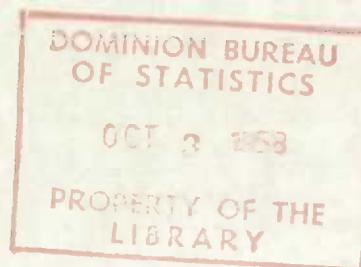


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THE DYEING AND FINISHING OF TEXTILE GOODS INDUSTRY

1956



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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, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - 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 1956

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 in connection with their own manufacturing operations.

During the year under review, the dyeing and finishing of textile goods industry operated at a higher level of activity than a year earlier. The value of work performed amounted to \$15,017,121 up 5.1 per cent over the \$14,281,378 reported in the preceding year. The number of employees was relatively unchanged with 2,055 in 1956 versus 2,062 in 1955. Materials used in manufacture cost \$4,275,761 in 1956 as against \$4,121,238 the year before. There were 54 establishments reporting in the year under review, two less than in 1955.

Dyeing and finishing of textile fabrics is the principal activity of the industry and in 1956 accounted for \$8,986,777 or 59.8 per cent of the total value of work performed. Printing and painting on textile fabrics amounted to \$2,237,841 or 14.9 per cent. Other activities include dyeing, finishing and mercerizing of yarns, rubberizing and water-

proofing fabrics, bleaching, shrinking, sponging, etc.

The industry is located almost entirely in Quebec and Ontario. In 1956 there were 36 and 17 establishments respectively in these two provinces with British Columbia accounting for one firm. The firms in Quebec were responsible for the major share of the value of work performed with \$11,292,929 or 75.2 per cent of the total and with employees numbering 1,576 or 76.6 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.

Table 9 of this report shows the consumption of fuel and electricity in the dyeing and finishing of textile goods industry for 1953 and 1956. This information is only collected in specified years and 1953 was the last year in which it was collected.

TABLE 1. Principal Statistics, Representative Years, 1929 to 1956

Year and province	Estab- lish- ments	Employees	Salaries and wages	Cost at factory of fuel and electricity	Cost at factory of materials used	Value added by manufacture	Gross value of work performed
	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	56	2,255	6,153,225	844,294	3,165,944	9,094,314	13,104,552
1954	53	1,940	5,403,283	735,071	3,029,934	7,866,533	11,631,538
1955							
Canada	56	2,062	6,058,936	754,879	4,121,238	9,496,406	14,281,378
Quebec	39	1,619	4,736,809	691,966	3,181,800	7,210,686	11,080,244
Ontario and British Columbia ..	17	443	1,322,127	62,913	939,438	2,285,720	3,201,134
1956							
Canada	54	2,055	6,131,227	861,185	4,275,761	9,954,451	15,017,121
Quebec	36	1,576	4,668,243	713,870	3,177,064	7,377,936	11,292,929
Ontario and British Columbia ..	18	479	1,462,984	147,315	1,098,697	2,576,515	3,724,192

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, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening ² :				
Quebec	571,428	120,521	4,000	695,949
Ontario	160,528	52,058	165,162	377,748
Canada	731,956	172,579	169,162	1,073,697
Closing:				
Quebec	596,960	98,881	1,581	697,422
Ontario	168,010	67,551	248,004	483,565
Canada	764,970	166,432	249,585	1,180,987

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

² The opening inventory for 1956 differs from the closing inventory published for 1955 because of the inclusion of new firms and the removal of figures for firms which did not operate during 1956.

TABLE 3. Value of Work Performed, 1955 and 1956

Principal items	1955	1956
	Value at plant	Value at plant
	\$	\$
Dyeing and finishing textile fabrics	9,494,215	8,986,777
Dyeing, finishing and mercerizing of yarns	740,103	834,113
Printing and painting on textile fabrics	1,701,302	2,237,841
Dyeing and finishing of other products	584,980	575,816
Rubberizing, mercerizing and waterproofing fabrics	309,712	466,388
Bleaching, shrinking, sponging and all other work	1,451,066	1,916,186
Total value of work performed	14,281,378	15,017,121

