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**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**CENSUS OF INDUSTRY**

**GENERAL MANUFACTURES BRANCH**

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**REPORT**

**ON THE**

**DYEING & FINISHING OF TEXTILE GOODS**

**IN**

**CANADA**

**1935**

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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
GENERAL MANUFACTURES BRANCH  
OTTAWA . CANADA

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DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1935.

In 1935 reports were received from twenty-three 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-three establishments in 1935 amounted to \$5,257,029. Employment was furnished to 997 persons who were paid the sum of \$1,008,600 in salaries and wages, while the gross value of the work performed amounted to \$4,004,734.

This industry is confined to the provinces of Ontario, Quebec and Nova Scotia. Ontario, with fourteen establishments, employed 533 persons, while Quebec with eight establishments and Nova Scotia with one together employed 464. Ontario employed 49.4 per cent of the capital and 53.4 per cent of the total number of employees.

Conditions in this industry improved materially during 1935. Compared with the previous year the number of employees was increased by fifty-seven or 6.0 per cent, while the total paid in salaries and wages was \$76,879, or 8.2 per cent higher. The gross value of the work performed by these establishments was \$4,004,734, an increase of \$226,082 or 6 per cent over the value in 1934. The value added by the work performed, however, increased by only \$159,083, this being due to an increase of \$56,835 in the cost of materials. The capital invested shows a slight decline of \$140,592 or 2.6 per cent, of which \$72,481 was in the form of fixed capital such as buildings, machinery, etc., and \$68,111 working capital.

The gross value of the work performed in 1935 amounted to \$4,004,734, of which \$2,210,464 or approximately 55 per cent was connected with the dyeing and finishing of textiles. The dyeing and finishing of yarns amounted to \$1,303,782, or 32 per cent, while the printing and painting of fabric and all other work totalled \$490,488. The various items are shown in detail in table 3.

As indicated in table 7, there is little or no seasonal variation in employment in this industry. The great majority of the wage-earners are male, and numbered 699, or 82 per cent in 1935, while the female wage-earners totalled 146. The average wage was \$814 as compared to \$789 in 1934, and the average salary rose from \$2,069 in that year to \$2,112 in 1935.



DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1935.

Table 1. -- Principal Statistics, 1927-1935.

Year and Provinces	Estab- lish- ments	Capital Invested	Em- ployees	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
<u>1 9 3 3</u>						
CANADA .....	22	5,627,806	864	854,751	1,204,498	3,175,049
Ontario .....	14	2,823,141	472	474,791	911,387	2,030,753
Quebec .....	8	2,804,665	392	379,960	293,111	1,144,296
<u>1 9 3 4</u>						
CANADA .....	24	5,397,621	940	931,721	1,504,033	3,778,652
Ontario .....	15	2,564,157	503	514,660	1,161,499	2,416,080
Quebec and Nova Scotia ...	9	2,833,464	437	417,061	342,534	1,362,572
<u>1 9 3 5</u>						
CANADA .....	23	5,257,029	997	1,008,600	1,560,868	4,004,734
Ontario .....	14	2,596,889	533	551,622	1,195,988	2,573,929
Quebec and Nova Scotia ...	9	2,660,140	464	456,978	364,880	1,430,805

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1935.

Table 2. - Comparison of Principal Statistics, 1934 and 1935.

Items	1934	1935	+ Increase - Decrease
Establishments reporting ..... No.	24	23	- 1
Capital invested ..... \$	5,397,621	5,257,029	- 140,592
Employees on salaries -			
Total ..... No.	148	152	+ 4
Male ..... No.	113	115	+ 2
Female ..... No.	35	37	+ 2
Total salaries ..... \$	306,311	321,088	+ 14,777
Employees on wages -			
Monthly average ..... No.	792	845	+ 53
Male ..... No.	650	699	+ 49
Female ..... No.	142	146	+ 4
Total wages ..... \$	625,410	687,512	+ 62,102
Power equipment -			
Units ..... No.	728	775	+ 47
Horse-power capacity ..... H.P.	3,931	4,055	+ 124
Cost of fuel and electricity ... \$	231,637	241,801	+ 10,164
Cost of materials used ..... \$	1,504,033	1,560,868	+ 56,835
Gross value of work performed .. \$	3,778,652	4,004,734	+ 226,082
Value added by work performed .. \$	2,042,982	2,202,982	+ 159,083

## DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1935.

Table 3. - Value of Work Performed, 1934 and 1935.

