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# THE DYEING AND FINISHING OF TEXTILE GOODS INDUSTRY

1953

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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 — 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 VII, Textiles. 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 of All Textiles, 25¢

### Textile Mills

- B — General Review, 25¢
- C — The Cotton Textile Industries, 25¢
- D — The Wool Textile Industries, 25¢
- E — The Synthetic Textiles and Silk Industry, 25¢
- F — The Narrow Fabrics Industry, 25¢
- G — The Dyeing and Finishing of Textile Goods Industry, 25¢
- H — The Awning, Tent and Sail Industry, 25¢
- I — The Cordage, Rope and Twine Industry, 25¢
- J — The Cotton and Jute Bag Industry, 25¢
- K — The Miscellaneous Textiles Industries, 25¢

### Knitting Mills

L — The Hosiery and Knitted Goods Industries, 25¢

### Clothing

- M — General Review, 25¢
- N — The Men's Factory Clothing Industry, 25¢
- O — The Women's and Children's Factory Clothing Industries, 25¢
- P — The Corset Industry, 25¢
- Q — The Fur Goods and Fur Dressing Industries, 25¢
- R — The Hat and Cap Industry, 25¢
- S — The Miscellaneous Clothing Industries, 25¢

## THE DYEING AND FINISHING OF TEXTILE GOODS INDUSTRY

1953

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.

Activity in the dyeing and finishing of textile goods industry is closely related to the level of operations in the primary textile industries, rising and falling with it. Despite the fall in activity in the yarn and cloth mills during 1952, however, the industry had succeeded not only in holding its own but had managed a slight increase in the value of work performed. The inevitable adjustment to the reduced level of operations in associated trades came in the year under review. The value of work performed amounted to \$13,104,552 compared with \$14,606,604 in 1952, a drop of 10 per cent. Employment was down to 2,255 in 1953 from 2,331 in 1952 while salary and wage payments which amounted to \$6,153,225 were slightly ahead of the earlier year's \$5,965,882. Material costs were lower by 15 per cent, being \$3,165,944 in 1953 as against \$3,749,848 in 1952.

Dyeing and finishing of textile fabrics is the industry's major activity and in 1953 accounted for \$8,050,298 or 61 per cent of total value of work performed. Printing and painting on textile fabrics amounted to \$1,716,324 or 13 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 1953 there were 16 and 40 establishments respectively in the two provinces. As indicated by the number of establishments, Quebec dominated the industry with value of work performed amounting to \$10,245,164 or 78 per cent of the total and with employees numbering 1,781 or 79 per cent of all persons employed.

Detailed information on the industry's use of fuel and electricity during the year and on its power installation will be found in Tables 9 and 10. Beginning with 1948, this information is being collected every fifth year instead of annually as theretofore.

## THE TEXTILE INDUSTRIES

TABLE 1. Principal Statistics, Representative Years, 1929 to 1953

Year and Provinces	Estab- lish- ments	Employees	Salaries and wages	Cost of materials used	Gross value of work performed
			No.	\$	\$
1929.....	17	967	1,021,752	1,053,505	3,517,507
1932.....	19	762	804,100	619,662	2,537,348
1935.....	23	997	1,008,600	1,560,868	4,004,734
1937.....	26	1,071	1,019,391	1,535,898	3,794,316
1938.....	25	980	958,698	1,208,261	3,330,280
1939.....	26	1,082	1,150,668	1,667,878	3,927,468
1940.....	28	1,210	1,379,114	2,010,841	4,885,038
1941.....	29	1,587	1,919,906	3,226,086	7,237,318
1942.....	42	1,693	2,274,715	2,799,331	8,096,565
1943.....	40	1,656	2,446,760	2,981,932	9,008,917
1944.....	40	1,667	2,516,012	1,266,430	6,951,347
1945.....	40	1,922	2,923,684	1,581,984	8,331,308
1946.....	41	2,188	3,409,389	1,790,674	9,207,244
1947.....	44	2,418	4,504,975	2,156,938	10,484,634
1948.....	45	2,713	5,518,371	2,546,670	12,818,937
1949.....	47	2,511	5,347,344	2,606,844	12,758,888
1950.....	46	2,459	5,481,251	2,974,977	12,353,630
1951					
Canada .....	52	2,462	5,997,036	3,492,222	14,129,896
Ontario .....	17	566	1,320,988	789,258	3,142,987
Quebec .....	35	1,896	4,676,048	2,702,964	10,986,909
1952					
Canada .....	50	2,331	5,965,882	3,749,848	14,606,604
Ontario .....	17	561	1,457,345	795,948	3,656,092
Quebec .....	33	1,770	4,508,537	2,953,900	10,950,512
1953					
Canada .....	56	2,255	6,153,225	3,165,944	13,104,552
Ontario .....	16	474	1,339,902	408,384	2,859,388
Quebec .....	40	1,781	4,813,323	2,757,560	10,245,164

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. Value of Work Performed, 1952 and 1953

