kinds	Unit of measure	1931		1932	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Anthracite coal	short ton	710	6,778	762	7,218
Bituminous coal - Canadian	short ton	3,079	22,573	3,399	22,371
Imported.	short ton	4,416	25,582	4,109	23,657
Coke	short ton	62	745	38	463
Gasoline	Imp. gal.	1,693	359	5,014	1,086
Kerosene	Imp. gal.	12,244	1,445	156	24
Fuel oil	Imp. gal.	150,020	10,899	196,471	13,048
Wood	cord	201	1,200	122	467
Gas - Manufactured	M cu.ft.	4,145	4,174	4,544	4,551
Natural	M cu.ft.	269	221	207	171
Electricity purchased	K.W.H.	1,749,830	39,383	1,883,614	41,147
TOTAL .....		...	113,359	...	114,203

Table 7 - POWER EQUIPMENT, 1931 and 1932.

Kinds	1 9 3 1		1 9 3 2	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and steam turbines	7	228	7	194
Gasoline, gas and oil engines	1	3	1	3
Total Primary Power	8	231	8	197
Electric motors operated by purchased power	922	2,669	1,027	2,717
Total Power Employed	930	2,900	1,035	2,914
Total Electric Motors	922	2,669	1,027	2,717
Boilers	36	2,824	38	2,969

Table 8 - MATERIALS USED IN MANUFACTURING, 1931 and 1932.

Materials	Unit of measure	1 9 3 1		1 9 3 2	
		Quantity	Cost at works	Quantity	Cost at works
Acetylsalicylic acid	lb.	129,020	\$ 89,312	107,866	\$ 74,062
Boric acid	lb.	137,200	16,002	135,155	11,625
Citric acid	lb.	173,509	57,967	169,741	37,828
Tartaric acid	lb.	212,092	52,105	170,219	36,000
Bismuth salts	lb.	8,767	15,459	8,878	13,616
Caffeine	lb.	4,225	7,062	3,384	4,565
Cod liver oil	lb.	308,034	54,449	306,368	52,538
Essential oils	xx	...	70,097	...	66,924
Ethyl alcohol	gal.	154,414	443,024	126,333	335,544
Glycerine, refined	lb.	544,588	69,696	517,623	60,427
Gums, including camphor	xx	...	32,406	...	24,477
Iodine, crude	lb.	26,612	56,599	31,069	81,741
Herbs, roots and other drugs	xx	...	216,987	...	288,449
Magnesium sulphate	lb.	553,291	21,252	622,459	28,073
Petrolatum	lb.	550,580	61,470	616,127	68,798
Potassium iodide	lb.	4,136	16,034	2,326	8,249
Potassium sodium tartrate (Rochelle salt)	lb.	89,759	17,140	103,738	26,525
Silver bullion	oz.	58,981	18,291	51,092	17,507
Sodium bicarbonate	lb.	569,532	18,887	610,014	22,751
Sodium salicylate	lb.	4,831	2,440	4,631	2,432
Sugar	lb.	1,925,104	106,638	1,994,866	92,776
All other materials	xx	...	2,374,298	...	2,425,377
Containers	xx	...	1,772,931	...	1,814,833
TOTAL	xx	...	5,590,546	...	5,595,117

Table 9 -- PRODUCTS MADE, 1931 and 1932.

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 10 and 11.

Products	Selling value at the works	
	1931	1932
	\$	\$
Medicinals and pharmaceuticals -		
Liniments	550,526	445,717
Pills, tablets, powders, etc.	1,834,974	1,805,778
Plasters	278,204	179,234
Salves and ointments	461,574	435,190
Tonics (blood purifiers, appetizers, etc.)	1,496,990	1,474,941
Cough medicines	402,764	563,439
Other patent medicines	1,314,189	1,513,178
Other medicinal and pharmaceutical preparations ..	5,941,773	5,315,772
Medicated wines	49,056	31,377
Biological preparations (vaccines, serums, etc.) ...	560,978	89,113
Disinfectants	50,967	29,613
Insecticides	118,353	164,622
Hydrogen peroxide	45,838	35,596
Iodine resublimed	28,771	30,686
Potassium and other iodides	76,096	64,777
Silver nitrate	28,997	20,570
Toilet preparations -		
Alcoholic - not less than 5 per cent alcohol -		
Perfumes	99,470	60,137
Toilet waters and lotions, other	71,219	94,535
Cologne water, Florida water, Bay rum and all toilet waters or lotions sold to barber trade ...	66,319	56,143
Non-alcoholic -		
Creams, solid and liquid, of all kinds	207,260	226,155
brilliantine, oily and liquid	30,372	32,017
Face powders	146,045	142,603
Talcum powders	260,312	207,501
Compacts (powders and rouges)	2,370	300
Tooth pastes and tooth powders	156,478	238,613
All other toilet preparations	458,399	715,537
All other products (x)	3,372,500	3,600,835
TOTAL	18,110,794	17,573,979

