

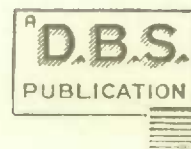
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GOVERNMENT OF CANADA



COTTON TEXTILES INDUSTRIES

1950



THE COTTON TEXTILE INDUSTRIES

1950

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NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus
- XVI Non-metallic Mineral Products
- XVII Coke and Gas—Petroleum Refining
- XVIII Chemicals and Allied Products

The present report belongs in Group VIII, Textiles. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A General Review of All Textiles, 50¢.

Textiles, Except Clothing

- B General Review, 25¢.
- C The Cotton Textile Industry, 40¢.
- D The Woollen Textile Industries, 40¢.
- E The Synthetic Textiles and Silk Industry, 25¢.
- F The Narrow Fabrics Industry, 25¢.
- G The Dyeing and Finishing of Textile Goods Industry, 25¢.

Miscellaneous Textile Products

- H The Awning, Tent and Sail Industry, 25¢.
- I The Cordage, Rope and Twine Industry, 25¢.
- J The Cotton and Jute Bag Industry, 25¢.
- K The Miscellaneous Textiles Industries, 25¢.

Clothing

- L General Review, 25¢.
- M The Men's Factory Clothing Industry, 40¢.
- N The Women's and Children's Factory Clothing Industries, 40¢.
- O The Hosiery, Knitted Goods and Fabric Glove and Mitten Industries, 35¢.
- P The Corset Industry, 25¢.
- Q The Fur Goods and Fur Dressing Industries, 25¢.
- R The Hat and Cap Industry, 25¢.
- S The Miscellaneous Clothing Industries, 25¢.

THE COTTON TEXTILE INDUSTRIES

1950

At the end of 1950 Canada's cotton textiles were again playing a vital defence role and at the same time meeting all civilian requirements. The industry was operating at capacity with plant expansion continuing and with production, employment and wages at record post-war levels.

Production at \$276,595,397 was nearly 22 per cent above 1949 and employment was up from 26,661 in 1949 to 28,430 in 1950. The major problems for the textiles group related to obtaining adequate supplies of raw materials. The principal factors affecting the cotton supply position were twofold, first the restriction of cotton acreage by the United States Government which led to an inadequate crop and secondly the tremendous demand for goods which to such a large extent has been stimulated by the Korean War. Spot cotton which was selling at approximately 31¢ a pound in January, 1950, had risen to over 44¢ by the end of December. The first half of 1950 witnessed a decline in market demand, but world events gave rise to particularly heavy orders during the latter months of the year. Demand broadened in anticipation of price increases and also in the expectation that military requirements might curtail the quantity of goods available for the domestic market. In addition imports from foreign countries slackened as these countries expanded their own defence production and the resulting demand has fallen on domestic mills. Reflecting this expansion of mill activity, raw cotton consumption in the calendar year 1950 was at an all-time high level for the post-war period. In 1950 the mills opened 454,970 bales of 500 pounds each in comparison with 383,989 bales in 1949. Only in 1941 and 1942 was annual consumption higher than in 1950, with mills using 491,410 and 496,102 bales respectively. The Canadian industry in 1950 was typical of the world cotton textiles generally. The output of the chief producing countries was considerably higher, especially in the fourth quarter of the year. The main increases were in the United States, Japan and most of the Western European industries; India was the only major producing country to produce appreciably less than a year previously. Total world production of cotton cloth in 1950 is estimated to have been about 37,000 million square yards, compared with about 34,000 million in 1949 and an average of about 35,500 million in the years 1936 to 1938.

The cost of materials for the sixty-seven establishments in the cotton textile group of industries rose from \$134,332,208 in 1949 to \$168,361,273 in 1950, a gain of 25 per cent. In addition, salaries and wages were up by 12 per cent from \$52,306,156 in 1949 to \$58,481,457 in 1950. Unprecedented rises in the price of raw materials is having far-reaching effects on the economy of all divisions of cotton textile enterprises. Higher prices are being increasingly felt by the consumer and buying habits are being severely tested. Much experimentation has taken place in the blending of natural fibres with man-made fibres to produce a less expensive article. Interesting results have been obtained and in many cases the product has been improved. In addition to higher costs of materials and labour the Canadian industry is concerned about a shortage of skilled labour and it feels too, that imports will again increase due to such factors as the abolition of quota controls on U.S. imports, the appreciation of the Canadian dollar, the low-wage levels of some foreign industries and dollar drives in soft currency countries. Operating statements of many Canadian textile companies showed higher business costs due to more money being tied up in larger inventories and accounts receivable.

The establishments in the cotton textile group comprised 51 cotton yarn and cloth producers, 6 thread producers and 10 producers of miscellaneous cotton goods. The total number of establishments was divided provincially as follows Ontario 35, Quebec 27, British Columbia 2, New Brunswick 2 and Nova Scotia 1. Broadwoven fabrics were produced to the extent of 486,251,090 yards valued at \$157,580,140 in 1950 compared with 430,096,340 yards worth \$134,534,350 in 1949. Grey cotton fabric was the main item and 73,299,935 pounds or 224,054,922 yards worth \$60,656,834 were reported. In connection with this item it should be noted that a very considerable yardage goes to other mills for further processing, the amount so disposed of in 1950 totalling 105,165,659 yards. Yarns spun for sale totalled \$45,608,423 compared with \$35,205,954 the previous year and thread was valued at \$10,493,421 in 1950 compared with \$8,929,814 in 1949. Other important items were blankets, towels, bedspreads, etc. and in Table 3 will be found the valuation of these and all other items that could be shown without revealing individual company information, together with the quantity wherever possible.

The principal material used in this industry is raw cotton and in 1950 its consumption was 218,599,516 pounds valued at \$80,649,556 compared with 186,210,426 pounds valued at \$59,653,361 in 1949. Purchased yarns of all kinds used cost \$27,519,612 compared with \$23,071,042 the previous year. Dyes, bleaches, chemicals, etc., cost \$5,088,302 in 1950 compared with \$4,677,917 in 1949.

Imports of cotton and its products (wearing apparel excluded) increased from a value of \$137,206,606 in 1949 to \$154,623,491 in 1950. However the imports of cotton piece goods were down sharply. For example, imports of "Woven fabrics, cotton, printed, dyed or coloured, n.o.p., valued at more than 80 cents per pound" showed a reduction from 15,048,146 pounds in 1949 to 12,193,011 pounds in 1950. Exports showed an increase from \$4,821,898 in 1949 to \$6,913,138 in 1950. The principal items of export were fabrics, surgical and sanitary supplies, duck, rags and waste. For full details of exports and imports reference should be made to Tables 6 and 7 of this Report.

While domestic cotton mills satisfied approximately 60 per cent of domestic piece goods requirements during the year 1950, they met 80 per cent of the domestic demand for cotton sales yarn. When current expansion programs are completed

it is expected that the industry will satisfy a greater proportion of domestic needs. In the post-war period, high investment in the industry has led to a remarkable growth in efficiency with an increase in man-hour productivity. Spinning mills have installed new cards and modern long draft spinning frames while modern, high-speed automatic looms have been installed in most weaving departments. Dyeing and finishing departments have been modernized and overhauled as well. Specific technical improvements have been made in the machinery associated with nearly every process. In carding, machine manufacturers have aimed at improved designs at higher cylinder speeds, better setting control, less vibration and more noiseless operation. New drawing frames based on varying principles have been developed. In spinning the trend has been toward improved long draft, ball and roller bearing spindles, self-aligning top rollers, "one shot" frame lubrication, revolving cleaners and general reduction of grease and oil in the drafting area. Improvements have also been made to winding and quilling equipment, the hot air slasher has been perfected and in the weaving process particular attention has been paid to the obtaining of higher speeds and the use of larger beams. The improvements in general over the past few years have been designed to boost productive levels, increase machine efficiency, improve quality of output and reduce overall unit cost.

