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REPORT
ON THE
DYEING & FINISHING OF TEXTILE GOODS
IN
CANADA
1934

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OTTAWA
1935

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, 1934.

In 1934 reports were received from twenty-four 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 does 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-four establishments in 1934 amounted to \$5,397,621. Employment was furnished to 940 persons who were paid the sum of \$931,721 in salaries and wages, while the gross value of the work performed amounted to \$3,778,652.

This industry is confined to the provinces of Ontario, Quebec and Nova Scotia. Ontario with fifteen establishments employed 503 persons, while Quebec with nine establishments and Nova Scotia with one together employed 437. Ontario employed 47.5 per cent of the capital and 53.4 per cent of the total number of employees.

Conditions in this industry improved materially during 1934. Compared with the previous year the number of employees was increased by seventy-six or 8.8 per cent, while the total paid in salaries and wages was \$76,970 or 9 per cent higher. The gross value of the work performed by these establishments was \$3,778,652, an increase of \$603,603 or 19 per cent over the value in 1933. The value added by the work performed, however, increased by only \$304,068, this being due to an increase of \$299,535 in the cost of materials. The capital invested shows a slight decline of \$230,185 or 4.2 per cent of which \$152,841 was in the form of fixed capital such as buildings, machinery, etc., and \$77,344 working capital.

The gross value of the work performed in 1934 amounted to \$3,778,652 of which \$2,108,717 or approximately 55 per cent was connected with the dyeing and finishing of textiles. The dyeing and finishing of yarns amounted to \$1,190,062 or 31 per cent, while the printing and painting of fabric and all other work totalled \$479,873. 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 650 or 81 per cent in 1934, while the female wage-earners totalled 142. The average wage was \$789 as compared to \$777 in 1933, but the average salary dropped from \$2,154 in that year to \$2,069 in 1934.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1934.

Table 1. - Principal Statistics, 1927-1934.

Year and Provinces	Estab- lish- ments Report- ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Work Performed	Value added by Work Performed
	No.	\$	No.	\$	\$	\$	\$
1927	17	4,048,487	786	851,537	789,783	2,673,852	1,884,069
1928	18	4,278,726	930	986,013	824,475	3,104,193	2,279,718
1929	17	4,448,419	967	1,021,752	1,053,505	3,517,507	2,464,002
1930	19	4,264,823	847	891,822	611,772	2,776,784	2,165,012
1931	19	4,705,396	847	945,002	754,646	2,893,333	2,138,687
<u>1 9 3 2</u>							
CANADA	19	4,688,350	762	804,100	619,662	2,537,348	1,917,686
Ontario	12	2,021,370	383	435,930	276,124	1,171,486	895,362
Quebec	7	2,666,980	379	368,170	343,538	1,365,862	1,022,324
<u>1 9 3 3</u>							
CANADA	22	5,627,806	864	854,751	1,204,498	3,175,049	1,970,551
Ontario	14	2,823,141	472	474,791	911,387	2,030,753	1,119,366
Quebec	8	2,804,665	392	379,960	293,111	1,144,296	851,185
<u>1 9 3 4</u>							
CANADA	24	5,397,621	940	931,721	1,504,033	3,778,652	2,274,619
Ontario	15	2,564,157	503	514,660	1,161,499	2,416,080	1,254,581
Quebec and Nova Scotia .	9	2,833,464	437	417,061	342,534	1,362,572	1,020,038

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA. 1934.

Table 2. - Comparison of Principal Statistics, 1933 and 1934.

Items	1 9 3 3	1 9 3 4	+ Increase - Decrease
Establishments reporting No.	22	24	+ 2
Capital invested \$	5,627,806	5,397,621	- 230,185
Employees on salaries -			
Total No.	132	148	+ 16
Male No.	98	113	+ 15
Female No.	34	35	+ 1
Total salaries \$	284,437	306,311	+ 21,874
Employees on wages -			
Monthly average No.	732	792	+ 60
Male No.	594	650	+ 56
Female No.	138	142	+ 4
Total wages \$	570,314	625,410	+ 55,096
Power equipment -			
Units No.	600	728	+ 128
Horse-power capacity H.P.	3,358	3,931	+ 573
Cost of fuel and electricity \$	176,208	231,637	+ 55,429
Cost of materials used \$	1,204,498	1,504,033	+ 299,535
Gross value of work performed ... \$	3,175,049	3,778,652	+ 603,603
Value added by work performed ... \$	1,970,551	2,274,619	+ 304,068

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1934.

