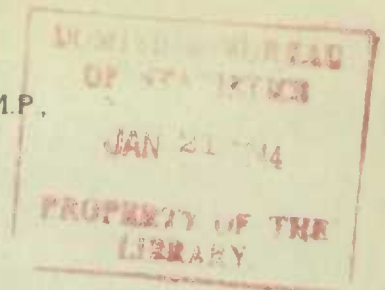


34-206.

c8

Historical File Copy

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

1942



OTTAWA
1944

Price 15 cents

of the

of the

of the

of the

of the

REPORT

ON THE

OF THE

CANON

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, 1942

In 1942 reports were received from forty-two 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 forty-two establishments in 1942 amounted to \$7,618,643. Employment was furnished to 1,693 persons who were paid the sum of \$2,274,715 in salaries and wages. The gross value of the work performed amounted to \$8,096,566 and the value added by work performed totalled \$4,830,037.

This industry is confined to the Provinces of Ontario, Quebec and Nova Scotia. Ontario with eighteen establishments, employed 823 persons, while Quebec, with twenty-two establishments, and Nova Scotia, with two together employed 870. Ontario employed over 63 per cent of the capital and almost 49 percent of the total number of employees.

This industry operated at a considerably higher level in 1942. Compared with the previous year there was an increase of \$859,248 or nearly 12 per cent in the value of work performed, with an increase of \$1,233,181 or 34 per cent in the value added by work performed. Reflected in the increased output was the increase of 106 in the number of persons employed and \$354,809 in the amount of salaries and wages paid. The capital invested was also \$1,047,959 higher.

The gross value of the work performed in 1942 amounted to \$8,096,566 of which \$4,107,958 or approximately 50 per cent, was represented by the dyeing and finishing of textile fabrics. The dyeing and finishing of yarns amounted to \$2,407,472 or 30 per cent, while the printing and painting of fabric and all other work totalled \$1,581,136. 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 1,117 or 80 per cent of the total in 1942 while the female wage-earners totalled 274. The average annual wages was \$1,098 compared to \$967 in 1941 while the average salary rose from \$2,356 in that year to \$2,474 in 1942.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1942

Table 1. - Principal Statistics, 1929 to 1942

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.	\$	\$	\$
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
1937	26	5,051,200	1,071	1,019,391	1,535,898	3,794,316
1938	25	5,207,949	980	958,698	1,208,261	3,330,280
1939	26	5,997,687	1,082	1,150,668	1,667,878	3,927,468
<u>1 9 4 0</u>						
<u>CANADA</u>	28	5,335,344	1,210	1,379,114	2,010,841	4,885,038
Ontario	19	3,683,023	695	884,700	1,599,378	3,308,038
Quebec and Nova Scotia	9	1,652,321	515	494,414	411,463	1,577,000
<u>1 9 4 1</u>						
<u>CANADA</u>	29	6,570,684	1,587	1,919,906	3,226,086	7,237,318
Ontario	17	4,367,560	828	1,152,712	2,587,881	4,590,324
Quebec and Nova Scotia	12	2,203,124	759	767,194	638,205	2,646,994
<u>1 9 4 2</u>						
<u>CANADA</u>	42	7,618,643	1,693	2,274,715	2,799,331	8,096,566
Ontario	18	4,838,426	823	1,239,704	2,143,302	4,875,187
Quebec and Nova Scotia	24	2,780,217	870	1,035,011	656,029	3,221,379

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, 1942

Table 2. - Comparison of Principal Statistics, 1941 and 1942

Items	1941	1942	+ Increase - Decrease
Establishments reporting No.	29	42	+ 13
Capital invested \$	6,570,684	7,618,643	+ 1,047,959
Employees on salaries -			
Total No.	277	302	+ 25
Male No.	187	183	- 4
Female No.	90	119	+ 29
Total salaries \$	652,729	747,087	+ 94,358
Employees on wages -			
Monthly average No.	1,310	1,391	+ 81
Male No.	1,060	1,117	+ 57
Female No.	250	274	+ 24
Total wages \$	1,267,177	1,527,628	+ 260,451
Power equipment -			
Units No.	1,097	1,091	- 6
Horse-power capacity H.P.	5,022	4,676	- 346
Cost of fuel and electricity ... \$	414,376	467,198	+ 52,822
Cost of materials used \$	3,226,086	2,799,331	- 426,755
Gross value of work performed .. \$	7,237,318	8,096,566	+ 859,248
Value added by work performed .. \$	3,596,856	4,830,037	+ 1,233,181