(x) Includes absorbent gauze, sanitary towels, flavouring extracts, citrates, mercury salts, bismuth salts, dental supplies, surgical bandages, protective dressings, and other such articles which were reported by fewer than three companies.

Table 10 - TOTAL PRODUCTION OF MEDICINAL AND PHARMACEUTICAL PREPARATIONS IN CANADA, FROM ALL INDUSTRIES, 1931 and 1932.

NOTE - These figures represent the total Canadian production of medicinals and pharmaceuticals regardless of the industry in which produced. The breakdown is not accurate as some of the large companies were unable to give a separation of their output according to the items shown.

Products	Quebec	Ontario	Other	CANADA
	\$	\$	Provinces \$	\$
<u>1931</u>				
Liniments	154,187	231,766	164,573	550,526
Pills, tablets, powders, etc.	238,959	1,564,414	31,601	1,834,974
Plasters	183,872	93,232	1,100	278,204
Salves and ointments	118,648	289,630	53,296	461,574
Tonics (blood purifiers, appetizers, digestives, etc.)	120,785	1,349,785	26,420	1,496,990
Cough medicines	224,156	165,600	13,008	402,764
Other patent medicines	238,142	954,271	121,776	1,314,189
Other medicinal and pharmaceutical preparations	2,430,262	4,111,230	120,228	6,661,720
Medicated wines	7,812	36,329	4,915	49,056
Biological preparations (vaccines, serums, etc.)	11,358	549,620	...	560,978
TOTAL	3,728,181	9,345,877	536,917	13,610,975
<u>1932</u>				
Liniments	110,595	206,878	128,244	445,717
Pills, tablets, powders, etc.	249,838	1,521,320	34,620	1,805,778
Plasters	176,027	88,295	2,279	266,601
Salves and ointments	111,156	260,393	63,641	435,190
Tonics (blood purifiers, appetizers, digestives, etc.)	108,211	1,315,576	51,154	1,474,941
Cough medicines	246,721	293,482	23,236	563,439
Other patent medicines	355,359	1,137,695	20,124	1,513,178
Other medicinal and pharmaceutical preparations	2,115,383	3,656,599	156,671	5,928,653
Medicated wines	6,420	18,916	6,041	31,377
Biological preparations (vaccines, serums, etc.)	9,067	541,971	...	551,038
TOTAL	3,488,777	9,041,125	486,010	13,015,912

Table 11 - TOTAL PRODUCTION(x) OF MEDICINAL AND PHARMACEUTICAL PREPARATIONS IN CANADA FROM ALL INDUSTRIES, 1925 - 1930.

Years	Patent medicines	Other medicinal and pharmaceutical preparations	T O T A L
	\$	\$	\$
1925	5,837,150	5,049,116	10,886,266
1926	7,101,499	5,251,023	12,352,522
1927	6,990,127	5,885,306	12,875,433
1928	7,355,384	5,988,104	13,343,488
1929	7,807,791	7,050,714	14,858,505
1930	6,990,679	6,940,613	13,931,292

(x) Prior to 1931, production data were collected under the headings shown in Table 11 but for 1931 and 1932 an effort was made to get a more detailed breakdown as shown in Table 10.

Table 12 -- TOTAL PRODUCTION OF TOILET PREPARATIONS IN CANADA FROM ALL INDUSTRIES, BY PROVINCES, 1932.

NOTE -- These figures represent the total Canadian output of toilet preparations regardless of the industry in which produced.

