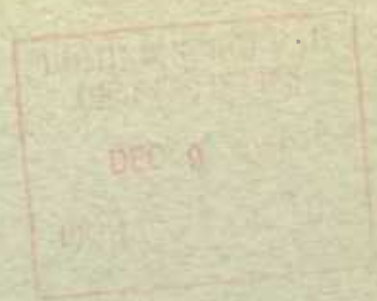


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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

REPORT

ON THE

DYEING & FINISHING OF TEXTILE GOODS

IN

CANADA

1932

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES DIVISION
OTTAWA - CANADA

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THE DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1932.

Reports were received from nineteen establishments in 1932, whose principal occupation was the dyeing and finishing of textile fabrics, yarns, etc. Twelve of these establishments were located in Ontario and the remaining seven in Quebec.

They reported a gross value of work performed amounting to \$2,537,348 which was a decrease of \$355,985 or 12.3 per cent from the 1931 amount. The capital investment, \$4,688,350 in 1932, also showed a decrease of \$17,046 or .4 per cent. 762 persons were furnished employment, a decrease of eighty-five persons or ten per cent and their remuneration, amounting to \$804,100, also decreased by \$140,902 or 14.9 per cent in comparison with 1931. The cost of all materials used was \$619,662, \$134,984 or 17.9 per cent lower than in 1931, while the value added by manufacture dropped to \$1,917,686, a loss of \$221,001 or 10.4 per cent.

The following table illustrates, by provinces, the actual variations in 1932 in comparison with 1931.

Provinces	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Work Performed	Value added by Manufacture
	\$	No.	\$	\$	\$	\$
CANADA ..	17,046	85	140,902	134,984	355,985	221,001
Ontario	212,623	85	129,185	151,074	273,585	122,511
Quebec	195,577		11,717	16,090	82,400	98,490

The gross value of work performed in 1932 amounted to \$2,537,348 and of this amount the dyeing and finishing of textiles accounted for \$2,012,713 or over seventy-nine per cent of the total value. In 1931 the value was \$2,536,093 or over eighty-seven per cent. 20,449,200 yards were processed in 1932, however, in comparison with 17,989,971 yards in 1931, the average cost per yard being 9.8 cents in 1932 and 14.1 cents in 1931. In 1932 dyeing and finishing of yarns accounted for \$20,821, dyeing and finishing of hosiery, hat bodies, straw braids and other items cost \$88,872 and the cost of rubberizing, waterproofing and mercerizing of fabrics was valued at \$244,488. Shrinking of cloths accounted for \$62,252 in 1932 and \$66,977 in 1931.

Various chemicals and dyes constituted the principal materials used in this industry. They are shown in considerable detail in table 4 of this report.

THE DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1932.

The capital investment shows very little variation in this industry, there being a slight decline of \$17,046 in 1932 in comparison with 1931.

Employees, salaried and otherwise, showed a decline of eighty-five in 1932 and their salaries and wages \$140,902. Employment was fairly steady throughout the year, the maximum month of employment being March with 699 persons and the minimum December with 602. In 1931 April was the maximum with 768 persons and December the minimum with 667.

The following tables illustrate the activities of this industry in detail.

Table 1. - Principal Statistics, 1927-1932.

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 Manufacture
	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
<u>1 9 3 0</u>							
CANADA ..	19	4,264,823	847	891,822	611,772	2,776,784	2,165,012
Ontario	15	2,010,542	502	547,878	288,299	1,382,453	1,094,154
Quebec	4	2,254,281	345	343,944	323,473	1,394,331	1,070,858
<u>1 9 3 1</u>							
CANADA ..	19	4,705,396	847	945,002	754,646	2,893,333	2,138,687
Ontario	14	2,233,993	468	565,115	427,198	1,445,071	1,017,873
Quebec	5	2,471,403	379	379,887	327,448	1,448,262	1,120,814
<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

THE DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1932.

Table 2. - Comparison of Principal Statistics, 1931 and 1932.

