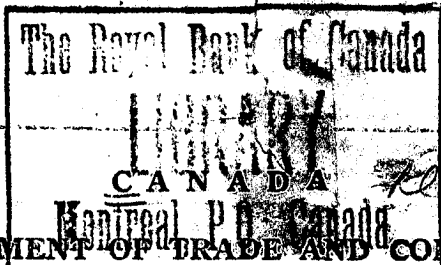


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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

STATISTICS STATISTIQUE
CANADA CANADA

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REPORT
on the
COTTON TEXTILE INDUSTRY
in
CANADA
1930

INCLUDING -

1. Cotton Yarn and Cloth
2. Cotton Thread
3. Cotton Batting and Wadding
4. Cotton Wool and Waste
5. Cotton Textiles n.e.s.

Published by Authority of the Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce

OTTAWA

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
OTTAWA, CANADA

Dominion Statistician: R. H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Acting Chief, Industrial Census: A. Cohen, B. Com.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930.

Ottawa, December, 1931. The report on the Cotton Textile Industry in Canada for the calendar year 1930 is herewith presented. The industry is divided into five sections as follows:

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PROPERTY OF THE

1. Cotton yarn and cloth.
2. Cotton thread.
3. Cotton batting and wadding.
4. Cotton and wool waste.
5. Cotton textiles, n.e.s.

The year 1930 saw 77 mills in operation in the Cotton Textile Industry throughout Canada located in the following provinces: Nova Scotia 1; New Brunswick 4; Quebec 33; Ontario 36; British Columbia 1; Manitoba 1; and Alberta 1. There was a decrease of three from the number operating in 1929, two plants discontinuing operations in Quebec, and one in Ontario.

The value of production in the year 1930 showed a very heavy reduction. In 1929 production was valued at \$90,079,956 while in 1930 the value was only \$58,587,366, a decrease of \$31,492,590. Part of this decrease is accounted for by the fact that production of oilcloths and linoleums, which was formerly included with the cotton yarn and cloth figures, was this year shown in miscellaneous textiles, and is therefore, not included in this report. Production of cotton fabrics of all kinds, and grey yarns also showed a decline of almost fourteen million dollars from the 1929 figures.

The combined capital investment in this industry amounted to \$87,589,707 in land, buildings, equipment, inventories and other assets. This was a decrease of \$17,395,340 from the figures for 1929 when the total value was \$104,985,047. The number of employees, salaried and otherwise in 1930 was 18,590 or 3,503 fewer than in 1929, when the number totalled 22,093. Salaries and wages amounted to \$18,552,937 in 1929, and \$14,561,949 in 1930, a decrease of \$3,990,988.

The cost of materials used amounting to \$33,088,200 in 1930 represents a decline of \$16,892,612 as compared with the previous year for which the figures were \$49,980,812.

The value added by manufacture showed a corresponding decrease of \$14,599,978 the figures totalling \$40,099,144 in 1929 and \$25,499,166 for 1930.

Altogether the year 1930 proved disappointing to the Cotton Textile Industry. This was owing, chiefly, to the general business depression, and the large decrease in the value of raw materials. During the first eight or nine months of the year production in Canadian Cotton mills had fallen even below the normal of preceding years for the same period. The depressed state of the cotton industry in Great Britain and the United States brought forth intense price competition for Canadian business, and it is estimated there have been more sales representatives of foreign cotton manufacturers in the Canadian market than in any other industry here. This condition caused an exceedingly gloomy outlook for the Canadian Cotton Industry during the early part of 1930.

During the last few years there has undoubtedly been a large overproduction of all cotton textiles throughout the entire world. Japan, which until lately has not been a serious factor in the production of cotton goods, has now captured a large part of the former British export market, particularly in Asia. Also the manufacture of cotton fabrics in India, particularly of cheaper grades for local consumption, has been increasing steadily of late years. This market was also formerly supplied from British mills and the resultant effect has been intensified competition with British manufacturers in all other markets. As a consequence Canadian mills have felt the effect of the distress conditions in the Lancashire district.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

It is not possible to analyze exhaustively the relative proportions of staple and fancy cotton goods produced in Canada, and imported, but under conditions which have existed during these years, Canadian mills have supplied a constantly increasing proportion of quality cotton merchandise to the home market, despite foreign competitors who are offering severe price competition.

At present the Canadian cotton industry is producing a very wide variety of staple cottons, and is quite capable of supplying the entire domestic requirements of such goods. There are exceptions of certain lines of specialty cotton articles for which there is a very limited demand.

The physical condition of Canadian mills has been maintained to a remarkable degree during the last few years. In fact, their continued operation under the unfavourable existing conditions has been due in a very large measure to efficiency of machinery and equipment, and to merchandising and marketing methods. All out of date and obsolete machinery and equipment is being rapidly replaced by the most modern available and Canadian mills are now in a position to produce merchandise which is not only equal to but in many cases superior to the imported article.

Exports of cotton textiles held up remarkably well in 1930, the total value amounting to \$813,798. This was an increase of \$1,671 over the figures for the year 1929 when the amount was \$812,127. Full details of exports by articles and countries will be noted on pages 13 to 15 inclusive.