Products	Quebec	Ontario	Other Provinces	CANADA
	\$	\$	\$	\$
(a) Alcoholic -- not less than 5 per cent alcohol --				
Perfumes	171,220	251,733	7,836	430,789
Toilet waters and lotions	158,167	260,426	28,595	447,188
Cologne water, Florida water, Bay rum and all toilet waters and lotions sold to the barber trade ...	62,514	142,128	4,692	209,334
(b) Non-alcoholic --				
Creams, solid or liquid, all kinds ..	199,061	762,102	67,540	1,038,703
Brilliantine, oily or liquid	13,285	52,934	8,348	74,567
Face powders	239,486	610,355	17,182	867,023
Talcum powders	208,007	194,330	17,564	419,901
Sachet powders	1,159	208	...	1,367
Lipsticks	39,427	125,368	15	164,810
Compacts (powders and rouges)	77,616	241,962	25	319,603
(c) Other --				
Tooth pastes and tooth powders	411,100	999,637	25,134	1,435,871
All other toilet preparations	379,707	975,149	203,850	1,558,706
TOTAL	1,960,749	4,616,332	380,781	6,957,862

Table 13 -- IMPORTS INTO CANADA OF DRUGS, MEDICINAL AND PHARMACEUTICAL PREPARATIONS, 1931 and 1932.

	1931		1932	
	Quantity	Value	Quantity	Value
		\$		\$
Caffeine and salts of	lb. 16,583	17,349	13,574	9,475
Cocaine	oz. 2,290	10,209	1,903	9,488
Codeine and salts of	oz. 22,109	76,497	23,538	57,153
Morphine	oz. 5,941	31,055	5,881	24,774
Nicotine sulphate	lb. 100,721	93,566	136,194	95,854
Opium, crude	lb. 999	3,952	515	2,659
Opium, powdered	lb. 126	474	135	423
Quinine, salts of	oz. 157,692	65,146	106,335	49,790
Strychnine and salts of	oz. 51,574	17,977	64,465	28,241
Dipping and spraying preparations, non-alcoholic, in packages of not over three pounds (from August 3, 1931)	xx ...	10,598	...	40,785
Preparations or chemicals, non-alcoholic, for disinfecting, dipping or spraying, not elsewhere specified	xx ...	595,129	...	411,185
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, dry	xx ...	1,812,640	...	1,598,553
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, liquid, when containing not more than 2½ per cent of proof spirits	xx ...	426,052	...	364,741

Table 13 - IMPORTS INTO CANADA OF DRUGS, MEDICINAL AND PHARMACEUTICAL PREPARATIONS, 1931 and 1932. concluded.

	1931		1932	
	Quantity	Value	Quantity	Value
		\$		\$
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, all other	xx	...	...	32,403
Medicinal or medicated wines, containing not more than 40 per cent of proof spirits	gal.	7,333	4,965	12,089
Menthol, natural or synthetic	xx	...	...	47,751
Papaine	xx	...	...	1,729
Quassia juice	xx	...	...	291
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.	2,981	2,693	44,641
TOTAL IMPORTS	xx	...	...	2,832,025
From - United Kingdom	xx	...	...	875,224
United States	xx	...	...	1,240,321
France	xx	...	...	398,730

Table 14 - EXPORTS FROM UNITED STATES TO CANADA OF MEDICINALS AND PHARMACEUTICALS, 1931 and 1932.

(From "Foreign Commerce and Navigation of the United States, Calendar Years 1931 and 1932")

	1931	1932
	\$	\$
Biologics -		
For animal and veterinary use	24,905	15,291
Serums and antitoxins for human use	102,595	76,639
Vaccines for human use	38,951	42,175
Glandular products, organo therapeutics, enzymes, ferments and culture media	52,095	51,176
Druggists' non-proprietary preparations -		
Elixirs, cordials, tinctures, extracts and similar liquid solutions	24,403	22,333
Tablets, pills, capsules, powders, etc.	113,812	117,302
Household pharmaceuticals in small packages	46,371	42,534
Proprietary medicinal preparations -		
Corn and foot remedies	8,180	12,961
Plasters	73,591	43,031
Liniments	1,545	1,547
Salves and ointments for burns, cuts, skin diseases, insect bites, etc.	47,309	37,577
Salves and ointments for coughs, colds, catarrh and bronchial infections	11,066	1,788
Cold, cough and bronchial preparations	16,139	11,503
Asthma, catarrh and hay fever preparations	5,164	8,059
Mouth washes and gargles and personal antiseptics	10,256	2,542
Malaria, chill and fever remedies	4,888	7,905
Tonics, blood purifiers, emulsions and appetizers	31,027	7,689
Laxatives, purgatives and cathartics	81,522	73,401
Milk of magnesia .....	...	3,954
Digestive preparations	14,763	8,774
Headache, neuralgia and pain remedies	4,339	546
Other proprietary medicinal preparations	185,528	108,817