Items		1 9 3 1	1 9 3 2	/ Increase - Decrease
Establishments reporting	No.	19	19	-
Capital invested	\$	4,705,396	4,688,350	- 17,046
Employees on salaries -				
Total	No.	128	114	- 14
Male	No.	100	87	- 13
Female	No.	28	27	- 1
Total salaries	\$	296,212	252,802	- 43,410
Employees on wages -				
Monthly average	No.	719	648	- 71
Male	No.	622	554	- 68
Female	No.	97	94	- 3
Total wages	\$	648,790	551,298	- 97,492
Power equipment -				
Units	No.	507	494	- 13
Horse-power capacity	H.P.	3,039	2,999	- 40
Cost of fuel and electricity	\$	171,564	171,971	/ 407
Cost of materials used	\$	754,646	619,662	- 134,984
Gross value of production	\$	2,893,333	2,537,348	- 355,985
Value added by manufacture	\$	2,138,687	1,917,686	- 221,001

Table 3. - Value of Work Performed in 1931 and 1932.

Principal Items	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Value at Plant	Quantity	Value at Plant
			\$		\$
Dyeing and finishing of textile fabrics ..	Yard	17,989,971	2,536,093		
Silk, real	"			2,469,299	373,888
Silk, artificial ..	"			1,885,467	146,495
Cotton	"			6,404,657	150,535
Wool	"			3,613,804	456,098
^x Other, not specified	"			6,075,973	885,697
Dyeing and finishing of yarns -	Pound				
Silk, real	"			4,400	2,240
Silk, artificial ..	"			63,633	12,909
All other	"			46,421	5,672

^x Included in this item is the dyeing and finishing of silk, cotton, wool and other fabrics which have not been definitely specified.

THE DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1932.

Table 3. - Value of Work Performed in 1931 and 1932. - (Concl'd.)

Principal Items	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Value at Plant \$	Quantity	Value at Plant \$
Carried Forward			2,536,093		2,033,534
Dyeing and finishing of other products, hosiery, hat bodies, straw braids, etc.					88,872
Rubberizing, mercerizing and waterproofing of fabrics	Yard			1,365,866	244,488
Shrinking of cloth			66,977		62,252
All other work performed ..			290,263		108,202
TOTAL	-	-	2,893,333	-	2,537,348

Table 4. - Materials Used, 1931 and 1932.

Principal Materials	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Cost Value at Plant \$	Quantity	Cost Value at Plant \$
Aniline and other dyes ..	Pound	183,980	152,652		
Sulphur colours	"			24,355	6,486
Direct colours	"			36,738	34,221
Indirect colours ...	"			7,810	8,103
Acid or basic colours	"			70,646	55,004
Other colours and dyes	"			69,748	42,453
Alum	"	92,575	1,442	92,402	1,390
Common salt (sodium chloride)	"	1,073,740	6,038	1,015,600	6,068
Glauber's salt	"		8,909	882,836	10,519
Soda ash	"		-	424,340	8,122
Soaps	"	602,918	36,410	366,356	24,515
Starch	"	121,320	6,086	173,009	7,295
Other weighting materials	-		-		22,099
Liquid ammonia	Gal.	12,967	5,541	34,606	2,268
Liquid chlorine	Pound	-	-	50	129
Gasoline and benzine	Gal.	3,069	833	3,418	904
Alcohol	Prf. Gal.	16	35	156	149
Hydrogen peroxide	Pound	-	-	52,928	12,659
Sulphuric acid 66° Bé ..	"	-	-	172,710	3,396
Acetic acid	"	-	-	54,414	3,590

THE DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1932.

Table 4. - Materials Used, 1931 and 1932. - (Concl'd.)

Principal Materials	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Cost Value at Plant	Quantity	Cost value at Plant
			\$		\$
Carried Forward			217,946		249,370
Formic acid	Pound	---	---	18,559	2,772
Muriatic acid	"	---	---	512,514	7,199
Sulphonated oils	"	---	---	75,735	13,112
Carbon tetrachloride	"	---	---	35,293	3,021
Tin tetrachloride	"	---	---	635,145	95,780
Tri-sodium phosphate	"	---	---	6,796	266
Other chemicals, not specified	---	---	235,240	---	106,415
Rubberizing materials	---	---	---	---	2,355
All other materials	---	---	283,106	---	127,156
Packing and shipping materials	---	---	18,354	---	12,216
TOTAL	---	---	754,646	---	619,662

Table 5. - Capital Invested, 1927-1932.

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, fuel and miscellaneous 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
1 9 3 1					
CANADA	3,867,232	284,422	14,989	538,753	4,705,396
Ontario	1,917,107	102,101	14,989	199,796	2,233,993
Quebec	1,950,125	182,321	---	338,957	2,471,403

THE DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1932.

Table 5. - Capital Invested, 1927-1932. - (Concl'd.)

