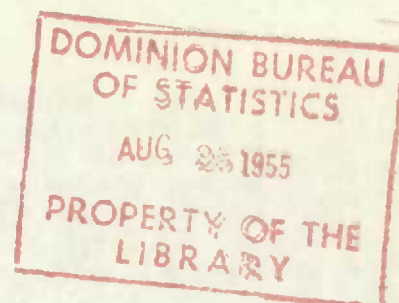


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THE COTTON TEXTILE INDUSTRIES 1953

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50
- II—The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 25¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 25¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part VII, 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, 25¢

Textile Mills

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

Knitting Mills

- L—The Hosiery and Knitted Goods Industries, 25¢

Clothing

- M—General Review, 25¢
- N—The Men's Factory Clothing Industry, 25¢
- O—The Women's and Children's Factory Clothing Industries, 25¢
- 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

1953

In 1953 the value of factory shipments was collected in place of gross value of production for the cotton thread and the cotton yarn and cloth industries. This change was inline with the Bureau's decision to convert the basis of its manufacturing survey from one of production to one of factory shipments. The changeover is expected to ease the burden of reporting for most plants, to speed up the collection and compilation of data, and to make available more meaningful statistics. The conversion was effected over a two-year period, 1952 and 1953, with the change being made in the majority of industries in the first year. The third member of the cotton group, the miscellaneous cotton goods industry, was among those changed over in 1952.

The factory shipments made by the cotton textile industries in the year under review had a value f.o.b. plant of \$231,188,474. The inventories of finished goods held by the group in plants and plant warehouses were valued at \$28,389,000 at the end of 1953 compared with \$21,107,000 at the end of 1952. Allowing for this \$7,282,000 increase in inventory results in an estimated gross value of production of \$238,470,474, a figure slightly below the preceding year's \$246,397,090. Employment on the other hand, was narrowly ahead. The monthly payrolls listed an average 24,808 persons in 1953 compared with 24,472 in 1952 and salary and wage payments amounted to \$59,296,536 in the later year compared with \$57,579,651 in the earlier. A fall in material costs from \$155,376,196 to \$144,302,343 accompanied the fall in the gross value of production.

The cotton textile industry entered 1953 with brighter prospects than it had at the beginning of 1952. Activity had expanded in the latter part of 1952 following the ending of strikes in July and the recovery of the American cotton fabric market. This upsurge, however, was sustained only throughout the first four months of the year under review after which slackening production rates occurred. Cotton bale openings, a reliable indicator of trend and volume of output in Canadian cotton mills, fell steadily from 99,763 in the first three months of the year to 78,555 in the last quarter. Shipments by the industry from April on were at a considerably lower monthly level and mill inventories built up rapidly. By December man-hours of employment were below the levels of one year previous by 22 per cent and the number of wage-earners down to 17,894 from the January 1953 figure of 23,936.

In terms of both employment and raw cotton consumption, however, activity for 1953 as a whole was somewhat ahead of 1952. Monthly employment of wage-earners which averaged 21,942 in the later year was slightly higher than the 21,671 average of the earlier. Cotton consumption in Canadian mills, as measured by bale-openings, increased by about

4 per cent. The following table shows that 351,093 bales were opened in 1953 compared with 338,493 bales in 1952.

Cotton Bale Openings

	1952	1953
January	31,067	33,769
February	29,968	33,023
March	30,938	32,971
April	25,477	35,852
May	23,239	29,735
June	20,590	28,494
July	23,964	23,545
August	22,674	22,906
September	30,364	32,243
October	36,240	26,781
November	30,716	26,783
December	33,256	24,991
Total	338,493	351,093

For 1953, then the physical volume of production was higher than in 1952 while the gross value of production was lower. The reason for this situation is to be found in the lower cotton textile price structure obtaining in the later year as compared with the former. The index of raw cotton prices which averaged 326 in the calendar year 1952 fell to 281 in 1953. This decline in raw cotton prices together with a highly competitive market was responsible for lower yarn and fabric prices. The index averages for cotton yarn and cotton cloth which stood at 281 and 254, respectively, in 1952 fell to 244 and 240 in 1953. These figures reflect a pronounced decline in manufactured cotton goods prices in the year under review.

In 1953 the cotton textile group was comprised of 80 establishments. Of this number cotton yarn and cloth producers accounted for 54, cotton thread producers for 13 and miscellaneous cotton goods producers for 13. The establishments were distributed provincially as follows: Nova Scotia 1, New Brunswick 2, Quebec 38, Ontario 37 and British Columbia 2.

Broadwoven fabric is the principal commodity of the cotton textile industry. In 1953, factory shipments of this product amounted to \$123,651,254 or 53 per cent of the industry total of \$231,188,474. Grey cotton fabric was the main item with 63,026,313 pounds or 195,518,534 lineal yards worth \$53,081,593 being reported. It should be noted that considerable yardage of the grey cotton goes to other mills for further processing, the amount so disposed of in 1953 totalling 109,483,140 yards. Shipments of sale yarns were made to the extent of 45,749,350 pounds value at \$35,719,670 and thread shipments were valued at \$10,357,673. Woven tire fabric shipments totaled 29,235,247 pounds worth \$23,059,763. In Table 3 will be found the value of other commodities shipped by the cotton group together with the quantity whenever possible.

Raw cotton is the industry's principal material. The amount consumed in 1953 according to the Census of Industry returns submitted by the cotton manufacturers amounted to 156,172,873 pounds costing \$55,909,349 compared with 161,037,845 pounds at a cost of \$64,684,115 in 1952.¹ Purchased yarns of all kinds cost \$33,522,378 compared with \$34,081,186 the previous year. The cost of dyes, bleaches, chemicals, etc., was reported at \$5,382,773 compared with \$5,844,284 in 1952.

Imports of cotton and its products (wearing apparel excluded) decreased from a value of \$143,509,002 in 1952 to \$137,881,779 in 1953, mainly because of a drop in the cost of raw cotton importations. Imports of "Woven fabrics, cotton, printed, dyed or colored, n.o.p., valued at not more than 80 cents a pound" increased from 18,705,786 pounds valued at \$27,633,912 in 1952 to 20,349,184 pounds valued at \$29,678,199 in 1953. Important increases were also recorded by cotton denims which rose from 1,291,968 pounds worth \$1,091,092 to 2,413,434 yards worth \$2,016,687 and by woven cotton fabric of 100's and finer average yarn count which rose from 265,923 pounds worth \$940,485 to 541,574 pounds worth \$1,733,096. Exports suffered a substantial reduction from \$6,576,322 to \$2,956,476. Cotton duck which fell from 989,030 yards worth \$1,395,098 to 303,750 yards worth \$480,414 and cotton fabrics n.o.p. which dropped from 4,097,949 yards worth \$2,900,478 to 3,102,011 yards worth \$914,543 accounted for most of the difference. For further details of exports and imports reference should be made to Tables 6 and 7 of this Report.

Investment figures given in Table 10 indicate a slowing down in the modernization and technical improvement program of the cotton industry. Total capital, repair and maintenance expenditures which amounted to \$21.7 million in 1951 for the two industries shown fell to \$14.9 million in 1952 and then to \$11.6 million in the year under review. Of this 1953 figure \$2.1 million went for construction while \$9.5 million was spent on machinery and equipment.

