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THE DYEING AND FINISHING OF  
TEXTILE GOODS INDUSTRY  
1950

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## NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus
- XVI Non-metallic Mineral Products
- XVII Coke and Gas—Petroleum Refining
- XVIII Chemicals and Allied Products

The present report belongs in Group VIII, 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, 50¢.

### Textiles, Except Clothing

- B General Review. 25¢.
- C The Cotton Textile Industry, 40¢.
- D The Woollen Textile Industries, 40¢.
- E The Synthetic Textiles and Silk Industry, 25¢.
- F The Narrow Fabrics Industry, 25¢.
- G The Dyeing and Finishing of Textile Goods Industry, 25¢.

### Miscellaneous Textile Products

- 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¢.

### Clothing

- L General Review, 25¢.
- M The Men's Factory Clothing Industry, 40¢.
- N The Women's and Children's Factory Clothing Industries, 40¢.
- O The Hosiery, Knitted Goods and Fabric Glove and Mitten Industries, 35¢.
- 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

1950

This industry in 1950 consisted of 46 establishments compared with 47 the previous year and the gross value of work performed was \$12,353,630, a drop of 3 per cent in comparison with 1949. The dyeing and finishing of textile goods industry includes only those establishments whose occupation is primarily the dyeing and finishing of such goods, and does not include manufacturers who operate a dyeing and finishing plant or department in connection with their own manufacturing operations. The value of this industry's output had tripled during World War II, levelled off during peacetime but by the end of 1950 there was a new rush of civilian orders in anticipation of slow deliveries as a result of military contracts. The industry was in a strong position with the development of plant modernization and the initiation of specialized techniques in the treatment of the new fabrics.

While the value of work performed showed a reduction over the year of \$405,258, the cost of materials was up from \$2,606,844 in 1949 to \$2,974,977 in 1950, an increase of \$368,133. And while employment had dropped from 2,511 in 1949 to 2,459 in 1950, total salaries and wages were up by \$133,907, from \$5,347,344 in 1949 to \$5,481,251 in 1950.

The industry is confined to Quebec and Ontario. Quebec had 32 establishments, gave employment to 1,918 persons and the gross value of work performed was \$9,517,915. Ontario's 14 establishments employed 541 persons and had a gross value of work performed of \$2,835,715. Quebec accounted for 77 per cent of production and 78 per cent of employment. Three establishments in this industry, each with a gross value of work performed exceeding \$1,000,000, produced 34.3 per cent of the total output while six establishments, each with an output between \$500,000 and 1,000,000, accounted for 29 per cent. Employment in the industry was fairly steady and the number of wage-earners varied from a high of 2,230 in October to a low of 1,928 in July.

Every new material presents its own special challenge to the industry which now covers dyeing, finishing, redyeing, bleaching, printing, painting fabrics and rubberizing. Of the gross value of work performed in 1950, 65 per cent or \$8,045,309 was represented by dyeing and finishing of textile fabrics. Printing and painting of textile fabrics amounted to \$1,870,844 or 15 per cent while such work as bleaching, shrinking and sponging amounted to \$1,220,519.

The use of various types of chemical agents has increased as more rayon is used with wool and to give wool and rayon mixtures the all-wool texture, very special finishing is required. Chemicals for the industry are in short supply and all dyestuffs are imported. Three-quarters of Canadian dyes come from the United States, the balance from Britain and Switzerland. A new development in the industry has been the introduction of specially treated yarns during weaving. The result is that through varying degrees of chlorination of wool, materials are now being woven which emerge from the same dye vat in a pattern of many colours.



## THE TEXTILE INDUSTRIES

TABLE 1. Principal Statistics, Representative Years, 1929 to 1950

Year and Provinces	Estab- lish- ments	Total Employees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Work Performed
	No.	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	8,096,566
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
<b>Canada</b> .....	<b>45</b>	<b>2,713</b>	<b>5,518,371</b>	<b>2,546,670</b>	<b>12,818,937</b>
Ontario .....	17	951	2,022,345	866,210	4,312,249
Quebec .....	28	1,762	3,496,026	1,680,460	8,506,688
<b>Canada</b> .....	<b>47</b>	<b>2,511</b>	<b>5,347,344</b>	<b>2,606,844</b>	<b>12,758,888</b>
Ontario .....	15	621	1,340,495	553,528	3,115,805
Quebec .....	32	1,890	4,006,849	2,053,316	9,643,083
<b>Canada</b> .....	<b>46</b>	<b>2,459</b>	<b>5,481,251</b>	<b>2,974,977</b>	<b>12,353,630</b>
Ontario .....	14	541	1,193,014	513,363	2,835,715
Quebec .....	32	1,918	4,288,237	2,461,614	9,517,915

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, 1949 and 1950

Principal Items	1949	1950
	Value at plant	Value at plant
	\$	\$
Dyeing and finishing of textile fabrics .....	7,875,711	8,045,309
Dyeing, finishing and mercerizing of yarns .....	318,251	386,220
Printing and painting on textile fabrics .....	2,553,826	1,870,844
Dyeing and finishing of other products .....	289,541	540,687
Rubberizing, mercerizing and waterproofing fabrics .....	273,816	290,051
Bleaching, shrinking, sponging and all other work .....	1,447,743	1,220,519
<b>Total value of work performed .....</b>	<b>12,758,888</b>	<b>12,353,630</b>