Table 3. - Value of Work Performed, 1933 and 1934

Principal Items	Unit of Measure	1 9 3 3		1 9 3 4	
		Quantity	Value at Plant	Quantity	Value at Plant
			\$		\$
Dyeing and finishing of textile fabrics -					
Silk, real	Yards	2,939,072	319,913	3,516,043	397,503
Silk, artificial ...	"	1,887,467	137,076	3,109,646	190,223
Cotton	"	9,643,881	200,088	8,876,258	205,687
Wool	"	5,027,847	636,566	4,927,209	627,519
Other, not specified	-	-	584,552	-	687,785
Dyeing and finishing of yarns -					
Cotton	Pounds	1,038,378	830,505	1,264,276	1,115,749
Silk, artificial ...	"	326,656	20,782	40,189	10,089
Wool	"	94,591	13,637	353,267	50,328
All other	-	-	22,216	-	13,896
Printing and painting on textile fabrics	Yards	2,834,127	268,124	2,978,676	250,941
Dyeing and finishing of other products, hosiery, hat bodies, straw braids and rubberizing, mercerizing and water-proofing of fabrics ...	-	-	49,711	-	134,003
Bleaching, shrinking and sponging	-	-	91,879	-	94,929
TOTAL VALUE OF WORK PERFORMED	-	-	3,175,049	-	3,778,652

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1934.

Table 4. - Materials Used, 1933 and 1934.

Principal Materials	Unit of Measure	1933		1934	
		Quantity	Cost Value at Plant	Quantity	Cost Value at Plant
			\$		\$
Aniline and other dyes ..					
Sulphur colours	Pounds	35,740	8,202	117,175	72,035
Direct colours	"	40,819	39,661	53,024	54,476
Indirect colours	"	29,192	20,863	12,786	12,543
Acid or basic colours ..	"	109,500	81,490	126,700	85,513
Other colours and dyes ..	"	95,804	65,102	35,734	18,001
Alum	"	Unable to show		86,384	1,176
Common salt (sodium chloride)	"	1,217,811	9,493	1,719,970	11,257
Chloride of lime	"	-	-	17,004	392
Glauber's salt	"	1,082,521	12,661	605,690	7,527
Soda ash	"	310,073	6,197	497,328	10,255
Soaps	"	445,361	29,410	600,639	39,025
Starch	"	178,165	7,877	191,120	10,019
Other weighting materials ..	-	-	17,466	-	32,176
Liquid ammonia	Pounds	53,986	2,216	65,786	2,586
Liquid chlorine	"	6,332	588	150,104	5,495
Gasoline and benzine ...	Gallons	4,076	1,111	404	112
Alcohol	Prf. Gal.	341	228	325	224
Hydrogen peroxide	Pounds	62,919	14,779	61,279	14,115
Sulphuric acid 66° Bé ..	"	291,337	4,549	213,488	4,113
Acetic acid	"	82,639	6,350	71,347	6,204
Formic acid	"	46,992	7,398	49,914	6,621
Muriatic acid	"	486,278	4,024	346,757	5,267
Sulphonated oils	"	9,857	10,886	16,203	16,731
Carbon tetrachloride ...	"	16,574	1,500	8,675	805
Tin tetrachloride	"	693,613	77,983	459,414	125,772
Tri-sodium phosphate ...	"	11,452	441	14,034	560
Other chemicals, not specified	-	-	55,237	-	141,716
Rubberizing materials ..	-	-	64,534	-	6,975
All other materials	-	-	625,340	-	790,018
Packing and shipping materials	-	-	28,912	-	22,322
TOTAL COST OF MATERIALS USED			1,204,498		1,504,033

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1934.

Table 5. -- Capital Invested, 1927-1934.

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
<u>1 9 3 2</u>					
CANADA	3,768,817	236,501	10,742	672,290	4,688,350
Ontario	1,778,948	87,933	9,372	145,117	2,021,370
Quebec	1,989,869	148,568	1,370	527,173	2,666,980
<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

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1934.

