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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
1943



OTTAWA
1945

Price 15 cents

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DEPARTMENT OF TRADE AND COMMERCE

BUREAU OF STATISTICS

CENSUS OF INDUSTRY

GENERAL MANUFACTURING SECTOR

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OTTAWA - CANADA

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DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1943

In 1943 reports were received from forty 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 establishments in 1943 amounted to \$7,897,269. Employment was furnished to 1,656 persons who were paid the sum of \$2,446,760 in salaries and wages. The gross value of the work performed amounted to \$9,008,917 and the value added by work performed totalled \$5,509,861.

This industry is confined to the Provinces of Ontario, Quebec and Nova Scotia. Ontario with sixteen establishments, employed 767 persons, while Quebec, with twenty-three establishments, and Nova Scotia, with one together employed 889. Ontario employed over 63 per cent of the capital and over 46 per cent of the total number of employees.

This industry operated at a considerably higher level in 1943. Compared with the previous year there was an increase of \$912,351 or nearly 13 per cent in the value of work performed, with an increase of \$679,824 or 14 per cent in the value added by work performed. However there was a slight decrease of 37 in the number of persons employed but the amount of salaries and wages paid was \$172,045 more. The capital invested was also \$278,626 higher.

The gross value of the work performed in 1943 amounted to \$9,008,917 of which \$4,579,314 or approximately 50 per cent, was represented by the dyeing and finishing of textile fabrics. The dyeing and finishing of yarns amounted to \$2,430,084 or 27 per cent, while the printing and painting of fabrics and all other work totalled \$1,999,519. 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 1,003 or 75 per cent of the total in 1943 while the female wage-earners totalled 326. The average annual wages was \$1,188 compared to \$1,098 in 1942 while the average salary rose from \$2,474 in that year to \$2,651 in 1943.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1943

Table 1. - Principal Statistics, 1930 to 1943

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.	\$	\$	\$
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
1940	28	5,335,344	1,210	1,379,114	2,010,841	4,885,038
<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	4,638,426	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
<u>1 9 4 3</u>						
<u>CANADA</u>	40	7,897,269	1,656	2,446,780	2,981,932	9,008,917
Ontario	16	5,022,054	767	1,280,367	2,224,725	5,350,359
Quebec and Nova Scotia	24	2,875,215	889	1,166,393	757,207	3,658,558

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, 1943

Table 2. - Comparison of Principal Statistics, 1942 and 1943

Items	1 9 4 2	1 9 4 3	+ Increase - Decrease
Establishments reporting No.	42	40	- 2
Capital invested \$	7,618,643	7,897,269	+ 278,626
Employees on salaries -			
Total No.	302	327	+ 25
Male No.	183	214	+ 31
Female No.	119	113	- 6
Total salaries \$	747,087	866,966	+ 119,879
Employees on wages -			
Monthly average No.	1,391	1,329	- 62
Male No.	1,117	1,003	- 114
Female No.	274	326	+ 52
Total wages \$	1,527,628	1,579,794	+ 52,166
Power equipment -			
Units No.	1,091	1,172	+ 81
Horse-power capacity H.P.	4,676	4,984	+ 308
Cost of fuel and electricity . . . \$	467,198	517,124	+ 49,926
Cost of materials used \$	2,799,331	2,981,932	+ 182,601
Gross value of work performed . . \$	8,096,566	9,008,917	+ 912,351
Value added by work performed . . \$	4,830,037	5,509,861	+ 679,824

Table 3. - Value of Work Performed, 1942 and 1943

Principal Items	1 9 4 2 Value at Plant \$	1 9 4 3 Value at Plant \$
Dyeing and finishing of textile fabrics -	4,107,958	4,579,314
Dyeing, finishing and mercerizing of yarns	2,407,472	2,430,034
Printing and painting on textile fabrics	712,492	844,272
Dyeing and finishing of other products	193,424	137,888
Rubberizing, mercerizing and waterproofing fabrics	86,611	419,098
Bleaching, shrinking, sponging and all other work	588,609	598,261
TOTAL VALUE OF WORK PERFORMED	8,096,566	9,008,917