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1932.

<u>Name of Firm</u>	<u>Location of Plant</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> --	
Abbey Effervescent Salt Co., The	2715 Reading St., Montreal
Agence Franco-Britannique	4247 St. André St., Montreal
Arex Co., The	80 Wolfe St., Lauzon
Ayerst, McKenna & Harrison Ltd.	781 William St., Montreal
Bliss Medical Co., The Alonzo O.	136 St. Paul St. E., Montreal
Burroughs, Wellcome & Co.	Riverview Ave. and Airlie Terrace, Ville La Salle
Brunet & Cie., W.	139 St. Joseph St., Quebec
Canada Chemical Works Inc.	1620 Grothe St., Montreal
Canada Drug Co.	857 St. Maurice St., Montreal
Chesebrough Mfg. Co.	5520 Chabot Ave., Montreal
Chrétien, Alphonse	Ste. Eulalie
Compagnie J. L. Mathieu	14 Albert St., Sherbrooke
Compagnie Pharmaceutique Rameau Ltée.	350 Le Moyne St., Montreal
Dairy Association Co.	Rock Island
Daniels of Canada, Ltd., Dr. A.C.	Victoria St., Knowlton
Davis & Lawrence Co.	1910 St. Antoine St., Montreal
Denver Chemical Mfg. Co.	153 Lagauchetière St. W., Montreal
Désautels Laboratoires Ltée.	1180 Benoit St., Montreal
Devins, R. J.	511 rue du Couvent, Montreal
Ex-Lax Limited	736 Notre Dame St. W., Montreal
Fortin, Charles	Robertsonville
Frasier Thornton Co. Ltd.	Cookshire
Frosst & Co., Charles E.	3571 St. Antoine St., Westmount
Gauvin, J.A.E.	1427 Maisonneuve St., Montreal
Hanford Mfg. Co. Ltd., G.C.	215 St. Paul St. W., Montreal
Horner Ltd., Frank W.	950 St. Urbain St., Montreal
Institut Vaccinal de Montreal Inc.	9741 Blvd. Saint-Laurent, Montreal
Johnson & Johnson Ltd.	2155 Pius IX Blvd., Montreal
Koenisberg Chemical Co. Ltd.	3446 St. Hubert St., Montreal
La Cie de Médecine St. Bernard	304 Ste. Catherine St., Grand'Mere
Laboratoire Louvain (Reg'd)	1 Gauvreau St., Levis
Laboratoire Monphar	2395 Notre Dame St. E., Montreal
Lalonde Ltée., Henri	416 Notre Dame St. E., Montreal
Laboratoire Nadeau Limitée	100 St. Paul St. W., Montreal
Laboratoires Poulenc Frères du Canada, Ltée.	507 Fortune St., Montreal
Lambert Limitée, Dr. J.O.	2334 St. Antoine St., Montreal
Laurentian Laboratories Ltd.	560 De Courcelles St., Montreal
Massicotte Import Co.	127 West Commissioners St., Montreal
Menley & James Ltd. of Canada	420 Lagauchetière St. W., Montreal
Merck & Co. Limited	De Courcelles and Acorn Sts., Montreal
Morin & Cie Ltée., Dr. Ed.	113 Coté de la Montagne St., Quebec
Mowatt & Moore Ltd.	724 St. Antoine St., Montreal
Musterole Co., The	709 St. Paul St. W., Montreal
Pertussin Ltd.	250 Atlantic Ave., Montreal

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1932,
continued.