Table 3. - Value of Work Performed, 1941 and 1942

Principal Items	1941	1942
	Value at Plant \$	Value at Plant \$
Dyeing and finishing of textile fabrics -	3,765,650	4,107,958
Dyeing, finishing and mercerizing of yarns	2,545,559	2,407,472
Printing and painting on textile fabrics	571,976	712,492
Dyeing and finishing of other products	111,810	193,424
Rubberizing, mercerizing and waterproofing fabrics	35,143	86,611
Bleaching, shrinking and sponging	207,180	588,609
TOTAL VALUE OF WORK PERFORMED	7,237,318	8,096,566

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1942

Table 4. - Materials Used, 1941 and 1942

Principal Materials	Unit of Measure	1941		1942	
		Quantity	Cost Value	Quantity	Cost Value
			at Plant		at Plant
			\$		\$
Aniline and other dyes -					
Sulphur colours,.....	Pound	233,452	208,844	211,178	201,063
Direct colours	"	135,286	105,244	94,264	86,582
Indirect colours	"	17,645	19,284	47,536	54,337
Acid or basic colours ...	"	37,358	42,386	52,112	61,548
Other colours and dyes ..	"	145,511	162,358	87,594	87,189
Alum	"	72,696	1,344	68,968	1,637
Epsom salts	"	-	-	88,010	2,094
Common salt	"	3,379,482	19,898	5,564,143	25,709
Chloride of lime	"	4,600	127	126,512	1,823
Glauber's salt	"	1,767,608	25,390	1,719,741	24,831
Soda ash	"	479,806	8,992	573,909	11,027
Soaps	"	571,523	53,177	691,213	85,437
Starch	"	337,229	19,715	477,997	24,526
Other weighting materials..	-	-	12,459	-	2,350
Liquid ammonia	Pound	85,290	3,116	59,038	2,108
Liquid chlorine	"	117,236	5,325	23,779	4,273
Gasoline and benzine	Gallon	6,243	2,190	262	111
Alcohol	Prf.Gal.	977	920	762	713
Hydrogen peroxide	Pound	107,908	22,009	96,473	19,411
Sulphuric acid 66° Bé	"	546,992	12,136	451,159	9,049
Acetic acid	"	174,275	13,427	209,706	14,267
Formic acid	"	40,161	6,322	20,541	3,713
Muriatic acid	"	100,925	2,268	350,876	8,336
Sulphonated oils	"	93,005	19,045	48,743	10,416
Carbon tetrachloride	"	9,602	823	8,081	810
Trisodium phosphate	"	53,914	1,284	21,050	1,125
Caustic soda	"	404,349	13,321	407,123	13,617
Other chemicals, net					
specified	-	-	243,221	-	278,351
Rubberizing materials	-	-	5,495	-	1,383
All other materials	-	-	2,134,889	-	1,688,431
Packing and shipping					
materials	-	-	61,077	-	73,064
<hr/>					
TOTAL COST OF MATERIALS					
USED	-	-	3,226,086	-	2,799,331

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1942

Table 5. - Capital Invested, 1929 to 1942

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.)		
	\$	\$	\$		\$
1929	3,618,696	368,853	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
1937	4,046,792	531,197	473,211		5,051,200
1938	4,423,174	349,257	435,518		5,207,949
1939	4,394,957	810,849	791,881		5,997,687
<u>1 9 4 0</u>					
CANADA	3,055,095	1,235,536	1,044,713		5,335,344
Ontario	2,017,782	1,042,159	623,082		3,683,023
Quebec and Nova Scotia ...	1,037,313	193,377	421,631		1,652,321
<u>1 9 4 1</u>					
CANADA	3,744,753	1,869,662	956,269		6,570,684
Ontario	2,476,173	1,485,636	405,751		4,367,560
Quebec and Nova Scotia ...	1,268,580	384,026	550,518		2,203,124
<u>1 9 4 2</u>					
CANADA	4,076,504	1,856,558	1,685,581		7,618,643
Ontario	2,382,047	1,386,811	1,069,568		4,838,426
Quebec and Nova Scotia ...	1,694,457	469,747	616,013		2,780,217