Note on 1954—While the Census of Industry survey at the time of preparing this report is quite incomplete, data from other sources indicate a substantially reduced activity in 1954 as compared with 1953. Cotton bale-openings were down by 10 per cent. Employment as measured by man-hours was lower by about 17 per cent according to a monthly survey of all firms with 15 or more employees. Based on a monthly sample survey, shipments were estimated to have fallen to \$209,904,000, off 9 per cent from the preceding year's figure. Prices for cotton yarns and cotton fabrics were quite steady throughout the year despite a moderate increase in the cost of raw cotton.

1. The apparent contradiction between the reduction shown here and the increase shown by bale-openings is explained by the fact that firms are allowed to report to the Census of Industry survey on a fiscal year basis. The returns of several large firms covered years beginning between April 1 and May 1, 1953, and ending between March 31 and April 30, 1954 and hence did not reflect fully the high activity of the first four months of 1953.

TABLE 1. Location of Mills of Cotton Textile Group of Industries, 1953

Province	Cotton yarn and cloth	Cotton thread	Miscellaneous cotton goods	All cotton textile mills
	Number			
Canada.....	54	13	13	80
Nova Scotia.....	1	—	—	1
New Brunswick.....	2	—	—	2
Quebec.....	21	10	7	38
Ontario.....	29	3	5	37
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 1953

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

TABLE 2. Principal statistics of the Cotton Textile Group of Industries, 1928 to 1953 - Concluded

Year and Industries	Estab- lish- ments	Employees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
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 ¹	69	26,661	52,306,156	134,332,208	227,251,790
1950 ¹	67	28,430	58,481,457	168,361,273	276,595,397
1951 ¹	75	29,191	62,549,605	186,531,383	297,285,085
1952 ¹					
Total	81	24,472	57,579,651	155,376,196	246,397,090
Cotton yarn & cloth	57	22,969	53,705,770	143,584,722	226,492,425
Cotton thread	11	838	1,929,352	5,019,293	9,415,986
Miscellaneous cotton goods	13	665	1,944,529	6,772,181	10,488,679
1953 ¹					
Total	80	24,808	59,296,536	144,302,343	231,188,474 ²
Cotton yarn & cloth	54	23,178	55,036,540	132,917,545	210,220,958 ²
Cotton thread	13	902	2,144,435	4,947,687	10,229,743 ²
Miscellaneous cotton goods	13	728	2,115,561	6,437,111	10,737,773 ²

1. Statistics for 1949 and subsequent years are compiled in accordance with Standard Industrial Classification whereas compilations in 1948 and prior years were compiled on "chief component material" classification.

2. In 1953 gross value of production is replaced by value of factory shipments. (See text). The inventory value of finished products at plant at the end of 1952 amounted to \$21,107,000 and at the end of 1953 to \$28,389,000.

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. Factory Shipments Made by the Cotton Textile Group of Industries, 1953

Principal products	Quantity		Selling value at factory
	Pounds	Lineal yards	\$
Broadwoven fabrics:			
All cotton:			
Grey ¹	63,026,313	195,518,534	53,081,593
Bleached	10,194,719	37,768,108	13,357,986
Printed and painted	11,479,270	48,064,153	14,586,081
Piece dyed	16,517,801	63,523,213	19,679,219
Yarn and stock dyed	12,650,218	29,236,088	12,330,877
Tapestries and other upholstering materials	3,300,821	2,822,104	6,371,878
All other fabrics including drapery and damask	3,613,349	5,665,231	4,243,620
Total	120,782,491	382,597,431	123,651,254
	Unit of measure	Quantity	Selling value at factory
			\$
Yarns spun for sale:			
All cotton:			
Grey, knitting	pound	15,504,871	11,716,099
" other, singles	"	8,277,825	5,890,071
" other, plied	"	13,886,314	9,869,804
Bleached, knitting	"	556,951	544,863
" other	"	182,664	186,023
Coloured, knitting	"	2,485,938	2,221,749
" other	"	1,644,768	1,540,665
All other	"	1,012,855	1,078,963
Cotton and wool mixed:			
Grey	"	311,302	363,119
Bleached and coloured	"	53,779	75,083
Spun rayon	"	526,662	393,445
Mixtures with spun rayon	"	440,833	340,594
Other yarns	"	864,588	1,499,192
Thread:			
Cotton	—	—	10,069,560
Other	—	—	288,113
Tire fabrics (woven)	pound	29,235,247	23,059,763
Twine, cordage, etc.:			
Wrapping twine	pound	2,727,184	1,722,166
Other twines, lines, rope and cordage	"	1,896,571	1,489,378
Blankets except crib:			
All cotton and cotton mixed	pair	1,738,968	} 7,137,334
	pound	6,172,649	
Blankets, other, including crib	—	—	1,145,549
Towels:			
Plain	dozen	92,713	298,692
Huck	"	157,299	445,900
Terry	"	815,848	4,179,632
Terry face cloths	dozen	598,653	660,741
Other Terry woven goods	—	—	882,159
Bed Spreads & Quilts:			
Cotton	dozen	14,372	563,954
Other	"	5,195	58,950
Pillow cases and sheets	—	—	4,603,944
Waste:			
Cotton	pound	35,547,086	3,871,235
Other	"	9,226,639	1,326,708
Batts, batting and wadding	—	—	5,135,315
Padding, wipers and rags	—	—	937,508
Felt, cotton and jute	—	—	1,049,274
All other products	—	—	1,871,141
Custom work and repairs	—	—	1,020,534
Total value of products	—	—	231,188,474

1. It should be noted that in 1953, 109,483,140 yards of grey cotton went to other mills for further processing.

TABLE 4. Materials Used by The Cotton Textile Group of Industries, 1953

Principal materials	Unit of measure	1953	
		Quantity	Cost value at factory
			\$
Cotton:			
Raw	pound	156, 172, 873	55, 909, 349
Linters	"	5, 424, 716	565, 769
Waste	"	26, 276, 737	4, 088, 058
Wool, raw, wool-tops, waste, etc.	"	800, 510	529, 525
Waste, cotton and wool	"	15, 765, 651	1, 615, 415
Waste, other	"		
Rayon and nylon staple fibres	"	4, 845, 373	2, 151, 481
Yarns, domestic (not made by plant reporting):			
All cotton:			
Grey	pound	9, 378, 158	6, 383, 247
Coloured	"	950, 590	641, 470
Bleached	"	87, 374	79, 024
Mercerized	"	22, 068	36, 126
Synthetic (continous filament)	"	21, 572, 801	15, 119, 757
Spun rayon including spun rayon mixtures	"	909, 878	681, 388
All other	"	779, 653	876, 154
Yarns, imported:			
Synthetic (continous filament)	pound	6, 303, 072	4, 385, 479
All cotton:			
Grey	"	3, 057, 369	3, 710, 790
Mercerized	"	485, 680	987, 690
Other	"	308, 823	314, 436
All other	"	230, 968	306, 817
Fabrics, domestic (not made by plant reporting):			
All cotton:			
Grey	pound or yd.	29, 134, 818 } 109, 483, 140 }	24, 150, 080
All other	—	—	124, 510
Fabrics, imported:			
All cotton:			
Grey	pound or yd.	4, 039, 279 } 15, 890, 271 }	3, 034, 522
All other	—	—	419, 537
Cheese cloth	yd.	2, 494, 191	127, 599
Burlap	"	1, 491, 704	153, 626
Starch and sizing materials:			
Potato starch	pound	2, 278, 657	210, 288
Corn starch	"	2, 901, 911	228, 952
Other starch and sizing materials	"	7, 373, 356	918, 166
Rubber yarn and thread	—	—	161, 030
Rags	pound	5, 055, 858	259, 773
Dyestuffs, bleaches, chemicals, oils, etc.	—	—	5, 382, 773
Spools, tubes, spool wood, paper cones, etc.	—	—	690, 836
Finishing, processing and dyeing charges	—	—	875, 016
All other materials	—	—	7, 293, 732
Packing and shipping materials	—	—	1, 889, 928
Total cost of materials used	—	—	144, 302, 343

