

46-214 08

Historical File Copy



CANADA

DOMINION BUREAU
OF STATISTICS

NOV 5 1954

PROPERTY OF THE
LIBRARY

THE SOAPS, WASHING COMPOUNDS AND
CLEANING PREPARATIONS INDUSTRY
1953

Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-602
16-8-54

Price 25 cents

Vol. 2--Part XVI--H-1

415-24

NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50
- II—The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 25¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 25¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part XVI, Chemicals and Allied Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A—General Review, 25¢
- B—The Acids, Alkalies and Salts Industry, 25¢
- C—The Fertilizers Industry, 25¢
- D—The Fertilizer Trade in Canada, 25¢
- E—The Medicinal and Pharmaceutical Preparations Industry, 25¢
- F—The Paints, Varnishes and Lacquers Industry, 25¢
- G—The Primary Plastics Industry, 25¢
- H—The Soaps, Washing Compounds and Cleaning Preparations Industry, 25¢
- I—The Toilet Preparations Industry, 25¢
- J—The Vegetable Oils Industry, 25¢
- K—The Inks Industry, 25¢
- L—The Adhesives Industry, 25¢
- M—The Polishes and Dressings Industry, 25¢
- N—The Compressed Gases Industry, 25¢
- O—The Coal Tar Distillation Industry, 25¢
- P—The Miscellaneous Chemical Products Industry, 25¢

THE SOAPS, WASHING COMPOUNDS AND CLEANING PREPARATIONS INDUSTRY

1953

In 1953 a total of 141 factories in Canada made soaps, washing compounds or cleaning preparations as their main products. Factory shipments from these works were valued at \$89,248,823, an increase of 5.7 per cent over the \$84,461,282 reported in 1952. Employees numbered 3,824 compared with 3,756 in 1952; salaries and wages amounted to \$13,126,296 against \$12,755,324 in the previous year.

Fifty-two of the plants were engaged primarily in the manufacture of soaps, 21 being in Ontario, 16 in Quebec, 9 in British Columbia, 4 in Manitoba and 2 in Alberta. These establishments reported 3,001 workers with factory shipments valued at \$77,455,016.

Forty-three establishments made washing compounds as their main products, 18 being located in Ontario, 17 in Quebec, 4 in British Columbia, 3 in Alberta and 1 in Newfoundland. Their output was valued at \$6,400,463 and employees numbered 505. Salaries and wages paid to the latter totalled \$1,239,880. Javelle water and sodium hypochlorite were the chief products.

Forty-six establishments made cleaning preparations as their main products in 1953; 27 plants were located in Ontario, 14 in Quebec, 3 in British

Columbia and 2 in Manitoba. Factory shipments were valued at \$5,393,344; employees numbered 318 and salaries and wages paid amounted to \$845,432. The main products were cleaning powders, hand cleaners and toilet bowl cleaners.

Tables 1 to 5 and 10 to 13 of this report refer only to the Soaps, Washing Compounds and Cleaning Preparations Industry which includes the firms reporting these lines as their chief products. Small quantities of these commodities were made also by concerns which have been classified to other industrial groups, so Table 6 has been added to show total Canadian factory shipments. This table shows that the output for Canada during 1953 included the following: 19,218 tons of toilet soaps valued at \$11,227,000; 10,644 tons of bar laundry and household soaps at \$3,130,000; 10,782 tons of soap chips and flakes at \$3,944,000; 36,984 tons of soap powders at \$13,089,000; 2,195 tons of textile and mill soaps at \$551,000; 478 tons of castile soap at \$209,000; 871 tons of shaving soaps and creams at \$2,329,000; 6,209 tons of liquid soaps at \$1,403,000; 2,349 tons of soft soaps at \$474,000; cleaning and scouring powders, etc., at \$4,425,000 and javelle water valued at \$5,851,000. Factory shipments of synthetic detergents amounted to 57,312 tons valued at \$28,704,000.

TABLE 1. Principal Statistics of the Soaps, Washing Compounds and Cleaning Preparations Industry, 1949-1953

Year	Number of plants	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
			\$	\$	\$	\$
1949	143	3,637	9,373,882	963,732	31,029,359	62,398,211
1950	142	3,735	10,339,733	1,093,198	34,749,803	66,048,105
1951	130	3,742	11,506,281	1,017,930	41,757,694	73,718,714
1952	136	3,756	12,755,324	1,079,655	35,013,348	84,461,282 ¹
1953	141	3,824	13,126,296	1,194,015	38,323,494	89,248,823 ¹
Per cent change — 1953 from 1952	—	+1.8	+2.9	+10.6	+9.5	+5.7

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.

1. Factory shipments for these years. The inventory value of finished products at plant at end of 1952 amounted to \$5,284,000 and at end of 1953 to \$5,921,000.