TABLE 1. Location of Mills of Cotton Textile Group of Industries, 1950

Province	Cotton yarn and cloth	Cotton thread	Miscellaneous cotton goods	All cotton textile mills
	No.	No.	No.	No.
Canada	51	6	10	67
Nova Scotia	1	—	—	1
New Brunswick	2	—	—	2
Quebec	18	4	5	27
Ontario	29	2	4	35
Manitoba	—	—	—	—
Alberta	—	—	—	—
British Columbia	1	—	1	2

Note: Production in the "Miscellaneous Cotton Goods" includes batts, batting and wadding, waste cotton and flock, cotton felt and a number of other miscellaneous products.

TABLE 2. Principal statistics of the Cotton Textile Group of Industries, 1928 to 1950¹

Year and industries	Estab- lish- ments	Employees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
1928	79	23,449	19,481,407	51,555,246	91,480,532
1929	80	22,087	18,550,186	49,980,812	90,079,956
1930	77	18,590	14,561,949	33,088,200	58,587,366
1931	93	17,577	13,987,990	26,210,708	50,986,932
1932	95	16,818	13,161,177	22,188,896	45,351,012
1933	104	17,885	13,221,729	29,789,948	58,460,780
1934	104	20,029	15,407,351	37,689,370	70,275,980
1935	106	20,248	15,031,412	38,615,498	68,917,349
1936	106	20,224	16,256,130	42,313,122	75,413,189
1937	111	21,660	18,578,034	48,244,951	83,360,521
1938	109	20,444	16,774,848	35,233,954	67,205,182
1939	110	22,340	19,120,445	41,377,000	81,229,698
1940	108	26,017	25,362,997	60,975,877	115,559,067
1941	120	29,600	30,381,883	79,747,984	146,120,232
1942	155	29,394	33,204,504	94,554,896	164,448,498
1943	157	27,076	32,330,930	94,670,799	149,919,820
1944	162	25,498	32,284,527	81,644,206	140,059,844
1945	175	25,543	32,849,518	81,780,003	139,430,423
1946	198	24,908	34,653,406	82,283,184	140,822,004
1947	211	28,305	41,629,581	120,205,792	191,282,544
1948	211	29,270	53,154,391	142,868,434	240,217,964
1949					
Total	69	26,661	52,306,156	134,332,208	227,251,790
Cotton yarn & cloth	53	25,178	49,363,696	124,685,279	211,384,517
Cotton thread	6	883	1,551,421	5,325,619	9,053,634
Miscellaneous cotton goods	10	600	1,391,039	4,321,310	6,813,639
1950					
Total	67	28,430	58,481,457	168,361,273	276,595,397
Cotton yarn & cloth	51	26,967	55,220,043	157,835,813	257,383,892
Cotton thread	6	831	1,634,204	5,084,454	10,574,641
Miscellaneous cotton goods	10	632	1,627,210	5,441,006	8,636,864

1. Statistics for this year are compiled in accordance with Standard Industrial Classification whereas compilations in 1948 and prior years were based on "chief component material" classification. See Texts, pages 3 and 13.

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.

TABLE 3. Products Made by the Cotton Textile Group of Industries, 1950

Principal products	Quantity		Selling value at factory
	Pounds	Lineal yards	\$
Broadwoven fabrics:			
All cotton:			
Grey ¹	73,299,935	224,054,922	60,656,834
Bleached	13,438,928	49,874,850	15,497,986
Printed and painted	14,604,926	62,298,255	19,069,652
Piece dyed	22,898,516	83,430,395	27,877,665
Yarn and stock dyed	15,984,304	38,972,828	16,129,372
Pillow cotton	395,900	1,122,883	443,513
Bed sheeting	7,013,379	11,714,394	6,693,387
Towelling	852,991	4,325,349	1,015,749
Drapery and damask	69,252	99,060	110,099
Tapestries and other upholstering materials	1,968,774	2,892,603	5,350,036
All other fabrics	3,400,101	7,465,551	4,735,847
Total	153,927,006	486,251,090	157,580,140
	Unit of measure	Quantity	Selling value at factory
			\$
Narrow fabrics (12" and under)	Lineal yards	18,839,924	1,185,677
Yarns spun for sale:			
All cotton:			
Grey, knitting	Pounds	17,157,195	13,513,579
" other, singles	"	10,956,674	7,275,278
" other, plied	"	17,185,745	12,224,932
Bleached, knitting	"	559,672	600,314
" other	"	367,248	334,611
Coloured, knitting	"	3,489,494	3,099,381
" other	"	2,251,870	1,868,277
All other	"	3,673,634	3,563,761
Cotton and Wool Mixed:			
Grey	"	459,980	624,196
Bleached and coloured	"	41,676	71,520
Spun rayon	"	455,470	335,728
Mixtures with spun rayon	"	255,372	400,239
Other yarns	"	746,163	1,696,607
Thread:			
Cotton	—	2,633,859	10,377,321
Other	—	47,230	116,100
Tire Fabrics (woven)	Pounds	28,875,041	20,992,318
Twine, Cordage, etc.:			
Wrapping twine	Pounds	2,972,410	1,707,049
Other twines, lines, rope and cordage	"	2,981,088	2,375,048
Blankets:			
All Cotton	Pair or pounds	1,925,318	5,868,727
Cotton mixed	Pair or pounds	5,902,311	2,314,682
Towels:			
Plain	Dozen	162,268	541,363
Huck	"	160,830	419,411
Terry	"	1,116,076	5,554,240
Terry Bath mats	"	2,354	32,986
Terry face cloths	—	—	1,229,901
Other Terry woven goods	—	—	—
Bed Spreads & Quilts:			
Cotton	Dozen	—	895,468
Other	"	—	—
Pillow cases and sheets	Dozen	—	5,289,458
Waste: Cotton	Pounds	41,560,337	4,307,660
Other	"	3,787,036	768,378
Batts, Batting and Wadding	—	—	3,480,915
Padding, wipers and rags	—	—	689,804
Felt, cotton and jute	—	6,988,698	998,212
All other products	—	—	1,14,133
Custom work and repairs	—	—	1,47,983
Total value of products	—	—	276,555,397

1. It should be noted that in 1950, 105,165,659 yards of grey cotton went to other mills for further processing.

TABLE 4. Materials Used by The Cotton Textile Group of Industries, 1950

Principal materials		1950	
		Quantity	Cost value at factory
			\$
Cotton:			
Raw	Pound	218, 599, 516	80, 649, 556
Linters	"	3, 070, 478	384, 740
Waste	"	11, 397, 781	3, 659, 666
Wool, raw, wool-tops, waste, etc.	"	2, 290, 620	1, 689, 660
Waste, other	"	20, 154, 045	1, 598, 705
Rayon staple fibre	"	1, 984, 860	679, 396
Fibres, all other	"	500, 577	234, 259
Yarns, domestic (not made by plant reporting):			
All cotton:			
Grey	"	14, 225, 283	9, 760, 885
Coloured	"	319, 485	230, 023
Other	"	35, 550	66, 982
Artificial silk (continuous filament)	"	9, 716, 582	6, 610, 945
Spun rayon including spun rayon mixtures	"	228, 887	206, 586
All other	"	652, 885	891, 411
Yarns, imported:			
Artificial silk (continuous filament)	"	5, 095, 614	3, 716, 924
All cotton:			
Grey	"	1, 652, 996	2, 383, 789
Other	"	1, 422, 266	3, 147, 124
All other	"	323, 806	504, 943
Fabrics, domestic (not made by plant reporting):			
All cotton:			
Grey	Pound or Yd.	27, 674, 925	} 25, 198, 918
		105, 165, 659	
All other	Yd.	2, 797, 323	502, 747
Fabrics, imported :			
All cotton	Pound or Yd.	12, 070, 806	} 9, 057, 751
		48, 568, 079	
Cheese cloth	Yd.	1, 824, 213	107, 794
Burlap	"	1, 412, 543	263, 920
Starch and sizing materials:			
Potato starch	Pound	4, 262, 515	303, 390
Corn starch	"	2, 851, 782	189, 112
Other starch and sizing materials	"	—	833, 088
Rubber yarn and thread	Pound	—	157, 772
Rags	"	6, 569, 207	393, 197
Dyestuffs, bleaches, chemicals, oils, etc.	—	—	5, 088, 302
Spools, tubes, spool wood, paper cones, etc.	—	—	736, 799
Finishing, processing and dyeing charges	—	—	745, 155
All other materials	—	—	6, 549, 702
Packing and shipping materials	—	—	1, 818, 032
Total cost of materials used	—	—	168, 361, 273