TABLE 3. Total Canadian Production of Cotton Broadwoven Fabrics, 1942-1953

	Pounds	Yards (see Col. 4)	Value	A significant part of the yardage shown in Col. 2 went to other mills for further processing as follows:
			\$	
Unbleached or grey:				
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
1951.....	71,936,158	207,078,972	68,796,159	116,933,376
1952.....	61,200,478	158,520,609	54,095,201	101,385,757
1953.....	63,026,313	195,518,534	53,081,593	109,483,140
	Pounds	Yards	Value	
			\$	
Bleached or white:				
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	
1951.....	11,068,654	42,285,529	14,806,760	
1952.....	10,483,889	39,152,470	12,543,260	
1953.....	10,194,719	37,768,108	13,357,986	
Yarn and stock dyed:				
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	
1951.....	19,911,437	54,023,424	22,027,879	
1952.....	17,177,047	39,783,130	18,210,250	
1953.....	12,650,218	29,236,088	12,330,877	
Piece dyed:				
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	
1951.....	16,152,103	56,473,077	26,367,663	
1952.....	20,644,230	78,665,577	27,255,707	
1953.....	16,517,801	63,523,213	19,679,219	
Printed and painted:				
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	
1951.....	9,971,714	42,182,171	14,112,654	
1952.....	10,280,196	43,889,230	13,704,785	
1953.....	11,479,270	48,064,153	14,586,081	

TABLE 6. Imports of Raw Cotton, Yarns, Piece Goods, etc. (not including Wearing Apparel)
1952 and 1953

Items	1952		1953	
	Quantity	Value	Quantity	Value
		\$		\$
Raw and unmanufactured:				
Raw cotton	lb. 166,022,149	65,955,813	160,505,477	55,493,668
Cotton linters, n.o.p.	" 13,958,456	1,329,042	13,310,645	1,215,951
Batts, batting and wadding of cotton	" 622,501	323,158	722,641	372,858
Carded cotton sliver, grey: cotton fibres, bleached or coloured, n.o.p.	" 624	225	4,983	2,323
Yarn, thread, cord and twine:				
Yarns, cotton, singles, n.o.p.	lb. 297,273	316,871	565,568	563,124
Yarns, cotton, singles, for knitted goods	" 1,234,289	1,133,267	1,425,636	1,189,850
Thread, cotton, n.o.p.	" 539,119	964,541	—	—
Yarns, cotton, n.o.p.	" 2,173,322	2,413,096	1,796,090	1,943,287
Crochet and knitting cotton, n.o.p.	" 181,857	357,369	122,992	249,983
Cords and twines, cotton, n.o.p.	" 347,513	331,696	513,024	439,835
Sewing cotton thread, on spools	" 45,033	90,910	—	—
Cotton yarns, covered with metallic strip (tinsel thread) ..	" 50,687	102,795	64,412	138,119
Yarns, cotton, mercerized, 40's and finer	" 35,525	76,772	54,017	109,661
Yarns, cotton, in hanks, for thread and knitting and embroidery cottons	" 1,196,712	2,093,765	1,567,446	2,186,364
Yarns, cotton, 80's and finer, two-ply, gassed, of a class not made in Canada, for weaving	" 27,793	65,581	16,014	45,725
Yarns, cotton, 40's and finer, singles, for sewing thread ..	" 669,132	1,106,334	1,395,384	1,427,501
Yarns, cotton, 40's and finer, for mercerized cotton yarns ..	" 271,210	348,065	408,792	535,440
Yarns, cotton, coarser than 40's but exceeding 20's, singles, for thread and knitting and embroidery cotton ..	" 276,754	323,502	284,092	241,615
Piece goods:				
Woven fabrics, cotton printed, dyed or coloured, n.o.p., valued at more than 80 cents per pound	lb. 18,705,786	27,633,912	20,349,184	29,678,199
Woven fabrics, cotton printed, dyed or coloured, n.o.p., valued at 50 cents or more, but not more than 80 cents per pound	" 1,269,410	885,654	2,111,944	1,351,110
Woven fabrics, cotton printed, dyed or coloured, n.o.p., valued at less than 50 cents per pound	" 163,465	68,253	234,492	109,971
Woven fabrics, cotton, denims	" 1,291,968	1,091,092	2,413,434	2,016,687
Handkerchief cotton, bleached	—	55,346	—	65,606
Woven fabrics, cotton, not bleached, mercerized nor coloured, n.o.p.	lb. 12,974,349	9,905,725	14,328,645	9,784,908
Canton flannels, sheetings and pillow cotton; plain shirtings, cambrics, longcloths, nainsooks, flannel-ettes and saxonies, not coloured	" 1,837,837	2,197,211	1,828,747	2,269,799
Towelling in the web, not coloured	" 49,347	52,364	99,880	97,903
Volles, scrims, lawns, India linens, muslins, fancy shirtings, piques, cords, diaper and jaconets, not coloured	" 172,564	257,794	184,923	277,140
Woven fabrics, cotton bleached or mercerized, n.o.p., not coloured	" 469,915	635,423	471,380	582,435
Cheese cloth and gauze of cotton bleached or unbleached ..	" 3,020,655	2,690,021	2,747,817	2,484,774
Woven fabrics, cotton, of 100's and finer average yarn count	" 265,923	940,485	541,574	1,733,096
Woven fabrics, cotton, with cut pile, n.o.p.	" 225,350	440,115	138,119	261,242

TABLE 6. Imports of Raw Cotton, Yarns, Piece Goods, etc. (not including Wearing Apparel), 1952 and 1953 —Concluded

