

34-206

Published by Authority of the Hon. James A. MacKINNON, M.P.,
Minister of Trade and Commerce.

CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

REPORT

ON THE

DYEING & FINISHING OF TEXTILE GOODS

IN

CANADA

1941



OTTAWA
1943



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

Dominion Statistician: S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.
Chief, General Manufactures Branch: A. Cohen, B.Com.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1941

In 1941 reports were received from twenty-nine 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 operations. The capital invested in these twenty-nine establishments in 1941 amounted to \$6,570,684. Employment was furnished to 1,587 persons who were paid the sum of \$1,919,936 in salaries and wages. The gross value of the work performed amounted to \$7,237,318 and the value added by work performed totalled \$3,596,356.

This industry is confined to the Provinces of Ontario, Quebec and Nova Scotia, Ontario with seventeen establishments, employed 328 persons, while Quebec, with eleven establishments, and Nova Scotia, with one together employed 759. Ontario employed 63 per cent of the capital and 52 per cent of the total number of employees.

This industry operated at a considerably higher level in 1941. Compared with the previous year there was an increase of \$2,352,280 or 43 per cent in the value of work performed, with an increase of \$1,617,259 or 39 per cent in the value added by work performed. Reflected in the increased output was the increase of 277 in the number of persons employed and \$546,792 in the amount of salaries and wages paid. The capital invested was also \$1,235,540 higher.

The gross value of the work performed in 1941 amounted to \$7,237,318 of which \$3,735,650 or approximately 52 per cent, was represented by the dyeing and finishing of textile fabrics. The dyeing and finishing of yarns amounted to \$2,545,559 or 35 per cent, while the printing and painting of fabric and all other work totalled \$926,199. The various items are shown in detail in table 3.

As indicated in table 2, there is little or no seasonal variation in employment in this industry. The great majority of the wage-earners are male, and numbered 1,060 or 80 per cent of the total in 1941 while the female wage-earners totalled 259. The average annual wages was \$967 compared to \$923 in 1940 while the average salary rose from \$2,190 in that year to \$2,356 in 1941.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1941.

Table L. - Principal Statistics, 1928 to 1941.

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.	\$	\$	\$
1928	18	4,278,726	950	986,613	324,475	3,104,193
1929	17	4,448,419	967	1,021,752	1,052,505	3,517,507
1930	19	4,264,823	847	391,322	611,772	2,773,734
1931	19	4,705,306	347	945,002	754,646	2,893,332
1932	19	4,633,350	762	304,100	613,362	2,527,348
1933	22	5,327,803	264	354,751	1,204,402	3,175,040
1934	24	5,297,621	940	951,721	1,504,033	3,773,652
1935	23	5,257,029	997	1,003,300	1,560,362	4,004,734
1936	25	5,261,555	1,025	973,797	1,422,250	3,533,592
1937	23	5,051,200	1,071	1,619,391	1,535,392	3,794,510
1938	25	5,297,949	930	953,693	1,202,261	3,250,220
<u>1939</u>						
<u>CANADA</u>	26	5,007,687	1,032	1,150,608	1,637,373	3,927,463
Ontario	13	3,333,074	593	633,745	1,333,236	2,553,127
Quebec and Nova Scotia	10	2,693,713	432	456,023	334,642	1,374,341
<u>1940</u>						
<u>CANADA</u>	28	5,335,344	1,210	1,379,114	2,910,341	4,335,033
Ontario	19	3,633,023	695	334,700	1,599,373	3,302,033
Quebec and Nova Scotia	3	1,652,321	513	494,414	411,465	1,577,000
<u>1941</u>						
<u>CANADA</u>	30	6,570,804	1,537	1,919,933	3,220,033	7,227,213
Ontario	17	4,367,560	823	1,152,712	2,527,321	4,500,324
Quebec and Nova Scotia	12	2,203,124	759	767,194	632,205	2,643,994

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, 1941.

Table 2. - Comparison of Principal Statistics, 1940 and 1941.

