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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
1944



OTTAWA
1946

Price 15 cents



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REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE
IN RESPONSE TO A RESOLUTION OF THE HOUSE OF COMMONS

CANADA

DEPARTMENT OF TRADE AND COMMERCE
BUREAU OF STATISTICS
BUREAU OF INDUSTRY
BUREAU OF MANUFACTURES

—

REPORT

ON THE

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IN

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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, 1944

In 1944 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. Employment was furnished to 1667 persons who were paid the sum of \$2,516,012 in salaries and wages. The gross value of the work performed amounted to \$6,951,347 and the value added by manufacture totalled \$5,137,881.

The industry is confined to the provinces of Ontario and Quebec. Ontario with sixteen establishments employed 770 persons, while Quebec with twenty-four establishments reported 897 persons. Quebec with about 53 per cent of the employees and 54 per cent of the value of production is the most important centre of the industry.

This industry operated at about the same level as in the previous year. The heavy decline in the value of materials used and in the value of work performed is not due to a drop in the physical volume of production, but to a change in method of compilation. The value of materials purchased on own account was eliminated from both the value of materials used as well as the products made, the amount received for processing such materials only being considered as the value of products made. Conditions in the industry during 1944 is more accurately reflected by the small increase of 11 in the number of persons employed with an increase of \$69,252 in the salaries and wages paid.

The gross value of the work performed in 1944 amounted to \$6,951,347, of which \$4,354,304 or approximately 63 per cent, was represented by the dyeing and finishing of textile fabrics. The dyeing and finishing of yarns amounted to \$659,031 or 10 per cent, while the printing and painting of fabrics and all other work totalled \$1,938,012. 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 1027 or 75 per cent of the total wage earners in 1944 while the female wage-earners totalled 346. The average annual wage was \$1,251 compared to \$1,188 in 1943 while the average salary rose from \$2,651 in that year to \$2,716 in 1944.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1944

Table 1. - Principal Statistics, 1932 to 1944

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.	\$	\$	\$
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
1941	29	6,570,684	1,587	1,919,906	3,226,086	7,237,318
<u>1 9 4 2</u>						
CANADA	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
<u>1 9 4 3</u>						
CANADA	40	7,897,269	1,656	2,446,760	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
<u>1 9 4 4</u>						
CANADA	40	Not	1,667	2,516,012	1,266,430 #	6,951,347 #
Ontario	16	collected in	770	1,297,306	480,789	3,231,709
Quebec	24	1944	897	1,218,706	785,641	3,719,638

The decline in the value of materials used and the value of work performed is due to a change in the method of compilation. The value of materials purchased on own account was eliminated from both the value of materials used as well as the products made, the amount received for processing such materials only being considered as the value of products made.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1944

Table 2. - Comparison of Principal Statistics, 1943 and 1944

Items	1943	1944	+Increase -Decrease
Establishments reportingNo.	40	40	-
Capital invested\$	7,897,269	(Not collected in 1944)	
Employees on salaries-			
TotalNo.	327	294	- 33
MaleNo.	214	189	- 25
FemaleNo.	113	105	- 8
Total salaries\$	866,966	798,409	- 68,557
Employees on wages-			
Monthly averageNo.	1,329	1,373	+ 44
MaleNo.	1,003	1,027	+ 24
FemaleNo.	326	346	+ 20
Total wages\$	1,579,794	1,717,603	+ 137,809
Power equipment-			
UnitsNo.	1,172	1,322	+ 150
Horse-power capacityH.P.	4,984	5,483	+ 490
Cost of fuel and electricity ...\$	517,124	547,036	+ 29,912
Cost of materials used\$	2,981,932	1,266,430	-1,715,502#
Gross value of work performed ..\$	9,008,917	6,951,347	-2,057,570#
Value added by manufacture\$	5,509,861	5,137,881	- 371,980

See foot note to table I

Table 3. - Value of Work Performed, 1943 and 1944

Principal Items	1943 Value at Plant \$	1944 Value at Plant \$
Dyeing and finishing of textiles fabrics -	4,579,314	4,354,304
Dyeing, finishing and mercerizing of yarns	2,430,084	659,031
Printing and painting on textile fabrics	844,272	992,032
Dyeing and finishing of other products	137,888	132,858
Rubberizing, mercerizing and waterproofing fabrics	419,098	197,368
Bleaching, shrinking, sponging and all other work	598,261	615,754
TOTAL VALUE OF WORK PERFORMED	9,008,917	6,951,347#