Items	1952		1953	
	Quantity	Value	Quantity	Value
		\$		\$
Piece goods—Concluded:				
Woven fabrics, cotton, not coloured, for typewriter ribbons	—	587,848	—	386,394
Sailcloth, Egyptian cotton, for sails	lb. 4,833	15,937	7,869	12,562
Filter cloth, cotton, with cut pile, in the web, or made up, for mining	" 4,436	6,447	3,738	5,086
Knitted fabrics, cotton	" 438,521	719,615	739,270	1,221,707
Shadow cretonnes, cotton	" 5,596	6,868	5,457	7,456
Gabardines, cotton	" 56,903	119,994	74,929	146,107
Woven fabric, cotton, of number 80 to not more than 99 average yarn count	" 14,291	38,079	16,148	44,398
Fabrics, with cut weft pile, cotton, or of cotton and artificial silk	" 2,490,941	4,633,768	1,775,760	3,074,867
Woven fabric, cotton, for covering books	" 131,341	134,131	135,426	133,558
Lace and embroideries, cotton, not coloured, for clothing	—	1,941,893	—	2,412,854
Lace and embroideries, cotton, coloured, for clothing	lb. 33,396	214,854	32,865	184,913
Embroideries, cotton, n.o.p.	" 24,306	152,553	28,365	151,601
Lace, bobbinet, nets, and netting, n.o.p., cotton	" 73,838	270,591	57,852	216,581
White cotton, bobbinet, plain, in the web	yd. 82,827	54,878	202,739	80,984
Manufactures, n.o.p.:				
Bags, cotton	lb. 162,181	110,333	90,199	55,022
Belting, cotton, for machinery	—	274,915	—	243,488
Blankets, cotton, not to include automobile or steamer rugs, nor similar articles	lb. 311,042	256,047	461,065	392,750
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	" 5,000	9,560	5,706	12,919
Braided wick for sanctuary lamps, candles or tapers	—	34,210	—	37,125
Curtains, cotton, n.o.p.	lb. 53,709	105,701	98,359	190,993
Wash cloths and bath mats, cotton	" 605,083	755,938	939,912	1,112,671
Tray cloths, table cloths, napkins, dresser scarves	" 445,735	897,842	445,441	838,687
Duck, seamless cotton, for hose pipe	—	82,527	—	3,208
Fringes and tassels, cotton	lb. 730	1,663	1,555	2,865
Handkerchiefs, cotton	" 321,107	1,050,457	405,318	1,338,923
Ladder tapes and braided cords, for Venetian blinds	—	145,021	—	95,940
Quilts and counterpanes, cotton	lb. 1,079,317	1,331,253	1,562,276	1,864,822
Pillow cases, cotton	" 366,010	578,618	491,519	773,608
Sheets, cotton	" 1,126,147	1,298,951	1,051,049	1,259,384
Towels, cotton	" 2,187,468	2,316,744	2,854,062	3,000,533
Cotton manufactures, n.o.p.	" 783,590	1,175,569	1,193,698	1,711,599
Total	—	143,509,002	—	137,881,779

TABLE 7. Exports of Cotton Products (not including Wearing Apparel), 1952 and 1953

Items	1952		1953	
	Quantity	Value	Quantity	Value
		\$		\$
Cotton thread and yarn..... —	—	35,608	—	15,214
Cotton rags and waste..... cwt.	72,226	773,524	71,320	648,580
Cotton duck..... yd.	989,030	1,395,098	303,750	480,414
Cotton fabrics coated..... "	10,273	11,951	27,715	16,439
Cotton fabrics, n.o.p..... "	4,097,949	2,900,478	3,102,011	914,543
Surgical and sanitary supplies of cotton..... —	—	569,734	—	563,177
Cotton blankets, bedspreads and quilts..... —	—	24,943	—	37,676
Cotton sheets and pillow cases..... —	—	6,537	—	13,510
Cotton towels and wash cloths..... —	—	6,940	—	9,565
Cotton manufactures, n.o.p. —	—	851,509	—	257,358
Total —	—	6,576,322	—	2,956,476

TABLE 8. Provincial Distribution of Employees by Sex and Remuneration, 1953

	Quebec	Ontario	Other Provinces	Canada
Salaried employees:				
Total..... No.	1,868	900	98	2,866
Male..... "	1,159	588	63	1,810
Female..... "	709	312	35	1,056
Total salaries \$	6,775,501	3,327,003	313,234	10,415,758
Wage-earners:				
Monthly average..... No.	13,429	7,431	1,082	21,942
Male..... "	8,970	4,513	660	14,143
Female..... "	4,459	2,918	422	7,799
Total wages \$	30,173,283	16,426,174	2,281,321	48,880,778
All employees:				
Total..... No.	15,297	8,331	1,180	24,808
Male..... "	10,129	5,101	723	15,953
Female..... "	5,168	3,230	457	8,855
Total salaries and wages \$	36,948,784	19,753,177	2,594,575	59,296,536

TABLE 9. Monthly Employment of Wage-earners, 1952 and 1953

	1952			1953		
	Male	Female	Total	Male	Female	Total
	Number					
January.....	15,038	8,715	23,753	15,404	8,532	23,936
February.....	15,270	8,700	23,970	15,345	8,283	23,628
March.....	14,888	8,582	23,470	15,399	8,389	23,788
April.....	11,365	6,514	17,879	15,001	8,143	23,144
May.....	11,110	6,304	17,414	14,524	7,982	22,506
June.....	10,577	6,127	16,704	14,056	7,603	21,659
July.....	13,841	8,067	21,908	13,911	7,346	21,257
August.....	13,829	8,102	21,931	13,978	7,640	21,618
September.....	14,396	8,394	22,790	13,772	7,553	21,325
October.....	14,598	8,470	23,068	13,483	7,453	20,936
November.....	14,713	8,744	23,457	13,110	7,209	20,319
December.....	15,018	8,555	23,573	11,664	6,230	17,894
Monthly average.....	13,721	7,950	21,671	14,143	7,799	21,942

TABLE 10. Estimated Capital, Repair and Maintenance Expenditures, 1946-1953

Year	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	Construction	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
1951.....	3,447	9,525	12,972	2,657	5,538	8,195	6,104	15,063	21,167
1952.....	1,097	6,659	7,756	2,314	4,545	6,859	3,411	11,204	14,615
1953.....	896	3,148	4,044	1,210	6,023	7,233	2,106	9,171	11,277
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
1951.....	232	138	370	27	108	135	259	246	505
1952.....	—	189	189	26	93	119	26	282	308
1953.....	—	181	181	16	91	107	16	272	288

TABLE 11. Power Installation of Cotton Textile Group of Industries, 1948 and 1953

Classes of power	1948		1953	
	Number of units	Horse-power capacity	Number of units	Horse-power capacity
Steam engines and steam turbines	27	13, 120	13	6, 495
Gasoline, gas and oil engines, other than Diesel engines.....	—	—	11	2, 255
Electric motors operated by purchased power:				
In use	21, 347	100, 224	28, 673	118, 042
Idle	511	6, 882	1, 379	18, 350
Total Power used in Manufacturing	21, 885	120, 226	30, 076	145, 142
Boiler installation:				
In use	66	17, 573	24	7, 591
Idle	8	1, 740	3	740

TABLE 12. Consumption of Fuel and Electricity by Cotton Textile Group of Industries, 1948 and 1953

Kinds of fuel	Unit of measure	1948		1953	
		Quantity	Cost value at factory	Quantity	Cost value at factory
			\$		\$
Bituminous coal	ton	177, 644	1, 871, 346	143, 941	1, 599, 105
Sub-bituminous coal	—	—	2, 390	—	—
Gasoline (including gasoline used in cars and trucks)	imp. gal.	65, 421	23, 480	110, 384	35, 195
Kerosene or coal oil.....	"	230	53	44, 743	12, 077
Fuel oil	"	567, 469	73, 951	2, 701, 618	267, 599
Other fuel.....	—	—	4, 374	—	43, 393
Total cost of fuel	—	—	1, 975, 594	—	1, 957, 369
Electricity purchased (including service charges)	K.W.H.	243, 183, 933	1, 809, 375	267, 614, 016	2, 258, 811
Total cost of fuel and electricity.....	—	—	3, 784, 969	—	4, 216, 180

SECTION 2. THE COTTON YARN AND CLOTH INDUSTRY, 1953

As has been stated in the text on Page 3 of this report, the value of factory shipments was collected for the cotton yarn and cloth industry in 1953 instead of the value of production as in former years. The value f.o.b. plant of the shipments made by the industry was \$210,220,958 which compares with a gross value of production of \$226,492,425 in 1952. Since plant inventories of finished goods increased by an estimated \$6,917,000 during the year, the value of the industry's output was some 4 per cent reduced from the previous year. Employment, on the other hand, rose slightly from 22,969 in 1952 to 23,178 in 1953 and salary and wage payments increased from \$53,705,770 in the earlier year to \$55,036,540 in the later. A drop in material costs from \$143,584,722 in 1952 to \$132,917,545 in 1953 accompanied the fall in the value of production.