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.	
	\$	\$	\$	\$	\$
<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

Table 6. - Employees by Sex and Remuneration, 1931 and 1932.

		1 9 3 1	1 9 3 2
Salaried employees -			
Total	No.	128	114
Male	No.	100	87
Female	No.	28	27
Total salaries	\$	296,212	252,802
Wage-earners -			
Monthly average	No.	719	648
Male	No.	622	554
Female	No.	97	94
Total wages	\$	648,790	551,298
Total employees -			
Total	No.	847	762
Male	No.	722	641
Female	No.	125	121
Salaries and wages	\$	945,002	804,100

THE DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1932.

Table 7. - Monthly Employment of Wage-earners, 1931 and 1932.

Months	1 9 3 1			1 9 3 2		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	635	93	728	565	93	658
February	659	105	764	574	102	676
March	657	108	765	594	105	699
April	658	110	768	575	98	673
May	623	100	723	558	94	652
June	610	96	706	545	88	633
July	596	90	686	530	87	617
August	610	90	700	541	87	628
September	620	94	714	557	96	653
October	604	94	698	546	95	641
November	585	95	680	531	94	625
December	574	93	667	515	87	602
MONTHLY AVERAGE	622	97	719	554	94	648

Table 8. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1931 and 1932.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1931	1932		1931	1932
40 hours or less	2	35	51-53 hours	38	23
41-43 hours	-	3	54 hours	42	32
44 hours	43	45	55 hours	129	150
45-47 hours	14	17	56-59 hours	6	1
48 hours	108	34	60 hours	24	64
49-50 hours	392	330	Over 60 hours	9	1

The above table does not include overtime.

THE DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1932.

Table 9. - Power Installation, 1931 and 1932.

Classes of Power	1 9 3 1		1 9 3 2	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines	3	118	4	123
Electric motors operated by purchased power	504	2,921	490	2,876
TOTAL POWER USED IN MANUFACTURING	507	3,039	494	2,999
Total Electric Motors.	504	2,921	490	2,876
Boiler installation	24	4,035	23	4,012

Table 10. - Consumption of Fuel and Electricity, 1931 and 1932.

Kinds of Fuel	Unit of Measure	1 9 3 1		1 9 3 2	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal -	Ton				
Bituminous	(2000 Lbs.)	19,677	122,749	19,371	120,762
Anthracite	"	1,456	5,784	1,629	7,168
Coke (for fuel only).	"	20	190	-	-
Gas, manufactured ...	M cu. ft.	163	189	408	499
Gas, natural	M cu. ft.	5,856	4,398	7,529	5,653
TOTAL COST OF FUEL	-	-	133,310	-	134,032
Electricity purchased for power (including service charges) ...	K.W.H.	2,098,097	38,254	2,613,907	37,889
TOTAL COST OF FUEL AND ELECTRICITY.	-	-	171,564	-	171,971

THE DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1932.

A P P E N D I X

QUEBEC

Art Fabric Printing Company,	757 Vitre Street, Montreal.
Canadian Sponging & Dye Works Limited,	460 St. Catherine Street West, Montreal.
Dominion Silk Dyeing & Finishing Company Limited,	35 Heriot Street, Drummondville.
Dominion Silk Printing Limited,	Heriot Street, Drummondville.
Franco Canadian Dyers Limited,	159 Cousins Street, St. John.
Jas. Fraser & Sons,	52 Nazareth Street, Montreal.
Holdsworth Company Limited,	498 Ash Avenue, Montreal.

ONTARIO

Ammann Dye Works,	231 Front Street East, Toronto.
R. H. Comey & Company Limited,	68 Claremont Street, Toronto.
Griffin Dyeing Company Limited,	370 Richmond Street West, Toronto.
Guaranty Silk Dyeing & Finishing Co.,	30 Phelps Street, St. Catharines.
Holdsworth & Company,	7 Ontario Street, Toronto.
Hughes & Company,	786 King Street West, Toronto.
Middlesex Mills Limited,	1127 Dundas Street East, London.
Novelty Textile Printing Works,	119 Pearl Street, Toronto.
The Robe & Clothing Company Limited,	40 Ontario Street South, Kitchener.
W. Robinson & Son Converters Limited,	Woodbridge. (H.O. 55 Wellington Street, Toronto).
Summit Dyeing Company Limited,	590 King Street West, Toronto.
Textile & Dyers Corporation Limited,	William Street, Cobourg.

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