Name of Firm	Location of Plant
<u>QUEBEC - concluded</u>	
Pharmacie Centrale du Canada Limitée	427 St. François Xavier St., Montreal
Polson & Co. Ltd., N.C.	651 Notre Dame St. W., Montreal
Rawleigh Co. Ltd., The W. T.	4005 Richelieu St., St. Henri, Montreal
Rougier Frères Cie., Inc.	507 Fortune St., Montreal
St. Germain, Narcisse	5016 Rivard St., Montreal
Sanche, Messrs. D. & H.	1330 Sherbrooke St. W., Montreal
Sunodium Co. of Canada	8644 St. Denis St., Montreal
White & Co. Ltd., A.J.	420 Lagauchetière St. W., Montreal
Wingate Chemical Co. Ltd., The	378 St. Paul St. W., Montreal
<u>ONTARIO -</u>	
Anacin Co. Ltd.	20 Ferry St., Windsor
Antidolor Mfg. Co. Inc., The	143 Queen St., Fort Erie
Arner Co. Inc., The	Niagara, Lewis and Bridge Sts., Fort Erie N.
Bauer & Black, Ltd.	96 Spadina Ave., Toronto
Bayer Co. Ltd., The	907 Elliott St., Windsor
Bell Wonder Medicine Co., Dr.	Rear 110-112 Clarence St., Kingston
Bennett & Messecar Co. Ltd., The	Mille Roches
Biological Laboratories	181 College St., Toronto
Bisodal Co., The	907 Elliott St., Windsor
Bisurated, Inc.	66 Wellington St. W., Toronto
Bovel Mfg. Co.	40 Lewis St., Toronto
Bromo-Seltzer Ltd.	1266 Queen St. W., Toronto
Buckley Ltd., W.K.	142 Mutual St., Toronto
Canada Pharmacal Co. Ltd., The	447 Talbot St., London
Canadian Botanic Gardens	362 Princess Ave., London
Canadian Gunagathon Co. Ltd., The	750B Yonge St., Toronto
Carter Cummings & Co.	107 Duke St., Toronto
Carter Drug Co.	1560 Dundas St. W., Toronto
Caulk Co. of Canada, Ltd., The L.D.	172 John St., Toronto
Centaur Co. Ltd., The	907 Elliott St., Windsor
Connaught Laboratories	University of Toronto, and also R.R. No. 1, Downsview
Cook Laboratories	907 Elliott St., Windsor
Cressy Co., John P.	1536 Dundas St. W., Toronto
D.D.D. Co. of Canada, Ltd.	1690 Queen St. E., Toronto
Dominion Tonic Lotion Co. Ltd.	George St., Fort William
Druggists' Corporation of Canada, Ltd.	35 Britain St., Toronto
Eaton Drug Co. Ltd., The T.	190 Yonge St., Toronto
Edmanson Bates & Co. Ltd.	244 Adelaide St. W., Toronto
Elgin Chemical Co., The	693 Markham St., Toronto
Endo Medical Products Ltd.	1870 Davenport Rd., Toronto
Fleming Bros. Ltd.	424 Wellington St., Toronto
Foster Dack Co. Ltd.	337 King St. W., Toronto
Fulford Ltd., C.E.	310 Dupont St., Toronto
Galt Chemical Products Ltd.	Beverly and Kerr Sts., Galt
General Drug Co.	907 Elliott St. W., Windsor
Gray Remedy Co.	2 Breadalbane St., Toronto
Hartz Co. Ltd., The J. F.	32-34 Grenville St., Toronto
Hess and Clark Ltd.	659 Adelaide St., London

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1932.
continued.