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1943

Table 4. - Materials Used, 1942 and 1943

Principal Materials	Unit of Measure	1 9 4 2		1 9 4 3	
		Quantity	Cost Value at Plant	Quantity	Cost Value at Plant
Aniline and other dyes -					
Sulphur colours	Pound	211,173	201,083	172,561	152,857
Direct colours	"	94,264	86,582	87,848	88,477
Indirect colours	"	47,536	54,337	44,431	44,442
Acid or basic colours ...	"	52,112	61,548	60,418	65,988
Other colours and dyes ..	"	87,594	87,189	79,479	85,820
Alum	"	68,968	1,637	(1)	(1)
Epsom salts	"	88,010	2,094	77,342	1,849
Common salt	"	5,564,143	25,709	7,611,943	33,834
Chloride of lime	"	126,512	1,823	130,274	1,909
Glauber's salt	"	1,719,741	24,831	1,468,182	21,039
Soda ash	"	573,909	11,027	692,854	13,294
Soaps	"	691,213	85,437	591,904	75,907
Starch	"	477,997	24,526	408,065	20,944
Other weighting materials .	-	-	2,350	-	4,749
Liquid ammonia	Pound	59,038	2,108	71,723	2,612
Liquid chlorine	"	23,779	4,273	26,253	5,164
Gasoline and benzine	Gallon	262	111	578	288
Alcohol	Prf. Gal.	762	713	1,336	1,220
Hydrogen peroxide	Pound	96,473	19,411	98,797	19,832
Sulphuric acid 66° Bé	"	451,159	9,049	434,630	6,990
Acetic acid	"	209,706	14,267	253,119	15,531
Formic acid	"	20,541	3,713	21,479	3,791
Muriatic acid	"	350,876	8,336	631,160	14,064
Sulphonated oils	"	48,743	10,416	37,380	8,610
Carbon tetrachloride	"	8,081	810	15,598	1,533
Trisodium phosphate	"	21,050	1,125	20,480	1,434
Caustic soda	"	407,123	13,617	389,028	13,239
Other chemicals, not specified	-	-	278,351	-	256,020
Rubberizing materials	-	-	1,333	-	106,864
All other materials	-	-	1,688,431	-	1,844,647
Packing and shipping materials	-	-	73,064	-	68,984
 TOTAL COST OF MATERIALS USED	-	-	2,799,331	-	2,981,932

(1) Less than 3 firms reporting. Included with "All other chemicals"

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1943

Table 5. - Capital Invested, 1930 to 1943

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.)		
	\$	\$	\$		\$
1930	3,492,301	342,841	429,681		4,264,823
1931	3,367,232	299,411	538,753		4,205,396
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	435,513		5,207,949
1939	4,394,957	810,849	791,881		5,997,687
1940	3,055,095	1,235,536	1,044,713		5,335,344
<u>1 9 4 1</u>					
CANADA	3,744,753	1,369,662	956,269		6,070,684
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	2,582,047	1,386,811	1,069,568		4,838,426
Quebec and Nova Scotia	1,694,457	469,747	616,013		2,780,217
<u>1 9 4 3</u>					
CANADA	4,052,124	1,993,304	1,851,841		7,897,269
Ontario	2,319,822	1,526,117	1,176,115		5,022,054
Quebec and Nova Scotia	1,732,302	467,187	675,726		2,875,215

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1943

Table 6. - Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada, for 1942 and 1943. Grouped According to the Size of Establishment.

