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DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1939.

In 1939 reports were received from twenty-six establishments engaged in the dyeing and finishing of textile goods. These include only those establishments whose occupation is primarily the dyeing and finishing of such goods, and do not include textile manufacturers who operate a dyeing and finishing plant or department in connection with their own manufacturing. The capital invested in these twenty-six establishments in 1939 amounted to \$5,997,687. Employment was furnished to 1,082 persons who were paid the sum of \$1,150,668 in salaries and wages. The gross value of the work performed amounted to \$3,927,468 and the value added by manufacture totalled \$2,015,553.

This industry is confined to the Provinces of Ontario, Quebec and Nova Scotia, Ontario with sixteen establishments, employed 590 persons, while Quebec, with nine establishments, and Nova Scotia, with one, together employed 492. Ontario employed 55.1 per cent of the capital and 54.5 per cent of the total number of employees.

This industry operated at a considerably higher level in 1939. Compared with the previous year there was an increase of \$597,188 or 18 per cent in the value of work performed, with an increase of \$114,178 or 6 per cent in the value added by manufacture. Reflected in the increased output was the increase of 102 in the number of persons employed and \$191,970 in the amount of salaries and wages paid. Capital invested was also higher, the increase of \$789,738 being due to an increase of \$817,955 in the current assets and a decrease of \$28,217 in fixed assets.

The gross value of the work performed in 1939 amounted to \$3,927,468 of which \$2,138,341 or approximately 54.4 per cent, was represented by the dyeing and finishing of textile fabrics. The dyeing and finishing of yarns amounted to \$1,251,013 or 31.9 per cent, while the printing and painting of fabric and all other work totalled \$538,114. The various items are shown in detail in table 3.

As indicated in table 8, there is little or no seasonal variation in employment in this industry. The great majority of the wage-earners are male, and numbered 735 or 83 per cent of the total in 1939 while the female wage-earners totalled 152. The average annual wage was \$831 compared to \$755 in 1938 while the average salary fell from \$2,184 in that year to \$2,120 in 1939.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1939.

Table 1. - Principal Statistics, 1927 to 1939.

Year and Provinces	Estab-lish-ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Work Performed
	No.	\$	No.	\$	\$	\$
1927	17	4,048,487	786	851,537	789,783	2,673,852
1928	18	4,278,726	930	986,013	824,475	3,104,193
1929	17	4,448,419	967	1,021,752	1,053,505	3,517,507
1930	19	4,264,823	847	891,822	611,772	2,776,784
1931	19	4,705,396	847	945,002	754,646	2,893,333
1932	19	4,688,350	762	804,100	619,662	2,537,348
1933	22	5,627,806	864	854,751	1,204,498	3,175,049
1934	24	5,397,621	940	931,721	1,504,033	3,778,652
1935	23	5,257,029	997	1,008,600	1,560,868	4,004,734
1936	25	5,261,555	1,025	973,797	1,422,656	3,568,362
<u>1 9 3 7</u>						
CANADA	26	5,051,200	1,071	1,019,391	1,535,898	3,794,316
Ontario	15	2,432,091	542	547,134	1,214,051	2,383,714
Quebec and Nova Scotia	11	2,619,109	529	472,257	321,847	1,410,602
<u>1 9 3 8</u>						
CANADA	25	5,207,949	980	958,698	1,208,261	3,330,280
Ontario	15	2,645,845	502	506,462	957,147	2,122,283
Quebec and Nova Scotia	10	2,562,104	478	452,236	251,114	1,207,997
<u>1 9 3 9</u>						
CANADA	26	5,997,687	1,082	1,150,668	1,667,878	3,927,468
Ontario	16	3,303,974	590	693,745	1,333,236	2,553,127
Quebec and Nova Scotia	10	2,693,713	492	456,923	334,642	1,374,341

NOTE:- Profits or losses cannot be estimated from Census figures, as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1939.

Table 2. - Comparison of Principal Statistics, 1938 and 1939.