TABLE 5. Total Canadian Production of Cotton Broadwoven Fabrics, 1939-1950

	Pounds	Yards ¹	Value	1. A significant part of this yardage went to other mills for further processing as follows:
			\$	
Unbleached or Grey:				
1939	—	171,130,123	15,646,642	81,579,690
1940	—	204,628,108	24,517,537	97,710,179
1941	79,491,631	239,331,273	30,927,814	125,815,223
1942	82,282,131	230,958,260	35,307,480	126,973,902
1943	70,007,630	189,409,198	33,371,433	102,535,619
1944	63,437,015	182,515,066	29,341,362	80,790,102
1945	59,190,885	167,070,205	26,636,605	72,592,103
1946	54,555,126	157,716,615	25,384,530	70,794,019
1947	53,134,243	152,944,643	36,121,522	57,965,340
1948	58,642,833	161,484,996	46,420,825	67,401,360
1949	60,420,593	182,630,653	47,963,304	88,281,439
1950	73,299,935	224,054,922	60,656,834	105,165,659
	Pounds	Yards	Value	
			\$	
Bleached or White:				
1939	—	33,104,859	3,029,764	
1940	—	27,343,303	2,935,061	
1941	8,163,880	35,557,370	4,231,626	
1942	9,689,511	39,866,539	5,847,612	
1943	8,916,329	36,499,248	5,466,831	
1944	9,176,964	38,807,141	5,555,945	
1945	7,097,897	28,971,545	4,337,532	
1946	6,997,313	27,905,456	4,488,912	
1947	8,961,604	33,204,371	8,042,616	
1948	9,841,527	36,165,013	9,845,191	
1949	11,296,089	43,055,449	12,316,617	
1950	13,438,928	49,874,850	15,497,986	
Yarn and Stock Dyed:				
1939	—	32,739,703	5,726,772	
1940	—	41,019,315	7,826,572	
1941	16,777,127	41,168,708	8,309,505	
1942	15,148,199	37,912,263	7,656,501	
1943	12,863,554	32,704,289	6,450,842	
1944	11,853,952	31,501,906	6,288,998	
1945	12,456,487	31,155,040	6,175,655	
1946	12,886,602	31,750,540	7,223,237	
1947	17,319,783	29,434,742	10,839,885	
1948	15,104,663	37,268,831	13,844,171	
1949	16,093,286	38,950,827	15,009,133	
1950	15,984,304	38,972,828	16,129,372	
Piece Dyed:				
1939	—	38,343,520	5,028,358	
1940	—	54,983,213	9,992,102	
1941	16,856,305	65,370,991	12,092,992	
1942	26,992,975	78,573,208	21,084,422	
1943	24,040,066	68,131,111	16,351,666	
1944	12,774,992	43,789,209	8,341,166	
1945	13,587,983	44,395,393	9,113,889	
1946	9,082,659	33,514,265	7,382,261	
1947	12,667,799	41,377,348	12,277,430	
1948	13,053,443	44,405,296	15,702,048	
1949	19,879,726	72,361,262	22,584,703	
1950	22,898,516	83,430,395	27,877,665	
Printed and Painted:				
1939	—	54,056,219	6,740,435	
1940	—	54,389,088	7,381,334	
1941	17,998,279	75,536,726	11,469,975	
1942	20,385,886	88,350,011	11,231,174	
1943	13,975,886	60,935,386	10,207,058	
1944	16,911,430	74,655,392	12,292,715	
1945	13,834,594	59,398,724	10,059,468	
1946	12,454,373	49,956,885	9,358,626	
1947	12,950,780	54,619,453	13,120,364	
1948	15,580,878	68,806,390	20,802,166	
1949	14,944,256	65,612,775	19,754,867	
1950	14,604,926	62,298,255	19,069,652	

TABLE 6. Imports of Raw Cotton, Yarns, Piece Goods, etc. (not including Wearing Apparel)
1949 and 1950

Items	1949		1950	
	Quantity	Value	Quantity	Value
		\$		\$
Raw and Unmanufactured:				
Raw cotton	lb. 203,946,635	65,676,309	228,642,738	88,460,566
Cotton linters, n.o.p.	" 16,712,881	1,360,006	16,867,392	2,100,348
Batts, batting and wadding of cotton	" 549,386	241,570	698,229	366,085
Carded cotton sliver, grey: cotton fibres, bleached or coloured, n.o.p.	" 36,285	10,935	89	17
Yarn, Thread, Cord and Twine:				
Yarns, cotton, singles, n.o.p.	" 172,883	188,692	230,153	266,112
Yarns, cotton, singles, for knitted goods	" 1,981,062	1,475,133	345,378	356,459
Thread, cotton, n.o.p.	" 436,997	771,122	498,586	891,478
Yarns, cotton, n.o.p.	" 1,255,785	1,171,479	1,030,884	1,286,746
Crochet and knitting cotton, n.o.p.	" 173,862	354,056	218,978	452,470
Cords and twines, cotton, n.o.p.	" 295,417	258,472	431,044	406,062
Sewing cotton thread, on spools	" 38,204	74,120	38,610	76,116
Cotton yarns, covered with metallic strip (tinsel thread) ..	" 42,987	69,491	54,937	109,673
Yarns, cotton, mercerized, 40's and finer	" 130,113	260,470	87,538	167,781
Yarns, cotton, in hanks, for thread and knitting and embroidery cottons	" 1,124,643	1,960,270	918,167	1,454,345
Yarns, cotton, 80's and finer, two-ply, gassed, of a class not made in Canada, for weaving	" 33,461	91,578	45,158	108,735
Yarns, cotton, 40's and finer, singles, for sewing thread ..	" 1,302,058	1,889,208	962,084	1,151,961
Yarns, cotton, 40's and finer, for mercerized cotton yarns ..	" 311,281	459,714	719,393	1,061,986
Yarns, cotton, coarser than 40's but exceeding 20's, singles, for thread and knitting and embroidery cotton ..	" 258,083	295,659	170,542	173,619
Piece Goods:				
Woven fabrics, cotton printed dyed or coloured, n.o.p., valued at more than 80 cents per pound	" 15,048,146	24,917,529	12,193,011	19,749,497
Woven fabrics, cotton printed, dyed or coloured, n.o.p., valued at 50 cents or more, but not more than 80 cents per pound	" 793,284	563,317	597,200	407,551
Woven fabrics, cotton printed, dyed or coloured, n.o.p., valued at less than 50 cents per pound	" 54,691	19,421	61,830	24,523
Woven fabrics, cotton, denims	" 801,354	666,780	235,344	203,914
Handkerchief cotton, bleached	—	59,743	—	132,891
Woven fabrics; cotton, not bleached, mercerized nor coloured, n.o.p.	lb. 21,960,007	16,864,962	18,126,073	14,836,831
Canton flannels, sheetings and pillow cotton; plain shirtings, cambrics, longcloths, nainsooks, flannel-ettes and saxonies, not coloured	" 2,473,701	3,288,444	1,304,665	1,940,601
Towelling in the web, not coloured	" 110,642	97,544	25,246	27,652
Voiles, scrims, lawns, India linens, muslins, fancy shirtings, piques, cords, diaper and jaconets, not coloured	" 82,501	185,475	100,258	197,349
Woven fabrics, cotton bleached or mercerized, n.o.p., not coloured	" 430,670	625,446	240,422	376,519
Cheese cloth and gauze of cotton bleached or unbleached ..	" 246,493	276,913	234,385	262,005
Woven fabrics, cotton, of 100's and finer average yarn count	" 62,809	227,047	315,244	1,137,314
Woven fabrics, cotton, with cut pile, n.o.p.	" 319,357	641,385	437,620	915,959

TABLE 6. Imports of Raw Cotton, Yarns, Piece Goods, etc. (not including Wearing Apparel), 1949 and 1950 - Concluded