Establishments having a production of -	Estab- lish- ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$
<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)	3,954,329	597	827,477	2,076,810	4,040,089
\$1,000,000 and over ..	2)					
TOTAL	42	7,618,643	1,693	2,274,715	2,799,331	8,096,563
<u>1 9 4 3</u>						
Under \$5,000	1)	162,376	60	77,960	13,997	171,595
\$5,000 to \$25,000	10)	225,225	107	167,963	9,029	289,088
\$25,000 to \$50,000 ...	9	2,568,074	755	1,139,858	673,793	3,486,333
\$50,000 to \$100,000 ..	2)					
\$100,000 to \$500,000 .	14)	4,941,594	734	1,060,979	2,285,113	5,061,896
\$500,000 to \$1,000,000	1)					
\$1,000,000 and over ..	3)					
TOTAL	40	7,897,269	1,656	2,446,760	2,981,932	3,008,917

Table 7. - Employees by Sex and Remuneration, 1942 and 1943

		1 9 4 2	1 9 4 3
Salaried Employees -			
Total	No.	302	327
Male	No.	183	214
Female	No.	119	113
Total salaries	\$	747,087	866,966
Wage-earners -			
Monthly average	No.	1,391	1,329
Male	No.	1,117	1,003
Female	No.	274	326
Total wages	\$	1,527,628	1,579,794
Total employees -			
Total	No.	1,693	1,656
Male	No.	1,300	1,217
Female	No.	393	439
Total salaries and wages	\$	2,274,715	2,446,760

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1943

Table 8. - Monthly Employment of Wage-earners, 1941 to 1943

Months	1 9 4 1			1 9 4 2			1 9 4 3		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	976	210	1,186	1,163	246	1,409	1,115	305	1,420
February	1,043	217	1,260	1,177	246	1,423	1,095	309	1,404
March	1,097	229	1,326	1,179	256	1,435	1,047	308	1,355
April	1,075	248	1,323	1,169	255	1,424	1,031	312	1,343
May	1,025	246	1,271	1,140	262	1,402	990	310	1,300
June	1,017	240	1,257	1,084	246	1,330	925	306	1,231
July	1,052	243	1,295	1,073	264	1,337	1,021	310	1,331
August	1,102	262	1,364	1,075	273	1,348	930	330	1,260
September	1,078	262	1,340	1,044	304	1,348	951	346	1,297
October	1,078	275	1,353	1,083	308	1,391	962	357	1,319
November	1,101	276	1,377	1,098	314	1,412	990	364	1,354
December	1,069	255	1,324	1,098	306	1,404	1,011	349	1,360
MONTHLY AVERAGE	1,060	250	1,310	1,117	274	1,391	1,003	326	1,329

Table 9. - Average Weekly Earnings and Number of Wage-earners in the Month of Highest Employment with their Regular Hours of Work, 1942 and 1943

Number of Hours Worked per Week	Number of Employees			
	M a l e		F e m a l e	
	1942	1943	1942	1943
30 hours or less	80	67	20	62
31 - 43 hours	49	31	46	43
44 hours	22	81	7	20
45 - 47 hours	93	72	48	48
48 hours	54	67	11	14
49 - 50 hours	101	88	46	59
51 - 54 hours	160	122	46	59
55 hours	89	34	82	24
56 - 64 hours	383	281	34	32
65 hours and over	197	203	1	1
Average hours per week	54.3	53.42	48.5	44.83
Average weekly earnings	\$23.61	\$25.10	\$15.20	\$15.80

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1943

Table 10. - Power Equipment, 1942 and 1943

Classes of Power	1 9 4 2		1 9 4 3	
	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	6	210	7	215
Gasoline, Gas and oil engines - other than Diesel engines	2	71	2	71
Electric motors operated by purchased power -				
In use	1,048	4,178	1,115	4,452
Idle	35	217	48	246
TOTAL POWER USED IN MANUFACTURING	1,091	4,676	1,172	4,984
Boiler installation -				
In use	28	7,526	26	6,996
Idle	10	2,251	10	2,251