The provincial distribution of 54 establishments in this industry in 1953 was as follows: Ontario 29, Quebec 21, New Brunswick 2, Nova Scotia 1 and British Columbia 1. Quebec dominated the industry by accounting for 66 per cent of the value of factory shipments made by it and 62 per cent of the persons employed by it.

Factory shipments of broadwoven fabrics, the industry's main commodity, amounted to \$123,651,254 compared with output of the same item in 1952 valued at \$133,694,359. These fabrics were responsible for 59 per cent of total factory shipments by the industry in 1953. All cotton broadwoven fabrics were shipped to the extent of 374,110,096 lineal yards having a selling value at factory of \$113,035,756. Of this quantity, grey cotton fabrics were responsible for 195,518,534 yards valued at \$53,081,593. These grey cotton fabrics, however, included an amount equal to 109,483,140 yards

valued at \$24,150,080 which went to other mills for further processing into printed and dyed cotton fabrics, etc., and which reappear as materials used by the reporting firms. Other cotton broadwoven fabrics included bleached 37,768,108 yards, printed and painted 48,064,153 yards, piece dyed 63,523,213 yards and yarn and stock dyed 29,236,088 yards. Other items which went to make up the broadwoven fabric total were continuous filament synthetic yarn fabric, spun rayon and mixtures, drapery and damask and tapestries and other upholstering materials.

Factory shipments of tire fabrics in 1953 were 29,235,247 pounds worth \$23,059,763 compared with the output in 1952 of 27,005,981 pounds worth \$21,782,167. Spun yarn shipments were valued at \$35,422,525 compared with \$36,472,897 the previous year.

The principal material used in the industry is raw cotton of which 156,058,496 pounds worth \$55,884,704 were consumed in 1953 compared with 160,906,845 pounds valued at \$64,643,765 in 1952.¹ Purchased cotton yarn used totalled 11,224,008 pounds valued at \$7,995,709 compared with 17,558,840 pounds valued at \$12,212,151 the previous year. Domestic grey cotton fabrics not made by plant reporting were used to the extent of 109,483,140 yards worth \$24,150,080 and imported grey fabrics consumed totalled 15,890,271 yards at a cost of \$3,034,522.

For further details of shipments and materials used see Tables 15 and 17 of this report.

1. See footnote 1 on page 4.

TABLE 13. Principal Statistics, 1928 to 1953

Year and Provinces	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	13,763,278	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

1. Includes oilcloths and linoleums.

TABLE 13. Principal Statistics, 1928 to 1953 — Concluded

Year and Provinces	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of materials used	Gross value of production
	No.	No.	\$	\$	\$
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	47	24,813	45,955,981	119,738,802	203,446,901
1949	53	25,178	49,363,696	124,685,279	211,384,517
1950	51	26,967	55,220,043	157,835,813	257,383,892
1951					
Canada	54	27,632	58,734,833	172,443,466	273,651,120
Quebec	21	18,161	37,396,638	117,210,947	182,144,774
Other Provinces ¹	33	9,471	21,338,195	55,232,519	91,506,346
1952					
Canada	57	22,969	53,705,770	143,584,722	226,492,425
Quebec	23	13,947	32,842,242	91,434,443	141,304,092
Other Provinces ¹	34	9,022	20,863,528	52,150,279	85,188,333
1953					
Canada	54	23,178	55,036,540	132,917,545	210,220,958 ²
Quebec	21	14,322	34,612,187	91,879,654	138,284,551 ²
Other Provinces ¹	33	8,856	20,424,353	41,037,891	71,936,407 ²

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

2. In 1953 gross value of production is replaced by value of factory shipment. (See text). The inventory of finished goods at plant at the end of 1952 amounted to \$20,823,000 and at the end of 1953 to \$27,740,000.

TABLE 14. Comparison of Principal Statistics, 1952 and 1953

Items	1952	1953	+ Increase - Decrease
Establishments reporting..... No.	57	54	- 3
Employees on salaries:			
Total	No. 2,556	2,619	+ 63
Male	1,601	1,650	+ 49
Female	955	969	+ 14
Total salaries	\$ 8,994,590	9,218,655	+ 224,065
Employees on wages:			
Monthly average	No. 20,413	20,559	+ 146
Male	13,038	13,399	+ 361
Female	7,375	7,160	- 215
Total wages	\$ 44,711,180	45,817,885	+ 1,106,705
Cost of fuel and electricity	\$ 3,952,725	3,977,209	+ 24,484
Cost of materials used	\$ 143,584,722	132,917,545	- 10,667,177
Gross value of production	\$ 226,492,425	210,220,958 ¹	- 16,271,467

1. Value of factory shipments. (See text).

TABLE 15A. Factory Shipments Made by the Cotton Yarn and Cloth Industry, 1953

Principal products	Quantity		Selling value at factory
	Pounds	Lineal yards	\$
Broadwoven fabrics:			
All cotton:			
Grey ¹	63,026,313	195,518,534	53,081,593
Bleached	10,194,719	37,768,108	13,357,986
Printed and painted	11,479,270	48,064,153	14,586,081
Piece dyed	16,517,801	63,523,213	19,679,219
Yarn and stock dyed	12,650,218	29,236,088	12,330,877
Tapestries and other upholstering materials	3,300,821	2,822,104	6,371,878
All other fabrics including drapery and damask	3,613,349	5,665,231	4,243,620
Total	120,782,491	382,597,431	123,651,254
Woven goods:			
Tire fabrics	pounds	29,235,247	23,059,763
Quilts, bedspreads, etc.:			
All cotton	dozen	14,372	563,954
Other	"	5,195	58,950
Pillowslips and sheets	—	—	4,603,944
Towels:			
Terry	dozen	815,848	4,179,632
Plain	"	92,713	298,692
Huck	"	157,299	445,900
Terry face cloth	dozen	598,653	660,741
Other Terry woven goods	—	—	882,159
Blankets, except crib:			
All cotton and cotton mixed	pair	1,738,968	7,137,334
Blankets other, including crib	—	—	1,145,549
Other woven goods	—	—	217,608
Total woven goods	—	—	43,254,226
Yarns spun for sale:			
All cotton:			
Grey, knitting	pounds	15,504,871	11,716,099
" , other singles	"	8,277,825	5,890,071
" , other plied	"	13,886,314	9,869,804
Bleached, knitting	"	556,951	544,863
" , other	"	182,664	186,023
Coloured, knitting	"	2,485,938	2,221,749
" , other	"	1,644,768	1,540,665
All other	"	407,036	781,818
Cotton and wool mixed:			
Grey	"	311,302	363,119
Bleached and coloured	"	53,779	75,083
Spun rayon	"	526,662	393,445
Mixtures with spun rayon	"	440,833	340,594
All other yarns	"	864,588	1,499,192
Wrapping twine	pounds	2,727,184	1,722,166
Other twines, lines, rope and cordage	"	1,732,954	1,375,026
Cotton waste sold	"	20,797,260	2,099,074
All other products	—	—	1,676,153
Custom processing receipts	—	—	1,020,534
Total all products	—	—	210,220,958

1. It should be noted that in 1953 a total of 109,483,140 yards of this grey cotton went to other mills for further processing.

