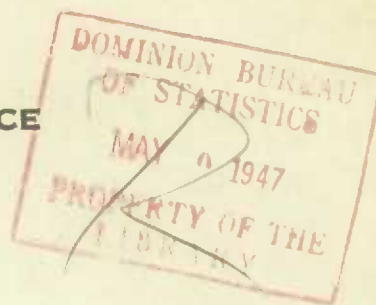


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH



REPORT
ON THE
DYEING & FINISHING OF TEXTILE GOODS
IN
CANADA
1945



OTTAWA
1947

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Price 15 cents

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

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Herbert Marshall
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DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1945

In 1945 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 1,922 persons who were paid the sum of \$2,923,684 in salaries and wages. The gross value of the work performed amounted to \$8,331,308 and the value added by manufacture totalled \$6,196,990.

The industry is confined to the provinces of Ontario and Quebec. Ontario with sixteen establishments employed 933 persons, while Quebec with twenty-four establishments reported 989 persons. Quebec with over 51 per cent of the employees and about 50 per cent of the value of production is the most important centre of the industry.

This industry operated at a substantially higher level of production during 1945 which is reflected in an increase of 255 in the number of persons employed and \$407,672 in the salaries and wages paid. There was also an increase of \$1,379,961 or 19.8 per cent in the value of work performed.

The gross value of the work performed in 1945 amounted to \$8,331,308 of which \$5,483,574 or approximately 66 per cent, was represented by the dyeing and finishing of textile fabrics. The dyeing and finishing of yarns amounted to \$936,786 or 11 per cent, while the printing and painting of fabrics and all other work totalled \$1,910,948. 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 1,133, or 70 per cent of the total wage earners in 1945 while the female wage-earners totalled 472. The average annual wage was \$1,249 compared to \$1,251 in 1944 while the average salary rose from \$2,716 in that year to \$2,745 in 1945.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1945

Table 1. - Principal Statistics, 1933 to 1945

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.	\$	\$	\$
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
1942	42	7,618,643	1,693	2,274,715	2,799,331	8,096,566
<u>1 9 4 3</u>						
<u>CANADA</u>	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>						
<u>CANADA</u>	40	Not	1,667	2,516,012	1,266,430//	6,951,347
Ontario	16	collected	770	1,297,306	480,789	3,231,709
Quebec	24	in 1944	897	1,218,706	785,641	3,719,638
<u>1 9 4 5</u>						
<u>CANADA</u>	40	Not	1,922	2,923,684	1,581,984//	8,331,308
Ontario	16	collected	933	1,446,019	723,716	4,087,961
Quebec ,.....	24	in 1945	989	1,477,665	858,268	4,243,347

H 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 TEXTILES GOODS IN CANADA, 1945

Table 2. - Comparison of Principal Statistics, 1944 and 1945

Items	1 9 4 4	1 9 4 5	+Increase -Decrease
Establishments reportingNo.	40	40	-
Capital invested\$	(Not collected in 1944 or 1945)		
Employees on salaries-			
TotalNo.	294	317	+ 23
MaleNo.	189	206	+ 17
FemaleNo.	105	111	+ 6
Total salaries\$	798,409	870,266	+ 71,857
Employees on wages-			
Monthly averageNo.	1,373	1,605	+ 232
MaleNo.	1,027	1,133	+ 106
FemaleNo.	346	472	+ 126
Total wages\$	1,717,603	2,053,418	+ 335,815
Power equipment-			
UnitsNo.	1,322	1,521	+ 199
Horse-power capacityH.P.	5,483	6,377	+ 894
Cost of fuel and electricity ...\$	547,036	552,334	+ 5,298
Cost of materials used\$	1,266,430	1,581,984	+ 315,554
Gross value of work performed...\$	6,951,347	8,331,308	+1,379,961
Value added by manufacture\$	5,137,881	6,196,990	+1,059,109

Table 3. - Value of Work Performed, 1944 and 1945

Principal Items	1 9 4 4	1 9 4 5
	Value at Plant	Value at Plant
Dyeing and finishing of textiles fabrics -	4,354,304	5,483,574
Dyeing, finishing and mercerizing of yarns	659,031	936,786
Printing and painting on textile fabrics	992,032	1,038,780
Dyeing and finishing of other products	132,858	132,668
Rubberizing, mercerizing and waterproofing fabrics	197,368	131,202
Bleaching, shrinking, sponging and all other work	615,754	608,298
TOTAL VALUE OF WORK PERFORMED	6,951,347	8,331,308