Items	1938	1939	+ Increase - Decrease
Establishments reporting No.	25	26	+ 1
Capital invested \$	5,207,949	5,997,687	+ 789,738
Employees on salaries -			
Total No.	153	195	+ 42
Male No.	121	146	+ 25
Female No.	32	49	+ 17
Total salaries \$	334,105	413,452	+ 79,347
Employees on wages -			
Monthly average No.	827	887	+ 60
Male No.	687	735	+ 48
Female No.	140	152	+ 12
Total \$	624,593	737,216	+ 112,623
Power equipment -			
Units No.	840	852	+ 12
Horse-power capacity H.P.	4,157	4,357	+ 200
Cost of fuel and electricity ... \$	220,644	244,037	+ 23,393
Cost of materials used \$	1,208,261	1,667,878	+ 459,617
Gross value of work performed .. \$	3,330,280	3,927,468	+ 597,188
Value added by work performed .. \$	1,901,375	2,015,553	+ 114,178

Table 3. - Value of Work Performed, 1938 and 1939.

Principal Items	1938	1939
	Value at Plant \$	Value at Plant \$
Dyeing and finishing of textile fabrics -	1,771,070	2,138,341
Dyeing, finishing and mercerizing of yarns	1,038,796	1,251,013
Printing and painting on textile fabrics	316,312	303,774
Dyeing and finishing of other products	72,197	84,410
Rubberizing, mercerizing and waterproofing fabrics	26,248	21,425
Bleaching, shrinking and sponging	105,657	128,505
TOTAL VALUE OF WORK PERFORMED	3,330,280	3,927,468

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1939.

Table 4. - Materials Used, 1938 and 1939.

Principal Materials	Unit of Measure	1 9 3 8		1 9 3 9	
		Quantity	Cost Value at Plant	Quantity	Cost Value at Plant
			\$		\$
Aniline and other dyes -					
Sulphur colours	Pound	86,184	61,213	142,264	100,432
Direct colours	"	72,065	48,586	87,114	57,492
Indirect colours	"	11,246	11,996	11,969	12,400
Acid or basic colours ..	"	88,907	60,772	84,199	63,056
Other colours and dyes .	"	16,057	12,671	73,538	57,738
Alum	"	52,596	774	49,795	734
Common salt (sodium chloride)	"	1,971,890	7,972	2,263,589	11,640
Chloride of lime	"	5,800	129	3,700	112
Glauber's salt	"	645,306	8,419	801,220	11,636
Soda ash	"	299,601	5,575	346,476	6,686
Soaps	"	502,471	35,361	519,006	35,676
Starch	"	220,022	10,003	220,637	9,565
Other weighting materials.	-	-	20,239	-	11,796
Liquid ammonia	Pound	65,223	2,278	75,480	2,592
Liquid Chlorine	"	34,564	2,588	18,875	2,158
Gasoline and benzine ...	Gallon	7,578	1,940	2,891	847
Alcohol	Prf. Gal.	546	411	674	528
Hydrogen peroxide	Pound	73,151	14,761	75,822	15,384
Sulphuric acid 66° Bé ...	"	259,054	5,325	302,330	6,098
Acetic acid	"	95,957	7,103	113,342	9,073
Formic acid	"	61,201	8,475	41,126	6,257
Muriatic acid	"	116,994	1,888	79,980	1,701
Sulphonated oils	"	63,843	10,860	53,688	9,674
Carbon tetrachloride ...	"	4,643	334	5,142	356
Tin tetrachloride	"	12,762	3,221	2,247	584
Trisodium phosphate	"	4,863	219	8,243	581
Caustic soda	"	716,589	19,239	1,004,084	26,888
Other chemicals, not specified	-	-	99,867	-	117,287
Rubberizing materials ...	-	-	3,645	-	2,930
All other materials	-	-	715,189	-	1,055,306
Packing and shipping materials	-	-	27,208	-	30,671
TOTAL COST OF MATERIALS USED	-	-	1,208,261	-	1,667,878

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1939.

Table 5. - Capital Invested, 1927 to 1939.