Imports of cotton textiles, however, showed a decided decrease in the year 1930. In this year they amounted to \$40,061,699 in value, a decline of \$21,420,157 from the 1929 figures, when the value was \$61,481,856. These imports are shown in detail by countries and articles on pages 4 to 12 inclusive.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930-Con.

Table 1.-Principal Statistics of the Cotton Textile Industry, 1922-1930.

Items	No. of es- tab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of materials used	Selling value of products	Value added by manu- facture
1922--		\$	No.	\$	\$	\$	\$
Cotton yarn and cloth	33	76,099,980	19,012	13,764,623	34,694,760	72,174,728	37,479,968
Cotton thread	4	2,930,711	713	640,043	1,938,264	4,228,462	2,290,198
Cottons, other than above	28	5,357,829	935	1,028,951	4,077,423	6,432,626	2,355,203
Total	65	84,388,520	20,660	15,433,617	40,710,447	82,835,816	42,125,369
1923--							
Cotton yarn and cloth	34	82,843,739	19,342	14,100,523	43,155,326	79,333,985	36,178,659
Cotton thread	5	4,015,023	750	657,709	2,233,810	4,486,339	2,252,529
Cottons, other than above	33	5,567,267	1,132	1,234,611	4,869,462	7,726,453	2,856,991
Total	72	92,426,029	21,124	15,992,843	50,258,598	91,546,777	41,288,179
1924--							
Cotton yarn and cloth	35	82,752,025	18,380	12,264,523	43,274,245	69,984,875	26,710,630
Cotton thread	5	4,496,274	717	674,805	1,967,976	3,654,784	1,686,808
Cottons, other than above	36	6,638,225	1,060	1,129,789	5,321,099	7,767,101	2,446,002
Total	76	93,886,524	20,157	14,069,117	50,563,320	81,406,760	30,843,440
1925--							
Cotton yarn and cloth	37	83,610,686	20,497	14,285,586	44,793,622	72,781,517	27,987,895
Cotton thread	5	4,596,366	708	660,527	2,036,552	3,921,862	1,885,310
Cottons, other than above	36	7,040,400	1,123	1,137,618	5,580,973	8,184,337	2,603,364
Total	78	95,247,452	22,328	16,083,731	52,411,147	84,887,716	32,476,569
1926--							
Cotton yarn and cloth	38	83,439,179	20,323	15,229,006	44,265,529	76,274,257	32,008,728
Cotton thread	5	4,154,658	774	686,858	2,360,350	4,538,217	2,177,867
Cottons, other than above	38	7,406,831	1,239	1,216,213	6,097,102	9,010,084	2,912,982
Total	81	95,000,668	22,336	17,132,077	52,722,981	89,822,558	37,099,577
1927--							
Cotton yarn and cloth	39	84,927,745	21,383	17,146,927	39,297,188	75,818,876	36,521,688
Cotton thread	5	4,279,408	778	717,872	2,094,749	4,640,536	2,545,787
Cottons, other than above	38	8,111,567	1,342	1,330,663	6,217,018	9,721,046	3,504,028
Total	82	97,318,720	23,503	19,195,467	47,608,955	90,180,458	42,571,503
1928--							
Cotton yarn and cloth	38	90,960,011	21,615	17,688,791	44,704,779	79,219,582	34,514,803
Cotton thread	5	4,357,721	752	688,355	1,969,340	4,464,981	2,495,641
Cottons, other than above	41	8,233,809	1,412	1,433,157	6,934,728	10,363,668	3,428,940
Total	84	103,551,541	23,779	19,810,303	53,608,847	94,048,231	40,439,384
1929--							
Cotton yarn and cloth	36	95,542,319	20,223	16,672,291	43,135,575	78,241,765	35,108,190
Cotton thread	6	4,190,130	780	689,239	2,025,955	4,321,584	2,295,629
Cotton batting and wadding	8	2,765,650	305	418,265	1,623,288	2,711,855	1,088,567
Cotton & wool waste	7	1,122,818	264	297,919	1,936,230	2,645,184	708,954
Cotton textiles, n.e.s.	23	1,364,130	521	475,223	1,261,764	2,159,568	897,804
Total	80	104,985,047	22,093	18,552,937	49,980,812	90,079,956	40,099,144
x1930--							
Cotton yarn and cloth	33	78,542,804	16,999	13,004,793	27,975,574	48,692,878	20,717,304
Cotton thread	7	4,214,075	696	638,915	1,577,661	3,816,868	2,239,207
Cotton batting and wadding	8	2,665,952	270	347,126	1,447,880	2,934,695	1,486,815
Cotton and wool waste	7	1,041,227	186	176,934	1,143,574	1,494,501	350,927
Cotton textiles, n.e.s.	22	1,125,649	439	394,181	943,511	1,648,424	704,913
Total	77	87,589,707	18,590	14,561,949	33,088,200	58,587,366	25,499,166

x Does not include figures for oilcloths and linoleums, which previous to 1930 were included with cotton yarn and cloth.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

The number of plants in operation in each of the above named sections is summarized by provinces in the accompanying table.

Table 2.- Location of Plants by Provinces, 1930.