TABLE 2. Principal Statistics, by Sub-groups¹, 1952 and 1953

Year	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Value of factory shipments
			\$	\$	\$	\$
1952						
Soaps	52	3,032	10,945,420	971,624	30,189,682	72,849,786
Cleaning preparations	40	295	760,923	46,169	2,238,030	4,763,879
Washing compounds	44	429	1,048,981	61,862	2,585,636	6,847,617
Total	136	3,756	12,755,324	1,079,655	35,013,348	84,461,282
1953						
Soaps	52	3,001	11,040,984	1,072,548	33,011,104	77,455,016
Cleaning preparations	46	318	845,432	53,594	2,551,738	5,393,344
Washing compounds	43	505	1,239,880	67,873	2,760,652	6,400,463
Total	141	3,824	13,126,296	1,194,015	38,323,494	89,248,823

1. Sub-division made on basis of principal products.

TABLE 3. Principal Statistics, by Provinces, 1952 and 1953

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Value of factory shipments
			\$	\$	\$	\$
1952						
Newfoundland	1	530	1,288,358	88,262	2,654,901	6,766,779
Quebec	45					
Ontario	63	3,091	11,192,664	971,899	31,801,468	75,987,357
Manitoba	6	28	53,728	8,423	156,248	304,088
Alberta	5	20	37,422	4,207	82,729	501,303
British Columbia	16	87	183,152	6,864	318,002	901,755
Canada	136	3,756	12,755,324	1,079,655	35,013,348	84,461,282
1953						
Newfoundland	1	534	1,379,615	94,424	2,845,672	6,447,111
Quebec	47					
Ontario	66	3,165	11,435,863	1,079,392	34,995,599	80,944,064
Manitoba	6	28	56,788	7,667	119,193	287,919
Alberta	5	18	33,161	3,374	56,325	447,161
British Columbia	16	79	220,869	8,158	306,705	1,122,568
Canada	141	3,824	13,126,296	1,194,015	38,323,494	89,248,823

TABLE 4. Products Made in the Soaps, Washing Compounds and Cleaning Preparations Industry, 1952 and 1953

Product	1952		1953	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	Pounds	\$	Pounds	\$
Hard soaps:				
Bar laundry and household soaps (except sold to textile mills):				
(a) Yellow	16,660,017	2,419,586	14,952,094	2,116,538
(b) White	7,048,886	1,159,674	6,334,851	1,013,409
Soap chips and flakes:				
(a) In household packages	9,356,390	2,369,751	9,962,465	2,744,312
(b) In bulk (except textile and mill)	11,352,511	1,355,186	11,600,905	1,200,183
Textile and mill soaps, all forms	4,463,646	555,073	3,979,567	486,851
Toilet soaps (except liquid)	33,336,213	9,155,553	33,694,282	9,723,967
Polishing and scouring soaps	125,718	23,020	91,277	9,957
Castile soaps:				
(a) Boiled	812,535	155,569	356,671	68,635
(b) Cold process	558,447	115,295	599,458	140,454
Soap powders:				
(a) In household packages	75,787,406	15,179,859	63,338,405	11,782,006
(b) In bulk (except textile and mill)	11,250,932	1,516,480	10,604,450	1,303,167
Shaving soaps:				
(a) Creams (including brushless)	681,772	1,061,920	614,439	1,015,041
(b) All others	198,412	187,297	344,762	308,163
All other hard soaps	1,831,927	188,945	739,930	71,356
Liquid soaps	6,478,509	843,817	6,119,127	814,785
Soft soaps	2,328,422	253,722	3,249,389	328,556
All other soaps	43,534	6,349	403,156	60,168
Total soaps	182,315,277	36,547,196	166,985,228	33,187,548
Cleaning preparations:				
Ammonia powder	1,081,042	93,436	1,022,370	84,173
Chloride of lime	689,878	73,957	516,441	76,152
Detergents, synthetic	83,819,887	20,772,186	110,347,478	27,996,821
Mechanics' hand soaps and pastes	2,602,603	409,668	2,879,722	416,312
Javelle water or sodium hypochlorite	—	6,360,880	—	5,848,069
Sal soda	444,243	8,297	463,900	11,809
Other washing compounds	—	400,493	—	395,306
Scouring powders, pastes and cakes	35,385,560	3,777,993	36,174,310	4,383,452
Toilet bowl cleaner, including toilet flush	1,941,797	167,410	2,028,258	179,682
Drain pipe cleaner	209,694	27,296	145,390	28,993
Other cleaning preparations:				
Household and laundry, including lye	—	28,561	—	207,411
Industrial and other	3,976,899	592,060	4,900,743	762,385
Glycerine, crude, sold as such ¹	3,697,438	847,007	1,633,575	465,788
Glycerine, refined:				
B.P. and U.S.P. grade	3,535,130	1,489,670	4,218,053	1,944,912
Dynamite grade	3,132,640	947,439	2,563,467	1,026,202
Other grades	2,536,499	848,588	2,845,699	1,231,149
Toilet preparations	—	8,938,575	—	8,381,849
All other products ²	—	2,130,576	—	2,620,810
Total all products	—	84,461,282	—	89,248,823

Note. Data given in this table are for the Soaps, Washing Compounds and Cleaning Preparations Industry and represent only the production of the firms classified to this group. The figures for the individual commodities do not necessarily represent the total output for Canada as these items may have been produced also by concerns which have been classified to other industrial groups. (See Table 6).

