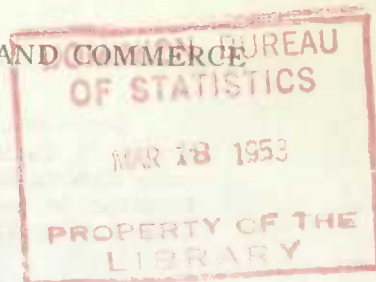


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CANADA



THE DYEING AND FINISHING OF
TEXTILE GOODS INDUSTRY
1951

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 4 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Construction; **Volume IV**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries 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, by Provinces
 - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢.
 - Section 2. Principal Statistics of Individual Industries, 75¢.
 - Section 3. Principal Statistics by 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¢.

Textiles, Except Clothing

- 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¢.

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, 25¢.
- N—The Women's and Children's Factory Clothing Industries, 25¢.
- O—The Hosiery, Knitted Goods and Fabric Glove and Mitten 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 1951

While the value of work performed by this industry rose from \$12,353,630 in 1950 to \$14,129,896 in 1951, the industry was not without its own problems as well as being subject to the general difficulties of the textile group. At the same time definite strides forward were made, in particular in relation to new technology and in the widening of the field of synthetics through research in the treatment of Dacron, Acrilan, Orlon and others.

There were 52 establishments in the industry in 1951 compared with 46 in 1950. It must be kept in mind that 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 increased value of work performed in 1951 was accompanied by a cost of materials of \$3,492,222 or \$517,245 more than the cost of \$2,974,977 reported in 1950. Employment in 1951 was 2,462 compared with 2,459 in the previous year and salaries and wages were up from \$5,481,251 to \$5,997,036 over the two years.

The industry is confined to Quebec and Ontario. Quebec had 35 establishments, gave employment to 1,896 persons and the gross value of work performed was \$10,986,909. Ontario's 17 establishments employed 566 persons and had a gross value of work performed of \$3,142,987. Quebec accounted for 78 per cent of production and 77 per cent of employment. Five establishments in this industry, each with a value of work performed exceeding \$1,000,000, produced 48 per cent of the total output. Employment of wage-earners in the industry varied from a high of 2,345 in February to a low of 1,871 in October.

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 1951, 63 per cent or \$8,884,332 was represented by dyeing and finishing of textile fabrics. Printing and painting on textile fabrics amounted to \$1,945,863 or 14 per cent.

TABLE 1. Principal Statistics, Representative Years, 1929 to 1951

Year and Provinces	Estab- lish- ments	Employees	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
1948	45	2,713	5,518,371	2,546,670	12,818,937
1949					
Canada	47	2,511	5,347,344	2,606,844	12,758,888
Ontario	15	621	1,340,495	553,528	3,115,805
Quebec	32	1,890	4,006,849	2,053,316	9,643,083
1950					
Canada	46	2,459	5,481,251	2,974,977	12,353,630
Ontario	14	541	1,193,014	513,363	2,835,715
Quebec	32	1,918	4,288,237	2,461,614	9,517,915
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

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, 1950 and 1951

Principal items	1950	1951
	Value at plant	Value at plant
	\$	\$
Dyeing and finishing of textile fabrics	8,045,309	8,884,332
Dyeing, finishing and mercerizing of yarns	386,220	333,739
Printing and painting on textile fabrics	1,870,844	1,945,863
Dyeing and finishing of other products	540,687	848,180
Rubberizing, mercerizing and waterproofing fabrics	290,051	776,305
Bleaching, shrinking, sponging and all other work	1,220,519	1,341,477
Total value of work performed	12,353,630	14,129,896

TABLE 3. Materials Used, 1950 and 1951

Principal Materials	Unit of measure	1950		1951	
		Quantity	Cost value at plant	Quantity	Cost value at plant
			\$		\$
Aniline and other dyes:					
Sulphur colours	pound	157,465	282,099	117,465	171,613
Direct colours	"	266,200	505,527	311,774	613,001
Indirect colours	"	46,988	100,072	37,934	110,725
Acid or basic colours	"	108,943	197,472	90,925	141,906
Colours used in printing	"	59,029	167,450	39,463	102,551
Other colours and dyes	"	76,433	158,359	132,350	226,527
Alum	"	192,905	5,284	103,296	3,104
Epsom salts	"	4,913,405	42,585	4,624,108	49,059
Common salt	"	37,980	1,296	—	—
Chloride of lime	"	1,817,381	36,763	1,333,052	39,492
Glauber's salt	"	660,656	18,930	498,667	16,237
Soda ash	"	—	—	12,650	578
Washing Soda	"	1,219,530	247,430	1,225,788	185,262
Soaps	"	—	—	62,910	8,346
Starch	"	—	28,335	—	20,241
Other weighting materials	"	—	—	—	—
Liquid ammonia	pound	188,994	14,407	234,198	15,117
Liquid chlorine	"	60,736	5,532	67,790	6,798
Gasoline and benzine	gallon	3,431	1,504	2,152	906
Alcohol	prf. gal.	2,603	1,861	4,290	3,277
Hydrogen peroxide	pound	246,725	61,520	228,897	53,437
Sulphuric acid 66° Bé	"	393,160	14,519	246,060	5,650
Acetic acid	"	301,507	30,356	384,048	40,104
Formic acid	"	120,160	12,928	43,714	10,956
Muriatic acid	"	219,360	14,277	242,167	9,255
Sulphonated oils	"	200,765	40,594	126,153	46,122
Carbon Tetrachloride	"	12,590	2,088	15,193	2,382
Tin Tetrachloride	"	—	—	38,991	3,474
Trisodium phosphate	"	35,091	5,051	8,925	1,315
Naphtha	gallon	1	1	51,099	18,737
Caustic soda	pound	88,967	20,801	86,658	7,420
Other chemicals, not specified	—	—	686,299	—	1,130,852
Rubberizing materials	—	—	165,816	—	220,697
All other materials	—	—	105,822	—	227,081
Packing and shipping materials	—	—	—	—	—
Total cost of materials used	—	—	2,974,977	—	3,492,222