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1945

Table 4. - Materials Used, 1944 and 1945

Principal Materials	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Cost Value at Plant	Quantity	Cost Value at Plant
Aniline and other dyes -					
Sulphur colours	Pound	214,011	200,768	229,212	203,900
Direct colours	"	90,526	114,510	86,609	119,876
Indirect colours	"	48,985	40,732	46,196	57,967
Acid or basic colours .	"	57,490	64,696	70,107	72,229
(1) Other colours and dyes.	"	93,948	105,356	118,556	141,422
Alum	"	85,600	2,024	87,830	1,861
Epson salts	"	87,170	2,551	56,437	1,574
Common salt	"	3,405,703	18,901	3,794,097	23,740
Chloride of lime	"	2,500	45	3,600	48
Glauber's salt	"	1,193,419	20,916	1,544,826	20,632
Soda ash	"	415,882	8,007	505,404	9,461
Soaps	"	450,193	54,205	619,613	75,784
Starch	"	248,738	13,309	174,907	10,276
Other weighting materials	-	-	12,751	-	13,622
Liquid ammonia	Pound	63,964	2,328	88,379	3,139
Liquid chlorine	"	170,803	9,039	205,906	4,272
Gasoline and benzine	Gallon	5,972	1,845	16,203	4,831
Alcohol	Prf.Gal.	1,291	1,188	18,443	17,365
Hydrogen peroxide	Pound	102,909	20,735	93,597	19,039
Sulphuric acid 66° Be ...	"	382,755	7,049	410,079	7,038
Acetic acid	"	191,836	15,580	212,051	16,925
Formic acid	"	21,318	3,889	20,129	3,532
Muriatic acid	"	167,840	3,759	164,303	3,970
Sulphonated oils	"	33,416	5,340	63,407	9,703
Carbon tetrachloride	"	1,599	155	2,897	263
Trisodium phosphate	"	17,755	843	17,783	843
Caustic soda	"	280,459	8,298	363,145	11,501
Other chemicals, not specified	-	-	433,697	-	548,306
Rubberizing materials ...	-	-	54	-	83
All other materials	-	-	37,038	-	61,848
Packing and shipping materials	-	-	56,822	-	116,934
TOTAL COST OF MATERIALS USED			1,266,430		1,581,984

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

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1945

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
1941	3,744,753	1,869,662	956,269	6,570,684
<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

(Capital Statistics not collected since 1943)

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1945

Table 6. - Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada, for 1944 and 1945. 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>1944</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 ..	16	In	903	1,331,656	677,602	3,537,689
\$500,000 to \$1,000,000.	1)		568	886,277	501,374	2,782,026
\$1,000,000 and over ...	2)	1944				
TOTAL	40		1,667	2,516,012	1,266,430	6,951,347
<u>1945</u>						
Under \$5,000	-	Not	-	-	-	-
\$5,000 to \$25,000	10		62	92,653	15,523	164,750
\$25,000 to \$50,000	8	Collected	89	144,060	15,095	269,996
\$50,000 to \$100,000 ...	5		68	126,884	104,472	326,091
\$100,000 to \$500,000 ..	10	In	486	802,305	331,862	2,003,388
\$500,000 to \$1,000,000.	6)		1,217	1,757,782	1,115,032	5,567,083
\$1,000,000 and over ...	1)	1945				
TOTAL	40		1,922	2,923,684	1,581,984	8,331,308

Table 7. - Employees by Sex and Remuneration, 1944 and 1945

		1944	1945
<u>Salaried Employees -</u>			
Total	No.	294	317
Male	No.	189	206
Female	No.	105	111
Total salaries	\$	798,409	870,266
<u>Wage-earners -</u>			
Monthly average	No.	1,373	1,605
Male	No.	1,027	1,133
Female	No.	346	472
Total wages	\$	1,717,603	2,053,418
<u>Total employees -</u>			
Total	No.	1,667	1,922
Male	No.	1,216	1,339
Female	No.	451	583
Total salaries and wages	\$	2,516,012	2,923,684