1. Some of the crude glycerine was sold to refiners in this industry and therefore appears again in the figures for refined glycerine.

2. Includes data for textile softeners, floorwax, insecticides and other such miscellaneous items.

TABLE 5. Materials Used in the Soaps, Washing Compounds and Cleaning Preparations Industry, 1952 and 1953

Material	Unit of measure	1952		1953	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Acid, cresylic	lb.	98,925	16,577	127,629	17,215
Acid, oleic	"	386,560	50,036	344,414	43,449
Acid, stearic	"	258,190	36,620	322,123	40,827
Acids, fatty, other	"	627,024	62,080	631,617	59,781
Acid, hydrochloric (muriatic) 20° Be	"	397,156	15,629	351,414	12,805
Acid, sulphuric, including oleum (as 100% acid)	"	17,435,947	254,905	20,880,333	318,549
Aluminum sulphate (alum)	"	191,217	4,576	167,242	3,901
Ammonium sulphate	"	182,830	7,520	165,661	5,988
Bentonite (filtrol, Pembina, etc.)	ton	726	61,104	739	59,656
Carbon tetrachloride	lb.	197,211	24,151	29,900	3,158
Chalk, ground	"	118,000	773	124,080	796
Chalk, precipitated	"	86,581	5,111	104,915	6,003
Chloride of lime	"	1,718,559	68,696	1,893,696	81,788
Chlorophyllins	—	—	59,829	—	28,131
Ethyl alcohol	Imp. gal.	29,918	45,005	30,871	36,927
Feldspar:					
Crude	ton	1,008	15,893	969	16,814
Ground	"	1,807	26,678	1,568	22,095
Foots (cottonseed, olive, etc.)	lb.	6,034,213	290,008	3,521,125	213,270
Fuller's earth	ton	322	16,795	290	11,058
Glycerine, crude	lb.	1,704,275	421,155	3,563,766	1,085,943
Glycerine, refined	"	16,051	7,129	79,020	36,944
Isopropyl alcohol	lb.	10,240	1,240	19,765	2,071
Javelle concentrate or sodium hypochlorite, for dilution	—	—	72,559	—	57,770
Lanolin	lb.	12,679	6,130	21,075	9,384
Liquid chlorine (99% pure)	lb.	6,385,904	261,867	6,659,727	261,008
Oils:					
Cocconut	lb.	18,672,046	2,204,665	15,986,795	2,488,906
Essential	—	—	1,135,095	—	1,133,566
Fish	lb.	87,676	9,461	28,937	3,603
Linseed	Imp. gal.	30,985	58,947	16,382	27,739
Olive	lb.	57,000	15,984	60,119	17,888
Palm	"	120,530	16,373	126,605	13,296
Palm kernel	lb.	—	—	614,675	91,444
Soya bean	"	144,882	18,995	57,035	7,916
Tall	"	300,141	26,057	202,442	15,893
Other oils	"	227,096	25,789	689,275	86,888
Paradichlorobenzene	"	519,447	88,218	494,520	64,300
Perfumes	—	—	292,655	—	242,303
Potassium hydroxide (caustic potash)	lb.	1,172,867	89,726	1,180,101	82,065
Resin	"	525,506	49,105	506,479	47,484
Silica sand	ton	8,146	241,018	9,186	298,047
Sodium carbonate (soda ash)	lb.	10,929,427	235,659	9,763,790	213,677
Sodium carboxymethylcellulose	"	605,426	128,932	963,812	198,414
Sodium hydroxide (caustic soda)	"	38,243,151	1,326,081	39,234,503	1,419,022
Sodium chloride (common salt)	"	4,552,892	30,918	4,537,281	32,359
Sodium silicate (water glass) 40°	"	32,212,874	486,727	29,148,537	462,834
Sodium tripolyphosphate	"	23,668,827	2,343,095	34,442,574	3,385,366
Talc	ton	206	8,857	81	4,452
Tallow, grease and other soap stocks	lb.	98,176,192	5,955,789	92,291,344	4,156,922
Tetrasodium pyrophosphate	"	13,341,398	1,260,217	17,494,321	1,644,810
Trichlorethylene	"	221,381	25,111	112,569	13,281
Triethanolamine	"	63,459	21,339	58,074	17,406
Trisodium phosphate	"	6,763,307	374,592	4,989,840	271,528
Wax:					
Beeswax	lb.	3,649	2,688	3,337	3,035
Carnauba	"	116,605	92,444	125,074	133,271
Paraffin	"	25,561	3,036	22,466	2,590
Other waxes	"	23,675	24,297	37,255	9,204
All other materials	—	—	5,303,101	—	6,725,673
Containers, etc.	—	—	11,286,311	—	12,572,981
Total	—	—	35,013,348	—	38,323,494