Items	1949		1950	
	Quantity	Value	Quantity	Value
		\$		\$
Piece Goods:				
Woven fabrics, cotton, not coloured, for typewriter ribbons.....	—	411,435	—	290,238
Sailcloth, Egyptian cotton, for sails..... lb.	7,862	26,159	7,889	18,791
Filter cloth, cotton, with cut pile, in the web, or made up, for mining..... "	4,434	5,930	5,245	7,145
Knitted fabric, cotton..... "	76,056	144,133	197,561	322,384
Shadow crelannes, cotton..... "	11,290	20,364	13,728	20,278
Gabardines, cotton..... "	186,779	429,467	160,840	317,365
Woven fabrics, cotton, of number 80 to not more than 99 average yarn count..... "	30,672	40,224	24,337	88,817
Fabrics, with cut welt pile, cotton, or of cotton and artificial silk..... "	1,038,110	2,363,070	2,269,530	4,390,832
Woven fabric, cotton, for covering books..... "	85,423	88,202	135,645	136,746
Lace and embroideries, cotton, not coloured, for clothing..... "	—	1,677,875	—	1,991,707
Lace and embroideries, cotton, coloured, for clothing lb.	72,560	493,431	100,528	640,467
Embroideries, cotton, n.o.p. "	28,252	180,973	33,297	210,764
Lace, bobbinet, nets, and netting, n.o.p., cotton..... "	98,819	503,703	97,083	406,535
White cotton, bobbinet, plain, in the web..... yd.	129,806	79,873	105,251	50,785
Manufactures, n.o.p.:				
Bags, cotton..... lb.	294,253	187,385	135,391	110,353
Belting, cotton, for machinery..... —	—	254,662	—	268,069
Blankets, cotton, not to include automobile or steamer rugs, nor similar articles..... lb.	72,774	66,371	204,831	154,577
Tapes and webbings and manufactures of cotton fabrics, not exceeding two and one-half inches in width having hooks, eyes or eyelets attached thereto, generally known as hook and eye tape, for use in Canadian manufactures..... "	46,432	85,167	1,912	5,672
Braided wick for sanctuary lamps, candles or tapers..... —	—	24,378	—	29,907
Curtains, cotton, n.o.p..... lb.	56,888	127,920	48,421	104,259
Wash cloths and bath mats, cotton..... "	46,210	47,500	74,587	79,483
Tray cloths, table cloths, napkins, dresser scarves..... "	395,582	947,830	566,873	1,208,537
Duck, seamless cotton, for hose pipe..... —	—	262,725	—	254,913
Fringes and tassels, cotton..... lb.	2,601	4,191	3,805	7,855
Handkerchiefs, cotton..... "	317,579	1,179,647	425,236	1,357,277
Ladder tapes and braided cords, for Venetian blinds..... —	—	311,197	—	245,220
Mantle stocking for gas light..... —	—	2,914	—	120
Quilts and counterpanes, cotton..... lb.	250,068	300,343	502,541	613,292
Pillow cases, cotton..... "	287,549	487,188	376,775	599,209
Sheets, cotton..... "	317,128	419,856	383,831	505,346
Towels, cotton..... "	350,777	395,610	453,657	496,399
Cotton manufactures, n.o.p. "	423,670	594,593	378,284	589,384
Total..... —	—	137,206,606	—	154,626,491

TABLE 7. Exports of Cotton Products (not including Wearing Apparel), 1949 and 1950

Items	1949		1950	
	Quantity	Value	Quantity	Value
		\$		\$
Cotton thread and yarn	—	50,471	—	146,138
Cotton rags and waste cwt.	69,594	494,865	93,789	818,076
Cotton duck yd.	974,048	851,225	951,437	743,030
Cotton fabrics coated yd.	60,563	30,708	23,490	15,904
Cotton fabrics, n.o.p. yd.	4,667,076	3,005,138	6,109,493	4,765,831
Surgical and sanitary supplies of cotton	—	185,750	—	194,640
Cotton blankets, bedspreads and quilts	—	39,647	—	10,299
Cotton Sheets and pillow cases	—	9,575	—	6,660
Cotton towels and wash cloths	—	7,115	—	8,333
Cotton manufactures, n.o.p.	—	147,404	—	204,227
Total	—	4,821,898	—	6,913,138

TABLE 8. Provincial Distribution of Employees by Sex and Remuneration, 1950

	Quebec	Ontario	Other Provinces	Canada
Salaried Employees:				
Total No.	1,720	730	47	2,497
Male No.	1,105	443	29	1,577
Female No.	615	287	18	920
Total salaries \$	5,575,872	2,437,826	158,827	8,172,525
Wage-earners:				
Monthly average No.	16,954	7,844	1,135	25,933
Male No.	11,099	4,613	699	16,411
Female No.	5,855	3,231	436	9,522
Total wages \$	32,564,487	15,476,599	2,267,846	50,308,932
All Employees:				
Total No.	18,674	8,574	1,182	28,430
Male No.	12,204	5,056	728	17,988
Female No.	6,470	3,518	454	10,442
Total salaries and wages \$	38,140,359	17,914,425	2,426,673	58,481,457

TABLE 9. Monthly Employment of Wage-earners, 1950

	Male	Female	Total
	No.	No.	No.
January	16,113	9,459	25,572
February	16,330	9,519	25,849
March	16,373	9,507	25,880
April	16,162	9,343	25,505
May	15,844	9,119	24,963
June	15,834	9,258	25,092
July	16,073	9,000	25,073
August	16,350	9,352	25,702
September	16,689	9,714	26,403
October	16,882	9,933	26,815
November	17,079	10,047	27,126
December	16,895	9,945	26,840
Monthly average	16,411	9,522	25,933

TABLE 10. Estimated Capital, Repair and Maintenance Expenditures, 1946 - 1950

Year	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Total
(Thousands of dollars)									
Cotton yarn and cloth:									
1946	1,457	3,850	5,307	4,499	—	4,499	5,956	3,850	9,806
1947	1,894	6,866	8,760	745	2,809	3,554	2,639	9,675	12,314
1948	2,825	7,656	10,481	1,181	3,486	4,667	4,006	11,142	15,148
1949	1,767	7,111	8,878	1,741	4,242	5,983	3,508	11,353	14,861
1950	1,802	5,110	6,912	1,608	5,064	6,672	3,410	10,174	13,584
Cotton thread									
1946	25	10	35	102	—	102	127	10	137
1947	26	133	159	49	82	131	75	215	290
1948	105	250	355	27	163	190	132	413	545
1949	18	63	81	19	89	108	37	152	189
1950	—	229	229	19	94	113	19	323	342

SECTION 2. THE COTTON YARN AND CLOTH INDUSTRY, 1950

The value of production of the Cotton Yarn and Cloth Industry in 1950 reached the record level of \$257,383,892, a gain of almost 22 per cent or \$45,999,375 over the \$211,384,517 reported in 1949. The tempo of mill activity in this industry increased steadily during the year 1950 due to a number of causes. The early months saw a decline in imports from the United States and a better demand for reasonably priced domestic products. With the inception of the defence economy in June, raw material price advances forced upward revision of yarn and cloth quotations and the trade anticipated its requirements. Throughout the third and final quarters there was progressive expansion of manufacturing operations.

The provincial distribution of the 51 establishments in this industry in 1950 was as follows: Ontario 29, Quebec 18, New Brunswick 2, Nova Scotia 1 and British Columbia 1. Employment in the industry stood at 26,967 or 7 per cent above the 25,178 reported in 1949 and salaries and wages were up by 12 per cent from \$49,363,696 in 1949 to \$55,220,043 in 1950. The cost of materials used also showed a substantial increase of over 26 per cent rising from \$124,685,279 in 1949 to \$157,835,813 in 1950.