See foot note to table I

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1944

Table 4. - Materials Used, 1943 and 1944

Principal Materials	Unit of Measure	1 9 4 3		1 9 4 4	
		Quantity	Cost Value at Plant \$	Quantity	Cost Value at Plant \$
Aniline and other dyes -					
Sulphur colours	Pound	172,561	152,857	214,011	200,768
Direct colours	"	87,848	88,477	90,526	114,510
Indirect colours	"	44,431	44,442	48,985	40,732
Acid or basic colours .	"	60,418	65,988	57,490	64,696
Other colours and dyes	"	79,479	85,820	93,948	105,356
Alum	"	(1)	(1)	85,600	2,024
Epsom salts	"	77,342	1,849	87,170	2,551
Common salt	"	7,611,943	33,834	3,405,703	18,901
Chloride of lime	"	130,274	1,909	2,500	45
Glauber's salt	"	1,468,182	21,039	1,193,419	20,916
Soda ash	"	692,854	13,294	415,882	8,007
Soaps	"	591,904	75,907	450,193	54,205
Starch	"	408,065	20,944	248,738	13,309
Other weighting materials	-	-	4,749	-	12,751
Liquid ammonia	Pound	71,723	2,612	63,964	2,328
Liquid chlorine	"	26,253	5,164	170,803	9,039
Gasoline and benzine	Gallon	578	288	5,972	1,845
Alcohol	Prf.Gal.	1,336	1,220	1,291	1,188
Hydrogen peroxide	Pound	98,797	19,832	102,909	20,735
Sulphuric acid 66° Be ...	"	434,630	6,990	382,755	7,049
Acetic acid	"	253,119	15,531	191,836	15,580
Formic acid	"	21,479	3,791	21,318	3,889
Muriatic acid	"	631,160	14,064	167,840	3,759
Sulphonated oils	"	37,380	8,610	33,416	5,340
Carbon tetrachloride	"	15,598	1,533	1,599	155
Trisodium phosphate	"	20,480	1,434	17,755	843
Caustic soda	"	389,028	13,239	280,459	8,298
Other chemicals, not specified	-	-	256,020	-	433,697
Rubberizing materials ...	-	-	106,864	-	54
All other materials	-	-	1,844,647	-	37,038
Packing and shipping materials	-	-	68,984	-	56,822
TOTAL COST OF MATERIALS USED		-	2,981,932	-	1,266,430

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

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1944

Table 5. - Capital Invested, 1932 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.)	
	\$	\$	\$	\$
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
1940	3,055,095	1,235,536	1,044,713	5,335,344
<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
<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
<u>1 9 4 4</u> (Not Collected in 1944)				

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1944

Table 6. - Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada, for 1943 and 1944. 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
	No.	\$	No.	\$	\$	\$
<u>1 9 4 3</u>						
Under \$5,000	1)					
\$5,000 to \$25,000	10)	162,376	60	77,960	13,997	171,595
\$25,000 to \$50,000	9	225,225	107	167,963	9,029	289,088
\$50,000 to \$100,000 ...	2)					
\$100,000 to \$500,000 ..	14)	2,568,074	755	1,139,858	673,793	3,486,338
\$500,000 to \$1,000,000.	1)					
\$1,000,000 and over ...	3)	4,941,594	734	1,060,979	2,285,113	5,061,896
TOTAL	40	7,897,269	1,656	2,446,760	2,981,932	9,008,917
<u>1 9 4 4</u>						
Under \$5,000	-	Not	-	-	-	-
\$5,000 to \$25,000	12		69	96,990	21,013	198,012
\$25,000 to \$50,000	7	Collected	86	130,193	8,590	238,635
\$50,000 to \$100,000 ...	3		41	70,896	57,851	194,985
\$100,000 to \$500,000 ..	15	In	903	1,331,656	677,602	3,537,689
\$500,000 to \$1,000,000.	1)					
\$1,000,000 and over ...	2)	1944	568	886,277	501,374	2,782,026
TOTAL	40		1,667	2,516,012	1,266,430	6,951,347

Table 7. - Employees by Sex and Remuneration, 1943 and 1944

	1 9 4 3	1 9 4 4
Salaried Employees -		
Total	No 327	294
Male	No 214	189
Female	No 113	105
Total salaries	\$ 866,966	798,409
Wage-earners -		
Monthly average	No 1,329	1,373
Male	No 1,003	1,027
Female	No 326	346
Total wages	\$ 1,579,794	1,717,603
Total employees -		
Total	No 1,656	1,667
Male	No 1,217	1,216
Female	No 439	451
Total salaries and wages	\$ 2,446,760	2,516,012

