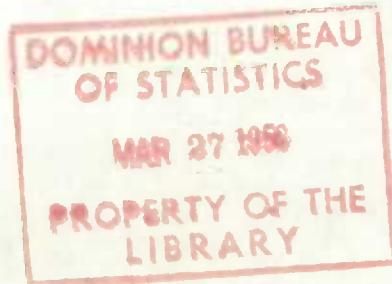


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THE DYEING AND FINISHING OF TEXTILE GOODS INDUSTRY

1954



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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 — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
- X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part VII, Textile Mills. 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 Cotton Textile Industries, 25¢
- C — The Wool Textile Industries, 25¢
- D — The Synthetic Textiles and Silk Industry, 25¢
- E — The Narrow Fabrics Industry, 25¢
- F — The Dyeing and Finishing of Textile Goods Industry, 25¢
- G — The Awning, Tent and Sail Industry, 25¢
- H — The Cordage, Rope and Twine Industry, 25¢
- I — The Cotton and Jute Bag Industry, 25¢
- J — The Miscellaneous Textiles Industries, 25¢

THE DYEING AND FINISHING OF TEXTILE GOODS INDUSTRY

1954

This industry is comprised of only those establishments whose occupation is primarily the dyeing and finishing of textile goods. It does not include manufacturers who operate a dyeing and finishing plant or department in connection with their own manufacturing operations.

Reflecting the lessened activity of the primary textile industry with whose fortunes its success is linked, the dyeing and finishing of textile goods industry reported a reduced level of operations in 1954. The value of work performed amounted to \$11,631,538, down 11 per cent from the preceding year's \$13,104,552. The number of employees declined by 14 per cent, to 1940 in 1954 from 2,255 in 1953, and salary and wage payments by 12 per cent, to \$5,403,283 from \$6,153,225. Materials used in manufacture cost \$3,029,934 in the later year compared with \$3,165,944 in the earlier. There were 3 less establishments in the year under review.

Dyeing and finishing of textile fabrics is the industry's major activity and in 1954 accounted for \$7,033,974 or 60 per cent of total value of work performed. Printing and painting on textile fabrics amounted to \$1,677,414 or 14 per cent. Other activities include dyeing, finishing and mercerizing of yarns, rubberizing and waterproofing fabrics, bleaching, shrinking, sponging, etc.

The industry is confined to Ontario and Quebec. In 1954 there were 16 and 37 establishments respectively in the two provinces. As indicated by the number of establishments, Quebec dominated the industry with value of work performed amounting to \$9,411,638 or 81 per cent of the total and with employees numbering 1,539 or 79 per cent of all persons employed.

Beginning with 1954 information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. This data was formerly collected by a separate survey. The summarized results for the dyeing and finishing of textile goods industry for the year under review will be found in Table 2.

THE TEXTILE INDUSTRIES

TABLE 1. Principal Statistics, Representative Years, 1929 to 1954

Year and province	Estab-	Employees	Salaries	Cost at	Cost at	Value	Gross value
	lish-		wages	factory of	factory of	added by	of work
	No.	No.	\$	\$	\$	\$	\$
1929	17	967	1,021,752	246,548	1,053,505	2,217,454	3,517,507
1932	19	762	804,100	171,971	619,662	1,745,715	2,537,348
1935	23	997	1,008,600	241,801	1,560,868	2,202,065	4,004,734
1937	26	1,071	1,019,391	231,610	1,535,898	2,026,808	3,794,316
1938	25	980	958,698	220,644	1,208,261	1,901,375	3,330,280
1939	26	1,082	1,150,668	244,037	1,667,878	2,015,553	3,927,468
1940	28	1,210	1,379,114	294,600	2,010,841	2,579,597	4,885,038
1941	29	1,587	1,919,906	414,376	3,226,086	3,596,856	7,237,318
1942	42	1,693	2,274,715	467,198	2,799,331	4,830,037	8,096,566
1943	40	1,656	2,446,760	517,124	2,981,932	5,509,861	9,008,917
1944	40	1,667	2,516,012	547,036	1,266,430	5,137,881	6,951,347
1945	40	1,922	2,923,684	552,334	1,581,984	6,196,990	8,331,308
1946	41	2,188	3,409,389	630,598	1,790,674	6,785,972	9,207,244
1947	44	2,418	4,504,975	813,788	2,156,938	7,513,908	10,484,634
1948	45	2,713	5,518,371	1,019,954	2,546,670	9,252,313	12,818,937
1949	47	2,511	5,347,344	877,333	2,606,844	9,274,711	12,758,888
1950	46	2,459	5,481,251	910,531	2,974,977	8,468,122	12,353,630
1951	52	2,462	5,997,036	927,441	3,492,222	9,710,233	14,129,896
1952	50	2,331	5,965,882	957,133	3,749,848	9,899,623	14,606,604
1953							
Canada	56	2,255	6,153,225	844,294	3,165,944	9,094,314	13,104,552
Ontario	16	474	1,339,902	133,275	408,384	2,317,729	2,859,388
Quebec	40	1,781	4,813,323	711,019	2,757,560	6,776,585	10,245,164
1954							
Canada	53	1,940	5,403,283	735,071	3,029,934	7,866,533	11,631,538
Ontario	16	401	1,115,559	75,765	460,838	1,683,297	2,219,900
Quebec	37	1,539	4,287,724	659,306	2,569,096	6,183,236	9,411,638