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>ONTARIO - continued</u>	
Howard Bros. Chemical Co.	40 Jarvis St., Bridgeburg
Jamieson Co., C.E.	Walker Power Bldg., Walkerville
Jeffris, E.	442 Quebec Ave., Toronto
Karn Co. Ltd., The F.E.	415 Spadina Rd., Forest Hill
Kitchener Tonsilitis Co.	195 Lancaster St. E., Kitchener
Kotex Co. of Canada, Ltd.	554 Queen St., Niagara Falls
Latimer Ltd.	7 Widmer St., Toronto
Lavoris Chemical Co. Ltd.	92 Jarvis St., Toronto
Lewis Medicine Co., A. L.	67 Crawford Ave., Windsor
MacDonald Medicine Co.	325 King St. W., Kitchener
Mallinckrodt Chemical Works Ltd.	183 Front St. E., Toronto
Marlatt & Company Ltd., J.W.	211 Gerrard St. E., Toronto
Mentholatum Co., The	20 Lewis St., Fort Erie North
Merrill Co. Ltd., The	93½ Church St., Toronto
Milburn Co. Ltd., The T.	643 King St. W., Toronto
Mulveney's Remedies Ltd., R.L.	211 Ossington Ave., Toronto
National Mfg. Co.	265 Dundas St., London
Nicholson Laboratories	181 College St., Toronto
Northrop & Lyman Co. Ltd.	462 Wellington St. W., Toronto
Novocal Chemical Mfg. Co. of Canada, Ltd.	455 Spadina Ave., Toronto
Paris Medicine Co.	193 Spadina Ave., Toronto
Parke, Davis & Co.	Sandwich St., Walkerville
Parke & Parke Ltd.	18 Market Square, Hamilton
Penslar Co. Ltd., The	Walker Power Bldg., Walkerville
Phillips Chemical Co., Chas. H.	907 Elliott St., Windsor
Pinex Co.	424 Wellington St. W., Toronto
Pinkham Medicine Co., Lydia E.	University Ave., Cobourg
Powell Chemical Co. Ltd., The H.	38 Dundas St. E., Toronto
Rolls & Darlington Ltd.	119 Pearl St., Toronto
Rundle & Son Co. Ltd., The Geo. H.	Pitt St. and Dougal Ave., Windsor
Saunders Ltd., W.E.	186 King St., London
Scott & Bowne	64-66 Princess St., Toronto
Serva Co. of Canada, Ltd.	66 Yonge St., Richmond Hill
Shuttleworth Chemical Co. Ltd., E.B.	898 St. Clair Ave. W., Toronto
Squibbs & Sons of Canada, Ltd.	36-48 Caledonia Rd., Toronto
Stearns & Co. of Canada, Ltd., Frederick	345 Sandwich St. W., Windsor
Sterling Products	907 Elliott St., Windsor
Stott & Jury	Bowmanville
Sutcliffe & Bingham of Canada, Ltd.	81 Peter St., Toronto
Synthetic Drug Co. Ltd.	243 College St., Toronto
Templetons Ltd.	56 Colborne St. and 122 King St. W., Toronto
303 Chemical Co. Ltd.	183 Bathurst St., Toronto
Toronto Pharmacal Co. Ltd., The	20 Brockton Ave., Toronto
Troy Chemical Co.	517 Crawford St., Toronto
United Drug Co. Ltd.	68 Broadview Ave., Toronto
Vanderhoof & Co. Ltd.	627 West London St., Windsor
Vin-ose Medicine Co. Ltd.	Walkerville
Wampole & Co. Ltd., Henry K.	Perth
Warner & Co. Ltd., Wm. R.	727 King St. W., Toronto
West, Ernest P.	41 Duchess St., Toronto

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1932.
concluded.

<u>Name of Firm</u>	<u>Location of Plant</u>
<u>ONTARIO</u> - concluded	
Will & Co. Ltd., Charles R.	17 King St., London
Woolf's Dispensary Medical Association	40 Courtwright St., Fort Erie North
Wyeth & Bros. Inc., John	103 Ottawa St., Walkerville
X-it Laboratories Inc.	10 Wilson St., Perth
<u>MANITOBA</u> --	
Eaton Co. Ltd., The T.	Winnipeg
Fahrney & Sons Co., Dr. Peter	256 Stanley St., Winnipeg
Kleerex Mfg. Co.	263 Kennedy St., Winnipeg
National Drugs Ltd.	McDermot and Lydia Sts., Winnipeg
Rawleigh Co. Ltd., The W. T.	589 Henry Ave., Winnipeg
Soda Fountain Supply Co. Ltd.	187 Sutherland Ave., Winnipeg
Watkins Co., The J. R.	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. Pharmcal Co. Ltd.	329 Railway St., Vancouver
Lang's Mineral Remedies	946 Robson St., Vancouver
R. M. B. Laboratories of Canada, Ltd.	628-736 Granville St., Vancouver
Western Wholesale Drug Ltd.	456 Broadway W., Vancouver



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