Provinces	Cotton Yarn and Cloth	Cotton Thread	Cotton Batting and Wadding	Cotton and Wool Waste	Cotton Goods, N.E.S.	Total Cotton Textile Group
CANADA	No. 33	No. 7	No. 8	No. 7	No. 22	No. 77
Nova Scotia	1	-	-	-	-	1
New Brunswick	4	-	-	-	-	4
Quebec	14	4	3	3	9	33
Ontario	14	3	5	3	11	36
Other Provinces 1/	-	-	-	1	2	3

1/ Includes British Columbia, Manitoba and Alberta.

IMPORTS.

The quantity and value of Cotton Textiles imported for consumption in Canada during the calendar year 1930 are shown in Table 3, by articles and countries. The total value of imported cotton textiles rose from \$55,859,967 in 1926 to \$61,481,856 in 1929. In 1930 however, imports dropped to \$40,061,699, a decrease of \$21,420,157. Imports from the United Kingdom showed a decrease of \$2,931,742. From the United States of \$18,482,944, and from all other countries there was a slight decrease amounting to \$5,471.

Table 3.- Imports of Cotton and its Products, 1930.

Raw and partly manufactured materials				
Cotton, raw				
United Kingdom	lbs.	938,109	\$	184,742
United States	"	99,306,213		14,022,910
Br. India	"	69,995		8,658
Total	"	100,314,317	\$	14,216,310
Cotton linters				
United Kingdom	lbs.	2,000	\$	184
United States	"	7,972,614		350,833
China	"	27,353		1,193
Total	"	8,001,967	\$	352,210
Linters, of cotton for manufacture of blotting paper, etc.				
United States	lbs.	264,495	\$	15,488
Batts, batting and sheet wadding				
United Kingdom	lbs.	6,863	\$	1,411
United States	"	212,113		35,274
Japan	"	9,199		1,750
Other Countries	"	1,406		635
Total	"	229,581	\$	39,070
Carded silver wholly of cotton, not bleached, etc.				
United States	lbs.	21,042	\$	774
Cotton pulp imported by mfrs. for own use				
United States	lbs.	813,161	\$	68,615
Rovings, yarns and warps, not more than No. 20.				
United Kingdom	lbs.	73,739	\$	39,565
United States	"	161,389		61,653
Total	"	235,128	\$	101,218

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 3.- Imports of Cotton and its Products, 1930, Con.

Yarns and warps from No. 20 to not exceeding No. 40.				
United Kingdom	lbs.	87,411	\$	42,933
United States	"	968		411
Total	"	88,379	\$	43,344
Yarns and warps of cotton exceeding No. 40.				
United Kingdom	lbs.	687,151	\$	444,130
United States	"	25,923		19,390
Total	"	713,074	\$	463,520
Rovings, yarns and warps including thread				
United Kingdom	lbs.	193,992	\$	81,375
United States	"	420,063		213,456
France	"	5,676		3,898
Netherlands	"	1,433		758
Hong Kong	"	1,305		215
Other Countries	"	601		520
Total	"	623,070	\$	300,222
Yarns and warps for mfr. of tapes, braids, etc.				
United Kingdom	lbs.	4,707	\$	2,750
United States	"	121,762		69,143
Total	"	126,469	\$	71,893
Cotton warps				
United Kingdom	lbs.	30,954	\$	13,753
United States	"	95,911		31,641
Germany	"	22		3
Total	"	126,887	\$	45,397
Crochet and knitting cotton				
United Kingdom	lbs.	194	\$	325
United States	"	934		542
France	"	52,717		89,862
Total	"	53,845	\$	90,729
Cards and twine, cotton				
United Kingdom	lbs.	101,560	\$	22,894
United States	"	246,825		102,201
Other Countries	"	1,159		512
Total	"	349,544	\$	125,607
Sewing cotton thread on spools				
United Kingdom			\$	9,790
United States				39,181
Belgium				8,985
France				2,124
Germany				353
Total			\$	60,433
Cotton yarns, covered with metallic strip known as tinsel.				
United States			\$	29,357
France				5,157
Other Countries				1,291
Total			\$	35,805

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 3.- Imports of Cotton and its Products, 1930, Con.

