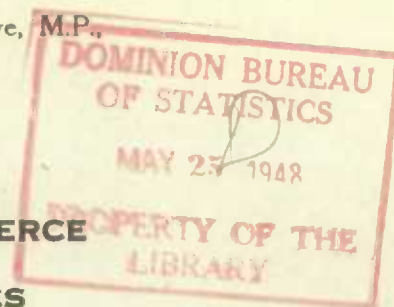


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Minister of Trade and Commerce



CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

+ + + *Census of Industry* + + +

GENERAL MANUFACTURING STATISTICS

REPORT

ON THE

DYEING & FINISHING OF TEXTILE GOODS

IN

CANADA

1946



OTTAWA
1948

CANADA
DEPARTMENT OF TRADE AND COMMERCE
BUREAU OF STATISTICS
General Statistics
GENERAL AND ECONOMIC STATISTICS

REPORT
ON THE

STATUS OF THE CANADIAN ECONOMY

IN
CANADA

1961



OTTAWA
1961

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

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DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1946.

In 1946 reports were received from 41 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 2,188 persons who were paid the sum of \$2,409,389 in salaries and wages. The gross value of the work performed amounted to \$9,207,244 and the value added by manufacture totalled \$6,785,972.

The industry is confined to the provinces of Ontario and Quebec. Ontario with seventeen establishments employed 952 persons, while Quebec with twenty-four establishments reported 1,236 persons. Quebec with over 56 per cent of the employees and about 60 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 1946 which is reflected in an increase of 266 in the number of persons employed and \$485,705 in the salaries and wages paid. There was also an increase of \$875,936 or 10.5 per cent in the value of work performed.

The gross value of work performed in 1946 amounted to \$9,207,244, of which \$5,653,800 or 61 per cent was represented by dyeing and finishing of textile fabrics. Printing and painting of textile fabrics amounted to \$1,643,544 while other products reported consisting of dyeing and finishing of yarns, rubberizing, bleaching, etc. totalled \$1,909,900. Details of production are given 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 1,461, or 79 per cent of the total wage earners in 1946, while the female wage-earners totalled 390. The average annual wage was \$1,311 compared to \$1,279 in 1945, while the average salary rose from \$2,745 in that year to \$2,915 in 1946.

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1946

Table 1. - Principal Statistics, 1945 and 1946.

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	975,797	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
1943	40	7,897,269	1,656	2,446,760	2,981,932	9,008,917
<u>1 9 4 4</u>						
CANADA	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>						
CANADA	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
<u>1946</u>						
CANADA	41	Not	2,188	3,409,389	1,790,674	9,207,244
Ontario	17	collected	952	1,573,693	680,150	3,726,026
Quebec	24	in 1946	1,236	1,835,696	1,110,524	5,481,218

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, 1946.

Table 2. - Comparison of Principal Statistics, 1945 and 1946.

Items	1945	1946	+ Increase - Decrease
Establishments reportingNo.	40	41	+ 1
Employees on salaries-			
TotalNo.	317	337	+ 20
MaleNo.	206	220	+ 14
FemaleNo.	111	117	+ 6
Total salaries\$	870,266	982,316	+ 112,050
Employees on wages -			
Monthly averageNo.	1,605	1,851	+ 246
MaleNo.	1,133	1,461	+ 328
FemaleNo.	472	390	- 82
Total wages\$	2,053,418	2,427,073	+ 373,655
Power equipment-			
UnitsNo.	1,521	1,544	+ 23
Horse-power capacity.....H.P.	6,377	6,226	- 151
Cost of fuel and electricity\$	552,334	630,598	+ 78,264
Cost of materials used\$	1,581,984	1,790,674	+ 208,690
Gross value of work performed\$	8,331,308	9,207,244	+ 875,936
Value added by manufacture\$	6,196,990	6,785,972	+ 588,982

Table 3. - Value of Work performed, 1945 and 1946.

Principal Items	1945 Value at Plant	1946 Value at plant
	\$	\$
Dyeing and finishing of textiles fabrics	5,483,574	5,653,800
Dyeing, finishing and mercerizing of yarns	936,786	640,709
Printing and painting on textile fabrics	1,038,780	1,643,544
Dyeing and finishing of other products	132,668	154,219
Rubberizing, mercerizing and waterproofing fabrics	131,202	358,026
Bleaching, shrinking, sponging and all other work	608,298	756,946
TOTAL VALUE OF WORK PERFORMED	8,331,308	9,207,244

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1946

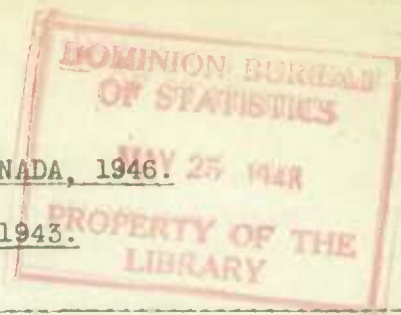
Table 4. - Materials Used, 1945 and 1946.