Principal items	1952	1953
	Value at plant	Value at plant
Dyeing and finishing of textile fabrics .....	9,208,932	8,050,298
Dyeing, finishing and mercerizing of yarns .....	341,849	473,436
Printing and painting on textile fabrics .....	1,696,003	1,716,324
Dyeing and finishing of other products .....	729,919	883,004
Rubberizing, mercerizing and waterproofing fabrics .....	1,313,115	419,919
Bleaching, shrinking, sponging and all other work .....	1,316,786	1,561,571
Total value of work performed.....	14,606,604	13,104,552

TABLE 3. Materials Used, 1952 and 1953

Principal materials	Unit of measure	1952		1953	
		Quantity	Cost value at plant	Quantity	Cost value at plant
			\$		\$
Aniline and other dyes:					
Sulphur colours .....	pound	76,087	106,301	53,795	71,488
Direct colours .....	"	301,801	600,760	180,178	329,217
Indirect colours .....	"	39,940	100,071	51,268	114,892
Acid or basic colours .....	"	86,989	146,553	48,064	83,265
Colours used in printing .....	"	80,805	176,409	52,292	127,066
Other colours and dyes .....	"	65,902	117,186	160,164	286,188
Alum .....	"	65,552	1,908	64,094	2,129
Epsom salts .....	"	4,432,841	48,946	3,587,978	44,547
Common salt .....	"	1,166,847	30,327	1,016,154	27,081
Glauber's salt .....	"	427,094	12,544	374,013	13,315
Soda ash .....	"	189,119	4,146	45,830	1,612
Washing Soda .....	"	831,839	169,670	693,264	152,212
Soaps .....	"	37,810	6,970	34,891	3,762
Starch .....	"	—	19,931	—	17,484
Other weighting materials .....	pound	326,122	21,593	202,544	14,486
Liquid ammonia .....	"	49,500	5,005	56,101	6,057
Liquid chlorine .....	gallon	740	381	2,499	1,058
Gasoline and benzine .....	prf. gal.	16,260	16,303	9,318	9,454
Alcohol .....	pound	210,360	46,502	262,427	56,628
Hydrogen peroxide .....	"	135,151	4,392	179,068	5,212
Sulphuric acid 66% Bé .....	"	373,977	39,183	268,725	26,698
Acetic acid .....	"	43,552	10,343	59,408	10,010
Formic acid .....	"	224,341	9,517	181,812	8,088
Muriatic acid .....	"	106,150	32,299	91,510	29,125
Sulphonated oils .....	"	15,400	2,645	29,204	3,951
Carbon Tetrachloride .....	"	—	—	—	—
Tin Tetrachloride .....	"	65,116	7,442	49,482	4,925
Trisodium phosphate .....	gallon	66,838	22,948	—	—
Naphtha .....	pound	157,756	10,068	178,854	13,427
Caustic soda .....	"	—	1,170,305	—	920,381
Other chemicals, not specified .....	"	—	—	—	25,350
Rubberizing materials .....	"	—	580,049	—	550,924
All other materials .....	"	—	229,151	—	205,912
Packing and shipping materials .....	"	—	—	—	—
Total cost of materials used .....	"	—	—	3,749,848	—
				—	3,165,944

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

TABLE 4. Employees, Salaries and Wages by Provinces, 1952 and 1953

	1952			1953		
	Quebec	Ontario	Total	Quebec	Ontario	Total
Salaried employees:						
Total .....	No.	315	92	407	349	73
Male .....	"	222	56	278	267	44
Female .....	"	93	36	129	82	29
Total salaries .....	\$	1,014,070	311,890	1,325,960	1,353,427	289,461
						1,642,888
Wage-earners:						
Monthly average .....	No.	1,455	469	1,924	1,432	401
Male .....	"	1,332	386	1,718	1,284	310
Female .....	"	123	83	206	148	91
Total wages .....	\$	3,494,467	1,145,455	4,639,922	3,459,896	1,050,441
						4,510,337
Total Employees:						
Total .....	No.	1,770	561	2,331	1,781	474
Male .....	"	1,554	442	1,996	1,551	354
Female .....	"	216	119	335	230	120
Total salaries and wages .....	\$	4,508,537	1,457,345	5,965,882	4,813,323	1,339,902
						6,153,225

TABLE 5. Monthly Employment of Wage-earners, 1951 to 1953

Months	1951			1952			1953		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number									
January.....	2,056	248	2,304	1,746	211	1,957	1,715	251	1,966
February.....	2,096	249	2,345	1,757	198	1,955	1,713	254	1,967
March.....	2,004	218	2,222	1,764	218	1,982	1,723	250	1,973
April.....	1,926	201	2,127	1,695	198	1,893	1,687	244	1,931
May.....	1,836	198	2,034	1,642	194	1,836	1,579	238	1,817
June.....	1,762	185	1,947	1,644	184	1,828	1,562	221	1,783
July.....	1,738	173	1,911	1,651	185	1,836	1,519	217	1,736
August.....	1,742	190	1,932	1,715	208	1,923	1,551	231	1,782
September.....	1,732	212	1,944	1,741	224	1,965	1,545	242	1,787
October.....	1,667	204	1,871	1,753	237	1,990	1,527	242	1,769
November.....	1,679	202	1,881	1,764	226	1,990	1,488	236	1,724
December.....	1,731	197	1,928	1,713	196	1,909	1,501	225	1,726
Monthly average .....	1,832	201	2,033	1,718	206	1,924	1,594	239	1,833