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1945

Table 8. - Monthly Employment of Wage-earners, 1943 to 1945

Months	1 9 4 3			1 9 4 4			1 9 4 5		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	1,115	305	1,420	1,041	355	1,396	1,114	362	1,476
February ...	1,095	309	1,404	1,047	351	1,398	1,099	384	1,483
March	1,047	308	1,355	1,045	345	1,390	1,086	411	1,497
April	1,031	312	1,343	1,015	346	1,361	1,053	580	1,633
May	990	310	1,300	990	328	1,318	1,045	651	1,696
June	925	306	1,231	980	349	1,329	1,110	621	1,731
July	1,021	310	1,331	993	354	1,347	1,118	584	1,702
August	930	330	1,260	995	336	1,331	1,122	514	1,636
September ..	951	346	1,297	1,000	337	1,337	1,171	402	1,573
October	962	357	1,319	1,032	340	1,372	1,189	378	1,567
November ...	990	364	1,354	1,070	341	1,411	1,233	385	1,618
December ...	1,011	349	1,360	1,082	350	1,432	1,241	382	1,623
MONTHLY AVERAGE ...	1,003	326	1,329	1,027	346	1,373	1,183	472	1,605

Table 9. - Average Weekly Earnings and Number of Wage-earners in the Month
of Highest Employment with their Regular Hours of Work, 1944 and 1945

Number of Hours Worked per Week	Number of Employees			
	M a l e		F e m a l e	
	1944	1945	1944	1945
30 hours or less	44	47	53	209
31 - 43 hours	69	86	66	133
44 hours	69	55	14	26
45 - 47 hours	56	82	40	62
48 hours	85	126	11	77
49 - 50 hours	116	101	70	31
51 - 54 hours	151	127	52	40
55 hours	109	112	29	18
56 - 64 hours	278	342	27	31
65 hours and over	136	177	-	7
Average hours per week	53.2	53.6	44.6	39.0
Average weekly earnings	\$27.69	\$28.20	\$17.09	\$15.01

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1945

Table 10. - Power Equipment, 1944 and 1945

Classes of Power	1 9 4 4		1 9 4 5	
	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	11	325	9	252
Gasoline, Gas and oil engines				
other than Diesel engines	2	71	1	70
Electric motors operated by purchased power -				
In use	1,247	4,759	1,446	5,721
Idle	62	328	65	334
TOTAL POWER USED IN MANUFACTURING	1,322	5,483	1,521	6,377
Boiler installation -				
In use	21	6,515	21	5,747
Idle	9	2,230	6	730

Table 11. - Consumption of Fuel and Electricity, 1944 and 1945

Kinds of Fuel	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Cost Value at Factory \$	Quantity	Cost Value at Factory \$
Coal -	Ton				
Bituminous	(2,000 lb)	51,494	458,884	47,024	418,553
Anthracite	"	286	2,813	229	2,315
Wood	Cord	-	-	-	-
Fuel Oil	Imp. Gal.	83,672	6,149	678,899	46,685
Gasoline, including gasoline used in cars and trucks ...	" "	12,952	4,105	18,840	5,892
Gas -					
Manufactured	M cu. ft.	531	601	1,310	1,663
Natural	" " "	129	97	78	67
Other Fuel	-	-	720	-	1,804
TOTAL COST OF FUEL ...	-	-	473,369	-	477,079
Electricity purchased (in- cluding service charges) ..	Kw. H.	5,707,175	73,667	6,495,406	75,255
TOTAL COST OF FUEL AND ELECTRICITY	-	-	547,036	-	552,334

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1945

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	5176 Henri Julien St., Montreal
Consolidated Piece Dyers Ltd.	498 Ash Ave., Montreal
(Holdsworth Montreal Division)	
Dominion Silk Dyeing and Finishing Co. Ltd.	35 Heriot St., Drummondville
Dominion Silk Printing Ltd.	Heriot St., Drummondville
Eternal 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
Hughes and Co.	2050 Bleury St., Montreal
Kendex Mfg. Co. Reg'd.	140 Mercier St., St. John's
London Sponging Inc.	432 Ontario St. West, Montreal
Manufacturers Sponging Works Ltd.	10 Ontario St. West, Montreal
Pacific Textiles Ltd.	3575 St. Lawrence Blvd., Montreal
Pugach Sponging Works	987 Cote St., Montreal
St. Luke Industries Ltd.	425 River Ave., Verdun
Textile Colouring Inc.	425 River St., Section M1, Verdun
Textile Processors Reg'd.	2050 Bleury St., Montreal
Valley Dyeing and Finishing Co. Ltd.	Edmond St., Valleyfield
	(H.O. 423 Mayor St., Montreal)

ONTARIO

Adam Cloth Finishing Co. Ltd.	126 Wellington St. West, Toronto
Aberfoyle Manufacturing Co. of Canada Ltd.	Metcalf 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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