Yarns and warps, wholly of cotton, mercerized			
United Kingdom	lbs.	127,329	\$ 120,390
United States	"	1,816,132	1,512,061
Other Countries	"	134	218
Total	"	1,943,595	\$ 1,632,669
Cotton sewing thread yarn			
United Kingdom	lbs.	381,397	\$ 301,617
United States	"	185,942	145,257
Total	"	567,339	\$ 446,874
Yarns and warps wholly of cotton No. 30 and finer			
United Kingdom	lbs.	19,289	\$ 23,354
United States	"	3,914	3,332
Total	"	23,203	\$ 26,686
Wholly manufactured goods:			
Woven fabrics wholly of cotton not bleached			
United Kingdom	yards	7,231,366	\$ 616,929
United States	"	21,944,228	2,194,135
Belgium	"	3,870	11,702
Czecho-Slovakia	"	24,346	3,677
France	"	8,004	1,485
Japan	"	6,475	574
Switzerland	"	1,253	448
Other Countries	"	1,061	531
Total	"	29,220,603	\$ 2,829,481
Canton flannels			
United Kingdom	yards	261,222	\$ 65,824
United States	"	223,020	16,769
France	"	1,001	212
Total	"	485,243	\$ 82,805
Plain shirtings			
United Kingdom	yards	304,114	\$ 39,182
United States	"	497,905	71,104
Japan	"	8,131	622
Switzerland	"	119	23
Total	"	810,269	\$ 110,931
Towelling in the web			
United Kingdom	yards	82,702	\$ 9,425
United States	"	38,825	3,461
Switzerland	"	623	121
Other countries	"	130	27
Total	"	122,280	\$ 13,034
Voiles, scrims, victoria lawns			
United Kingdom	yards	118,866	\$ 13,023
United States	"	281,904	26,574
France	"	1,593	314
Switzerland	"	13,784	3,289
Total	"	416,147	\$ 43,200
Woven fabrics, wholly of cotton, bleached			
United Kingdom	yards	5,744,685	\$ 874,098
United States	"	9,170,370	684,070
Belgium	"	4,864	828
China	"	85	14
Czecho-Slovakia	"	2,732	995
France	"	19,082	7,667
Germany	"	3,452	2,483
Japan	"	77,504	5,657
Netherlands	"	11,317	1,571
Switzerland	"	134,475	28,338
Total	"	15,168,566	\$ 1,605,721

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 3.- Imports of Cotton and its Products, 1930, Con.

Cotton fabrics, printed		
United Kingdom	yards	7,205,957
United States	"	12,888,057
Austria	"	1,302
Belgium	"	92,268
Czecho-Slovakia	"	142,634
France	"	84,714
Germany	"	35,638
Italy	"	85,547
Japan	"	46,150
Netherlands	"	42,206
Persia	"	4,219
Poland and Danzig	"	2,687
Switzerland	"	32,269
Total	"	20,663,648
Cotton fabrics, piece dyed		
United Kingdom	yards	9,186,295
United States	"	7,787,771
Belgium	"	52,872
Czecho-Slovakia	"	448,249
France	"	93,967
Germany	"	26,911
Italy	"	445,539
Japan	"	167,305
Netherlands	"	101,795
Poland and Danzig	"	1,104
Switzerland	"	142,309
Other Countries	"	476
Total	"	18,454,593
Cotton fabric yarn, dyed		
United Kingdom	yards	1,977,650
United States	"	2,571,620
Belgium	"	130,885
Czecho-Slovakia	"	401,590
France	"	109,475
Germany	"	57,950
Italy	"	161,651
Japan	"	5,776
Netherlands	"	89,900
Switzerland	"	3,602
Other Countries	"	1,390
Total	"	5,511,489
Woven fabrics wholly of cotton for corset manufacture		
United Kingdom		-
United States		-
Total		-
Woven fabrics wholly of cotton, velveteens		
United Kingdom	yards	907,315
United States	"	284,961
Austria	"	1,090
Belgium	"	73,904
Czecho-Slovakia	"	13,858
France	"	40,492
Germany	"	28,746
Italy	"	3,980
Japan	"	29,512
Netherlands	"	6,355
Total	"	1,390,213

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8,250
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2,345
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\$ 1,318,425
\$ 1,935
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\$ 64,735
\$ 423,365
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51,201
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24,424
1,588
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4,693
\$ 736,889

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 3.- Imports of Cotton and its Products, 1930, Con.

Woven fabrics, not coloured, for manufacture of typewriter ribbons		
United Kingdom	-	\$ 42,202
United States	-	8,890
Total	-	\$ 51,092
Knitted fabrics wholly of cotton in the web		
United States	-	\$ 86,203
Embroideries wholly of cotton not coloured		
United Kingdom	-	\$ 163
United States	-	410
Switzerland	-	4,015
Other Countries	-	1,003
Total	-	\$ 5,591
Embroideries cotton, n.o.p.		
United Kingdom	-	\$ 78,139
United States	-	12,559
Belgium	-	1,994
Br. India	-	1,501
China	-	2,497
Czecho-Slovakia	-	2,066
France	-	10,584
Germany	-	11,812
Italy	-	3,458
Azores and Madeira	-	14,411
Switzerland	-	33,708
Other Countries	-	1,087
Total	-	\$ 173,816
Lace, wholly of cotton, not coloured		
United Kingdom	-	\$ 16,535
United States	-	14,823
China	-	87
France	-	2,533
Germany	-	7,280
Switzerland	-	1,897
Total	-	\$ 43,155
Lace, bobinet, nets and netting		
United Kingdom	-	\$ 499,954
United States	-	266,252
Belgium	-	4,097
Br. India	-	3,762
China	-	29,415
Czecho-Slovakia	-	1,416
France	-	99,627
Germany	-	87,264
Italy	-	1,756
Netherlands	-	1,200
Switzerland	-	60,434
Other Countries	-	1,683
Total	-	\$ 1,056,860
White cotton bobinet, plain in the web		
United Kingdom	yards 54,519	\$ 9,798
United States	" 2,948	610
Total	" 57,467	\$ 10,408
Blouses and shirtwaists		
United Kingdom	-	\$ 133
United States	-	4,970
France	-	966
Other Countries	-	364
Total	-	\$ 6,433

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 3.- Imports of Cotton and its Products, 1930, Con.