Table 6. - Employees by Sex and Remuneration, 1933 and 1934.

		1 9 3 3	1 9 3 4
Salaried Employees -			
Total	No.	132	148
Male	No.	98	113
Female	No.	34	35
Total salaries	\$	284,437	306,311
Wage-earners -			
Monthly average	No.	732	792
Male	No.	594	650
Female	No.	138	142
Total wages	\$	570,314	625,410
Total Employees -			
Total	No.	864	940
Male	No.	692	763
Female	No.	172	177
Total salaries and wages	\$	854,751	931,721

Table 7. - Monthly Employment of Wage-earners, 1932-1934.

	1 9 3 2			1 9 3 3			1 9 3 4		
Months	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	565	93	658	571	110	681	646	140	786
February	574	102	676	575	139	714	669	147	816
March	594	105	699	589	147	736	653	145	798
April	575	98	673	573	144	717	654	146	800
May	558	94	652	577	143	720	637	145	782
June	545	88	633	582	138	720	605	135	740
July	530	87	617	582	137	719	625	134	759
August	541	87	628	600	139	739	686	134	820
September	557	96	653	621	137	758	670	136	806
October	546	95	641	632	138	770	635	139	774
November	531	94	625	602	147	749	666	145	811
December	515	87	602	606	138	744	654	147	801
MONTHLY AVERAGE	554	94	648	594	138	732	650	142	792

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1934.

Table 8. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1933 and 1934.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1933	1934		1933	1934
40 hours or less ..	58	87	51-53 hours	69	74
41-43 hours	13	18	54 hours	11	7
44 hours	30	42	55 hours	263	263
45-47 hours	62	71	56-59 hours	41	49
48 hours	29	38	60 hours	32	8
49-50 hours	148	246	Over 60 hours	102	19

The above table does not include overtime.

Table 9. - Power Installation, 1933 and 1934.

Classes of Power	1 9 3 3			1 9 3 4		
	Number of Units	Manufacturers' Rating of Horse-power Capacity		Number of Units	Manufacturers' Rating of Horse-power Capacity	
Steam engines and steam turbines	2	170		5	116	
Electric motors operated by purchased power ...	598	3,288		723	3,815	
TOTAL POWER USED IN MANUFACTURING	600	3,458		728	3,931	
Boiler installation	26	4,408		31	4,726	

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1934.

Table 10. - Consumption of Fuel and Electricity, 1933 and 1934.

Kinds of Fuel	Unit of Measure	1 9 3 3		1 9 3 4	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal -	Ton				
Bituminous	(2000 Lb.)	19,370	121,598	27,601	174,931
Anthracite	"	2,408	10,138	1,350	6,075
Wood	Cord	-	-	2	14
Gas, manufactured	M cu. ft.	632	779	1,102	1,028
Gas, natural	" " "	4,153	3,121	2,187	1,647
Other fuel	-	-	-	-	1,261
TOTAL COST OF FUEL		-	135,636	-	184,956
Electricity purchased (including service charges)	Kw. H.	2,356,435	40,572	3,424,024	46,681
TOTAL COST OF FUEL AND ELECTRICITY .		-	176,208	-	231,637

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,

757 Vitre Street, Montreal.
460 St. Catherine Street West, Montreal.

Limited,
Dominion Silk Printing Limited,
Franco Canadian Dyers Limited,
Jas. Fraser & Sons,
Globe Hat Works Limited,
Holdsworth Company Limited,

35 Heriot Street, Drummondville.
Heriot Street, Drummondville.
145 Cousins Street, St. John's.
52 Nazareth Street, Montreal.
74 Turgeon Street, Montreal.
2070 Favard Street, Montreal.

ONTARIO

Aberfoyle Manufacturing Company,
Ammann Dye Works,
Armstrong Dye Work
R. H. Comey & Company Limited,
Griffin Dyeing Company Limited,

Metcalf Street, Guelph.
231 Front Street East, Toronto.
Wentworth Street North, Hamilton.
68 Claremont Street, Toronto.
225 Sterling Road, Toronto.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1934.

ONTARIO - (Concl'd.)

Guaranty Silk Dyeing & Finishing Company,	30 Phelps Street, St. Catharines.
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 & Finishing Works,	356-370 Dufferin Street, Toronto.

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