TABLE 6. Factory Shipments of Soaps, Washing Compounds and Cleaning Preparations, 1952 and 1953

Item	1952		1953	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	Pounds	\$	Pounds	\$
Hard Soaps:				
Bar laundry and household soaps:				
(a) Yellow	16,660,000	2,420,000	14,952,000	2,117,000
(b) White	7,049,000	1,160,000	6,335,000	1,013,000
Soap chips and flakes:				
(a) In household packages	9,356,000	2,370,000	9,962,000	2,744,000
(b) In bulk (except textile and mill)	11,353,000	1,355,000	11,601,000	1,200,000
Textile and mill soaps (including soap chips and flakes) ¹	5,019,000	656,000	4,389,000	551,000
Toilet soaps (except liquid).....	37,085,000	10,353,000	38,436,000	11,227,000
Polishing and scouring soaps	126,000	23,000	91,000	10,000
Castile soaps:				
(a) Boiled	813,000	156,000	357,000	69,000
(b) Cold process	558,000	115,000	599,000	140,000
Soap powders:				
(a) In household packages	75,787,000	15,180,000	63,338,000	11,782,000
(b) In bulk	11,288,000	1,522,000	10,630,000	1,307,000
Shaving soaps:				
(a) Creams:				
Lather type	962,000	1,394,000	1,007,000	1,500,000
Brushless type.....	374,000	385,000	427,000	433,000
(b) All other	292,000	395,000	307,000	396,000
All other hard soaps	1,895,000	197,000	740,000	71,000
Liquid soaps	11,604,000	1,307,000	12,417,000	1,403,000
Soft soaps	4,003,000	453,000	4,697,000	474,000
All other soaps	1,866,000	234,000	1,403,000	192,000
Total soaps	196,090,000	39,675,000	181,688,000	36,629,000
Ammonia powder	1,915,000	170,000	1,732,000	148,000
Javelle water	—	6,367,000	—	5,851,000
Other washing compounds	—	744,000	—	761,000
Mechanics' hand soaps and pastes	3,672,000	537,000	4,444,000	652,000
Cleaning or scouring powders, pastes and cakes	35,671,000	3,823,000	36,449,000	4,425,000
Toilet bowl cleaner, including toilet flush	2,245,000	216,000	2,425,000	243,000
Drain pipe cleaner	1,036,000	200,000	462,000	119,000
Other cleaning preparations, including lye	—	3,153,000	—	3,583,000
Sal soda	4,162,000	127,000	3,762,000	129,000
Chloride of lime	690,000	74,000	516,000	76,000
Glycerine, crude ²	4,526,000	1,057,000	2,779,000	801,000
Glycerine, refined:				
B.P. and U.S.P. grade	3,535,000	1,490,000	4,218,000	1,945,000
Dynamite grade.....	3,133,000	947,000	2,563,000	1,026,000
Other grades	2,536,000	849,000	2,846,000	1,231,000
Synthetic detergents	86,743,000	21,382,000	114,624,000	28,704,000

Note. The above figures represent the total Canadian production of the commodities listed, regardless of the industries in which produced.

1. Includes some liquid and soft soaps.

2. Some of the crude glycerine production was sold to refiners in this industry and appears again in the figures for refined glycerine.