TABLE 15B. Supplementary Breakdown, by Constructions, of Broadwoven Cotton Fabrics, 1953¹

Item	Net yardage	Item	Net yardage
1. Corduroy	2,732,575	12. Tobacco and cheese cloth.....	4,566,304
2. Bedsheeting	4,721,627	13. Coarse goods and industrial sheetings	60,011,757
3. Pillow cotton	397,396	14. Print cloth types	76,524,601
4. Towelling	6,756,529	15. Drills and twills	23,285,871
5. Fine yarn fabrics (chiefly combed)	9,731,417	16. Flannels and flannelettes (napped)	37,817,561
6. Marquisettes (combed and carded)	1,290,828	17. Denim	18,899,393
7. Ounce ducks	5,784,282	18. Cottonade, pants coverts	2,082,557
8. Numbered ducks (except paper felt ducks)	2,267,983	19. Chambray, shirting coverts	1,591,237
9. Hose ducks	1,438,478	20. Other yarn dyed.....	1,014,855
10. Belting ducks.....	783,943	Total.....	581,535
11. All other ducks and allied fabrics.....	2,346,227		264,626,956²

1. Includes grey, bleached, printed, and painted, piece dyed and stock dyed fabrics less duplicating figures of 109,483,140 yds. See Table 15A.

2. Of this total, 15,890,271 yards were produced from imported grey fabrics.

TABLE 16. Total Yarns Spun, 1953

	Pounds			
	Under 20's	20's to 39's	40's to 59's	60's and finer
All cotton	93,978,216	48,559,874	3,489,391	240,121
Spun rayon (including spun rayon mixtures)	1,132,370	253,778	77,812	—
All other	2,475,829	167,721	—	—
Total	97,586,415	48,981,373	3,567,203	240,121

Note. Includes yarn spun for sale as given in Table 15A and yarn spun for use in the establishment reporting, or as custom work.

TABLE 17. Materials Used, 1953

Principal materials	Quantity	Cost value at factory
		\$
Fibres:		
Cotton raw	pounds 156,058,496	55,884,704
Cotton waste	" 9,723,943	2,371,081
Wool, raw, wool-tops, waste, etc.	" 310,821	483,566
Rayon staple fibre	" 3,831,651	1,276,366
All other fibres	" 1,457,005	956,197
Yarns, Canadian, not made by plant reporting:		
All cotton:		
Grey	" 9,377,639	6,382,832
Coloured	" 950,590	641,470
Bleached	" 87,374	79,024
Mergerized	" 14,068	19,626
Synthetic (continuous filament)	" 21,572,184	15,119,107
Spun rayon (including spun rayon mixtures)	" 909,878	681,388
Other	" 758,477	869,014
Yarns, imported:		
Grey cotton	" 472,537	553,610
Bleached, mergerized and coloured cotton	" 321,800	319,147
Synthetic (continuous filament)	" 6,302,160	4,383,198
Other yarns	" 230,179	301,831

TABLE 17. Materials Used, 1953 - Concluded

Principal materials		Quantity	Cost value at factory
			\$
Fabrics, Canadian, not made by plant reporting:			
All cotton, grey	pounds	29,134,818	} 24,150,080
Other	yards	109,483,140	
			124,510
Fabrics, imported:			
All cotton, grey	pounds	4,039,279	} 3,034,522
Other	or yards	15,890,271	
			419,537
Rubber yarn (bare and covered)			} 102,042
Thread (cotton)			
Starch and sizing materials	pounds	12,447,773	1,344,029
Chemicals, dyestuffs and oils			5,135,038
Spools, tubes and cones of paper			630,724
All other materials and supplies			5,154,493
Processing and finishing by other mills			824,329
Packing and shipping materials			1,676,080
Total			132,917,545

TABLE 18. Provincial Distribution of Employees by Sex and Remuneration, 1952 and 1953

	Quebec		Ontario		Other provinces		Canada	
	1952	1953	1952	1953	1952	1953	1952	1953
Salaried employees:								
Total No.	1,632	1,687	819	836	105	96	2,556	2,619
Male "	1,015	1,046	521	542	65	62	1,601	1,650
Female..... "	617	641	298	294	40	34	955	969
Total salaries \$	5,813,172	5,956,105	2,861,752	2,954,396	319,666	308,154	8,994,590	9,218,655
Wage-earners:								
Monthly average No.	12,315	12,635	6,790	6,845	1,308	1,079	20,413	20,559
Male "	8,260	8,643	3,992	4,099	786	657	13,038	13,399
Female..... "	4,055	3,992	2,798	2,746	522	422	7,375	7,160
Total wages \$	27,029,070	28,656,082	14,906,834	14,887,458	2,775,276	2,274,345	44,711,180	45,817,885
All employees:								
Total No.	13,947	14,322	7,609	7,681	1,413	1,175	22,969	23,178
Male "	9,275	9,689	4,513	4,641	851	719	14,639	15,049
Female..... "	4,672	4,633	3,096	3,040	562	456	8,330	8,129
Total salaries and wages \$	32,842,242	34,612,187	17,768,586	17,841,854	3,094,942	2,582,499	53,705,770	55,036,540

TABLE 19. Monthly Employment of Wage-earners, 1951 to 1953

	1951			1952			1953		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	Number								
January.....	16,958	9,539	26,497	14,399	8,154	22,553	14,678	7,901	22,579
February.....	16,869	9,501	26,370	14,609	8,126	22,735	14,601	7,649	22,250
March.....	17,177	9,523	26,700	14,231	8,012	22,243	14,633	7,720	22,353
April.....	17,232	9,448	26,680	10,699	5,937	16,636	14,229	7,458	21,687
May.....	17,304	9,460	26,764	10,428	5,746	16,174	13,753	7,314	21,067
June.....	16,672	9,145	25,817	9,893	5,572	15,465	13,271	6,947	20,218
July.....	16,223	8,611	24,834	13,176	7,513	20,689	13,138	6,707	19,845
August.....	15,871	8,647	24,518	13,151	7,547	20,698	13,214	6,986	20,200
September.....	15,734	8,628	24,362	13,667	7,822	21,509	13,048	6,925	19,973
October.....	15,619	8,601	24,220	13,666	7,867	21,753	12,768	6,830	19,618
November.....	15,722	8,650	24,372	14,003	8,129	22,132	12,421	6,615	19,036
December.....	15,016	8,351	23,367	14,295	7,937	22,232	10,971	5,654	16,625
Monthly average.....	16,376	9,013	25,389	13,038	7,375	20,413	13,399	7,160	20,559

TABLE 20. Machinery, Equipment and Spinning Hours, 1953

	Number	
Cards in place.....	4,920	
Spindles in place:		
Spinning (frame).....	1,068,286	
Spinning (mule).....	10,080	
Twisting and doubling.....	128,112	
	Auto- matic	Non- automatic
	No.	No.
Looms in place:		
From 28 to 32 inches wide.....	564	13
From 33 to 36 inches wide.....	228	38
From 37 to 41 inches wide.....	4,744	32
From 42 to 46 inches wide.....	6,782	16
From 47 to 66 inches wide.....	4,558	118
From 69 to 90 inches wide.....	1,400	114
More than 90 inches wide.....	459	17
Total looms in place.....	18,735	348
	Number	
Narrow fabric looms.....	1	
Jacquard machines in place on above looms.....	417	
Dobbies in place on above looms.....	588	
Possible spinning spindle hours for the year, estimated on a normal single shift basis:		
Mule.....	20,160,000	
Frame.....	2,302,646,675	
Actual spinning spindle hours during the year:		
Mule.....	29,269,132	
Frame.....	3,482,440,930	

SECTION 3. THE COTTON THREAD INDUSTRY, 1953

The decision of the Bureau to convert the basis of its manufacturing survey from production to factory shipments has been dealt with on Page 3 of this report. In its first year under the changed concept, the cotton thread industry reported factory shipments which had a value f.o.b. plant of \$10,229,743. Inasmuch as the value of finished goods inventory for the industry rose by an estimated \$272,000 during the year, this amount compares favorably with the \$9,415,986 gross value of production reported in 1952 and indicates an increase in production approximating 12 per cent.