In 1944 a change was made in the method of compiling the value of materials used and the value of work performed. In that and all subsequent years, the value of materials purchased on own account

has been eliminated from both the value of materials used as well as the products made, the amount received for processing such materials only being considered as the value of products made.

TABLE 2. Inventories¹, 1954

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Quebec	725,119	113,881	12,403	851,403
Ontario	121,211	20,377	90,702	232,290
Canada	846,330	134,258	103,105	1,083,693
Closing:				
Quebec	598,050	110,142	35,056	743,248
Ontario	112,649	25,925	78,225	216,799
Canada	710,699	136,067	113,281	960,047

1. Book value of all manufacturing inventories held at plant and plant warehouses.

TABLE 3. Value of Work Performed, 1953 and 1954

Principal items	1953	1954
	Value at plant	Value at plant
Dyeing and finishing textile fabrics	\$ 8,050,298	7,033,974
Dyeing, finishing and mercerizing of yarns	473,436	597,849
Printing and painting on textile fabrics	1,716,324	1,677,414
Dyeing and finishing of other products	883,004	588,877
Rubberizing, mercerizing and waterproofing fabrics	419,919	263,533
Bleaching, shrinking, sponging and all other work	1,561,571	1,469,891
Total value of work performed	13,104,552	11,631,538

TABLE 4. Materials Used, 1953 and 1954

Principal materials	Unit of measure	1953		1954	
		Quantity	Cost value at plant	Quantity	Cost value at plant
Aniline and other dyes:			\$		\$
Sulphur colours	pound	53,795	71,488	46,545	56,784
Direct colours	"	180,178	329,217	229,344	417,433
Indirect colours	"	51,268	114,892	30,948	89,778
Acid or basic colours	"	48,064	83,265	85,549	129,992
Colours used in printing	"	52,292	127,066	27,577	106,339
Other colours and dyes	"	160,164	286,188	63,821	122,602
Alum	"	64,094	2,129	—	—
Epsom salts	"			18,475	658
Common salt	"	3,587,978	44,547	3,541,843	42,494
Glauber's salt	"	1,016,154	27,081	774,650	23,713
Soda ash	"	374,013	13,315	363,934	10,447
Washing soda	"	45,830	1,612	815,212	209,132
Soaps	"	693,264	152,212		
Starch	"	34,891	3,762	64,020	15,653
Other weighting materials	—	—	17,484	—	346,660
Liquid ammonia	pound	202,544	14,486	91,752	14,481
Liquid chlorine	"	56,101	6,057		
Gasoline and benzine	gallon	2,499	1,058	2,022	1,864
Alcohol	prf. gal.	9,318	9,454	1,385	2,291
Hydrogen peroxide	pound	262,427	56,628	251,948	56,977
Sulphuric acid 66° Bé	"	179,068	5,212	142,955	4,726
Acetic acid	"	268,725	26,698	193,839	21,412
Formic acid	"	59,408	10,010	30,444	7,400
Muriatic acid	"	181,812	8,088	124,628	5,794
Sulphonated oils	"	91,510	29,125	33,915	9,584
Carbon Tetrachloride	"	29,204	3,951	1	1
Tin Tetrachloride	"	1	1	1	1
Trisodium phosphate	"	49,482	4,925	48,683	5,603
Naphtha	gallon	1	1	52,936	16,168
Caustic soda	pound	178,854	13,427	111,384	7,253
Other chemicals, not specified	—	—	920,381	—	421,466
Rubberizing materials	—	—	25,350	—	717,587
All other materials	—	—	550,924	—	
Packing and shipping materials	—	—	205,912	—	165,643
Total cost of materials used	—	—	3,165,944	—	3,029,934