Year and Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery, tools and other equipment	Inventory Value of materials in hand, stocks in process, finished products, fuel and miscel- laneous supplies on hand	Operating Capital (cash, bills and accounts receiv- able, Prepaid Expenses, etc.)	
	\$	\$	\$	\$
1927	3,347,225	293,274	407,988	4,048,487
1928	3,537,793	314,624	426,309	4,278,726
1929	3,618,696	366,353	463,370	4,448,419
1930	3,492,301	342,841	429,681	4,264,823
1931	3,867,232	299,411	538,753	4,705,396
1932	3,768,817	247,243	672,290	4,688,350
1933	4,153,111	620,936	853,759	5,627,806
1934	4,000,270	532,581	864,770	5,397,621
1935	3,927,789	424,633	904,607	5,257,029
1936	4,102,636	415,576	743,343	5,261,555
<u>1 9 3 7</u>				
CANADA	4,046,792	531,197	473,211	5,051,200
Ontario	1,857,153	371,131	203,807	2,432,091
Quebec and Nova Scotia ...	2,189,639	160,066	269,404	2,619,109
<u>1 9 3 8</u>				
CANADA	4,423,174	349,257	435,518	5,207,949
Ontario	2,224,960	224,475	196,410	2,645,845
Quebec and Nova Scotia ..	2,198,214	124,782	239,108	2,562,104
<u>1 9 3 9</u>				
CANADA	4,394,957	810,849	791,881	5,997,687
Ontario	2,180,675	635,702	487,597	3,303,974
Quebec and Nova Scotia ...	2,214,282	175,147	304,284	2,693,713

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1939.

Table 6. - Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada, for 1938
and 1939, Grouped According to the Size of Establishment.

Establishments having a production of -	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
<u>1 9 3 8</u>	No.	\$	No.	\$	\$	\$
Under \$5,000	3)	106,820	57	54,397	20,320	115,603
\$5,000 to \$25,000	7)					
\$25,000 to \$50,000	4)	580,398	114	103,421	59,777	297,395
\$50,000 to \$100,000	2)					
\$100,000 to \$500,000	8)	4,520,731	309	800,880	1,128,164	2,917,282
\$500,000 to \$1,000,000	1)					
TOTAL	25	5,207,349	980	958,698	1,208,261	3,330,280
<u>1 9 3 9</u>						
Under \$5,000	2)	109,570	61	65,353	24,608	131,230
\$5,000 to \$25,000	9)					
\$25,000 to \$50,000	3)	1,131,930	129	191,440	55,478	244,288
\$50,000 to \$100,000	2)					
\$100,000 to \$500,000	8)	4,756,187	892	893,875	1,537,792	3,551,950
\$500,000 to \$1,000,000	2)					
TOTAL	26	5,997,687	1,082	1,150,668	1,667,878	3,927,468

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1939.

Table 7. - Employees by Sex and Remuneration, 1938 and 1939.

			1 9 3 8	1 9 3 9
Salaried Employees -				
Total	No.		153	195
Male	No.		121	146
Female	No.		32	49
Total salaries	\$		334,105	413,452
Wage-earners -				
Monthly average	No.		827	887
Male	No.		687	735
Female	No.		140	152
Total wages	\$		624,593	737,216
Total Employees -				
Total	No.		980	1,082
Male	No.		808	881
Female	No.		172	201
Total salaries and wages	\$		958,698 --	1,150,668

Table 8. - Monthly Employment of Wage-earners, 1937 to 1939.

Months	1 9 3 7			1 9 3 8			1 9 3 9		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January ...	724	156	880	730	146	876	735	150	885
February ..	743	156	899	734	146	880	736	146	882
March	750	155	905	734	143	877	737	151	888
April	746	157	903	711	145	856	733	154	887
May	730	151	881	686	139	825	689	150	839
June	729	151	880	665	142	807	690	146	836
July	746	151	897	630	147	777	689	150	839
August	746	151	897	639	130	769	710	145	855
September ..	753	152	905	687	127	814	738	153	891
October	781	160	941	672	136	808	730	152	882
November ...	775	158	933	675	138	813	797	158	955
December ...	741	158	899	676	137	813	785	162	947
MONTHLY AVERAGE ...	748	156	904	687	140	827	735	152	887

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1939.

Table 9. - Average Weekly Earnings and Number of Wage-earners in the Month of Normal Employment with their Regular Hours of Work, 1938 and 1939.