Broadwoven fabrics accounted for \$157,580,140 compared with \$134,534,350 in 1949 and were responsible for 61 per cent of the total value of production of the industry in 1950. All cotton broadwoven fabrics were produced to the extent of 475,793,876 lineal yards having a selling value at the factory of \$147,384,158. Of this production, grey cotton fabrics were responsible for 224,054,922 yards valued at \$60,656,834. These grey cotton fabrics, however,

included an amount equal to 105,165,659 yards valued at \$25,198,918 which went to other mills for further processing into printed and dyed cotton fabrics, etc., and which reappears as materials used. Other cotton broadwoven fabrics include bleached, to the extent of 49,874,850 yards, printed and painted 62,298,255 yards, piece dyed 83,430,395 yards, yarn and stock dyed 38,972,828 yards, pillow cotton 1,122,883 yards, bed sheeting 11,714,394 yards and towelling 4,325,349 yards. The balance of the broadwoven fabric production amounting to 10,457,214 yards was comprised of continuous filament synthetic yarn fabric, spun rayon and mixtures, drapery and damask and tapestries and upholstering materials. Production of narrow fabrics in 1950 was 18,839,924 lineal yards valued at \$1,185,677 compared with 17,136,954 lineal yards valued at \$1,143,097 in 1949. Production of tire fabrics in 1950 was 28,875,041 pounds valued at \$20,992,318 compared with 21,164,848 pounds valued at \$14,199,622 in 1949. Yarns spun for sale were valued at \$45,327,488 compared with \$34,947,054 the previous year.

The principal material used in this industry is raw cotton of which 218,516,648 pounds valued at \$80,632,056 were consumed in 1950 compared with 186,024,533 pounds at \$59,615,495 in 1949. Cotton yarn used totalled 15,325,503 pounds valued at \$11,106,991 compared with 14,989,378 pounds valued at \$9,972,076 the previous year. Domestic grey cotton fabrics not made by plant reporting were consumed to the extent of \$25,198,918 and imported grey cotton fabrics were consumed to the extent of \$9,057,751.

For further details of production and materials used see Tables 13 and 15.

TABLE 11. Principal Statistics, 1928 to 1950

Year and Province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
1928 ¹	38	21,615	17,688,791	44,704,779	79,219,582
1929 ¹	36	20,221	16,671,787	43,133,575	78,241,765
1930	33	16,999	13,004,793	27,975,574	48,692,878
1932	35	15,092	11,684,979	19,158,046	38,555,370
1933	37	16,095	11,749,286	26,456,914	51,179,628
1934	36	18,106	13,768,278	33,132,480	61,306,490
1935	35	18,121	13,206,265	33,689,873	59,378,664
1936	35	17,910	14,218,231	37,042,911	65,635,365
1937	36	19,160	16,350,956	42,063,654	72,113,878
1938	37	18,049	14,639,317	29,902,346	57,055,615
1939	36	19,723	16,733,206	35,527,356	70,385,460
1940	37	23,616	23,110,839	53,958,165	103,389,868
1941	39	26,375	27,178,142	69,284,679	128,421,012
1942	40	25,796	29,304,427	80,629,998	141,899,520
1943	40	23,526	28,146,211	80,663,290	126,879,874
1944	41	21,900	27,865,543	66,948,167	116,707,311
1945	41	21,646	28,020,333	66,528,980	114,682,802
1946	41	20,662	29,090,343	62,495,630	109,828,450
1947	45	24,089	35,444,413	99,599,159	158,272,431
1948					
Canada	47	24,813	45,955,981	119,738,802	203,446,901
Quebec	17	16,126	30,803,902	87,638,534	140,858,949
Other Provinces	30 ²	8,687	15,152,079	32,100,268	62,587,952

1. Includes oilcloths and linoleums.

2. Other provinces include: Ontario, 27 establishments, New Brunswick, 2 establishments, Nova Scotia, 1 establishment.

TABLE 11. Principal Statistics, 1928 to 1950 - Concluded

Year and Province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
1949					
Canada	53	25,178	49,363,696	124,685,279	211,384,517
Quebec	19	16,262	31,494,809	84,223,774	138,702,495
Other Provinces	34 ¹	8,916	17,868,887	40,461,505	72,682,022
1950					
Canada	51	26,967	55,220,043	157,835,813	257,383,892
Quebec	18	17,847	36,493,952	108,744,660	171,168,377
Other Provinces	33 ²	9,120	18,726,091	49,091,153	86,215,515

1. Other provinces include: Ontario, 30 establishments; New Brunswick, 2 establishments; Nova Scotia, 1 establishment; British Columbia, 1 establishment.

2. Other provinces include: Ontario, 29 establishments; New Brunswick, 2 establishments; Nova Scotia, 1 establishment; British Columbia, 1 establishment.

TABLE 12. Comparison of Principal Statistics, 1949 and 1950

Items	1949	1950	+ Increase - Decrease
Establishments reporting	No. 53	51	- 2
Employees on salaries:			
Total	No. 2,101	2,270	+ 169
Male	No. 1,342	1,424	+ 82
Female	No. 759	846	+ 87
Total salaries	\$ 6,176,505	7,283,076	+ 1,106,571
Employees on wages:			
Monthly average	No. 23,077	24,697	+ 1,620
Male	No. 14,443	15,771	+ 1,328
Female	No. 8,634	8,926	+ 292
Total wages	\$ 43,187,191	47,938,967	+ 4,749,776
Cost of fuel and electricity	\$ 3,626,212	4,238,517	+ 612,305
Cost of materials used	\$ 124,685,279	157,835,813	+33,150,534
Gross value of production	\$ 211,384,517	257,383,892	+45,999,375

TABLE 13A. Products Made by the Cotton Yarn and Cloth Industry, 1950

Principal Products	Quantity		Selling value at factory
	Pounds	Lineal yards	
Broadwoven Fabrics:			
All Cotton:			
Grey	73,299,935	224,054,922	60,656,834
Bleached	13,438,928	49,874,850	15,497,986
Printed and painted	14,604,926	62,298,255	19,069,652
Piece dyed	22,898,516	83,430,395	27,877,665
Yarn and stock dyed	15,984,304	38,972,828	16,129,372
Pillow cotton	395,900	1,122,883	443,513
Bed sheeting	7,013,379	11,714,394	6,693,387
Towelling	852,991	4,325,349	1,015,749
Drapery and damask	69,252	99,060	110,099
Tapestries and other upholstery materials	1,968,774	2,892,603	5,350,036
All other fabrics	3,400,101	7,465,551	4,735,847
Total	153,927,006	486,251,090	157,580,140

1. It should be noted that in 1950 a total of 105,165,659 yards of this grey cotton went to other mills for further processing

TABLE 13A. Products Made by the Cotton Yarn and Cloth Industry, 1950 - Concluded

Principal Products	Quantity	Selling value at factory
		\$
Narrow fabrics (12" and under) Lineal Yards	18,839,924	1,185,677
Woven Goods:		
Tire fabrics Pounds	28,875,041	20,992,318
Quilts, bedspreads, etc.:		
All cotton Dozen	—	895,468
Other "	—	5,289,458
Pillowslips and sheets "	—	—
Towels:		
Terry "	1,116,076	5,554,240
Plain "	162,268	541,363
Huck "	160,830	419,411
Terry bath mats "	2,354	32,986
Terry face cloths "	—	—
Other Terry woven goods "	—	1,229,901
Blankets:		
All Cotton Pr.	1,925,318	5,868,727
Cotton mixed "	713,008	2,314,682
Other woven goods "	—	69,353
Total woven goods	—	43,207,907
Yarns spun for sale:		
All Cotton:		
Grey, knitting Pounds	17,157,195	13,513,579
" , other singles "	10,956,674	7,275,278
" , other, plied "	17,185,745	12,224,932
Bleached, knitting "	559,672	600,314
" , other "	367,248	334,611
Coloured, knitting "	3,489,494	3,099,381
" , other "	2,251,870	1,868,277
All other "	—	3,285,226
Cotton and Wool Mixed:		
Grey "	459,980	624,196
Bleached and coloured "	41,676	71,520
Spun rayon "	453,158	333,328
Mixtures with spun rayon "	255,372	400,239
All other yarns "	746,163	1,696,607
Wrapping twine "	2,972,410	1,707,049
Other twines, lines, rope and cordage "	2,825,207	2,284,767
Cotton waste sold "	24,340,222	2,589,361
All other products "	—	2,086,717
Custom Processing Receipts "	—	1,414,786
Total all Products	—	257,383,892

TABLE 13B. Supplementary Breakdown, by Constructions, of Broadwoven Cotton Fabrics, 1950¹

Item	Net yardage	Item	Net yardage
1. Fine yarn fabrics (chiefly combed)	12,760,294	10. Flannels and flannelettes (napped)	27,094,599
2. Marquisettes (combed and carded)		11. Denim	18,437,117
3. Plied yarn ducks - Army		12. Cottonade, pants coverts	6,286,828
4. Plied yarn ducks - Numbered		13. Chambray, shirting coverts	
5. Single and double filling ducks	10,565,628	14. Yarn dyed ticking	3,318,487
6. Tobacco and cheese cloth	5,085,323	15. Other yarn dyed	
7. Coarse goods and industrial sheetings	91,549,933		
8. Print cloth types	121,677,835		
9. Drills and twills	47,948,786	Total	353,465,591

1. Includes grey, bleached, printed, and painted, piece dyed and stock dyed fabrics less duplicating figure of 105,165,659 yds. See Table 13A.