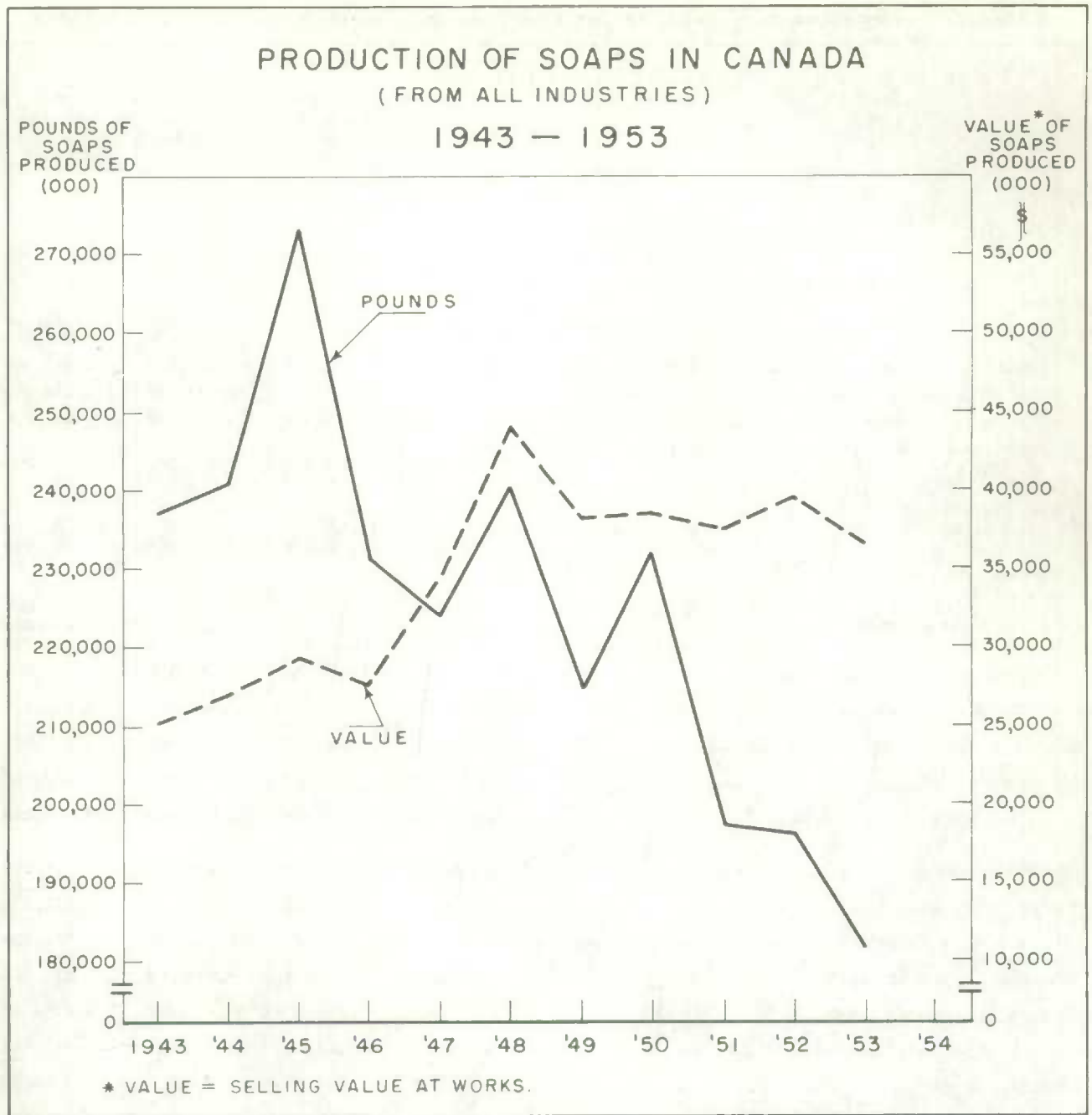


TABLE 7. Production¹ of Soaps, From All Industries, 1944-1953

Year	Pounds	Selling value at works	Year	Pounds	Selling value at works
		\$			\$
1944	241,096,000	26,963,000	1949	214,634,000	38,237,000
1945	273,292,000	29,337,000	1950	231,894,000	38,656,000
1946	231,593,000	27,527,000	1951	197,221,000	37,674,000
1947	223,912,000	34,529,000	1952	196,090,000	39,675,000
1948	240,328,000	44,045,000	1953	181,688,000	36,629,000

Note: Figures in Table 7 represent the total Canadian production of soaps, regardless of the industries in which produced.

1. Factory shipments since 1952.

TABLE 8. Total Production¹ of Synthetic Detergents, From All Industries, 1948-1953

Year	Pounds	Selling value at works
		\$
1948	35,012,000	7,738,000
1949	37,223,000	7,784,000
1950	51,753,000	9,101,000
1951	69,929,000	13,317,000
1952	86,743,000	21,382,000
1953	114,624,000	28,704,000

1. Factory shipments since 1952.

TABLE 9. Imports and Exports of Soaps, 1952 and 1953

	1952		1953	
	Pounds	\$	Pounds	\$
(a) Imports:				
Castile soap	61,757	14,783	46,440	11,930
Common or laundry soap	1,870,190	224,947	1,229,484	149,055
Liquid soap	231,381	46,676	815,057	178,421
Soap powders and powdered soap.....	3,057,997	301,247	3,490,276	326,254
Toilet soap	—	128,479	—	190,494
Whale oil soap.....	41,888	4,813	50,100	5,432
Soap, other, including pumice, silver and mineral soaps, sapolio, etc.	—	79,957	—	83,731
Total imports	—	800,902	—	945,317
(b) Exports:				
Toilet soap	81,610	20,604	88,077	20,693
Soap flakes and powders	31,480	4,963	32,078	4,222
Soap, other	132,825	13,636	116,213	17,729
Total exports	—	39,203	—	42,644

TABLE 10. Employees, Salaries and Wages in the Soaps, Washing Compounds and Cleaning Preparations Industry, by Provinces, 1952 and 1953