Collars and cuffs				
United Kingdom		-	\$	14,060
United States		-		2,683
Germany		-		2,765
Switzerland		-		4,087
Other Countries		-		207
Total		-	\$	23,802
Corsets				
United Kingdom	No.	6	\$	68
United States	"	2,343		5,257
France	"	181		523
Total		2,530	\$	5,848
Cotton gloves				
United Kingdom		-	\$	24,020
United States		-		50,988
Czecho-Slovakia		-		3,647
France		-		47,947
Germany		-		375,509
Other Countries		-		1,336
Total		-	\$	503,347
Socks and stockings				
United Kingdom	dozen prs.	15,244	\$	38,699
United States	" "	238,677		298,512
China	" "	3,413		2,987
Czecho-Slovakia	" "	21,122		19,591
France	" "	1,699		7,087
Germany	" "	31,275		55,020
Hong Kong	" "	6,998		4,378
Italy	" "	9,306		11,782
Japan	" "	386,736		201,007
Other Countries	" "	846		3,422
Total	" "	715,316	\$	642,485
Shirts				
United Kingdom	dozen	2,808	\$	35,136
United States	"	8,817		71,553
Other Countries	"	108		1,777
Total	"	11,733	\$	108,466
Underwear valued at 90¢ per pound or less				
United Kingdom		-	\$	628
United States		-		29,704
Czecho-Slovakia		-		3,227
Italy		-		2,751
Japan		-		14,086
Other Countries		-		83
Total		-	\$	50,479
Underwear valued at more than 90¢ per pound				
United Kingdom		-	\$	11,028
United States		-		37,944
Czecho-Slovakia		-		1,578
France		-		1,656
Japan		-		22,737
Switzerland		-		2,238
Other Countries		-		226
Total		-		77,407

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 3.- Imports of Cotton and its Products, 1930, Con.

Cotton clothing, n.o.p.			
United Kingdom	-	\$	253,235
United States	-		747,378
Austria	-		1,635
Belgium	-		35,041
Czecho-Slovakia	-		12,837
France	-		68,556
Germany	-		19,057
Italy	-		1,504
Japan	-		42,245
Azores and Madeira	-		2,745
Switzerland	-		15,554
Other Countries	-		2,289
Total	-	\$	1,202,076
Bags, seamless, cotton			
United Kingdom	-	\$	431
United States	-		12,279
Br. India	-		1,428
Other Countries	-		333
Total	-	\$	14,471
Bags made up by use of needle			
United Kingdom	-	\$	165
United States	-		56,881
Cuba	-		17,276
Other Countries	-		507
Total	-		74,829
Belting for machinery			
United Kingdom	-		28,266
United States	-		37,400
Total	-	\$	65,666
Blankets, household			
United Kingdom	No. 41,938	\$	33,893
United States	" 209,657		122,309
Belgium	" 31,924		17,352
Czecho-Slovakia	" 135,053		63,411
France	" 1,264		1,074
Germany	" 85,814		45,401
Hong Kong	" 340		247
Italy	" 2,300		877
Japan	" 5,427		3,525
Netherlands	" 3,288		1,528
Poland and Danzig	" 7,559		4,176
Total	" 524,564	\$	293,793
Laces, boot, shoe, shirt and stay			
United Kingdom	-	\$	862
United States	-		9,775
Belgium	-		12,888
Other Countries	-		2,703
Total	-	\$	26,228
Braided candle wick			
United Kingdom	-	\$	1,914
United States	-		8,612
Other Countries	-		1,149
Total	-	\$	11,675
Curtains, woven, not coloured			
United Kingdom	-	\$	11,588
United States	-		4,650
Switzerland	-		2,623
Other Countries	-		544
Total	-	\$	19,405

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 3.- Imports of Cotton and its Products, 1930, Con.

Curtains, n.o.p.		
United Kingdom	-	\$ 211,101
United States	-	72,671
Austria	-	3,385
Belgium	-	1,180
France	-	38,736
Italy	-	2,684
Switzerland	-	116,246
Other Countries	-	1,190
Total	-	\$ 447,193
Diapers, tray cloths, tablecloths, bath mats, etc.		
United Kingdom	-	\$ 45,807
United States	-	8,681
Belgium	-	1,581
Czecho-Slovakia	-	1,851
Japan	-	1,766
Azores and Madeira	-	2,628
Other Countries	-	848
Total	-	\$ 63,162
Seamless, cotton duck		
United Kingdom	-	\$ 199
United States	-	121,189
Total	-	\$ 121,388
Braids, fringes and tassels		
United Kingdom	-	\$ 5,671
United States	-	47,881
Switzerland	-	3,498
Other Countries	-	2,378
Total	-	\$ 59,428
Handkerchiefs		
United Kingdom	-	\$ 607,988
United States	-	6,091
Austria	-	5,320
China	-	10,311
Czecho-Slovakia	-	4,704
France	-	8,327
Germany	-	10,552
Switzerland	-	230,028
Other Countries	-	2,113
Total	-	\$ 885,434
Mantle stockings for gas lights		
United States	-	\$ 17,632
Quilts		
United Kingdom	No. 51,596	\$ 92,180
United States	" 5,481	6,568
Japan	" 5,370	2,745
Other Countries	" 1,337	2,809
Total	" 63,784	\$ 104,302
Sheets and pillow cases		
United Kingdom	-	389,092
United States	-	18,724
Other Countries	-	2,867
Total	-	\$ 410,683
Towels		
United Kingdom	-	\$ 62,106
United States	-	60,346
Czecho-Slovakia	-	3,422
Other Countries	-	3,645
Total	-	\$ 129,519

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 3.- Imports of Cotton and its Products, 1930, Con.