TABLE 14. Total Yarns Spun, 1950

	Pounds			
	Under 20's	20 to 39's	40's to 59's	60's and finer
All cotton	137,811,430	57,600,235	3,979,713	334,999
Spun rayon (including spun rayon mixtures).....	880,945	883,180	14,480	—
All other	2,297,556	279,396	—	—
Total	140,989,931	6,922,811	3,994,193	334,999

Note. Includes yarn spun for sale as given in Table 13A and yarn spun for use in the establishment reporting, or as custom work.

TABLE 15. Materials Used, 1950

Principal Materials	Quantity	Cost value at factory
		\$
Fibres:		
Cotton raw..... Pound	218,516,648	80,632,056
Cotton waste..... "	9,775,201	2,382,498
Wool, raw, wool-tops, waste, etc. "	893,316	1,429,000
Rayon staple fibre	1,984,860	679,396
All other fibres	500,577	234,259
Yarns, Canadian, not made by plant reporting:		
All cotton:		
Grey	14,215,615	9,752,453
Coloured	319,485	230,023
All other	35,550	66,982
Synthetic (continuous filament)	9,716,582	6,610,945
Spun rayon (including spun rayon mixtures)	226,575	204,186
Other	652,885	891,411
Yarns, imported:		
Grey and bleached cotton	754,853	1,057,533
Synthetic (continuous filament)	5,095,614	3,716,924
Other yarns	326,787	508,393
Fabrics, Canadian, not made by plant reporting:		
All cotton, grey	27,674,925 } 105,165,659 }	25,198,918
Other	2,797,323	502,747

TABLE 15. Materials Used, 1950 — Concluded

Principal materials	Quantity	Cost value at factory
		\$
Fabrics, imported:		
All cotton, grey	Pound 12,070,806	9,057,751
..... oryard	48,568,079	
Rubber yarn (bare and covered)	Pound } —	137,964
Thread (cotton)	" }	
Starch and sizing materials	" 14,918,977	1,323,202
Chemicals and dyestuffs	— —	4,731,740
Spools, tubes and cones of paper	— —	604,400
All other materials and supplies	— —	5,433,219
Processing and finishing by other mills	— —	742,499
Packing and shipping materials	— —	1,707,314
Total	— —	157,835,813

TABLE 16. Provincial Distribution of Employees by Sex and Remuneration, 1949 and 1950

	Quebec		Ontario		Other Provinces		Canada	
	1949	1950	1949	1950	1949	1950	1949	1950
Salaried Employees:								
Total..... No.	1,507	1,565	549	660	45	45	2,101	2,270
Male No.	990	1,002	325	395	27	27	1,342	1,424
Female No.	517	563	224	265	18	18	759	846
Total salaries \$	4,293,343	5,039,262	1,744,703	2,092,662	138,459	151,152	6,176,505	7,283,076
Wage-earners:								
Monthly average No.	14,755	16,282	7,124	7,284	1,198	1,131	23,077	24,697
Male No.	9,633	10,842	4,092	4,233	718	696	14,443	15,771
Female No.	5,122	5,440	3,032	3,051	480	435	8,634	8,926
Total wages.. \$	27,201,466	31,454,690	13,677,999	14,221,132	2,307,726	2,261,145	43,187,191	47,936,967
All Employees								
Total..... No.	16,262	17,847	7,673	7,944	1,243	1,176	25,178	26,967
Male No.	10,623	11,844	4,417	4,628	745	723	15,785	17,195
Female No.	5,639	6,003	3,256	3,316	498	453	9,393	9,772
Total salaries and wages.. \$	31,494,809	36,493,952	15,422,702	16,313,794	2,446,185	2,412,297	49,363,696	55,220,043

TABLE 17. Monthly Employment of Wage-earners, 1948 to 1950

	1948			1949			1950		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	14,354	9,071	23,425	15,138	9,230	24,368	15,508	8,905	24,413
February	14,611	9,259	23,870	15,334	9,190	24,524	15,718	8,957	24,675
March	13,335	8,544	21,879	15,173	9,135	24,308	15,762	8,956	24,718
April	14,450	9,230	23,680	14,875	8,810	23,685	15,538	8,794	24,332
May	14,354	9,184	23,538	13,650	8,085	21,735	15,218	8,561	23,779
June	13,618	8,754	22,372	13,666	8,069	21,735	15,197	8,699	23,896
July	14,261	8,865	23,126	14,011	8,490	22,501	15,442	8,436	23,878
August	13,721	8,577	22,298	13,536	8,541	22,077	15,707	8,768	24,475
September	14,150	9,003	23,153	13,811	8,238	22,049	16,040	9,078	25,118
October	14,421	9,056	23,477	14,515	8,550	23,065	16,208	9,263	25,471
November	14,588	9,068	23,656	14,717	8,626	23,343	16,398	9,369	25,767
December	14,510	9,033	23,543	14,853	8,605	23,458	16,208	9,275	25,483
Monthly average.....	14,198	8,973	23,171	14,443	8,634	23,077	15,771	8,926	24,697

TABLE 18. Machinery, Equipment and Spinning Hours, 1950

	Number	
Cards in place	4,576	
Spindles in place:	1,058,070	
Spinning (frame)	14,976	
Spinning (mule)	135,842	
Twisting and doubling		
	Auto-	Non-
	matic	automatic
Looms in place:		
From 28 to 32 inches wide	930	50
From 33 to 36 inches wide	547	3
From 37 to 41 inches wide	4,809	11
From 42 to 46 inches wide	6,892	8
From 47 to 68 inches wide	4,147	148
From 69 to 90 inches wide	1,222	214
More than 90 inches wide	590	57
Total looms in place	19,137	491
	Number	
Narrow fabric looms	90	
Jacquard machines in place on above looms	574	
Dobbies in place on above looms	1,654	
Possible spinning spindle hours for the year, estimated on a normal single shift basis:		
Mule	32,866,560	
Frame	2,330,700,880	
Actual spinning spindle hours during the year:		
Mule	50,154,530	
Frame	4,370,693,084	

SECTION 3 THE COTTON THREAD INDUSTRY, 1950

In 1950 the six establishments in this industry employed 52 less persons than in the previous year and produced goods worth \$1,521,007 more than in 1949. The employment level in 1950 was 831 and the drop was 6 per cent. The rise in production was 17 per cent from \$9,053,634 in 1949 to \$10,574,641 in 1950. The cost of materials used was \$5,084,454 or \$241,165 less than in 1949. Salaries and wages were increased, however, by 5 per cent and reached \$1,634,204 in 1950, a gain of \$82,783 in comparison with the \$1,551,421 reported in 1949. Four of the six establishments in this industry are located in Quebec, the other two in Ontario.

Thread was the only significant item of production in this industry. In 1950 it was valued at \$10,493,421 compared with \$8,929,814 in 1949.

Cotton and synthetic yarns are the principal materials used. In 1950, 2,329,408 pounds worth \$4,480,762 were consumed, compared with 2,496,606 pounds worth \$4,830,533 in 1949.

The industry gave a large share of employment to women, female wage-earners accounting for 491 out of a total monthly average of 665 wage-earners or 74 per cent. The monthly employment of wage-earners showed some seasonal variation, ranging from a low of 621 in March to a high of 743 in November.