TABLE 6. Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada for 1952 and 1953 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
					\$
1952					
Under \$25,000 .....	4	13	22,792	7,812	43,907
\$25,000 to under \$50,000 .....	8	67	151,566	24,824	287,422
\$50,000 " \$100,000 .....	15	241	582,128	123,225	1,069,772
\$100,000 " \$500,000 .....	16	620	1,715,983	830,858	4,431,459
\$500,000 " \$1,000,000 .....	2	1,390	3,493,413	2,763,129	8,774,044
\$1,000,000 " \$5,000,000 .....	5				
<b>Total.....</b>	<b>50</b>	<b>2,331</b>	<b>5,965,882</b>	<b>3,749,848</b>	<b>14,606,604</b>
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
<b>Total.....</b>	<b>56</b>	<b>2,255</b>	<b>6,153,225</b>	<b>3,165,944</b>	<b>13,104,552</b>

**TABLE 7. Estimated Capital, Repair and Maintenance Expenditures 1946-1953**  
(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 .....	265	990	1,255	135	543	678	400	1,533	1,933
1948 .....	282	896	1,178	229	524	753	511	1,420	1,931
1949 .....	756	1,776	2,532	128	752	880	884	2,528	3,412
1950 .....	120	830	950	96	917	1,013	216	1,747	1,963
1951 .....	174	1,056	1,230	105	378	483	279	1,434	1,713
1952 .....	13	846	859	164	386	550	177	1,232	1,409
1953 .....	30	626	656	73	486	559	103	1,112	1,215

**TABLE 8. Power Installation, 1948 and 1953**

Classes of power	1948		1953	
	Number of units	Horse-power capacity	Number of units	Horse-power capacity
Steam engines and steam turbines .....	8	266	6	217
Gasoline, gas and oil engines, other than Diesel engines .....	3	203	2	170
Electric motors operated by purchased power:				
In use .....	2,221	7,755	1,933	5,942
Idle .....	110	893	218	859
<b>Total Power used in Manufacturing</b> .....	<b>2,342</b>	<b>9,117</b>	<b>2,159</b>	<b>7,188</b>
Boiler installation:				
In use .....	26	5,115	14	3,690
Idle .....	9	975	3	590

**TABLE 9. Consumption of Fuel and Electricity, 1948 and 1953**

Kinds of fuel	Unit of measure	1948		1953	
		Quantity	Cost value at factory	Quantity	Cost value at factory
		\$		\$	
Bituminous coal .....	ton	55,350	604,989	31,666	402,209
Anthracite coal .....	"	149	1,688	857	10,286
Gasoline (including gasoline used in cars and trucks)	imp. gal.	20,238	7,356	16,100	14,820
Kerosene or coal oil .....	"	-	-	110,476	22,300
Fuel oil .....	"	2,333,447	270,239	1,231,563	186,791
Other fuel .....	-	-	18,159	-	37,125
<b>Total cost of fuel</b> .....	-	-	<b>902,431</b>	-	<b>673,531</b>
Electricity purchased (including service charges).....	K.W.H.	10,402,212	117,523	14,204,009	170,763
<b>Total cost of fuel and electricity</b> .....	-	-	<b>1,019,954</b>	-	<b>844,294</b>



THE TEXTILE INDUSTRIES

APPENDIX

List of Firms in the Dyeing and Finishing of Textile Goods Industry, 1953

Name	Address
<b>Quebec:</b>	
Atlas Sponging Inc.	372 St. Catherine St. West, Montreal
Arthur Mehr Co.	6937 Durocher St., Montreal
Bradford Dyeing Assoc. 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
Kundex 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
Peco Dyeing Inc.	2025 Desjardins St., Montreal
Plinatel Piece Dye Works Ltd.	Cor. St-Pierre, Archambault, Joliette
Pugash Sponging Co.	987 Cote St., Montreal
Printex Co.	5740 Decarie Blvd., 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., Section M1 Verdun
Textile Processors Reg'd.	2050 Bleury St., Montreal
Valcourt Print Ltd.	Valcourt
<b>Ontario:</b>	
Adam (Toronto) Sponging	126 Wellington St. West Toronto
Armstrong Dye Works	84 Simcoe Street, West, Hamilton
Atlas (Toronto) Sponging Ltd.	48 Abell St., Toronto 3
Barrie Gloves & Knitting Co., Ltd.	40 Ontario Street, South, Kitchener
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 Textile Printing Co.	13 Jarvis St., Toronto
Guaranty Silk Dyeing & Finishing Co.	40 Phelps Street, St. Catharines
Holdsworth & Co.	7 Ontario Street, Toronto
Hughes & Co. Ltd.	786 King Street, West, Toronto 1
Kroy Unshrinkable Wools, Ltd.	70 Crawford St., Toronto
Matthewman & Sons, R.W. Ltd.	227 Sterling Road, Toronto 3
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 Filia Street, Trenton