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1942

Table 6. - Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada, for 1941 and 1942. 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 4 1</u>	No.	\$	No.	\$	\$	\$
Under \$5,000	3	29,235	12	10,445	7,720	25,339
\$5,000 to \$25,000	4	61,983	26	31,134	9,748	69,704
\$25,000 to \$50,000	5	374,448	48	63,318	26,387	171,132
\$50,000 to \$100,000	4	291,699	97	102,815	77,434	299,683
\$100,000 to \$500,000 ...	10					
\$500,000 to \$1,000,000 .	1)	5,813,319	1,404	1,712,194	3,104,797	6,671,460
\$1,000,000 and over	2)					
TOTAL	29	6,570,684	1,587	1,919,906	3,226,086	7,237,318
<u>1 9 4 2</u>						
Under \$5,000	2	7,125	4	1,060	789	6,122
\$5,000 to \$25,000	11	152,381	53	59,801	18,714	142,195
\$25,000 to \$50,000	10	204,700	119	171,071	14,919	344,184
\$50,000 to \$100,000	3	390,017	61	64,623	67,360	247,049
\$100,000 to \$500,000 ...	13	2,910,091	859	1,150,683	620,739	3,316,927
\$500,000 to \$1,000,000 .	1)					
\$1,000,000 and over	2)	3,954,329	597	827,477	2,076,810	4,040,089
TOTAL	42	7,618,643	1,693	2,274,715	2,799,331	8,096,566

Table 7. - Employees by Sex and Remuneration, 1941 and 1942

		<u>1 9 4 1</u>	<u>1 9 4 2</u>
Salaried Employees -			
Total	No.	277	302
Male	No.	187	183
Female	No.	90	119
Total salaries	\$	652,729	747,087
Wage-earners -			
Monthly average	No.	1,310	1,391
Male	No.	1,060	1,117
Female	No.	250	274
Total wages	\$	1,267,177	1,527,628
Total employees -			
Total	No.	1,587	1,693
Male	No.	1,247	1,300
Female	No.	340	393
Total salaries and wages	\$	1,919,906	2,274,715

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1942

Table 8. - Monthly Employment of Wage-earners, 1940 to 1942

Months	1940			1941			1942		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	744	149	893	976	210	1,186	1,163	246	1,409
February	745	168	913	1,043	217	1,260	1,177	246	1,423
March	746	159	905	1,097	229	1,326	1,179	256	1,435
April	740	161	901	1,075	248	1,323	1,169	255	1,424
May	715	162	877	1,025	246	1,271	1,140	262	1,402
June	693	161	854	1,017	240	1,257	1,084	246	1,330
July	871	170	1,041	1,052	243	1,295	1,073	264	1,337
August	933	165	1,098	1,102	262	1,364	1,075	273	1,348
September	960	170	1,130	1,078	262	1,340	1,044	304	1,348
October	953	177	1,130	1,078	275	1,353	1,083	308	1,391
November	970	172	1,142	1,101	276	1,377	1,098	314	1,412
December	953	173	1,126	1,069	255	1,324	1,098	306	1,404
MONTHLY AVERAGE	835	168	1,003	1,060	250	1,310	1,117	274	1,391

Table 9. - Average Weekly Earnings and Number of Wage-earners in the Month of Highest Employment with their Regular Hours of Work, 1941 and 1942

Number of Hours Worked per Week	Number of Employees			
	Male		Female	
	1941	1942	1941	1942
30 hours or less	48	80	9	20
31 - 43 hours	52	49	36	46
44 hours	20	22	7	7
45 - 47 hours	92	93	34	48
48 hours	34	54	7	11
49 - 50 hours	73	101	27	46
51 - 54 hours	167	160	45	46
55 hours	76	89	27	82
56 - 64 hours	382	383	70	34
65 hours and over	222	197	3	1
Average hours per week	55.7	54.3	50.4	48.5
Average weekly earnings	\$20.63	\$23.61	\$15.17	\$15.20

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1942

Table 10. - Power Equipment, 1941 and 1942

Classes of Power	1941		1942	
	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	3	65	6	210
Gasoline, Gas and oil engines -				
other than Diesel engines	1	70	2	71
Electric motors operated by				
purchased power -				
In use	1,060	4,800	1,048	4,178
Idle	33	87	35	217
TOTAL POWER USED IN				
 MANUFACTURING	1,097	5,022	1,091	4,676
Boiler installation -				
In use	27	5,668	28	7,526
Idle	7	1,730	10	2,251