Principal Items	Unit of Measure	1 9 3 4		1 9 3 5	
		Quantity	Value at Plant \$	Quantity	Value at Plant \$
Dyeing and finishing of textile fabrics -					
Silk, real .....	Yard	3,516,043	397,503	3,121,251	370,965
Silk, artificial .....	"	3,109,646	190,223	3,988,629	266,057
Cotton .....	"	8,876,258	205,687	10,213,270	226,580
Wool .....	"	4,927,209	627,519	3,721,577	454,066
Other, not specified ..	"	-	687,785	9,769,863	892,796
Dyeing, finishing and mercerizing of yarns -					
Cotton .....	Pound	1,264,276	1,115,749	1,427,901	1,203,057
Silk, artificial .....	"	40,189	10,089	42,919	11,646
All other, including wool .....	"	-	64,224	-	89,079
Printing and painting on textile fabrics .....	Yard	2,978,676	250,941	3,206,948	302,377
Dyeing and finishing of other products, hosiery, hat bodies, straw braids and rubberizing, mercerizing and water-proofing of fabrics .....	"	-	134,003	-	95,404
Bleaching, shrinking and sponging .....	"	-	94,929	-	92,707
TOTAL VALUE OF WORK PERFORMED .....	"	-	3,778,652	-	4,004,734

## DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1935.

Table 4. - Materials Used, 1934 and 1935.

Principal Materials	Unit of Measure	1934		1935	
		Quantity	Cost Value at Plant	Quantity	Cost Value at Plant
			\$		\$
Aniline and other dyes -					
Sulphur colours .....	Pound	117,175	72,035	67,127	38,709
Direct colours .....	"	53,024	54,476	56,090	58,874
Indirect colours .....	"	12,786	12,543	12,571	14,279
Acid or basic colours ..	"	126,700	85,513	67,020	48,768
Other colours and dyes ..	"	35,734	18,001	146,675	97,455
Alum .....	"	86,384	1,176	76,210	1,060
Common salt (sodium chloride) .....	"	1,719,970	11,257	2,327,718	10,322
Chloride of lime .....	"	17,004	392	27,336	655
Glauber's salt .....	"	605,690	7,527	702,829	8,668
Soda ash .....	"	497,328	10,255	419,909	8,014
Soaps .....	"	600,639	39,025	650,828	44,273
Starch .....	"	191,120	10,019	220,449	10,916
Other weighting materials.	"	"	32,176	-	26,338
Liquid ammonia .....	Pound	65,786	2,586	59,020	2,248
Liquid chlorine .....	"	150,104	5,495	140,819	4,297
Gasoline and benzine .....	Gallon	404	112	1,210	469
Alcohol .....	Prf. Gal.	325	224	345	249
Hydrogen peroxide .....	Pound	61,279	14,115	70,122	16,065
Sulphuric acid 66° Bé ..	"	213,488	4,113	277,320	5,332
Acetic acid .....	"	71,347	6,204	85,573	6,739
Formic acid .....	"	49,914	6,621	95,599	8,025
Muriatic acid .....	"	346,757	5,267	304,693	4,612
Sulphonated oils .....	"	16,203	16,731	23,789	22,820
Carbon tetrachloride .....	"	8,675	805	7,538	609
Tin tetrachloride .....	"	459,414	125,772	468,140	126,172
Tri sodium phosphate .....	"	14,034	560	17,286	704
Caustic soda .....	"	"	-	630,986	24,743
Other chemicals, not specified .....	"	"	141,718	"	128,440
Rubberizing materials .....	"	"	6,975	"	5,149
All other materials .....	"	"	790,018	"	795,861
Packing and shipping materials .....	"	"	22,322	"	40,003
TOTAL COST OF MATERIALS USED .....			1,504,033		1,560,868



DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1935.

Table 5. - Capital Invested, 1927-1935.

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, Fuel and Mis- cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, 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	284,422	14,989	538,753	4,705,396
1932 .....	3,768,817	236,501	10,742	672,290	4,688,350
<u>1 9 3 3</u>					
CANADA .....	4,153,111	565,897	55,039	853,759	5,627,806
Ontario .....	2,060,495	396,875	46,039	319,732	2,823,141
Quebec .....	2,092,616	169,022	9,000	534,027	2,804,665
<u>1 9 3 4</u>					
CANADA .....	4,000,270	471,319	61,262	864,770	5,397,621
Ontario .....	1,892,374	264,814	49,292	357,677	2,564,157
Quebec and Nova Scotia .....	2,107,896	206,505	11,970	507,093	2,833,464
<u>1 9 3 5</u>					
CANADA .....	3,927,789	424,633		904,607	5,257,029
Ontario .....	1,832,034	262,098		502,757	2,596,889
Quebec and Nova Scotia .....	2,095,755	162,535		401,850	2,660,140



DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1935.

Table 6. -- Employees by Sex and Remuneration, 1934 and 1935.

		1 9 3 4	1 9 3 5
<b>Salaried Employees --</b>			
Total .....	No.	148	152
Male .....	No.	113	115
Female .....	No.	35	37
Total salaries .....	\$	306,311	321,088
<b>Wage-earners --</b>			
Monthly average .....	No.	792	845
Male .....	No.	650	699
Female .....	No.	142	146
Total wages .....	\$	625,410	687,512
<b>Total Employees --</b>			
Total .....	No.	940	997
Male .....	No.	763	814
Female .....	No.	177	183
Total salaries and wages .....	\$	931,721	1,008,600

Table 7. -- Monthly Employment of Wage-earners, 1933-1935.