TABLE 3. Materials Used, 1949 and 1950

Principal Materials		1949		1950	
		Quantity	Cost Value at Plant	Quantity	Cost Value at Plant
			\$		\$
Aniline and other dyes:					
Sulphur colours .....	Pound	139,086	200,906	157,465	282,099
Direct colours .....	"	217,236	438,698	266,200	505,527
Indirect colours .....	"	58,140	87,526	46,988	100,072
Acid or basic colours .....	"	107,168	159,290	108,943	197,472
Colours used in printing .....	"	—	—	59,029	167,450
Other colours and dyes .....	"	130,741	267,033	76,432	158,359
Alum .....	"	105,900	1,612	192,905	5,284
Epsom salts .....	"	37,990	895		
Common salt .....	"	4,719,267	44,497	4,913,405	42,585
Chloride of lime .....	"	53,395	1,439	37,980	1,296
Glauber's salt .....	"	2,079,254	41,083	1,817,381	36,763
Soda ash .....	"	747,232	20,708	660,656	18,930
Soaps .....	"	1,366,983	216,969	1,219,530	247,430
Starch .....	"	53,883	4,814	—	28,335
Other weighting materials .....	—	—	12,099		
Liquid ammonia .....	Pound	139,217	7,088	188,994	14,407
Liquid chlorine .....	"	109,882	4,028	60,736	5,532
Gasoline and benzine .....	Gallon	2,087	819	3,431	1,504
Alcohol .....	Prf. Gal.	4,164	3,584	2,603	1,861
Hydrogen peroxide .....	Pound	146,728	31,924	246,725	61,520
Sulphuric acid 66° Be .....	"	499,504	9,621	393,160	14,519
Acetic acid .....	"	297,260	27,582	301,507	30,356
Formic acid .....	"	37,466	7,882	120,160	12,928
Muriatic acid .....	"	265,675	8,715	219,360	14,277
Sulphonated oils .....	"	221,247	45,804	200,765	40,594
Carbon Tetrachloride .....	"	6,917	839	12,590	2,088
Trisodium phosphate .....	"	44,485	3,568	35,091	5,051
Caustic soda .....	"	110,391	5,848	88,967	20,801
Other chemicals, not specified .....	—	—	675,274	—	686,299
Rubberizing materials .....	—	—	54	—	165,816
All other materials .....	—	—	143,381		
Packing and shipping materials .....	—	—	133,264	—	105,822
<b>Total Cost of Materials Used .....</b>	<b>—</b>	<b>—</b>	<b>2,606,844</b>	<b>—</b>	<b>2,974,977</b>

TABLE 4. Employees, Salaries and Wages by Provinces, 1949 and 1950

	1949			1950		
	Quebec	Ontario	Total	Quebec	Ontario	Total
<b>Salaried Employees:</b>						
Total .....	No. 269	97	366	278	93	371
Male .....	No. 202	55	257	204	57	261
Female .....	No. 67	42	109	74	36	110
<b>Total .....</b>	<b>\$ 931,841</b>	<b>331,348</b>	<b>1,263,189</b>	<b>1,008,223</b>	<b>316,848</b>	<b>1,325,071</b>
<b>Wage-earners:</b>						
Monthly average .....	No. 1,621	524	2,145	1,640	448	2,088
Male .....	No. 1,488	452	1,940	1,496	374	1,870
Female .....	No. 133	72	205	144	74	218
<b>Total Wages .....</b>	<b>\$ 3,075,008</b>	<b>1,009,147</b>	<b>4,084,155</b>	<b>3,280,014</b>	<b>876,166</b>	<b>4,156,180</b>
<b>Total employees:</b>						
Total .....	No. 1,890	621	2,511	1,918	541	2,459
Male .....	No. 1,690	507	2,197	1,700	431	2,131
Female .....	No. 200	114	314	218	110	328
<b>Total Salaries and Wages .....</b>	<b>\$ 4,006,849</b>	<b>1,340,495</b>	<b>5,347,344</b>	<b>4,288,237</b>	<b>1,193,014</b>	<b>5,481,251</b>



TABLE 5. Monthly Employment of Wage-earners, 1948 to 1950

Months	1948			1949			1950		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January .....	1,911	316	2,227	1,971	215	2,186	1,971	207	2,178
February .....	1,952	322	2,274	1,997	222	2,219	1,970	218	2,188
March .....	1,927	318	2,245	1,964	212	2,176	1,908	207	2,115
April .....	1,909	307	2,216	1,950	209	2,159	1,780	200	1,980
May .....	1,931	311	2,242	1,857	205	2,062	1,759	201	1,960
June .....	1,981	327	2,308	1,794	192	1,986	1,746	197	1,943
July .....	1,829	297	2,126	1,826	187	2,013	1,731	197	1,928
August .....	1,949	304	2,253	1,874	194	2,068	1,810	231	2,041
September .....	1,970	310	2,280	1,963	192	2,155	1,879	232	2,111
October .....	1,987	315	2,302	2,002	208	2,210	1,986	244	2,230
November .....	2,040	325	2,365	2,027	210	2,237	1,983	231	2,214
December .....	2,065	330	2,395	2,038	220	2,258	1,919	224	2,143
Monthly Average .....	1,958	314	2,272	1,940	205	2,145	1,870	218	2,088