1. Included in "Other chemicals, not specified".

THE TEXTILE INDUSTRIES

TABLE 5. Employees and their Earnings, by Provinces, 1953 and 1954

	Average number						Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total	
	Male	Female	Male	Female					
	Number					\$	\$	\$	
1953									
Quebec	267	82	1,284	148	1,781	1,353,427	3,459,896	4,813,323	
Ontario	44	29	310	91	474	289,461	1,050,441	1,339,902	
Canada	311	111	1,594	239	2,235	1,642,888	4,510,337	6,153,225	
1954									
Quebec	254	70	1,081	134	1,539	1,272,443	3,015,281	4,287,724	
Ontario	61	25	265	50	401	252,787	862,772	1,115,559	
Canada	315	95	1,346	184	1,940	1,525,230	3,878,053	5,403,283	

TABLE 6. Production workers, by Months, 1953 and 1954

Months	1953			1954		
	Male	Female	Total	Male	Female	Total
Number						
January	1,715	251	1,966	1,479	215	1,694
February	1,713	254	1,967	1,441	207	1,648
March	1,723	250	1,973	1,425	196	1,621
April	1,687	244	1,931	1,351	162	1,513
May	1,579	238	1,817	1,217	156	1,373
June	1,562	221	1,783	1,218	158	1,376
July	1,519	217	1,736	1,260	169	1,429
August	1,551	231	1,782	1,272	180	1,452
September	1,545	242	1,787	1,298	182	1,480
October	1,527	242	1,769	1,341	180	1,521
November	1,488	236	1,724	1,390	188	1,578
December	1,501	225	1,726	1,418	185	1,603
Average	1,594	239	1,833	1,346	184	1,530

TABLE 7. Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada for 1953 and 1954 Grouped According to the Size of Establishment

Establishments performing work valued at		Establishments	Employees	Salaries and wages	Cost of materials used	Gross value of work performed
		No.	No.	\$	\$	\$
1953						
Under \$25,000		9	31	48,066	15,035	99,360
\$25,000 to under \$50,000		5	38	100,009	17,883	172,466
\$50,000 " \$100,000		15	231	594,096	167,071	1,098,783
\$100,000 " \$500,000		20	664	1,921,231	817,026	4,318,941
\$500,000 " \$1,000,000		3	353	920,959	463,353	1,842,150
\$1,000,000 " \$5,000,000		4	938	2,568,864	1,685,576	5,572,852
Total		56	2,255	6,153,225	3,165,944	13,104,552
1954						
Under \$25,000		9	37	57,514	26,139	124,874
\$25,000 to under \$50,000		5	55	127,933	12,530	203,060
\$50,000 " \$100,000		11	167	431,079	58,506	811,476
\$100,000 " \$500,000		23	799	2,259,170	1,176,893	4,930,227
\$500,000 " \$1,000,000		3	882	2,527,587	1,755,866	5,561,901
\$1,000,000 " \$5,000,000		2				
Total		53	1,940	5,403,283	3,029,934	11,631,538

TABLE 8. Estimated Capital, Repair and Maintenance Expenditures 1946-1954
(Thousands of dollars)

Year	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Total
1946	102	387	489	415	—	415	517	387	904
1947	422	1,261	1,683	135	518	653	557	1,779	2,336
1948	385	1,074	1,459	248	630	878	633	1,704	2,337
1949	545	1,326	1,871	103	591	694	648	1,917	2,565
1950	—	—	819	—	—	616	156	1,279	1,435
1951	—	—	1,065	—	—	514	245	1,334	1,579
1952	—	—	784	—	—	590	130	1,244	1,374
1953	—	—	578	—	—	553	—	—	1,131
1954 ¹	—	—	400	—	—	358	120	638	758