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1944

Table 8 - Monthly Employment of Wage-earners, 1942 to 1944

Months	1 9 4 2			1 9 4 3			1 9 4 3		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	1,163	246	1,409	1,115	305	1,420	1,041	355	1,396
February ...	1,177	246	1,423	1,095	309	1,404	1,047	351	1,398
March	1,179	256	1,435	1,047	308	1,355	1,045	345	1,390
April	1,169	255	1,424	1,031	312	1,343	1,015	346	1,361
May	1,140	262	1,402	990	310	1,300	990	328	1,318
June	1,084	246	1,330	925	306	1,231	980	349	1,329
July	1,073	264	1,337	1,021	310	1,331	993	354	1,347
August	1,075	273	1,348	930	330	1,260	995	336	1,331
September ..	1,044	304	1,348	951	346	1,297	1,000	337	1,337
October	1,083	308	1,391	962	357	1,319	1,032	340	1,372
November ...	1,098	314	1,412	990	364	1,354	1,070	341	1,411
December ...	1,098	306	1,404	1,011	349	1,360	1,082	350	1,432
MONTHLY AVERAGE ...	1,117	274	1,391	1,003	326	1,329	1,027	346	1,373

Table 9. - Average Weekly Earnings and Number of Wage-earners in the Month of Highest Employment with their Regular Hours of Work, 1943 and 1944

Number of Hours Worked per Week	Number of Employees			
	M a l e		F e m a l e	
	1943	1944	1943	1944
30 hours or less	67	44	62	53
31 - 43 hours	81	69	43	66
44 hours	81	69	20	14
45 - 47 hours	72	56	48	40
48 hours	67	85	14	11
49 - 50 hours	88	116	59	70
51 - 54 hours	122	151	59	52
55 hours	84	109	24	29
56 - 64 hours	281	278	32	27
65 hours and over	203	136	1	-
Average hours per week	53.4	53.2	44.8	44.6
Average weekly earnings	\$25.10	\$27.69	\$15.80	\$17.09

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1944

Table 10. - Power Equipment, 1943 and 1944

Classes of Power	1 9 4 3		1 9 4 4	
	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	7	215	11	325
Gasoline, Gas and oil engines other than Diesel engines .	2	71	2	71
Electric motors operated by purchased power -				
In use	1,115	4,452	1,247	4,759
Idle	48	246	62	328
TOTAL POWER USED IN MANUFACTURING	1,172	4,984	1,322	5,483
Boiler installation -				
In use	26	6,996	21	6,515
Idle	10	2,251	9	2,230

Table 11. - Consumption of Fuel and Electricity, 1943 and 1944

Kinds of Fuel	Unit of Measure	1 9 4 3		1 9 4 4	
		Quantity	Cost Value at Factory \$	Quantity	Cost Value at Factory \$
Coal -	Ton				
Bituminous	(2,000 lb)	50,708	424,318	51,494	458,884
Anthracite	"	388	3,965	286	2,813
Wood	Cord	2	10	-	-
Fuel Oil	Imp. Gal.	825	218	83,672	6,149
Gasoline, including gaso- line used in cars and trucks " "		7,515	2,528	12,952	4,105
Gas -					
Manufactured	M cu. ft.	6,056	6,913	531	601
Natural	" " "	194	159	129	97
Other Fuel	-	-	720	-	720
TOTAL COST OF FUEL	-	-	438,831	-	473,369
Electricity purchased (in- cluding service charges) Kw. H.		6,338,228	78,293	5,707,175	73,667

TOTAL COST OF FUEL AND

ELECTRICITY	-	-	517,124	-	547,036
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DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1944

A P P E N D I X

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	444 St. Paul Street East, 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
Gagne, Jacques F.	4326 Marquette St., Montreal
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
Kendex Mfg. Co. Reg'd.	140 Mercier St., St. Johns
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
Pugach 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
Consolidated Piece Dyers Ltd.	William Street, Cobourg
Consolidated Piece Dyers Ltd.	347-9 Carlaw Avenue, Toronto
Farquhar Textile Printing Co.	64 Osler Avenue, Toronto
Guaranty Silk Dyeing & Finishing Co.	40 Phelps Street, St. Catharines
Holdsworth & Co.	7 Ontario Street, Toronto
Hughes & Co.	786 King Street West, Toronto
R. W. Matthewman & Sons	227 Sterling Road, 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

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