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

TABLE 4. Employees, Salaries and Wages by Provinces, 1950 and 1951

		1950			1951		
		Quebec	Ontario	Total	Quebec	Ontario	Total
Salaried employees:							
Total	No.	278	93	371	339	90	429
Male	"	204	57	261	241	52	293
Female	"	74	36	110	98	38	136
Total	\$	1,008,223	316,848	1,325,071	1,190,528	304,007	1,494,535
Wage-earners:							
Monthly average	No.	1,640	448	2,088	1,557	476	2,033
Male	"	1,496	374	1,870	1,440	392	1,832
Female	"	144	74	218	117	84	201
Total wages	\$	3,280,014	876,166	4,156,180	3,485,520	1,016,981	4,502,501
Total employees:							
Total	No.	1,918	541	2,459	1,896	566	2,462
Male	"	1,700	431	2,131	1,681	444	2,125
Female	"	218	110	328	215	122	337
Total salaries and wages	\$	4,288,237	1,193,014	5,481,251	4,676,048	1,320,988	5,997,036

TABLE 5. Monthly Employment of Wage-earners, 1950 to 1951

Months	1949			1950			1951		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	Number								
January	1,971	215	2,186	1,971	207	2,178	2,056	248	2,304
February	1,997	222	2,219	1,970	218	2,188	2,096	249	2,345
March	1,964	212	2,176	1,908	207	2,115	2,004	218	2,222
April	1,950	209	2,159	1,780	200	1,980	1,926	201	2,127
May	1,857	205	2,062	1,759	201	1,960	1,836	198	2,034
June	1,794	192	1,986	1,746	197	1,943	1,762	185	1,947
July	1,826	187	2,013	1,731	197	1,928	1,738	173	1,911
August	1,874	194	2,068	1,810	231	2,041	1,742	190	1,932
September	1,963	192	2,155	1,879	232	2,111	1,732	212	1,944
October	2,002	208	2,210	1,986	244	2,230	1,667	204	1,871
November	2,027	210	2,237	1,983	231	2,214	1,679	202	1,881
December	2,038	220	2,258	1,919	224	2,143	1,731	197	1,928
Monthly average	1,940	205	2,145	1,870	218	2,088	1,832	201	2,033

TABLE 6. Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada for 1950 and 1951 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.	\$	\$	\$
1950					
Under \$5,000	6	31	49,315	10,753	84,982
\$5,000 to \$25,000					
\$25,000 to \$50,000					
\$50,000 to \$100,000	10	147	380,216	112,161	735,862
\$100,000 to \$500,000	14	697	1,568,900	610,674	3,419,567
\$500,000 to \$1,000,000	6	603	1,439,527	915,357	3,602,541
\$1,000,000 and over	3	900	1,883,067	1,316,347	4,261,017
Total	46	2,459	5,481,251	2,974,977	12,353,630
1951					
Under \$5,000	6	18	29,079	8,305	59,490
\$5,000 to \$25,000					
\$25,000 to \$50,000					
\$50,000 to \$100,000	10	99	200,978	37,864	373,254
\$100,000 to \$500,000	12	209	508,853	97,313	938,246
\$500,000 to \$1,000,000	16	695	1,770,341	788,000	4,205,749
\$1,000,000 and over	3	271	724,215	403,371	1,709,043
\$1,000,000 and over	5	1,170	2,763,570	2,157,369	6,844,114
Total	52	2,462	5,997,036	3,492,222	14,129,896

TABLE 7. Estimated Capital, Repair and Maintenance Expenditures 1946-1951

(Thousands of dollars)

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
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

APPENDIX

List of Firms in the Dyeing and Finishing of Textile Goods Industry, 1951

Name	Address
Quebec:	
Atlas Sponging Inc.	372 St. Catherine St. West, Montreal
Bradford Dyeing Assoc. Ltd.	480 Ash Ave., Montreal (Head office 480 Ash Ave., Montreal)
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
Chryssolor Ltd.	425 River St., Verdun
City Sponging Inc.	372 St. Catherine St. West, Montreal
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. Ltd.	423 Mayor St., Montreal
Ectype Flock Crests Reg'd.	4379 Marquette 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
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.
Laurentian Artisans Reg'd	9500 St. Lawrence Blvd., Montreal
London Sponging Inc.	6687 Jeanne Mance 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
Peco Dyeing Inc.	2025 Desjardins St., Montreal
Pinatel Piece Dye Works Ltd.	Cor. St-Pierre, Archambault, Joliette
Pugash Sponging Works	987 Côte 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



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THE TEXTILE INDUSTRIES

APPENDIX

List of Firms in the Dyeing and Finishing of Textile Goods Industry, 1951 - Concluded

Name	Address
Ontario:	
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)
Brook, Fabrics, J. & J.	2 Northview Terrace, Toronto
Buckeye Cotton Converters of Canada Ltd.	Rear 920 Memorial Ave., Port Arthur
Cutler Designs Ltd.	118 Geary Ave., Toronto
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, 376 Dufferin St., Toronto
Trenton Dyeing & Finishing Co. Ltd.	52 Film Street, Trenton