Articles made from woven fabrics		
United Kingdom	-	\$ 581,286
United States	-	1,021,618
Br. India	-	1,237
Belgium	-	26,481
China	-	6,595
Cuba	-	4,764
Czecho-Slovakia	-	43,225
France	-	23,779
Germany	-	57,698
Italy	-	12,764
Japan	-	29,154
Netherlands	-	4,490
Azores and Madeira	-	3,917
Switzerland	-	7,196
Other Countries	-	2,666
Total	-	\$ 1,827,320
Total Cotton -		
United Kingdom	-	\$ 9,711,721
United States	-	26,747,220
Br. India	-	16,685
Austria	-	14,339
Belgium	-	301,306
China	-	53,990
Cuba	-	22,342
Czecho-Slovakia	-	497,103
France	-	618,076
Germany	-	758,350
Hong Kong	-	6,739
Italy	-	270,682
Japan	-	359,990
Netherlands	-	87,571
Poland and Danzig	-	5,760
Azores and Madeira	-	25,142
Persia	-	1,430
Switzerland	-	559,722
Other Countries	-	3,531
Total	-	\$40,061,699
Imports of surgical dressings, antiseptic, absorbent cotton, lint, tow, jute, etc. not included in cotton imports		
United Kingdom	-	223,708
United States	-	279,220
Other Countries	-	10,190
Total	-	513,118
Wool waste - garnetted		
United Kingdom	lbs.	83,599
United States	"	448
Total		84,047
Cotton waste		
United Kingdom	lbs.	48,694
United States	"	978,361
Japan	"	1,507,048
Other Countries	"	323,609
Total		2,857,712
		196,182

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 3.- Imports of Cotton and its Products, 1930, Con.

Rags and waste			
United Kingdom	lbs.	4,511,900	\$ 148,012
United States	"	22,762,200	1,154,989
Netherlands	"	1,002,800	52,306
Other Countries	"	3,033,300	76,558
Total	"	31,310,200	\$ 1,431,865
Waste portions of unused fabrics			
United Kingdom	lbs.	2,091,300	\$ 60,264
United States	"	8,452,300	497,563
Netherlands	"	816,200	50,530
Other Countries	"	1,513,300	65,640
Total	"	12,873,100	\$ 673,997
Summary Cotton and Wool waste			
United Kingdom	lbs.	6,735,493	\$ 240,749
United States	"	32,193,309	1,735,570
Japan	"	1,507,048	85,436
Netherlands	"	1,819,000	102,836
Other Countries	"	4,870,209	162,161
Total	"	47,125,059	2,326,752

EXPORTS, COTTON TEXTILES

The export of cotton goods, the produce of Canada is shown by articles and principal countries in Table 4 for the calendar year 1930. The total value of exports in 1930 was \$813,798 as compared with \$812,127 in 1929. Exports to the United Kingdom increased by \$11,856. Those of Other Countries decreased by \$17,637, whilst those to the United States increased by \$7,452 the net increase over 1929 being \$1,671.

Table 4.- Exports of Cotton and its Products.

Cotton waste			
United States	Cwt.	487	\$ 4,103
Newfoundland	"	286	3,155
Other Countries	"	14	195
Total	"	787	\$ 7,453
Cotton duck			
United Kingdom	Yards	56,839	\$ 32,490
United States	"	786	7,394
British S.Africa	"	423	321
British Guiana	"	1,855	581
British Honduras	"	26,031	9,152
Barbados	"	18,345	6,029
Jamaica	"	7,108	1,920
Trinidad and Tobago	"	33,784	12,023
Other Br.West Indies	"	4,925	1,867
Newfoundland	"	42,846	40,183
Fiji	"	4,223	971
New Zealand	"	60,697	30,109
Brazil	"	1,472	3,155
Colombia	"	19,701	9,218
Costa Rica	"	827	315
Canary Islands	"	14,436	3,974
Ecuador	"	3,676	2,620
Guatemala	"	1,026	528
Hayti	"	1,547	454
Honduras	"	2,335	1,449
Dutch W. Indies	"	1,883	660
Nicaragua	"	9,522	4,053
Norway	"	26,840	8,436
Peru	"	842	457
Portuguese Africa	"	2,686	691
Russia	"	1,870	29,338
Salvador	"	2,070	647
Sweden	"	5,257	2,610
Venezuela	"	35,307	14,580
Other Countries	"	3,331	8,831
Total	"	392,490	\$ 235,056

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 4.- Exports of Cotton and its Products, Con.