There were two new establishments in 1953. Employment rose from 838 in 1952 to 902 in 1953, up about 8 per cent, accompanied by an 11 per cent

advance in salary and wage payments from \$1,929,352 to \$2,144,435. Materials cost differed only slightly in the two years being \$5,019,293 in the earlier year compared with \$4,947,687 in the later.

Thread is the only significant product in the industry and accounts for practically all of the output. Factory shipments of this commodity were valued at \$10,229,478 in 1953 compared with the \$9,402,874 worth produced in 1952.

Cotton and synthetic yarns were the principal materials used. In 1953, 3,067,583 pounds costing \$4,160,005 were consumed as against 2,278,608 pounds at a cost of \$4,416,306 in the previous year.

TABLE 21. Principal Statistics, 1926 to 1953

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	1,515,279	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
1951	8	864	1,892,580	5,745,017	11,171,408
1952	11	838	1,929,352	5,019,293	9,415,986
1953	13	902	2,144,435	4,947,687	10,229,743 ¹

1. In 1953 gross value of production is replaced by value of factory shipments. (See text). The inventory value of finished goods at plant at the end of 1952 amounted to \$173,000 and at the end of 1953 to \$445,000.

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 22. Comparison of Principal Statistics, 1952 and 1953

Items	1952	1953	+ Increase - Decrease
Establishments reporting..... No.	11	13	+ 2
Employees on salaries:			
Total..... No.	188	181	- 7
Male..... No.	118	109	- 9
Female..... No.	70	72	+ 2
Total salaries..... \$	741,160	808,579	+ 67,419
Employees on wages:			
Monthly average..... No.	650	721	+ 71
Male..... No.	182	198	+ 16
Female..... No.	468	523	+ 55
Total wages..... \$	1,188,192	1,335,856	+ 147,664
Cost of fuel and electricity..... \$	92,594	97,155	+ 4,561
Cost of materials used..... \$	5,019,293	4,947,687	- 71,606
Gross value of production..... \$	9,415,986	10,229,743 ¹	+ 813,757

1. Value of factory shipments. (See text).

TABLE 23. Employees by Sex and Remuneration, 1952 and 1953

	1952	1953
Salaried employees:		
Total..... No.	188	181
Male..... No.	118	109
Female..... No.	70	72
Total salaries..... \$	741,160	808,579
Wage-earners:		
Monthly average..... No.	650	721
Male..... No.	182	198
Female..... No.	468	523
Total wages..... \$	1,188,192	1,335,856
All employees:		
Total..... No.	838	902
Male..... No.	300	307
Female..... No.	538	595
Total salaries and wages..... \$	1,929,352	2,144,435

TABLE 24. Monthly Employment of Wage-earners, 1951 to 1953

	1951			1952			1953		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	Number								
January.....	187	564	751	186	463	649	195	516	711
February.....	190	562	752	180	470	650	198	517	715
March.....	187	565	752	180	468	648	206	544	750
April.....	189	562	751	179	470	649	204	560	764
May.....	182	554	736	176	448	624	201	541	742
June.....	180	534	714	170	441	611	197	534	731
July.....	178	519	697	171	442	613	198	520	718
August.....	174	487	661	175	445	620	196	534	730
September.....	170	471	641	187	468	655	197	522	719
October.....	164	454	618	186	491	677	190	516	706
November.....	167	450	617	189	502	691	182	489	671
December.....	162	440	602	190	506	696	184	472	656
Monthly average.....	178	513	691	182	468	650	198	523	721

SECTION 4. MISCELLANEOUS COTTON GOODS INDUSTRY, 1933

The factory shipments reported by the miscellaneous cotton goods industry in 1953 had a value f.o.b. plant of \$10,737,773, an increase of 2 per cent over the previous year's figure of \$10,488,679. Employment rose from 665 in 1952 to 728 in 1953 accompanied by an advance in salary and wage payments from \$1,944,529 to \$2,115,561. Material costs, however, were slightly lower having fallen from \$6,772,181 in the earlier year to \$6,437,111 in the later.

The thirteen establishments in this industry comprised 7 in Quebec, 5 in Ontario and 1 in British Columbia. Ontario reported a value of shipments of \$7,771,515 and thus accounted for 72 per cent of total shipments. This province also was responsible for 71 per cent of the industry's total employment. Apart from one small firm in British Columbia, Quebec accounted for the balance.

Most of the articles produced by this industry cannot be separately specified without divulging information concerning the operation of less than three establishments. Batts, batting and wadding, including automobile batts, with shipments valued at \$5,135,315 was the most important commodity.

Shipments of waste cotton and flock amounted to \$1,771,896 and wool and other waste to \$1,323,780. The balance was made up of such items as jute and jute padding, cotton yarn, sisal padding, bagging, rags and a number of miscellaneous products.

Of the materials used, cotton waste amounted to 16,552,794 pounds valued at \$1,716,977. Cotton and wool waste mixed was consumed to the extent of 14,857,368 pounds valued at \$1,506,733. Cotton linters consumed were valued at \$565,769, burlap at \$153,626 and rags, clippings, millends, etc. at \$259,773. Other materials used consisted of scrap bagging, cheese cloth, felt, sisal, thread, etc.

Three of the thirteen establishments, each with factory shipments in excess of one million dollars, accounted for \$7,102,278 or 66 per cent of total shipments and with 478 employees these same firms also accounted for 66 per cent of total employment. Of the ten remaining firms, three had a value of shipments ranging between \$500,000 and \$1,000,000. Employment in the industry varied from a high of 710 wage-earners in June to a low of 612 in October and November.

TABLE 25. Principal Statistics, 1926 to 1953

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 25. Principal Statistics, 1926 to 1953 - 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	10	600	1,391,039	4,321,310	6,813,639
1950 ¹	10	632	1,627,210	5,441,006	8,636,864
1951 ¹	13	695	1,922,192	8,342,900	12,462,557
19521 1952 ¹					
Canada	13	665	1,944,529	6,772,181	10,488,679 ²
Ontario	5	453	1,395,066	4,684,329	7,292,870 ²
Quebec and British Columbia	8	212	549,463	2,087,852	3,195,809 ²
1953 ¹					
Canada	13	728	2,115,561	6,437,111	10,737,773 ²
Ontario	5	514	1,548,419	4,712,961	7,771,515 ²
Quebec and British Columbia	8	214	567,142	1,724,150	2,966,258 ²

1. In 1949 the Miscellaneous Cotton Goods Industry was reconstituted in accordance with the Standard Industrial Classification adopted in that year. The new industry is not comparable with the old.