TABLE 6. Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada for 1949 and 1950 Grouped According to the Size of Establishment

Establishments having a production of	Estab- lish- ments	Employees	Salaries and Wages	Cost of Materials Used	Gross Value of Work Performed	
	No.	No.	\$	\$	\$	
1949						
Under \$5,000 .....	}	6	22	36,976	13,127	80,169
\$5,000 to \$25,000 .....		5	46	88,096	6,538	160,880
\$25,000 to \$50,000 .....		12	178	433,180	91,368	790,223
\$50,000 to \$100,000 .....		15	744	1,679,215	564,092	3,273,690
\$100,000 to \$500,000 .....		6	663	1,343,981	953,954	3,927,105
\$500,000 to \$1,000,000 .....		3	858	1,765,896	977,765	4,526,821
\$1,000,000 and over .....						
Total .....	47	2,511	5,347,344	2,606,844	12,758,888	
1950						
Under \$5,000 .....	}	6	31	49,315	10,753	84,982
\$5,000 to \$25,000 .....		7	81	160,226	9,685	249,661
\$25,000 to \$50,000 .....		10	147	380,216	112,161	735,862
\$50,000 to \$100,000 .....		14	697	1,568,900	610,674	3,419,567
\$100,000 to \$500,000 .....		6	603	1,439,527	915,357	3,602,541
\$500,000 to \$1,000,000 .....		3	900	1,883,067	1,316,347	4,261,017
\$1,000,000 and over .....						
Total .....	46	2,459	5,481,251	2,974,977	12,353,630	

## APPENDIX

## List of Firms in the Dyeing and Finishing of Textile Goods Industry, 1950

Name	Address
<b>Quebec:</b>	
Atlas Sponging Inc. ....	372 St. Catherine St. West, Montreal
Bradford Dyeing Assoc. Ltd. ....	480 Ash Ave., Montreal (Head office 60 Front St. W., Toronto)
Canada Dye Works Regd. ....	144C Laurier St., St. Johns
Canadian Sponging Co., Ltd. ....	460 St. Catherine St. West, Montreal
Canadian Master Prints Ltd. ....	425-21st Ave., Lachine
Chateau Dyers Ltd. ....	Huntingdon
Chryssolar Ltd. ....	425 River St., Verdun
City Sponging Inc. ....	372 St. Catherine St. West, Montreal
Colortone Inc. ....	Abbotsford
Commercial Dyers and Bleachers ....	95 Port Royal, Montreal
Dominion Burlington Mills 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. ....	423 Mayor St., Montreal
Ectype Flock Crests Reg'd. ....	4379 Marquette St., Montreal
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
Gordon Textile Dyers ....	9075 St. Urbain St., Montreal
Guarantee Sponging Inc. ....	3981 St. Lawrence Blvd., Montreal
Hughes and Co. ....	2050 Bleury St., Montreal
Kendex Mfg. Co. Reg'd. ....	140 Mercier St., St. Johns, Iberville Co.
London Sponging Inc. ....	6687 Jeanne Mance St., Montreal
Manufacturers Sponging Works Inc. ....	10 Ontario St. West, Montreal
Model Dye Works Canada Ltd. ....	Huntingdon
Pinatel Piece Dye Works Ltd. ....	Cor. St-Pierre, Archambault, Joliette
Pugash Sponging Works ....	987 Cote 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
<b>Ontario:</b>	
Adam Cloth Finishing Co., Ltd. ....	126 Wellington St. West, Toronto
Armstrong Dye Works ....	84 Simcoe Street, West, Hamilton
Barrie Glove & Knitting Co., Ltd. ....	40 Ontario Street, South, Kitchener
Bradford Dyeing Association (Canada) Ltd. ....	William St., Cobourg (Head office 480 Ash Ave., Montreal)
Farquhar Textile Printing Co. ....	107 Front, Toronto
Guaranty Silk Dyeing & Finishing Co. ....	40 Phelps Street, St. Catharines
Holdsworth & Co. ....	7 Ontario Street, Toronto
Hughes & Co. ....	786 King Street, West, Toronto 1
Kroy Unshrinkable Wools, Ltd. ....	70 Crawford St., Toronto
Matthewman & Sons, R.W. ....	227 Sterling Road, Toronto 3
Novelty Textile Printing Works ....	119 Pearl Street, Toronto
Summit Dyeing Co. Ltd. ....	471 Adelaide St. W., Toronto (Head office 590 King St. W., Toronto)
Toronto Dyeing and Finishing Works Ltd. ....	Rear, 370 Dufferin St., Toronto
Trenton Dyeing & Finishing Co. Ltd. ....	52 Film Street, Trenton

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