Principal Materials	Unit of Measure	1 9 4 5		1 9 4 6	
		Quantity	Cost Value at Plant	Quantity	Cost Value at Plant
			\$		\$
Aniline and other dyes -					
Sulphur colours	Pound	229,212	203,900	228,640	216,048
Direct colours	"	86,609	119,876	153,547	203,319
Indirect colours	"	46,196	57,967	114,719	121,345
Acid or basic colours .	"	70,107	72,229	92,882	112,201
(1) Other colours and dyes	"	118,556	141,422	128,312	185,576
Alum	"	87,830	1,861	93,921	1,808
Epsom salts	"	56,437	1,574	49,169	1,526
Common salt	"	3,794,097	23,740	3,745,026	24,695
Chloride of lime	"	3,600	48	10,100	293
Glauber's salt	"	1,544,826	20,632	1,551,058	24,906
Soda ash	"	505,404	9,461	730,686	15,859
Soaps	"	619,613	75,784	687,875	91,380
Starch	"	174,907	10,276	181,604	10,697
Other weighting materials	-	-	13,622	-	14,268
Liquid ammonia	Pound	88,379	3,139	92,905	3,152
Liquid chlorine	"	205,906	4,272	223,949	6,970
Gasoline and benzine	Gallon	16,203	4,831	15,806	5,430
Alcohol	Prf.Gal.	18,443	17,365	6,025	6,493
Hydrogen peroxide	Pound	93,597	19,039	106,430	21,249
Sulphuric acid 66° Be ...	"	410,079	7,038	518,435	9,454
Acetic acid	"	212,051	16,925	273,179	23,014
Formic acid	"	20,129	3,532	26,507	4,668
Muriatic acid	"	164,303	3,970	235,318	5,686
Sulphonated oils	"	63,407	9,703	81,534	13,561
Carbon tetrachloride	"	2,897	263	2,140	211
Trisodium phosphate	"	17,783	843	16,875	818
Caustic soda	"	363,145	11,501	278,669	11,439
Other chemicals, not specified	-	-	548,306	-	401,490
Rubberizing materials ...	-	-	83	-	113
All other materials	-	-	61,848	-	184,095
Packing and shipping materials	-	-	116,934	-	68,910
<hr/>					
TOTAL COST OF MATERIALS USED	-	-	1,581,984	-	1,790,674

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

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1946.

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 miscellaneous supplies on-hand	Operating Capital (cash, bills and accounts receivable, 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

1 9 4 2

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

1 9 4 3

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, 1946.

Table 6. - Principal Statistics of the Dyeing and Finishing of Textile Goods in Canada, for 1945 and 1946 Grouped According to the Size of Establishment.

Establishments having a production of -	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	No.	\$	\$	\$
<u>1 9 4 5</u>					
Under \$5,000	-	-	-	-	-
\$5,000 to \$25,000	10	62	92,653	15,523	164,750
\$25,000 to \$50,000	8	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	486	802,305	331,862	2,003,388
\$500,000 to \$1,000,000 .	6)				
\$1,000,000 and over	1)	1,217	1,757,782	1,115,032	5,567,083
TOTAL	40	1,922	2,923,684	1,581,984	8,331,308
<u>1 9 4 6</u>					
Under \$5,000	-	-	-	-	-
\$5,000 to \$25,000	6	25	40,343	18,606	118,143
\$25,000 to \$50,000	10	132	215,765	9,218	351,374
\$50,000 to \$100,000	6	85	162,017	104,472	425,471
\$100,000 to \$500,000 ...	14	869	1,368,876	626,743	3,535,237
\$500,000 to \$1,000,000 .	3)				
\$1,000,000 and over	2)	1,077	1,622,388	1,031,635	4,777,019
TOTAL	41	2,188	3,409,389	1,790,674	9,207,244

Table 7. - Employees by Sex and Remuneration, 1945 and 1946.

	1 9 4 5	1 9 4 6
Salaried Employees -		
Total	No. 317	337
Male	No. 206	220
Female	No. 111	117
Total salaries	\$ 870,266	982,316
Wage-earners -		
Monthly average	No. 1,605	1,851
Male	No. 1,133	1,461
Female	No. 472	390
Total wages	\$ 2,053,418	2,427,073
Total employees -		
Total	No. 1,922	2,188
Male	No. 1,339	1,681
Female	No. 583	507
Total salaries and wages	\$ 2,923,684	3,409,389

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1946.