TABLE 4. Materials Used, 1955 and 1956

Principal materials	1955		1956	
	Quantity	Cost value at plant	Quantity	Cost value at plant
		\$		\$
Aniline and other dyes:				
Sulphur colours	pound	76,360	1	1
Direct colours	"	304,857	226,339	471,382
Indirect colours	"	31,382	47,050	120,954
Acid or basic colours	"	103,954	177,221	264,530
Colours used in printing	"	44,724	34,075	98,675
Other colours and dyes	"	88,027	122,919	319,033
Epsom salts	"	2	2	2
Common salt	"	4,559,226	3,890,343	48,221
Glauber's salt	"	635,721	612,303	20,667
Soda ash	"	638,447	808,705	16,128
Washing soda	"	650,019	505,749	170,011
Soaps	"	71,646	68,472	12,729
Starch	"	—	—	—
Other weighting materials	—	376,077	—	351,548
Liquid ammonia	pound	150,657	128,967	14,419
Liquid chlorine	"	19,510	5,887	462
Gasoline and benzine	gallon	2,212	2,070	—
Alcohol	prf. gal.	1,794	3,786	2,655
Hydrogen peroxide	pound	312,828	70,159	286,078
Sulphuric acid 66° Bé	"	141,028	4,354	93,271
Acetic acid	"	252,265	24,244	311,479
Formic acid	"	35,391	7,947	25,567
Muriatic acid	"	114,714	5,359	105,148
Sulphonated oils	"	81,101	20,617	113,605
Carbon Tetrachloride	"	9,866	3,802	13,591
Tin Tetrachloride	"	—	—	—
Trisodium phosphate	"	47,532	5,432	66,038
Naphtha	gallon	—	—	—
Caustic soda	pound	216,240	15,223	309,679
Other chemicals, not specified	—	—	—	526,868
Rubberizing materials	—	—	—	38,080
All other materials	—	—	—	1,426,296 ⁴
Packing and shipping materials	—	—	—	178,155
Total cost of materials used	—	4,121,238	—	4,275,761

¹ Included in "Other colours and dyes".² Included in "Other weighting materials".³ Included in "Other chemicals, not specified".⁴ Includes , operating, maintenance and repair supplies.

TABLE 5. Employees and their Earnings, by Provinces, 1955 and 1956

	Average number					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	number					\$	\$	\$
1955								
Quebec	242	71	1,180	126	1,619	1,308,027	3,428,782	4,736,809
Ontario and British Columbia	61	20	291	71	443	333,691	988,436	1,322,127
Canada	303	91	1,471	197	2,062	1,641,718	4,417,218	6,058,936
1956								
Quebec	270	73	1,081	152	1,576	1,490,879	3,177,364	4,668,243
Ontario and British Columbia	56	28	316	79	479	404,121	1,058,863	1,462,984
Canada	326	101	1,397	231	2,055	1,895,000	4,236,227	6,131,227

TABLE 6. Production Workers, by Months, 1955 and 1956

	1955			1956		
	Male	Female	Total	Male	Female	Total
	number					
January	1,466	173	1,639	1,430	236	1,666
February	1,502	181	1,683	1,451	234	1,685
March	1,490	177	1,667	1,425	257	1,682
April	1,463	168	1,631	1,389	228	1,617
May	1,443	186	1,629	1,348	206	1,554
June	1,423	191	1,614	1,379	201	1,580
July	1,410	189	1,599	1,376	203	1,579
August	1,461	203	1,664	1,391	228	1,619
September	1,473	223	1,696	1,398	242	1,640
October	1,496	215	1,711	1,387	248	1,635
November	1,500	226	1,726	1,383	254	1,637
December	1,502	215	1,717	1,376	232	1,608
Average	1,471	197	1,668	1,397	231	1,628

TABLE 7. Principal Statistics of the Dyeing and Finishing of Textile goods in Canada for 1955 and 1956 Grouped According to the Size of Establishment

Establishments performing work valued at	Estab-lish-ments	Employees	Salaries and wages	Cost of materials used	Gross value of work performed
	No.	No.	\$	\$	\$
1955					
Under \$25,000	9	26	36,970	28,402	98,765
\$25,000 to under \$50,000	7	58	138,781	35,116	264,973
\$50,000 " \$100,000	9	122	308,438	36,638	632,226
\$100,000 " \$500,000	24	796	2,136,365	1,265,517	5,328,727
\$500,000 " \$1,000,000	3	277	885,996	930,349	2,252,795
\$1,000,000 " \$5,000,000	4	873	2,552,386	1,825,216	5,703,892
Total	56	2,062	6,058,936	4,121,238	14,281,378
1956					
Under \$25,000	6	18	30,526	25,707	90,040
\$25,000 to under \$50,000	6	46	118,541	50,744	255,640
\$50,000 " \$100,000	10	128	342,713	53,269	672,052
\$100,000 " \$500,000	23	616	1,907,448	1,185,129	4,833,016
\$500,000 " \$1,000,000	5	340	1,131,631	865,213	2,998,440
\$1,000,000 " \$5,000,000	4	907	2,600,368	2,095,699	6,167,933
Total	54	2,055	6,131,227	4,275,761	15,017,121