TABLE 19. Principal Statistics, 1926 to 1950

Year	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
1926.....	5	774	686,858	2,360,350	4,538,217
1927.....	5	778	717,872	2,094,749	4,640,536
1928.....	5	752	688,355	1,969,340	4,464,981
1929.....	6	780	689,239	2,025,955	4,321,584
1930.....	7	696	638,915	1,577,661	3,816,868
1931.....	5	650	612,938	1,299,332	3,308,520
1932.....	5	648	596,037	1,110,383	3,186,524
1933.....	6	651	594,889	1,096,062	3,294,444
1934.....	5	613	635,849	1,545,885	3,809,408
1935.....	5	696	632,564	1,558,525	3,675,177
1936.....	5	774	739,227	1,502,341	3,411,208
1937.....	5	780	758,828	1,731,015	3,825,222
1938.....	5	748	725,555	5,515,279	3,521,296
1939.....	6	760	748,842	1,550,530	3,557,905
1940.....	5	848	867,452	2,259,283	4,721,302
1941.....	7	926	1,032,007	2,749,363	5,692,172
1942.....	7	933	1,099,682	3,172,384	6,182,178
1943.....	7	970	1,129,598	3,345,189	6,332,525
1944.....	7	905	1,094,570	3,381,739	5,876,095
1945.....	7	903	1,103,985	3,363,305	5,579,538
1946.....	7	927	1,144,283	3,460,966	5,942,577
1947.....	7	956	1,337,635	4,164,635	7,028,377
1948.....	6	1,036	1,653,033	5,142,587	8,906,705
1949.....	6	883	1,551,421	5,325,619	9,053,634
1950.....	6	831	1,634,204	5,084,454	10,574,641

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.

TABLE 20. Comparison of Principal Statistics, 1949 and 1950

Items		1949	1950	+ Increase - Decrease
Establishments reporting	No.	6	6	-
Employees on salaries:				
Total	No.	163	166	+ 3
Male	No.	106	105	- 1
Female	No.	57	61	+ 4
Total salaries	\$	491,359	547,366	+ 56,007
Employees on wages:				
Monthly average	No.	720	665	- 55
Male	No.	183	174	- 9
Female	No.	537	491	- 46
Total wages	\$	1,060,062	1,086,838	+ 26,776
Cost of fuel and electricity	\$	94,388	102,836	+ 8,448
Cost of materials used	\$	5,325,619	5,084,454	- 241,165
Gross value of production	\$	9,053,634	10,574,641	+ 1,521,007

TABLE 21. Employees by Sex and Remuneration, 1949 and 1950

		1949	1950
Salaried Employees:			
Total	No.	163	166
Male	No.	106	105
Female	No.	57	61
Total salaries	\$	491,359	547,366
Wage-earners:			
Monthly average	No.	720	665
Male	No.	183	174
Female	No.	537	491
Total wages	\$	1,060,062	1,086,838
All Employees:			
Total	No.	883	831
Male	No.	289	279
Female	No.	594	552
Total salaries and wages	\$	1,551,421	1,634,204

TABLE 22. Monthly Employment of Wage-earners, 1948 to 1950

	1948			1949			1950		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	202	694	896	202	666	868	170	459	629
February	205	704	909	196	672	868	171	464	635
March	208	709	917	194	645	839	170	451	621
April	199	699	898	193	615	808	170	455	625
May	196	692	888	184	586	770	174	460	634
June	208	682	890	172	526	698	175	456	631
July	210	659	869	169	492	661	174	460	634
August	198	666	864	166	483	649	171	475	646
September	204	675	879	165	451	616	180	531	711
October	205	687	892	165	456	621	184	558	742
November	201	681	882	165	449	614	181	562	743
December	200	668	868	168	459	627	183	556	739
Monthly average	203	685	888	183	537	720	174	491	665

SECTION 4. MISCELLANEOUS COTTON GOODS INDUSTRY, 1950

In 1950 the miscellaneous cotton goods industry operated at a higher level in terms of production, materials used and employment. Gross value of production showed a rise of 27 per cent from \$6,813,639 in 1949 to \$8,636,864 in 1950, a gain of \$1,823,225. There were 32 additional employees in 1950 and salaries and wages were up by 17 per cent reaching \$1,627,210 in 1950. The cost of materials rose from \$4,321,310 in 1949 to \$5,441,006 in 1950, a gain of 26 per cent.

The ten establishments in this industry comprised 4 in Ontario, 5 in Quebec and 1 in British Columbia. Ontario reported a gross production of \$6,459,186 from materials costing \$4,198,334 and thus accounted for 75 per cent of production and 77 per cent of materials used. Ontario also dominated with 73 per cent of employees, 463 out of 632, and 77 per cent of salaries and wages paid, \$1,253,657 out of a total of \$1,627,210. Apart from one small firm in British Columbia the balance of production and employment was accounted for by Quebec.

Most of the articles of production in this industry cannot be separately specified without divulging information concerning the operation of less than three establishments. The largest item produced was batts, batting and wadding, including

automobile batts and this amounted to \$3,480,915. Waste cotton and flock amounted to \$1,717,943 and cotton felt was valued at \$994,177. The balance was made up of such items as waste, jute felt, cotton tufts, cotton twine, jute and jute paddings, sisal padding, wipers, rags and a number of miscellaneous products.

Of the materials used, cotton waste amounted to 11,622,580 pounds valued at \$1,277,168. Wool waste was consumed to the extent of 1,397,304 pounds valued at \$260,660 and cotton and wool waste mixed was consumed to the extent of 20,154,045 pounds valued at \$1,598,705. Cotton linters consumed were valued at \$384,740, burlap at \$263,920 and rags, clippings, millends, etc. at \$393,197. Other materials used consisted of felt, cheese cloth, scrap bagging, sisal, thread, etc.

Three of the ten establishments, each with a value of production exceeding one million dollars, accounted for \$6,115,886 or 71 per cent of the gross value of production and with 445 employees these same firms accounted for 70 per cent of total employment. Of the seven remaining firms four had a value of production that ranged between \$100,000 and \$500,000. Employment in the industry showed some seasonal variation with a high of 618 wage-earners in December and a low of 474 in September.

TABLE 23. Principal Statistics, 1926 to 1950

Year and Provinces	Estab- lish- ments	Employees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
1926.....	16	323	280,982	985,746	1,524,106
1927.....	18	389	316,157	1,099,234	1,697,273
1928.....	21	460	364,915	1,231,922	2,013,074
1929.....	23	517	472,976	1,261,764	2,159,568
1930.....	22	439	394,181	943,511	1,648,424
1931.....	34	796	661,608	1,379,166	2,535,087
1932.....	36	751	560,679	1,022,608	1,979,361
1933.....	41	804	547,535	1,230,342	2,175,277
1934.....	41	898	622,401	1,602,028	2,776,271
1935.....	44	988	764,972	1,707,133	3,132,642
1936.....	45	1,105	860,857	2,075,735	3,728,057
1937.....	48	1,225	942,852	2,389,533	4,317,370
1938.....	45	1,172	922,338	2,173,819	3,827,356
1939.....	46	1,330	1,075,292	2,530,828	4,516,322
1940.....	45	994	781,485	2,544,848	3,930,767
1941.....	52	1,623	1,424,719	4,529,384	7,070,450
1942.....	75	1,926	1,772,177	5,648,558	8,788,916
1943.....	81	1,818	1,884,722	5,204,156	8,686,629
1944.....	85	1,863	2,005,786	5,373,811	8,917,048
1945.....	95	2,207	2,473,751	6,481,509	11,015,368

TABLE 23. Principal Statistics, 1926 to 1950 — Concluded

Year and Provinces	Estab- lish- ments	Employees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
1946	116	2,528	3,085,370	9,591,190	15,505,758
1947	124	2,368	3,192,112	9,208,119	15,216,040
1948	121	2,436	3,611,628	9,556,144	15,539,227
1949 ¹					
Canada	10	600	1,391,039	4,321,310	6,813,639
Ontario	4	416	1,031,530	3,315,274	5,076,478
Quebec and British Columbia	6	184	359,509	1,006,036	1,737,161
1950					
Canada	10	632	1,627,210	5,441,006	8,636,864
Ontario	4	463	1,253,657	4,198,334	6,459,186
Quebec and British Columbia	6	169	373,553	1,242,672	2,177,678

1. The Miscellaneous Cotton Goods Industry, 1949 is in no way comparable to the classification of previous years. The new industry is based on the Standard Industrial Classification adopted in 1949.

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.