Province	Number of employees					Total	Salaries	Wages	Total salaries and wages
	On salaries		On wages						
	Male	Female	Male	Female					
						\$	\$	\$	
1952									
Newfoundland	142	72	274	42	530	648,091	640,267	1,288,358	
Quebec									
Ontario	836	485	1,409	361	3,091	4,956,746	6,235,918	11,192,664	
Manitoba	6	4	17	1	28	20,508	33,220	53,728	
Alberta	5	1	8	6	20	9,880	27,542	37,422	
British Columbia	24	4	42	17	87	89,824	93,328	183,152	
Canada	1,013	566	1,750	427	3,756	5,725,049	7,030,275	12,755,324	
1953									
Newfoundland	138	72	281	43	534	681,530	698,085	1,379,615	
Quebec									
Ontario	888	518	1,422	337	3,165	5,186,132	6,249,731	11,435,863	
Manitoba	7	3	17	1	28	23,696	33,092	56,788	
Alberta	5	—	7	6	18	9,390	23,771	33,161	
British Columbia	23	4	40	12	79	105,377	115,492	220,869	
Canada	1,061	597	1,767	399	3,824	6,006,125	7,120,171	13,126,296	

TABLE 11. Capital and Repair Expenditures in the Soaps, Washing Compounds and Cleaning Preparations Industry, 1949-1953

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
				\$'000			
1949	1,694	5,921	7,615	191	931	1,122	8,737
1950	1,273	3,184	4,457	193	1,057	1,250	5,707
1951	992	2,379	3,371	279	1,133	1,412	4,783
1952	890	2,436	3,326	241	1,287	1,528	4,854
1953 ¹	1,275	1,562	2,837	255	1,377	1,632	4,469

1. Preliminary.

TABLE 12. Fuel and Electricity Used¹ in the Soaps, Washing Compounds and Cleaning Preparations Industry, 1948 and 1953

Kind	Unit of measure	1948		1953	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal:					
Canadian	ton	1,004	11,515	1,315	14,595
Imported	"	61,591	569,870	55,092	528,941
Sub-bituminous coal (from Alberta mines only)	"	32	192	121	1,263
Anthracite coal	"	180	3,327	673	9,215
Lignite coal	"	842	5,338	301	1,976
Coke	"	16	286	—	—
Gasoline	Imp. gal.	111,617	40,403	119,097	46,838
Kerosene	"	2,895	501	270	61
Fuel oil	"	926,521	133,527	1,235,171	160,107
Gas:					
Liquefied petroleum gases (propane, etc.)	Imp. gal.	2	2	94,900	19,508
Manufactured	M cu. ft.	2,565	2,518	1,140	1,235
Natural	M cu. ft.	1,626	1,191	6,162	2,212
Wood	cord	82	799	13	134
Other fuel	—	—	3,506	—	80,000
Electricity purchased	k.w.h.	14,919,807	122,366	32,640,455	327,930
Total	—	—	895,339	—	1,194,015

1. Details shown in Tables 12 and 13 are collected only every five years; accordingly, data for intervening years are not available.

2. Not available separately.

TABLE 13. Power Equipment¹, 1948 and 1953

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
1948				
Steam engines and steam turbines	21	919	—	—
Gasoline engines	2	28	—	—
Hydraulic turbines or water-wheels	—	—	—	—
Total primary	23	947		
Electric motors operated by purchased power	2,570	11,316	257	1,030
Total	2,593	12,263	257	1,030
Stationary power boilers	19	4,837	1	580
Motor-generator sets	8	179 k.v.a.	2	44 k.v.a.
1953				
Steam engines and steam turbines	7	593	3	50
Gasoline engines	—	—	—	—
Hydraulic turbines or water-wheels	—	—	—	—
Total primary	7	593	3	50
Electric motors operated by purchased power	4,674	17,211	437	1,848
Total	4,681	17,804	440	1,898
Stationary power boilers	11	3,954	3	905
Motor-generator sets	20	3,324 k.v.a.	1	295 k.v.a.

1. See footnote to Table 12.

Directory of Firms Included in the Soaps, Washing Compounds and Cleaning Preparations Industry,
1953