Items	1941	1940	+ Increase - Decrease
Establishments reporting No.	23	23	+ 1
Capital invested \$	8,570,034	5,335,344	+1,235,340
Employees on salaries -			
Total No.	277	207	+ 70
Male No.	137	140	+ 47
Female No.	90	67	+ 33
Total salaries \$	352,729	452,221	+ 100,493
Employees on wages -			
Monthly average No.	1,310	1,002	+ 308
Male No.	1,062	333	+ 729
Female No.	230	169	+ 61
Total wages \$	1,227,177	925,733	+ 301,334
Power equipment -			
Units No.	1,027	1,242	+ 215
Horse-power capacity H.P.	5,222	4,271	+ 951
Cost of fuel and electricity ... \$	414,370	294,600	+ 119,770
Cost of materials used \$	5,220,030	2,010,341	+1,215,245
Gross value of work performed .. \$	7,227,312	4,325,032	+2,902,280
Value added by work performed .. \$	3,593,252	2,573,597	+1,017,250

Table 3. - Value of Work Performed, 1940 and 1941.

Principal Items	1941	1940
	Value at Plant \$	Value at Plant \$
Dyeing and finishing of textile fabrics -	3,765,650	2,651,720
Dyeing, finishing and mercerizing of yarns	2,545,559	1,311,319
Printing and painting on textile fabrics	571,270	291,427
Dyeing and finishing of other products	111,310	90,700
Rubberizing, mercerizing and waterproofing fabrics	33,143	24,247
Bleaching, shrinking and sparging	207,130	202,340
TOTAL VALUE OF WORK PERFORMED	7,227,312	4,325,032

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1941

Table 4. - Materials Used, 1940 and 1941.

Principal Materials	Unit of Measure	1941		1940	
		Quantity	Cost Value at Plant	Quantity	Cost Value at Plant
Aniline and other dyes -					
Sulphur colours	Pound	233,452	203,344	67,429	46,733
Direct colours	"	135,286	105,244	105,913	79,433
Indirect colours	"	17,645	19,234	13,006	13,644
Acid or basic colours ...	"	37,333	42,333	32,301	75,606
Other colours and dyes ..	"	145,511	162,358	185,450	157,330
Alum	"	72,696	1,344	61,265	1,010
Common salt (sodium chloride)	"	3,379,432	12,303	3,162,844	14,131
Chloride of lime	"	4,600	127	7,100	197
Glauber's salt	"	1,767,308	25,300	1,043,237	13,307
Soda ash	"	479,306	3,992	524,359	3,951
Soaps	"	571,523	53,177	514,230	33,140
Starch	"	337,229	12,715	260,325	13,209
Other weighting materials..	-	-	12,459	-	10,740
Liquid ammonia	Pound	35,230	3,116	71,016	2,437
Liquid Chlorine	"	117,236	5,325	11,000	447
Gasoline and benzine	Gallon	6,243	2,190	3,425	1,063
Alcohol	Prof. Gal.	977	920	1,772	977
Hydrogen peroxide	Pound	107,908	22,009	100,895	20,700
Sulphuric acid 66° Bé	"	543,992	12,133	323,275	7,149
Acetic acid	"	174,275	13,427	96,277	7,232
Formic acid	"	40,161	3,222	28,639	4,139
Muriatic acid	"	100,925	2,263	101,773	2,302
Sulphonated oils	"	33,005	19,045	70,654	11,433
Carbon tetrachloride	"	3,302	323	3,174	521
Trisodium phosphate	"	53,914	1,334	9,248	304
Caustic soda	"	404,349	13,321	494,347	14,326
Other chemicals, not specified	-	-	243,221	-	161,353
Rubberizing materials	-	-	5,495	-	3,904
All other materials	-	-	2,154,330	-	1,262,356
Packing and shipping materials	-	-	61,077	-	36,700
TOTAL COST OF MATERIALS USED	-	-	5,223,693	-	2,010,341

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1941.

Table 5. - Capital Invested, 1928 to 1941.