2. Beginning with 1952 the value of factory shipments has been collected instead of gross value of production. (See text). The inventory value of finished products at plant at the end of 1952 amounted to \$111,000 and at the end of 1953 to \$204,000.

TABLE 26. Employees, Salaries and Wages by Provinces, 1952 and 1953

	1952			1953		
	Ontario	Quebec and British Columbia	Canada	Ontario	Quebec and British Columbia	Canada
Salaried employees:						
Total	No. 26	31	57	34	32	66
Male	No. 21	23	44	27	24	51
Female	No. 5	8	13	7	8	15
Total salaries	\$ 197,147	143,188	340,335	247,258	141,266	388,524
Wage-earners:						
Monthly average	No. 427	181	608	480	182	662
Male	No. 331	170	501	379	167	546
Female	No. 96	11	107	101	15	116
Total wages	\$ 1,197,919	406,275	1,604,194	1,301,161	425,876	1,727,037
All employees:						
Total	No. 453	212	665	514	214	728
Male	No. 352	193	545	406	191	597
Female	No. 101	19	120	108	23	131
Total salaries and wages	\$ 1,395,066	549,463	1,944,529	1,548,419	567,142	2,115,561

TABLE 27. Monthly Employment of Wage-earners, 1952 and 1953

	1952			1953		
	Male	Female	Total	Male	Female	Total
	Number					
January	453	98	551	531	115	646
February	481	104	585	546	117	663
March	477	102	579	560	125	685
April	487	107	594	568	125	693
May	506	110	616	570	127	697
June	514	114	628	588	122	710
July	494	112	606	575	119	694
August	503	110	613	568	120	688
September	522	104	626	527	106	633
October	526	112	638	505	107	612
November	521	113	634	507	105	612
December	533	112	645	509	104	613
Monthly average	501	107	608	546	116	662

TABLE 28. Principal Statistics of the Miscellaneous Cotton Goods Industry, Grouped According to the Size of Establishments, 1952 and 1953

Establishments with factory shipments of	Estab- lish- ments	Employees	Salaries and wages	Cost of materials used	Value of factory shipments
	No.	No.	\$	\$	\$
1952					
Under \$25,000	—	—	—	—	—
\$25,000-\$ 49,999	—	—	—	—	—
\$50,000-\$ 99,999	2	97	224,490	765,977	1,209,739
\$100,000-\$499,999	4				
\$500,000-\$999,999	4	148	414,704	1,799,490	2,694,881
\$1,000,000 and over	3	420	1,305,335	4,206,714	6,584,059
Total	13	665	1,944,529	6,772,181	10,488,679
1953					
Under \$25,000	—	—	—	—	—
\$25,000-\$ 49,999	—	—	—	—	—
\$50,000-\$ 99,999	2	122	303,243	1,025,298	1,661,628
\$100,000-\$499,999	5				
\$500,000-\$999,999	3	128	363,657	1,146,351	1,973,867
\$1,000,000 and over	3	478	1,448,661	4,265,462	7,102,278
Total	13	728	2,115,561	6,437,111	10,737,773

List of Firms in the Cotton Yarn and Cloth Industry, 1953

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:	
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.	575 des Ecoles St., Drummondville
Esmond Mills, Ltd., The	225 St. Charles Street, Granby
Goodyear Cotton Co. of Canada, Ltd.	St. Hyacinthe
Granby Weaving & Spinning Mills Ltd.	Granby
Halifax Corduroy Ltd.	Lachine
Montreal Cottons, Ltd., The	Dufferin Road, Valleyfield
Rubyco Mills Ltd.	4530 Clark St., Montreal
Verney Corduroy's Limited	St. Hyacinthe
Wabasso Cotton Co. Ltd.	6th Ave., Grand'Mère
Wabasso Cotton Company, Ltd.	Shawinigan Falls
Wabasso Cotton Company, Ltd., (Mercerising Division)	768 St. Maurice Street, 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' Textile Co. Ltd.	47 Neeve St., Guelph
Caldwell Linen Mills Limited	Iroquois
Canadian Cottons, Ltd. (Canada Mill)	Cornwall
Canadian Cottons, Ltd., (Dundas Mill)	Cornwall
Canadian Cottons Ltd. (Glengarry Mill)	425 Fourth St. W., Cornwall
Canadian Cottons, Ltd., (Stormont Mill)	Cornwall
Canadian Cottons, Ltd., (Ontario Mill)	429 James Street N., Hamilton
Canbri Manufacturing Co. Ltd.	Ajax
Cosmos Imperial Mills, Ltd.	Sherman Ave. N., Hamilton
Curl Brothers Textiles (Canada)	334 Lauder Avenue, Toronto
Dominion Fabrics, Ltd.	Dunnville
Dominion Rubber Co. Ltd., (Textile Division)	Kitchener
Dominion Yarns Limited	Welland
Firestone Textiles Ltd.	Woodstock
Glendale Spinning Mills, Ltd.	Glendale Avenue, Hamilton
Grand Valley Textiles, Ltd.	485 Dundas Street, Galt
Hamilton Cotton Co. Ltd., The	Dundas
Hamilton Cotton Company, Ltd., The	304 Mary Street N., Hamilton
La France Textiles Ltd.	Woodstock
Lancaster Weaving Mills Ltd.	Kitchener
Monarch Knitting Co. Ltd., The (Spinning Division)	Ajax
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	49 Eugene St., North Park
Trent Cotton Company, Ltd.	Trenton
Woods Manufacturing Co. Ltd., (Empire Cotton Division)	Welland
British Columbia:	
Lulu Island Textile Ltd.	930 Railway Ave., Steveston

List of Firms in the Cotton Thread Industry, 1953

Name	Address
Quebec:	
Alba Threads Limited	8600A de l'Epée Ave., Montreal
Canadian Sewing Supply Ltd.	400 Atlantic Ave., Montreal
Canadian Spool Cotton Company	421 Pie IX Boulevard, Montreal
Independent Thread Mills	426 St. Helen St., Montreal
Kay Thread Co.	366 Le Moyne St., Montreal
Manufacturers Thread of Canada Inc.	166 Dante St., Montreal
Marlen Threads Limited	222 Mount Royal E., Montreal
Middlesex Manufacturing Co.	1461 Mountain St., Montreal
National Thread Limited, The	370-10th Ave., Sherbrooke
Perfect Thread Co. Ltd.	8031 Biron St., Ville St. Michel
Ontario:	
Bell Thread Company, Ltd., The	Cor. Huron St. & Minto Ave., Hamilton
Eaton, The T., Company, Ltd.	190 Yonge St., Toronto
Gibraltar Thread Works	191 John St., Toronto

List of Firms in the Miscellaneous Cotton Textiles Industry, 1953

Name	Address
Quebec:	
Allied Flock & Felt Inc.	5370 Côte St. Paul Rd., Montreal
Dominion Wadding Co. Ltd.	120 Vinet St., Montreal
Leigh Textiles (Canada) Limited	280 Marien Ave. E., Montreal
London Felt Mfg. Co. Inc.	120 Grey Nun St., Montreal
London Waste Mfg. Co. Ltd.	8350 Jeanne Monce St. Montreal
Matodor Inc.	9500 St Lawrence Blvd., Montreal
Montreal Cotton & Wool Waste Ltd.	21 Nazareth St., Montreal
Ontario:	
Bauers Limited	187 King St., S. Waterloo
Dominion Felt Co.	43 Shanley St., Toronto
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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