Name of firm	Location of plant
(a) Soaps	
Quebec:	
Best Kosher Products	273 Laurier Ave. W., Montreal
Canadian Soap & Chemical Co. Ltd.	1361 Notre Dame E., Montreal
Castle Chemical Co, Reg'd.	1425 Bishop St., Montreal
Darling and Brady, Limited.	1971 Richardson St., Montreal
Economic Products Ltd.	6508 Durocher Ave., Outremont
Johnston, H.R.	1222 Dominion Ave., Sherbrooke
Laboratoire Rubigo Ltée	1831 Lajoie, Three Rivers
Maheux, Alphonse, Enrg.	478 St. Vallier St., Quebec
Rowe, Robert, Company Inc.	1977 Grand Trunk St., Montreal
Savon Campeau Inc.	5655 Papineau, Montreal
Savon Majestic, Ltée	1853 Moreau St., Montreal
Savonnerie Bourbeau, Inc., La	345, rue Dorchester, Québec
Seward Soap Company Ltd., The	No. 1 Maple Ave., Lachine
Spécialités Economiques Enrg.	170-8 ^e rue, Québec
Williams, J.B., Co. (Canada) Limited, The	9471 La Salle Blvd., Ville La Salle
Wood, G.H., & Company Limited	4000 Namur St., Montreal
Ontario:	
Acme Chemical Products	229 Niagara St., Toronto
Atlantic Manford Chemical Co.	14 Verral Ave., Toronto
Canada Packers Limited	521 Front St. E., Toronto
Chemical Developments of Canada Ltd.	Langford Mills
Colgate-Palmolive Limited	64 Colgate Ave., Toronto
Fairbanks Soap Co, Limited	353 Eastern Ave., Toronto
Huntington Laboratories, Ltd.	72 Duchess St., Toronto
Jackson's Products	Kingston
Leeds Soaps Limited	27 Newcastle St., Mimico
Lever Brothers Limited	299 Eastern Ave., Toronto
London Soap Co. Ltd., The	197-205 South St., London
McKague Chemical Company Ltd.	1119A Yonge St., Toronto
Malone Oil Company Ltd.	95 E. Don Roadway, Toronto
McGillivray, A., Chemicals Ltd.	Paris
Mercury Chemical Co. Ltd.	457 Sandwich St. E., Windsor
Page Brothers Products Limited	Sheard Ave., Brampton
Procter & Gamble Co. of Canada Ltd., The	Burlington St. E., Hamilton
Standard Soaps Limited	Albion Rd., Toronto
Taylor Soaps-Perfumes Ltd.	84 Front St. E., Toronto
Wonderful Soap Company, Limited	16 Waterloo St., Guelph
Wood, G.H., & Company, Limited	Queensway, Toronto 14
Manitoba:	
Beaver Soaps Ltd.	1377 Winnipeg Ave., Winnipeg
Empire Soap Co. Ltd.	594 Des Meurons Ave., St. Boniface
Northern Soap Company Ltd., The	394 Gertrude Ave., Winnipeg
Swano Soap Company	598 Washington Ave., East Kildonan
Alberta:	
Berry Soap Company	9840-61st Ave., Edmonton
Soapone Product Limited	12734-63rd St., Edmonton
British Columbia:	
Amberine Products Ltd.	717 Aldebury St., Victoria
Canada Grease Works Limited	1106 Boundry Rd., Vancouver
Kavanagh Soap Co. Ltd.	1st St. & Fell Ave., North Vancouver
Nicol, George, Oil Supply Co.	123 East Cordova St., Vancouver
Renton Distributors Limited	550 Beatty St., Vancouver
Savo-Lite Soap Co.	1530 Hastings St. E., Vancouver
Superior Soaps & Sundries Ltd.	210 Commercial Drive, Vancouver
Western Soap Company	1814 Pandora St., Vancouver
Zero Manufacturing Co. Ltd.	533 Johnston St., Victoria

Directory of Firms Included in the Soaps, Washing Compounds and Cleaning Preparations Industry,
1953 - Continued

Name of firm	Location of plant
(b) Washing Compounds	
Newfoundland:	
G. & G. Javel Water	131 Broadway, Corner Brook West
Quebec:	
American Javel Water Co.	1877 Favard, Montreal
Chanteclerc Ltée	85, ave des Epinettes, Québec
Cowan, John, Chemical Co. Ltd.	9 Dalhousie St., Montreal
Dominion Tar & Chemical Co. Ltd.	6501 Durocher Ave., Montreal
Eau de Javelle Marquise Enrg.	1935 D'Assise, Québec
Eau de Javelle Supreme	4039, rue Newmarch, Verdun
Fleur de Lys et Inter-nationale	229, rue Bagot, Québec
Fyon & Fyon Ltd.	5357 Papineau Ave., Montreal
Groulx & Robertson Inc.	7375 St. Andre St., Montreal
Javellex Co.	374 Lariviere, Rouyn
Jumbo Javel Water Enrg.	440 Galt, Verdun
Lavasseur, Raoul	Asbestos
Lavo Javel Water Company Limited	1880 Chambly, Montreal
L'Eau de Javel Canadienne Nationale	21, rue Troy, Verdun
Rivest, Joseph	11 Theodore, Valley Field
Tollier, James, Ltd.	421 St. Dizier St., Montreal
Vita Lava Enrg.	537 - 7th St., Quebec
Ontario:	
Atlas Chemical Co. Ltd.	38 McGee St., Toronto
Dick, A.	First Ave. N., Welland
Dominion Tar & Chemical Co. Ltd.	99 Vandeerhoof Ave., Leaside
Klean-ez Co.	2176 McDougall, Windsor
Mack's Laundry Specialty Co.	Almonte
Magic White Limited	187 Parliament St., Toronto
Marvelo Chemicals Ltd.	836 Pape Ave., Toronto
Marvelene Co.	10 East Ave. N., Hamilton
Numite Products Limited	Cottom
Premier Javelle Water Reg'd.	92 Clarence St., Ottawa
Premier Products Javel Water	56 St. Helens, Toronto
Sani Bleach Co.	53 Robert St., Hamilton
Sanitary Products Limited	268 Ontario St., Toronto
Snow White Sales	8 Market Lane, Welland
Steril Products	2353 Moy, Windsor
Sunox Chemical Co. Ltd.	824 East Main St., Welland
Sunshine Bleach	276 Main St. W., Hamilton
X-L Chemical Company	Rear 101 Christie St., Toronto
Alberta:	
Perfex Limited	Medicine Hat
Savage's Products	1114 - 8th St. E., Calgary
Veteran Chemicals	10530 - 102nd St., Edmonton
British Columbia:	
Dominion Tar & Chemical Co. Ltd.	Stewart & Victoria Drive, Vancouver
Drel Products	1311 West 22nd Ave., North Vancouver
Perfex Limited	3470 Commercial Drive, Vancouver
Products of Cedar Cottage Ltd.	1599 Venables, Vancouver