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 miscellaneous supplies on hand	Operating Capital (cash, bills and accounts receivable, Prepaid Expenses, etc.)	
	\$	\$	\$	\$
1928	3,537,793	314,624	426,309	4,278,726
1929	3,613,696	366,353	463,370	4,443,419
1930	3,492,301	342,341	429,681	4,264,323
1931	3,807,232	299,411	538,753	4,705,396
1932	3,763,817	247,243	672,290	4,683,350
1933	4,153,111	620,956	353,759	5,127,826
1934	4,220,370	532,531	864,770	5,617,671
1935	3,927,739	424,633	904,607	5,256,979
1936	4,102,636	415,576	743,343	5,261,555
1937	4,040,792	531,197	473,211	5,045,199
1938	4,423,174	349,257	435,513	5,207,944
<u>1939</u>				
CANADA	4,394,957	310,349	791,331	5,496,637
Ontario	2,180,675	635,702	487,537	3,303,914
Quebec and Nova Scotia ..	2,214,282	175,147	303,794	2,693,223
<u>1940</u>				
CANADA	3,055,095	1,235,536	1,044,713	5,335,344
Ontario	2,017,732	1,042,159	623,032	3,682,923
Quebec and Nova Scotia ..	1,037,363	193,377	421,681	1,652,421
<u>1941</u>				
CANADA	3,744,753	1,369,632	956,239	6,070,624
Ontario	2,476,173	1,435,636	403,751	4,315,560
Quebec and Nova Scotia ..	1,268,580	334,026	552,488	2,155,094

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1941.

Table 6. - Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada, for 1940 and 1941. 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
1 9 4 1	No.	\$	No.	\$	\$	\$
Under \$5,000	3	29,255	12	16,445	7,720	25,330
\$5,000 to \$25,000	4	61,982	26	31,154	9,748	69,704
\$25,000 to \$50,000	5	374,448	49	65,512	26,337	171,132
\$50,000 to \$100,000	4	291,699	97	192,815	77,454	299,333
\$100,000 to \$500,000 ...	10					
\$500,000 to \$1,000,000 .	1	5,612,319	1,404	1,712,194	5,104,797	6,671,436
\$1,000,000 and over	2					
TOTAL	29	6,570,694	1,527	1,919,906	3,226,036	7,237,313
<hr/>						
1 9 4 0						
Under \$5,000	3	24,854	16	12,390	1,637	14,270
\$5,000 to \$25,000	6	35,147	34	32,232	19,332	92,873
\$25,000 to \$50,000	6	438,209	79	81,405	42,392	222,229
\$50,000 to \$100,000	4	419,043	94	91,596	99,305	279,930
\$100,000 to \$500,000 ...	6)					
)	4,338,982	987	1,160,615	1,343,135	4,271,730
\$500,000 to \$1,000,000 .	2)					
\$1,000,000 and over	1)					
TOTAL	29	5,355,344	1,210	1,379,114	2,310,241	4,395,032

Table 7. - Employees by Sex and Remuneration, 1940 and 1941.

	1 9 4 1	1 9 4 0
Salaries Employees -		
Total	No. 277	297
Male	No. 157	140
Female	No. 90	67
Total salaries	\$ 652,729	453,321
Wage-earners -		
Monthly average	No. 1,310	1,002
Male	No. 1,060	835
Female	No. 250	163
Total wages	\$ 1,237,177	925,793
Total Employees -		
Total	No. 1,527	1,210
Male	No. 1,247	973
Female	No. 280	235
Total salaries and wages	\$ 1,919,906	1,379,114

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1941.

Table 8. - Monthly Employment of Wage-earners, 1939 to 1941.

Months	1939			1940			1941		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	735	150	885	744	149	893	976	210	1,186
February	736	148	884	745	148	893	1,043	217	1,260
March	737	151	888	746	159	905	1,097	229	1,326
April	738	154	892	749	161	910	1,075	243	1,318
May	639	150	789	715	162	877	1,025	240	1,265
June	630	146	776	693	161	854	1,017	240	1,257
July	639	150	789	871	170	1,041	1,052	243	1,295
August	710	145	855	933	165	1,098	1,102	262	1,364
September	733	133	866	960	170	1,130	1,378	262	1,640
October	730	152	882	952	177	1,129	1,078	275	1,353
November	737	153	890	970	172	1,142	1,101	276	1,377
December	735	162	897	953	173	1,126	1,069	255	1,324
MONTHLY AVERAGE	735	152	887	835	162	1,003	1,060	250	1,310

Table 9. - Average Weekly Earnings and Number of Wage-earners in the Month of Highest Employment with their Regular Hours of Work, 1940 and 1941.