TABLE 24. Employees, Salaries and Wages by Provinces, 1949 and 1950

	1949			1950		
	Ontario	Quebec and British Columbia	Canada	Ontario	Quebec and British Columbia	Canada
Salaried Employees:						
Total	No. 26	26	52	35	26	61
Male	No. 19	20	39	28	20	48
Female	No. 7	6	13	7	6	13
Total salaries	\$ 186,748	88,547	275,295	231,088	110,995	342,083
Wage-earners:						
Monthly average	No. 390	158	548	428	143	571
Male	No. 302	149	451	336	130	466
Female	No. 88	9	97	92	13	105
Total wages	\$ 844,782	270,962	1,115,744	1,022,569	262,558	1,285,127
All Employees:						
Total	No. 416	184	600	463	169	632
Male	No. 321	169	490	364	150	514
Female	No. 95	15	110	99	19	118
Total salaries and wages	\$ 1,031,530	359,509	1,391,039	1,253,657	373,553	1,627,210

TABLE 25. Monthly Employment of Wage-earners, 1949 and 1950

	1949			1950		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January	443	90	533	435	95	530
February	437	100	537	441	98	539
March.....	452	103	555	441	100	541
April.....	446	100	546	454	94	548
May.....	443	99	542	452	98	550
June.....	449	95	544	462	103	565
July.....	442	94	536	457	104	561
August.....	460	100	560	472	109	581
September	466	99	565	469	105	474
October	465	100	565	490	112	602
November.....	453	98	551	500	116	616
December.....	453	94	547	504	114	618
Monthly Averages.....	451	97	548	466	105	571

TABLE 26. Principal Statistics of the Miscellaneous Cotton Goods Industry, Grouped According to the Size of Establishments, 1949 and 1950

Establishments having a production of	Estab- lish- ments	Employees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
1949					
Under \$25,000.....	—	—	—	—	—
\$ 25,000 - \$ 49,999.....	—	—	—	—	—
\$ 50,000 - \$ 99,999.....	2	198	389, 201	1, 185, 650	1, 988, 336
\$ 100,000 - \$499,999.....	4				
\$ 500,000 - \$999,999.....	1				
\$1,000,000 and over.....	3	402	1, 001, 838	3, 135, 660	4, 825, 303
Total	10	600	1, 391, 039	4, 321, 310	6, 813, 639
1950					
Under \$25,000.....	—	—	—	—	—
\$ 25,000 - \$ 49,999.....	—	—	—	—	—
\$ 50,000 - \$ 99,999.....	1	187	417, 375	1, 500, 517	2, 520, 978
\$ 100,000 - \$499,999.....	4				
\$ 500,000 - \$999,999.....	2				
\$1,000,000 and over.....	3	445	1, 209, 835	3, 940, 489	6, 115, 886
Total	10	632	1, 627, 210	5, 441, 006	8, 636, 864

List of Firms in the Cotton Yarn and Cloth Industries, 1950

Name	Address
Nova Scotia:	
Cosmos Imperial Mills Limited	Water Street, Yarmouth
New Brunswick:	
Canadian Cottons, Limited	Marysville
Cornwall & York Cotton Mills Co. Ltd.	Albion Street, Saint John
Quebec:	
Acadian Bobinet Co. Ltd.	67,5th Ave. Iberville
Au Terroir Enrg.....	Ste Madeleine
Dominion Textile Co. Ltd., (Cotton Mill)	Magog
Dominion Textile Co. Ltd., (Print Works)	Magog
Dominion Textile Company, Ltd.	Montmorency Village
Dominion Textile Company, Ltd., (Hochelaga Branch)	3340 Notre-Dame Street, E., Montreal
Dominion Textile Company, Ltd., (Merchants Branch)	3970 St. Ambroise Street, Montreal
Dominion Textile Company, Ltd., (Mount Royal Branch)	5524 St. Patrick Street, Montreal
Dominion Textile Company, Ltd., (St. Anns Branch)	2618 Notre-Dame Street, E., Montreal
Dominion Textile Company, Ltd., (Sherbrooke Branch)	Sherbrooke
Drummondville Cotton Company, Ltd.	P.O. Box 459, Drummondville
Esmond Mills, Ltd., The	225 St. Charles Street, Granby
Goodyear Cotton Co. of Canada, Ltd.	St. Hyacinthe
Montreal Cottons, Ltd.	Dufferin Road, Valleyfield
Wabasso Cotton Co. Ltd.	6th Ave., Grand'Mère
Wabasso Cotton Company, Ltd.	Shawinigan Falls
Wabasso Cotton Company, Ltd., (Mercerising Division)	768 St. Maurice, Three Rivers
Wabasso Cotton Company, Ltd.	768 St. Maurice Street, Three Rivers
Ontario:	
Aberfoyle Mfg. Co. of Canada Ltd.	Guelph
Avalon Fabrics Ltd.	500 Ontario St., Stratford
Burrows' Textiles	47 Neeve St., Guelph
Caldwell Linen Mills Limited	Iroquois
Canadian Cottons, Ltd. (Canada Mill)	Cornwall
Canadian Cottons, Ltd., (Dundas Mill)	Cornwall
Canadian Cottons, Ltd., (Stormont Mill)	Cornwall
Canadian Cottons, Ltd.	429 James Street N., Hamilton
Cosmos Imperial Mills, Ltd.	Sherman Street N., Hamilton
Curl Brothers Textiles (Canada)	393 Sorauren Avenue, Toronto
Dominion Fabrics, Ltd.	Dunnville
Dominion Rubber Co. Ltd., (Textile Division)	Kitchener
Dominion Yarns Limited	Welland
Esmond Mills Ltd., The	Perth
Firestone Textiles Ltd.	Woodstock
Glendale Spinning Mills, Ltd.	Glendale Avenue, Hamilton
Glengarry Cottons Ltd.	425 Fourth St. W., Cornwall
Grand Valley Textiles, Ltd.	485 Dundas Street, Galt
Hamilton Cotton Co., Ltd., The	Dundas
Hamilton Cotton Company, Ltd., The	304 Mary Street N., Hamilton
LaFrance Textiles Ltd.	Woodstock
Lancaster Weaving Mills Ltd.	Kitchener

List of Firms in the Cotton Yarn and Cloth Industries, 1950 - Concluded

Name	Address
Ontario - Concluded:	
Moodie, J.R. Company, Ltd.	735 King St. E., Hamilton
Robinson Cotton Mills Ltd.	Woodbridge
Stauffer-Dobbie, Ltd.	Water Street North, Galt
Talbot and Talbot	310 St. Helen Ave., Toronto
Textile Industries Ltd.	Guelph
Trent Cotton Company, Ltd.	Trenton
Woods Manufacturing Co. Ltd., (Empire Cotton Division)	Welland
British Columbia:	
Lulu Island Textile Co.	930 Railway Ave., Steveston

List of Firms in the Cotton Thread Industry, 1950

Name	Address
Quebec:	
Canadian Spool Cotton Company	421 Pie IX Boulevard, Montreal
Independent Thread Mills	426 St. Helen St., Montreal
Marlen Threads Limited	222 Mount Royal E., Montreal
National Thread Limited	140 Laurier Ave., Sherbrooke
Ontario:	
Bell Thread Company, Ltd., The	Cor. Huron St. & Minto Ave., Hamilton
Eaton, The T., Company, Ltd.	190 Yonge St., Toronto

List of Firms in the Miscellaneous Cotton Textiles Industries, 1950

Name	Address
Quebec:	
Dominion Wadding Co. Ltd.	120 Vinet St., Montreal
London Felt Mfg. Co. Ltd.	120 McGill St., Montreal
London Waste Mfg. Co., Ltd.	988 Clarke St., Montreal
Martin Cotton & Waste Mfg.	5660 Franchère St., Montreal
Montreal Cotton & Wool Waste Ltd.	21 Nazareth St., Montreal
Ontario:	
Bauers Limited	187 King St., S. Waterloo
Fibre Products of Canada Ltd.	1700 Langlois Ave., Windsor
Scythes & Company Ltd.	Brown's Ave. & Paton Rd., Toronto
Union Felt Products Ltd.	1 Wiltshire Ave., Toronto
British Columbia:	
Coast Felting Co. Ltd.	1355 Parker St., Vancouver

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