1010650296

CHEMICALS AND ALLIED PRODUCTS

Directory of Firms Included in the Soaps, Washing Compounds and Cleaning Preparations Industry,
1953 - Concluded

Name of firm	Location of plant
(c) Cleaning Preparations	
Quebec:	
Bon Ami, Limited	13719 Notre Dame St. E., Montreal
Canadian Permag Products Limited.....	300 Arran Ave., Montreal
Chadwick & Co. Ltd.	1445 Closse, Montreal
Chicoutimi Chemicals	48½ Bosse, Chicoutimi
Douglas Chemical Company Limited	5625 St. Andre St., Montreal
Easy Off Mfg. Co.	60A rear, 2nd St., Iberville
Hart Products Reg'd.	429 St. James St. W., Montreal
La Cie des Produits Vitex	6918 Querbes, Montreal
Les Produits M.C. & Nor-Do.....	4278 Iberville, Montreal
Magnus Chemicals Ltd.	4040 Masson St., Montreal
Mus-Hav-Cleanser Co.	1108 Robin, Montreal
Purssell, Chas., Reg'd.	165 Mt. Vernon Ave. S., Ville St. Pierre
Snap Company Limited.....	2715 Readings St., Montreal
United Chemical Company Limited	3830 St. Ambroise St., Montreal
Ontario:	
Alpha Chemical Company, The.....	Cor. Webber & Breithaupt Sts., Kitchener
Canadian Sanitary Supplies Ltd.	107 Victoria Ave. N., Hamilton
Chamberlain Desolvo Company	522 Hamilton Road, London
Chemical By-Products Ltd.	8 Ripley Rd., Toronto
Crystalline Chemical Company	Myrtle Ave., Aylmer
Cudahy Packing Co., The	44 Clayson Rd., Weston
Delta Chemicals Ltd.	46 Elgin St., Brantford
Diamond Cleanser & Soaps	120-26th St., Long Branch
Diversey Corporation (Canada) Ltd.	Port Credit
Douglas-Hogarth Co.	R.R. No. 5, Brantford
Duncan Products.....	367 Sorauren Ave., Toronto
Easy Way Products.....	32 Winnett St., Woodstock
Empire Chemical Co.	113 Leicester St., Toronto
Eze Manufacturing Company Limited.....	253 Huron St., Toronto
Fibre Soap Company.....	Bolton
Lavoline Cleanser Limited	505 Eastern Ave., Toronto
Leaist, F.C., Products	20 Duncan St. S., Hamilton
Luster-Sheen Laboratories	Wentworth St. N., Hamilton
Nelson, H.C., Chemicals Limited	1426 Windsor Ave., Windsor
Nymoc Products Company	68 Lombard St., Toronto
Ontario Chemicals Limited	51 Clarkson Ave., Toronto
Phil-Penn Products	195 Ann St., London
Russell Chemical Co. Ltd., The	Fort Erie
S.O.S. Mfg. Co. of Canada Ltd.	35 Hanna Ave., Toronto
Swift Canadian Co. Limited	1960 St. Clair Ave. W., Toronto
Vix Products Company.....	1057 Felix Ave., Windsor
Whitehouse Soaps & Chemicals	2001 Eglinton Ave. E., Geco P.O.
Manitoba:	
McKellar, E., Supplies.....	875 Bannock St., Winnipeg
Ross Sales Ltd.	1098 Selkirk Ave., Winnipeg
British Columbia:	
Chase-It Mfg. Co. Ltd.	2130 Yew St., Vancouver
Kleen Craft Manufacturing Co.	1010 Clark Drive, Vancouver
Shaw, J.H.W.	1736 Brentwood, New Westminster