Table 8. - Monthly Employment of Wage-earners, 1944 to 1946.

Months	1 9 4 4			1 9 4 5			1 9 4 6		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January ...	1,041	355	1,396	1,114	362	1,476	1,349	365	1,714
February ..	1,047	351	1,398	1,099	384	1,483	1,408	424	1,832
March	1,045	345	1,390	1,086	411	1,497	1,438	423	1,861
April	1,015	346	1,361	1,053	580	1,633	1,431	428	1,859
May	990	328	1,318	1,045	651	1,696	1,433	400	1,833
June	980	349	1,329	1,110	621	1,731	1,409	406	1,815
July	993	354	1,347	1,118	584	1,702	1,437	393	1,830
August	995	336	1,331	1,122	514	1,636	1,470	367	1,837
September .	1,000	337	1,337	1,171	402	1,573	1,491	354	1,845
October ...	1,032	340	1,372	1,189	378	1,567	1,532	363	1,895
November ..	1,070	341	1,411	1,233	385	1,618	1,559	389	1,948
December ..	1,082	350	1,432	1,241	382	1,623	1,540	359	1,899
MONTHLY AVERAGE ..	1,027	346	1,373	1,133	472	1,605	1,461	390	1,851

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, 1946

Table 10. - Power Equipment, 1945 and 1946.

Classes of Power	1945		1946	
	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	9	252	7	245
Gasoline, Gas and oil engines				
other than Diesel engines -				
In use	1	70	-	-
Idle	-	-	1	70
Electric motors operated by				
purchased power -				
In use	1,446	5,721	1,459	5,490
Idle	65	334	77	421
TOTAL POWER USED IN				
MANUFACTURING	1,521	6,377	1,544	6,226
Boiler installation -				
In use	21	5,747	22	6,555
Idle	6	730	7	750
Motor generator sets k.v.a.	3	226	3	232

Table 11. - Consumption of Fuel and Electricity, 1945 and 1946.

Kinds of Fuel	Unit of Measure	1945		1946	
		Quantity	Cost Value at Factory	Quantity	Cost value at Factory
			\$		\$
Coal -	Ton				
Bituminous	(2,000 lb)	47,024	418,653	50,984	456,436
Anthracite	"	229	2,315	113	1,356
Wood	Cord	-	-	5	30
Fuel Oil	Imp. Gal.	678,899	46,685	1,130,862	77,745
Gasoline, including gasoline					
used in cars and trucks ...	" "	18,840	5,892	20,574	6,345
Gas -					
Manufactured	M cu. ft.	1,310	1,663	620	942
Natural	" " "	78	67	310	287
Other Fuel	-	-	1,804	-	1,667
TOTAL COST OF FUEL ...	-	-	477,079	-	544,808
Electricity purchased (in-					
cluding service charges) ..	Kw.-H.	6,495,406	75,255	7,081,371	85,790
TOTAL COST OF FUEL AND					
ELECTRICITY	-	-	552,334	-	630,598

DYEING AND FINISHING OF TEXTILE GOODS IN CANADA, 1946

A P P E N D I X

QUEBEC

Atlas Sponging Inc.	372 St. Catherine St. West, Montreal
Barrette, Paul,	12 Monk St., Longueuil
Canada Pad and Sponging Inc.,	460 St. Catherine St. West, Montreal
Canadian Master Prints Ltd.,	425-21st Ave., Lachine, Que.
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.,	9500 St. Lawrence Blvd., Montreal
Fraser, James and Sons,	6901 Jeanne Mance St., Montreal
Franco-Canadian Dyers Ltd.,	159 Cousins St., St. Johns
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. Johns
London Sponging Inc.,	432 Ontario St. West, Montreal
Manufacturers Sponging Works Ltd.,	10 Ontario St. West, 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.,	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. Catharine
Holdsworth & Co.,	7 Ontario Street, Toronto
Hughes & Co.,	786 King Street West, Toronto
Knox Unshrinkable Wools, Ltd.,	70 Crawford St., Toronto
R. W. Matthewman & Sons,	227 Sterling Road, Toronto
Novelty Textile Printing Works,	119 Pearl Street, Toronto
Robinson Cotton Mills, Ltd.,	Woodbridge, (H.O. - 55 Wellington St., Toronto)
	590 King Street West, Toronto
Summit Dyeing Co. Ltd.,	356-370 Dufferin Street, Toronto
Toronto Dyeing & Finishing Works,	Film Street, Trenton.
Trenton Dyeing & Finishing Co. Ltd.,	

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