Table 11. - Consumption of Fuel and Electricity, 1942 and 1943

Kinds of Fuel	Unit of Measure	1 9 4 2		1 9 4 3	
		Quantity	Cost Value at Factory \$	Quantity	Cost Value at Factory \$
Coal -	Ton				
Bituminous	(2,000 lb)	52,685	384,621	50,708	424,318
Anthracite	"	561	3,955	388	3,965
Wood	Cord	4	40	2	10
Fuel Oil	Imp. Gal.	13,015	976	825	218
Gasoline, including gaso- line used in cars and trucks " "		9,373	3,063	7,515	2,528
Gas -					
Manufactured	M cu. ft.	454	552	6,056	6,913
Natural	" " "	563	450	194	159
Other Fuel	-	-	754	-	720
TOTAL COST OF FUEL .	-	-	394,411	-	438,831
Electricity purchased (in- cluding service charges) . Kw. H.		6,022,596	72,787	6,358,228	78,293
TOTAL COST OF FUEL AND ELECTRICITY	-	-	467,198	-	517,124

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1943

A P P E N D I X

NOVA SCOTIA

Yarmouth Dye Works

Vancouver Street, Yarmouth North

QUEBEC

Atlas Sponging Inc.
Barrette, Paul
Canada Pad and Sponging Inc.
City Sponging Inc.
Commercial Dyers and Bleachers
Dominion Silk Dyeing and Finishing Co. Ltd.
Dominion Silk Printing Ltd.
Eterna Textile Printing Reg'd.
Fraser, James and Sons
Franco-Canadian Dyers Ltd.
Globe Hat Works Ltd.
Globe Sponging Works
Holdsworth Co. Ltd.
Hughes and Co.
Kendex Mfg. Co. Reg'd.
London Sponging Inc.
Manufacturers Sponging Works Ltd.
Pacific Textiles Ltd.
Pugach Sponging Works
St. Luke Industries Ltd.
Textile Colouring Reg'd.
Textile Processors Reg'd.
Valley Dyeing and Finishing Co. Ltd.

372 St. Catherine St. West, Montreal
360 Berri St., Montreal
460 St. Catherine St. West, Montreal
372 St. Catherine St. West, Montreal
444 St. Paul Street East, Montreal
35 Heriot St., Drummondville
Heriot St., Drummondville
710 Notre Dame St. West, Montreal
6901 Jeanne Mance St., Montreal
159 Cousins St., St. John's
74 Turgeon St., Montreal
3575 St. Lawrence Blvd., Montreal
498 Ash Avenue, Montreal
2050 Bleury St., Montreal
140 Mercier St., St. John's
440 Ontario St. West, Montreal
10 Ontario St. West, Montreal
3575 St. Lawrence Blvd., Montreal
3655 St. Lawrence Blvd., Montreal
1625 St. Luke St., Montreal
3138 Lasalle Blvd., Verdun
2050 Bleury St., Montreal
Edmond St., Valleyfield

ONTARIO

Adam Cloth Finishing Co. Ltd.
Aberfoyle Manufacturing Co.
Armstrong Dye Works
Barrie Glove & Knitting Co. Ltd.
Consolidated Piece Dyers Ltd.
Consolidated Piece Dyers Ltd.
Farquhar Textile Printing Co.
Guaranty Silk Dyeing & Finishing Co.
Holdsworth & Co.
Hughes & Co.
R. W. Matthewman & Sons
Novelty Textile Printing Works
W. Robinson & Son, Converters, Ltd.

Summit Dyeing Co. Ltd.
Toronto Dyeing & Finishing Works
Trenton Dyeing & Finishing Co. Ltd.

126 Wellington St. West, Toronto
Metcalf Street, Guelph
84 Simcoe Street West, Hamilton
40 Ontario Street South, Kitchener
William Street, Cobourg
347-9 Carlaw Avenue, Toronto
204 King Street East, Toronto
40 Phelps Street, St. Catharines
7 Ontario Street, Toronto
786 King Street West, Toronto
227 Sterling Road, Toronto
119 Pearl Street, Toronto
Woodbridge, (H.O. - 55 Wellington St.,
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590 King Street West, Toronto
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