Number of Hours Worked per Week	Number of Employees			
	Male		Female	
	1941	1940	1941	1940
30 hours or less	43	69	9	16
31 - 43 hours	52	84	36	23
44 hours	20	16	7	3
45 - 47 hours	92	137	34	15
48 hours	34	43	7	16
49 - 50 hours	73	69	27	65
51 - 54 hours	167	151	45	34
55 hours	76	109	27	-
56 - 64 hours	332	227	70	12
65 hours and over	222	143	3	-
Average hours per week	55.7	51.6	50.4	46.2
Average weekly earnings	\$20.63	\$18.65	\$15.17	\$12.59

DYING AND FINISHING OF TEXTILE GOODS IN CANADA, 1941.

Table 10. - Power Equipment, 1940 and 1941.

Classes of Power	1 9 4 1		1 9 4 0	
	Number of Units	Rating of Horse-power Capacity	Number of Units	Rating of Horse-power Capacity
Steam engines and steam turbines				
In use	3	65	1	5
Gasoline, Gas and oil engines - other than Diesel engines	1	70	1	70
Electric motors operated by purchased power -				
In use	1,060	4,300	1,027	4,330
Idle	33	37	10	116
TOTAL POWER USED IN MANUFACTURING	1,997	5,022	1,943	4,371
Boiler installation -				
In use	27	5,633	26	4,314
Idle	7	1,730	5	530

Table 11. - Consumption of Fuel and Electricity, 1940 and 1941.

Kinds of Fuel	Unit of Measure	1 9 4 1		1 9 4 0	
		Quantity	Cost Value at Factory \$	Quantity	Cost Value at Factory \$
Coal -	Ton				
Bituminous	(2,000 lb.)	43,433	329,797	34,250	222,830
Anthracite	"	2,223	15,151	2,049	13,421
Wood	Cord	3	34	2	15
Fuel Oil	Imp. Gal.	4,721	214	41,802	1,613
Gasoline, including gaso- line used in cars and trucks " "	" "	10,304	3,244	4,612	1,033
Gas -					
Manufactured	M cu. ft.	621	815	2,141	1,723
Natural	" " "	357	643	1,231	925
Other Fuel	-	-	276	-	3,600
TOTAL COST OF FUEL..	-	-	358,504	-	245,375
Electricity purchased (in- cluding service charges)..	Kw. H.	5,477,977	34,072	4,217,227	40,324
TOTAL COST OF FUEL AND ELECTRICITY	-	-	414,376	-	284,699

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1941.

A P P E N D I X

NOVA SCOTIA

Yarmouth Dye Works,

Vancouver Street, Yarmouth North.

QUEBEC

Paul Barrette,	444 St. Paul Street East, Montreal.
Canada Pad & Sponging Inc.,	400 St. Catherine Street West, Montreal.
Dominion Silk Dyeing & Finishing Co.Ltd.,	35 Heriot Street, Drummondville.
Dominion Silk Printing, Limited,	Heriot Street, Drummondville.
Franco Canadian Dyers Limited,	150 Cousins Street, St. Johns.
Jas. Fraser & Sons,	52 Nazareth Street, Montreal.
Globe Hat Works, Limited,	74 Turgeon Street, Montreal.
Globe Spongeing Works ,	3575 St. Lawrence Blvd., Montreal
Holdsworth Company, Limited,	490 Ash Avenue, Montreal
St. Luke Industries Ltd.,	1025 St. Luke St., Montreal
Valley Dyeing and Finishing Co. Ltd.,	Edmond St., Valleyfield.

ONTARIO

Aberfoyle Manufacturing Company,	Metcalf Street, Cuelph.
Armstrong Dye Works,	34 Simcoe Street West, Hamilton.
Barrie Glove & Knitting Company, Ltd.,	40 Ontario Street South, Kitchener.
Cobourg Dyeing Company, Limited,	William Street, Cobourg.
Dyers & Rubberisers, Limited,	251 Sorauren Avenue, Toronto
Farquhar Textile Printing Co.,	204 King Street East, Toronto
Frank P. Flake,	33 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,	730 King Street West, Toronto.
R. W. Matthewman & Sons	227 Sterling Road, Toronto.
National Tent and Awning Co. Ltd.	251 Sorauren Ave., 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.
Toronto Dyeing & Finishing Works,	350-370 Dufferin Street, Toronto.
Trenton Dyeing & Finishing Co., Ltd.,	Film Street, Trenton, Ont.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010754318