Number of Hours Worked per Week	Number of Employees			
	M a l e		F e m a l e	
	1938	1939	1938	1939
30 hours or less	24	38	11	5
31 - 43 hours	29	54	19	8
44 hours	20	29	9	5
45 - 47 hours	71	58	24	8
48 hours	45	99	14	18
49 - 50 hours	217	210	56	91
51 - 54 hours	155	77	3	23
55 hours	76	105	13	1
56 - 64 hours	67	45	-	-
65 hours and over	19	11	-	-
Average hours per week	50.4	48.6	45.6	48.1
Average weekly earnings	\$18.33	17.36	12.53	12.64

The above table does not include overtime.

Table 10. - Power Equipment, 1938 and 1939.

Classes of Power	1 9 3 8		1 9 3 9	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines				
In use	2	45	3	50
Idle	-	-	1	70
Electric motors operated by purchased power				
In use	823	3,998	832	4,142
Idle	15	114	16	95
TOTAL POWER USED IN MANUFACTURING	840	4,157	852	4,357
Boiler installation				
In use	22	3,269	22	3,586
Idle	1	125	4	525

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1939.

Table 11. - Consumption of Fuel and Electricity, 1933 and 1939.

Kinds of Fuel	Unit of Measure	1 9 3 8		1 9 3 9	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal -	Ton				
Bituminous	(2,000 lb.)	26,099	167,677	27,044	175,453
Anthracite	"	1,671	8,730	2,304	13,036
Wood	Cord	2	14	3	22
Fuel Oil	Imp. Gal.	-	-	123,768	4,836
Gas -					
Manufactured	M cu. ft.	297	268	1,227	1,018
Natural	" " "	1,613	1,216	660	496
Other Fuel	-	-	-	-	14
TOTAL COST OF FUEL	-	-	177,905	-	194,875
Electricity purchased (including service charges)	Kw. H.	3,215,487	42,739	3,908,395	49,162
TOTAL COST OF FUEL AND ELECTRICITY	-	-	220,644	-	244,037

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1939.

A P P E N D I X

NOVA SCOTIA

Critchers Dye Works,

Vancouver Street, Yarmouth North.

QUEBEC

Paul Barrette,	444 St. Paul Street East, Montreal.
Canada Pad & Sponging Inc.,	460 St. Catherine Street West, Montreal.
Gordon Doak Company,	Little Forks Lane, Lennoxville.
Dominion Silk Dyeing & Finishing Co. Ltd.,	35 Heriot Street, Drummondville.
Dominion Silk Printing, Limited,	Heriot Street, Drummondville.
Franco Canadian Dyers Limited,	159 Cousins Street, St. Johns.
Jas. Fraser & Sons,	52 Nazareth Street, Montreal.
Globe Hat Works, Limited,	74 Turgeon Street, Montreal.
Holdsworth Company, Limited,	498 Ash Avenue, Montreal.

ONTARIO

Aberfoyle Manufacturing Company,	Metcalf Street, Guelph.
Armstrong Dye Works,	84 Simcoe Street West, Hamilton.
Farquhar Textile Printing Co.,	204 King Street East, Toronto.
Frank P. Flake,	68 Claremont Street, Toronto.
Guaranty Silk Dyeing & Finishing Company,	40 Phelps Street, St. Catharines.
Holdsworth & Company,	7 Ontario Street, Toronto.
Holdsworth Company, Limited,	347-9 Carlaw Avenue, Toronto.
Hughes & Company,	786 King Street West, Toronto.
Dyers & Rubberizers, Limited,	251 Sorauren Avenue, Toronto.
R. W. Matthewman & Sons,	227 Sterling Road, Toronto.
Novelty Textile Printing Works,	119 Pearl Street, Toronto.
W. Robinson & Son, Converters, Limited,	Woodbridge, (H.O. - 55 Wellington St., Toronto).
Summit Dyeing Company, Limited,	590 King Street West, Toronto.
The Barrie Glove & Knitting Company, Ltd.,	40 Ontario Street South, Kitchener.
The Cobourg Dyeing Company, Limited,	William Street, Cobourg.
Toronto Dyeing & Finishing Works,	356-370 Dufferin Street, Toronto.

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