Cotton Fabrics			
United Kingdom	yards	24,028	\$ 3,946
United States	"	12,424	5,086
Irish Free State	"	3,095	442
Jamaica	"	1,258	139
Other Br. West Indies	"	1,336	206
Gibraltar	"	7,092	1,148
Newfoundland	"	14,525	3,117
Australia	"	1,992	704
New Zealand	"	451,462	38,433
Argentina	"	1,489	604
Belgium	"	33,075	4,907
Colombia	"	33,600	1,880
Denmark	"	1,020	153
France	"	17,224	2,885
St. Pierre and Miquelon	"	3,051	534
Greece	"	9,516	1,741
Italy	"	74,531	11,145
Japan	"	4,000	245
Netherlands	"	7,284	1,131
Norway	"	3,200	480
Uruguay	"	3,072	1,423
Other Countries	"	1,686	403
Total		715,960	\$ 80,752
Cotton Underwear			
United Kingdom		-	\$ 30,494
United States		-	436
Irish Free State		-	1,238
Br. South Africa		-	26,168
British India		-	1,388
British Guiana		-	3,390
Barbados		-	1,131
Jamaica		-	2,297
Trinidad and Tobago		-	4,747
Other Br. West Indies		-	708
Hong Kong		-	1,478
Newfoundland		-	30,552
New Zealand		-	40,961
Chile		-	2,050
China		-	9,195
St. Pierre and Miquelon		-	3,917
Other Countries		-	2,675
Total		-	\$ 162,825
Cotton Clothing			
United Kingdom		-	\$ 270
United States		-	533
British South Africa		-	680
Bermuda		-	5,065
British Guiana		-	810
Jamaica		-	3,420
Trinidad and Tobago		-	1,479
Newfoundland		-	38,203
New Zealand		-	11,126
Colombia		-	1,880
St. Pierre and Miquelon		-	6,997
Peru		-	1,391
Other Countries		-	2,713
Total		-	\$ 74,567

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

Table 4.- Exports of Cotton and its Products, Con.

All other cotton manufactures		
United Kingdom	-	\$ 148,301
United States	-	9,502
British South Africa	-	1,899
Bermuda	-	3,279
Barbados	-	953
Jamaica	-	936
Trinidad and Tobago	-	1,685
Other British West Indies	-	734
Hong Kong	-	1,334
Newfoundland	-	16,023
Australia	-	20,217
New Zealand	-	32,776
St. Pierre and Miquelon	-	2,175
Japan	-	720
Mexico	-	5,566
Sweden	-	1,575
Uruguay	-	1,723
Other Countries	-	3,747
Total	-	\$ 253,145
Total Exports of Cotton and its Products.		
United Kingdom		\$ 215,501
United States	-	27,054
Irish Free State	-	1,680
British South Africa	-	29,068
Bermuda	-	9,088
British India	-	1,657
British Guiana	-	5,489
British Honduras	-	9,605
Barbados	-	8,602
Jamaica	-	8,712
Trinidad and Tobago	-	19,934
Other British West Indies	-	4,182
Gibraltar	-	1,148
Hong Kong	-	3,361
Newfoundland	-	131,233
Australia	-	21,302
Fiji	-	1,376
New Zealand	-	153,405
Belgium	-	4,910
Brazil	-	3,404
Canary Islands	-	3,974
Chile	-	2,169
China	-	10,512
Colombia	-	13,143
Ecuador	-	2,620
France	-	7,653
St. Pierre and Miquelon	-	13,716
Greece	-	1,741
Honduras	-	1,557
Italy	-	11,145
Japan	-	2,881
Mexico	-	5,566
Netherlands	-	2,208
Nicaragua	-	4,053
Norway	-	8,916
Peru	-	2,618
Russia	-	29,338
Sweden	-	4,245
Uruguay	-	3,146
Venezuela	-	14,580
Other Countries	-	7,306
Total	-	\$ 813,798

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.
SECTION I.- COTTON YARN AND CLOTH.

The Cotton Yarn and Cloth Industry included 33 establishments in 1930, a decrease of three from the previous year. Their value of production amounted to \$48,692,878 a reduction of \$29,548,887, from the figures of 1929 which amounted to \$78,241,765. This reduction is not as large as it might appear owing to the fact that in former years production figures for the oilcloth and linoleum industry were included with cotton yarn and cloth. For the year 1930, however, they are included in the figures for Miscellaneous Textiles, which are not included in this report, thereby causing a substantial reduction in production figures of cotton yarn and cloth.

In 1930 the capital investment amounted to \$78,542,804 in land, buildings, equipment, inventories and other assets and represented a decrease of \$16,999,515 from the figures of 1929 which were \$95,542,319. The total of all employees, salaried and otherwise was 16,999 in 1930 compared with 20,223 in 1929 showing a decrease of 3,224. Salaries and wages amounted to \$13,004,793, a decline of \$3,667,498 from the figures of 1929 which were \$16,672,291.

Cost of materials used in 1930 amounted to \$27,975,574. This was a decrease of \$15,158,001 from the total for 1929, when the figures were \$43,133,575. The value added by manufacture was \$20,717,304, a decrease of \$14,390,886 from the figures for 1929 which amounted to \$35,108,190.