TABLE 8. Estimated Capital, Repair and Maintenance Expenditures 1946-1956

Year	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Con-struction	Machinery and equipment	Sub-total	Con-struction	Machinery and equipment	Sub-total	Con-struction	Machinery and equipment	Total
thousands of dollars									
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 .....	..	..	400	..	..	438	158	659	817
1955 .....	..	..	562	..	..	580	167	975	1,142
1956 .....	..	..	530	..	..	426	..	..	956

TABLE 9. Consumption of Fuel and Electricity, 1953 and 1956

Kinds of fuel		1953		1956	
		Quantity	Cost value at factory	Quantity	Cost value at factory
			\$		\$
Bituminous coal	ton	31,566	402,209	29,146	370,592
Anthracite coal	"	857	10,286	—	—
Gasoline (including gasoline used in cars and trucks)	Imp. gal.	36,100	14,820	49,106	20,743
Kerosene or coal oil	"	110,476	22,300	3,000	985
Fuel oil	"	1,231,563	186,791	2,038,779	235,517
Other fuel	—	—	37,125	—	39,752
Total cost of fuel	—	—	673,531	—	667,589
Electricity purchased (including service charges) ..	kwh.	14,204,009	170,763	16,837,233	193,596
Total cost of fuel and electricity	—	—	844,294	—	861,185



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APPENDIX

List of Firms in the Dyeing and Finishing of Textile Goods Industry, 1956

Name	Address
Quebec:	
Artistic Enterprises Ltd.	358 St. Peter St., Montreal
Atlas Spinging Inc.	372 St. Catherine St. West, Montreal
Canada Dye Works Ltd.	144C Laurier St., St. Johns
Canadian Spinging Co., Ltd.	460 St. Catherine St. West, Montreal
Chateau Dyers Ltd.	Huntingdon
City Spinging 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 Dyeing and Printing Co. Ltd.	35 Heriot St., Drummondville
Duplan Dyeing Co. Ltd.	423 Mayor St., Montreal
Fabric Dyers Limited	2100 Victoria St., Lachine
Fraser, James & Sons	6901 Jeanne Mance St., Montreal
Globe Processing Ltd.	74 Turgeon St., Montreal
Globe Spinging Works Inc.	3575 St. Lawrence Blvd., Montreal
Gordon Textile Dyers	9075 St. Urbain St., Montreal
Guarantee Spinging Inc.	5514 St. Dominique, Montreal
Hughes and Co.	2050 Bleury St., Montreal
Industrial Dyers Co.	50 Port Royal W., Montreal
Kendex Mfg. Co. Ltd.	140 Mercier St., St. Johns, Iberville Co.
Kramer Spinging Co.	1245 St. Urbain St., Montreal
La Pointe & Frère	25 Aristide St., St. Hyacinthe
Lee Dyeing Company of Canada Ltd.	425-21st Ave., Lachine
Manufacturers Spinging 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.	251 St. Pierre St., Joliette
Pugash Spinging Co.	987 Côté St., Montreal
Screen Fashions of Canada Reg'd.	4821 Rouen St., Montreal
Shawin Co. Ltd.	8031-18th Ave., Ville St-Michel
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:	
Ajax Textile Processing Co. Ltd.	First Street, Ajax
Armstrong Dye Works	84 Simcoe Street, West, Hamilton
Atlas (Toronto) Spinging Ltd.	48 Abell St., Toronto 3
Canadiana Textile Print Works Ltd.	801 King St. W., Toronto 2B
Continental Dye Works	243 College St., Toronto
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.	53 Shaw St., Toronto
Matthewman & Son, R.W. Ltd.	227 Sterling Road, Toronto 3
Resin - Tex Ltd.	40 Phelps St., St. Catharines
Summit Dyeing Co. Ltd.	471 Adelaide St. W., Toronto (Head office 590 King St. W., Toronto)
Textral Fibres Ltd.	20 Arthur St. N., Elmira
Toronto Dyeing and Finishing Works Ltd.	Rear, 376 Dufferin St., Toronto
Trenton Dyeing & Finishing Co. Ltd.	52 Film Street, Trenton
British Columbia:	
Suda Textile Printing	151 West Hastings, Vancouver