Months	1 9 3 3			1 9 3 4			1 9 3 5		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January .....	571	110	681	646	140	786	661	142	803
February .....	575	139	714	669	147	816	664	147	811
March .....	589	147	736	653	145	798	699	150	849
April .....	573	144	717	654	146	800	707	146	853
May .....	577	143	720	637	145	782	701	146	847
June .....	582	138	720	605	135	740	693	145	838
July .....	582	137	719	625	134	759	667	143	810
August .....	600	139	739	686	134	820	702	139	841
September .....	621	137	758	670	136	806	715	148	863
October .....	632	138	770	635	139	774	734	146	880
November .....	602	147	749	666	145	811	713	149	862
December .....	606	138	744	654	147	801	717	150	867
<b>MONTHLY AVERAGE</b>	<b>594</b>	<b>138</b>	<b>732</b>	<b>650</b>	<b>142</b>	<b>792</b>	<b>699</b>	<b>146</b>	<b>845</b>

# DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1935.

Table 8. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1934 and 1935.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1934	1935		1934	1935
40 hours or less .....	87	61	51-53 hours .....	74	81
41-43 hours .....	18	37	54 hours .....	7	73
44 hours .....	42	20	55 hours .....	263	240
45-47 hours .....	71	103	56-59 hours .....	49	68
48 hours .....	38	15	60 hours and over .....	27	112
49-50 hours .....	246	191			

The above table does not include overtime.

Table 9. - Power Installation, 1934 and 1935.

Classes of Power	1 9 3 4		1 9 3 5			
			Ordinarily in Use		In Reserve or Idle	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines .....	5	116	4	155	2	11
Electric motors operated by purchased power .....	723	3,815	757	3,787	12	102
TOTAL POWER USED IN MANUFACTURING .....	728	3,931	761	3,942	14	113
Boiler installation .....	31	4,726	32	2,837		

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1935.

Table 10. Consumption of Fuel and Electricity, 1934 and 1935.

Kinds of Fuel	Unit of Measure	1 9 3 4		1 9 3 5	
		Quantity	Cost Value	Quantity	Cost Value
			at Factory		at Factory
			\$		\$
Coal ..	Ton				
Bituminous .....	(2000 Lb.)	27,601	174,931	29,235	182,534
Anthracite .....	"	1,350	6,075	1,994	9,272
Wood .....	Cord	2	14	2	16
Gas, manufactured .....	M cu. ft.	1,102	1,028	1,314	1,222
Gas, natural .....	M cu. ft.	2,187	1,647	2,363	1,779
Other fuel .....	"	-	1,261	-	431
TOTAL COST OF FUEL		-	184,956	-	195,254
Electricity purchased (including service charges) .....	Kw. H.	3,424,024	46,681	3,928,952	46,547
TOTAL COST OF FUEL AND ELECTRICITY .....		-	231,637	-	241,801

A P P E N D I X

NOVA SCOTIA

Yarmouth Dye Works,

Yarmouth.

QUEBEC

Art Fabric Printing Company,  
Canada Pad and Sponging Limited,  
Dominion Silk Dyeing & Finishing  
Company Limited,  
Dominion Silk Printing Limited,  
Franco Canadian Dyers Limited,  
Jas. Fraser & Sons,  
Globe Hat Works Limited,  
Holdsworth Company Limited,

757 Vitre Street, Montreal.  
460 St. Catherine Street West, Montreal.  
35 Heriot Street, Drummondville.  
Heriot Street, Drummondville.  
149 Cousins Street, St. Johns.  
52 Nazareth Street, Montreal.  
74 Turgeon Street, Montreal.  
498 Ash Avenue, Montreal.

ONTARIO

Aberfoyle Manufacturing Company,  
Armstrong Dye Work,  
R. H. Comey & Company Limited,  
Griffin Dyeing Company Limited,  
Guaranty Silk Dyeing & Finishing Co.,

Metcalfe Street, Guelph.  
84 Simcoe Street West, Hamilton.  
68 Claremont Street, Toronto.  
225 Sterling Road, Toronto.  
30 Phelps Street, St. Catharines.



DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1935.ONTARIO - (Concl'd.)

Holdsworth & Company,	7 Ontario Street, Toronto.
Hughes & Company,	786 King Street West, Toronto.
Dyers and Rubberizers Limited,	1127 Dundas Street East, London.
Novelty Textile Printing Works,	119 Pearl Street, Toronto.
W. Robinson & Son, Converters Limited,	Woodbridge. (H.O. - 55 Wellington Street, 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 and Finishing Works,	356-370 Dufferin Street, Toronto.

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