1. Figures for 1954 are preliminary.



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THE TEXTILE INDUSTRIES

APPENDIX

List of Firms in the Dyeing and Finishing of Textile Goods Industry, 1954

Name	Address
Quebec:	
Atlas Sponging Inc.....	372 St. Catherine St. West, Montreal
Bradford Dyeing Assoc. (Canada) Ltd.	480 Ash Ave., Montreal (Head office 480 Ash Ave., Montreal)
Canada Dye Works Ltd.	144C Laurier St., St. Johns
Canadian Sponging Co., Ltd.	460 St. Catherine St. West, Montreal
Chateau Dyers Ltd.	Huntingdon
Chryssolor Ltd.	2912 Masson St., Montreal
City Sponging Inc.	372 St. Catherine St. West, Montreal
Commercial Dyers and Bleachers	95 Port Royal, Montreal
Domil Ltd.	4790 St. Ambroise St., Montreal (Head office 1235 McGill College Ave., Montreal)
Dominion Silk Dyeing and Finishing Co. Ltd.	35 Heriot St., Drummondville
Dominion Silk Printing Ltd.	Heriot St., Drummondville
Duplan Dyeing Co. Ltd.	423 Mayor St., Montreal
Fabric Dyers Limited	2100 Victoria St., Lachine
Franco Canadian Dyers Ltd.	159 Cousins St., St. Johns
Fraser, James & Sons	6901 Jeanne Mance St., Montreal
Globe Processing Ltd.	74 Turgeon St., Montreal
Globe Sponging Works Inc.	3575 St. Lawrence Blvd., Montreal
Gorby Industries Inc.	666 Ste. Croix Blvd., Ville St. Laurent
Gordon Textile Dyers	9075 St. Urbain St., Montreal
Guarantee Sponging Inc.	3981 St. Lawrence Blvd., Montreal
Hughes and Co.	2050 Bleury St., Montreal
Industrial Dyers Co.	50 Port Royal W., Montreal
Kendex Mfg. Co. Reg'd.	140 Mercier St., St. Johns, Iberville Co.
Kramer Sponging Co.	1245 St. Urbain St., Montreal
Manufacturers Sponging Works Inc.	10 Ontario St. West Montreal
Model Dye Works Canada Ltd.	Huntingdon
Montreal Fast Print Ltd.	9500 St. Lawrence Blvd., Montreal
Novelty Textile Printing	4030 Notre Dame St. W., Montreal
Pinatel Piece Dye Works Ltd.	Cor. St-Pierre, Archambault, Joliette
Pugash Sponging Co.	987 Cote St., Montreal
Printing & Designing Studio Reg'd.	27 Notre Dame St. E., Montreal
Silk Screen Manufacturers Ltd.	6750 Hutchison St. Montreal
St. Hyacinthe Dyeing & Finishing Co. Ltd.	990 Morison St., St. Hyacinthe
St. Luke Industries Ltd.	425 River Ave., Verdun
Textile Colouring Inc.	425 River St., Verdun
Textile Processors Reg'd.	2050 Bleury St., Montreal
Valcourt Print Ltd.	Valcourt
Ontario:	
Armstrong Dye Works	84 Simcoe Street, West, Hamilton
Atlas (Toronto) Sponging Ltd.	48 Abell St., Toronto 3
Bradford Dyeing Association (Canada) Ltd.	William St., Cobourg (Head office 480 Ash Ave., Montreal)
Canadiana Textile Print Works Ltd.	801 King St., W., Toronto 2B
Cutler Designs Ltd.	118 Geary Ave., Toronto
Farquhar & Son Textile Printing	107 Front St. E., Toronto
Gibson Dyers & Converters Ltd.	1315 Davenport Rd., Toronto
Holdsworth and Adams Cloth Finishers Ltd.	126 Wellington St. West, Toronto
Hughes & Co. Ltd.	786 King Street, West, Toronto 1
Kroy Unshrinkable Wools, Ltd.	70 Crawford St., Toronto
Matthewman & Son, R.W. Ltd.	227 Sterling Road, Toronto 3
Preston Industries	307 Bishop St., N., Preston
Resin - Tex Ltd.	40 Phelps St., St Catharines
Summit Dyeing Co. Ltd.	471 Adelaide St. W., Toronto (Head office 590 King St. W., Toronto)
Toronto Dyeing and Finishing works Ltd.	Rear, 376 Dufferin St., Toronto
Trenton Dyeing & Finishing Co. Ltd.	52 Film Street, Trenton