Table 11. - Consumption of Fuel and Electricity, 1941 and 1942

Kinds of Fuel	Unit of Measure	1941		1942	
		Quantity	Cost Value at Factory \$	Quantity	Cost Value at Factory \$
Coal -	Ton				
Bituminous	(2,000 lb.)	48,489	329,797	52,685	384,621
Anthracite	"	2,228	15,151	561	3,955
Wood	Cord	8	64	4	40
Fuel Oil	Imp. Gal.	4,721	314	13,015	976
Gasoline, including gaso-					
line used in cars and trucks	" "	10,804	3,244	9,373	3,063
Gas -					
Manufactured	M cu. ft.	621	815	454	552
Natural	" " "	857	643	563	450
Other Fuel	-	-	276	-	754
TOTAL COST OF FUEL..	-	-	350,304	-	394,411
Electricity purchased (in-					
cluding service charges) ..	Kw. H.	5,477,077	64,072	6,022,596	72,787
TOTAL COST OF FUEL AND					
 ELECTRICITY	-	-	414,376	-	467,198

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1942

A P P E N D I X

NOVA SCOTIA

Maritime Textiles Ltd.
Yarmouth Dye Works

Truro
Vancouver Street, Yarmouth North

QUEBEC

Atlas Sponging Inc.	372 St. Catherine St. West, Montreal
Barrette, Paul	360 Berri St., Montreal
Canada Pad and Sponging Inc.	460 St. Catherine St. West, Montreal
City Sponging Inc.	372 St. Catherine St. West, Montreal
Commercial Dyers and Bleachers	360 Berri St., Montreal
Dominion Silk Dyeing and Finishing Co. Ltd.	35 Heriot St., Drummondville
Dominion Silk Printing Ltd.	Heriot St., Drummondville
Eterna Textile Printing Reg'd.	710 Notre Dame St. West, Montreal
Fraser, James and Sons	6901 Jeanne Mance St., Montreal
Franco-Canadian Dyers Ltd.	159 Cousins St., St. John's
Globe Hat Works Ltd.	74 Turgeon St., Montreal
Globe Sponging Works	3575 St. Lawrence Blvd., Montreal
Holdsworth Co. Ltd.	498 Ash Avenue, Montreal
Hughes and Co.	2050 Bleury St., Montreal
London Sponging Inc.	440 Ontario St. West, Montreal
Manufacturers Sponging Works Ltd.	10 Ontario St. West, Montreal
Pacific Textiles Ltd.	3575 St. Lawrence Blvd., Montreal
Pugsch Sponging Works	3655 St. Lawrence Blvd., Montreal
St. Luke Industries Ltd.	1625 St. Luke St., Montreal
Textile Colouring Reg'd.	3138 Lasalle Blvd., Verdun
Textile Processors Reg'd.	2050 Bleury St., Montreal
Valley Dyeing and Finishing Co. Ltd.	Edmond St., Valleyfield

ONTARIO

Adam Cloth Finishing Co. Ltd.	126 Wellington St. West, Toronto
Aberfoyle Manufacturing Co.	Metcalfe Street, Guelph
Armstrong Dye Works	84 Simcoe Street West, Hamilton
Barrie Glove & Knitting Co. Ltd.	40 Ontario Street South, Kitchener
Cobourg Dyeing Co. Ltd.	William Street, Cobourg
Dyers & Rubberizers, Ltd.	251 Sorauren Avenue, Toronto
Farquhar Textile Printing Co.	204 King Street East, Toronto
Frank P. Flake	68 Claremont Street, Toronto
Guaranty Silk Dyeing & Finishing Co.	40 Phelps Street, St. Catharines
Holdsworth & Co.	7 Ontario Street, Toronto
Holdsworth Co. Ltd.	347-9 Carlaw Avenue, Toronto
Hughes & Co.	786 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, Ltd.	Woodbridge, (H.O. - 55 Wellington St., Toronto)
Summit Dyeing Co. Ltd.	590 King Street West, Toronto
Toronto Dyeing & Finishing Works	356-370 Dufferin Street, Toronto
Trenton Dyeing & Finishing Co. Ltd.	Film Street, Trenton.

STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010754320