Table 1.- Cotton Yarn and Cloth Industry: Principal Statistics, 1922-30.

--	Es- tab- lish- ments No.	Capital invested \$	Em- ploy- ees No.	Salaries and Wages \$	Cost of materials used \$	Gross value of products \$	Value added by manufacture \$
1922							
Canada	33	76,099,980	19,012	13,764,623	34,694,760	72,174,728	37,479,968
Maritimes	4	7,959,560	2,342	1,964,054	2,991,783	7,094,522	4,102,739
Quebec	16	51,556,973	12,252	8,369,537	25,145,367	51,646,981	26,501,614
Ontario	13	16,583,447	4,418	3,431,032	6,557,610	13,433,225	6,875,615
1923							
Canada	34	82,843,739	19,243	14,100,523	43,155,326	79,333,985	36,178,659
Maritimes	5	7,828,866	2,306	1,825,302	3,676,160	7,002,457	3,326,297
Quebec	16	58,750,952	12,898	8,713,906	31,268,759	57,201,805	25,933,046
Ontario	13	16,263,921	4,339	3,561,315	8,210,407	15,129,723	6,919,316
1924							
Canada	35	82,752,025	18,380	12,264,523	43,274,245	69,984,875	26,710,630
Maritimes	5	6,876,404	2,221	1,623,677	3,543,107	6,022,383	2,479,276
Quebec	16	60,182,652	12,176	7,757,765	32,364,301	51,618,770	19,254,469
Ontario	14	15,692,969	3,983	2,883,081	7,366,837	12,343,722	4,976,885
1925							
Canada	37	83,610,686	20,497	14,285,586	44,793,622	72,781,517	27,987,895
Maritimes	5	7,591,676	2,363	1,916,896	3,785,370	6,933,570	3,148,200
Quebec	16	59,361,372	13,796	8,915,119	32,694,774	51,126,834	18,432,060
Ontario	16	16,657,638	4,338	3,453,571	8,313,478	14,721,113	6,407,635
1926							
Canada	38	83,439,179	20,323	15,229,006	44,265,529	76,274,257	32,008,728
Maritimes	5	7,620,051	2,302	1,761,188	2,989,442	6,351,722	3,362,280
Quebec	17	58,548,343	13,444	9,809,361	34,280,232	56,166,402	21,886,170
Ontario	16	17,270,785	4,577	3,658,457	6,995,855	13,756,133	6,760,278
1927							
Canada	39	84,927,745	21,383	17,146,927	39,297,188	75,818,876	36,521,688
Maritimes	5	7,739,688	2,295	1,786,409	2,616,108	6,018,435	3,402,327
Quebec	17	58,511,702	14,221	11,197,832	29,051,358	55,096,042	26,044,684
Ontario	17	18,676,355	4,867	4,162,686	7,629,722	14,704,399	7,074,677
1928							
Canada	38	90,960,011	21,615	17,688,791	44,704,779	79,219,582	34,514,803
Maritimes	5	7,644,813	2,051	1,633,808	3,133,660	5,638,846	2,505,186
Quebec	17	63,828,483	14,435	11,645,259	32,251,365	56,545,069	24,293,704
Ontario	16	19,486,715	5,129	4,409,724	9,319,754	17,035,667	7,715,913
1929							
Canada	36	95,542,319	20,223	16,672,291	43,133,575	78,241,765	35,108,190
Maritimes	5	8,587,927	1,942	1,556,409	2,744,652	5,090,833	2,346,181
Quebec	17	65,026,747	13,688	11,214,572	32,787,887	59,147,128	26,359,241
Ontario	14	21,927,645	4,593	3,901,310	7,601,036	14,003,804	6,402,768
1930 x							
Canada	33	78,542,804	16,999	13,004,793	27,975,574	48,692,878	20,717,304
Maritimes	5	6,563,468	1,568	1,137,465	1,703,782	3,184,745	1,480,963
Quebec	14	53,871,463	11,195	8,475,201	20,400,009	34,321,573	13,921,564
Ontario	14	18,107,873	4,236	3,392,127	5,871,783	11,186,580	5,314,777

* Does not include figures for oilcloths and linoleums, which previous to 1930 were included with cotton yarn and cloth.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 -Con.

Size of Establishments.

In view of the tendency towards concentration in industrial enterprise, a series of tables has been prepared presenting in a three-fold way the size of establishments in the cotton yarn and cloth industry measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed. The tables when compared for a term of years serve to indicate the movement of capital, production and employment within the industry.

In 1930 the number of establishments reporting was 33 with a total capital investment of \$78,542,804 a gross value of production of \$48,692,878 and a total employment of 16,999. In capital investment 26 establishments had a capital investment of \$76,208,735 or 97 per cent of the total investment and an average investment per establishment of \$2,931,105. In gross value of production 25 establishments had a total of \$46,756,902 or 96 per cent of the total value of production and an average output per establishment of \$1,870,276. In employment 23 establishments had a combined payroll of 15,906 or 93.58 per cent of the total employment, and an average of 691 per establishment.

Table 2.- Size of establishments measured by (a) capital investment, (b) gross value of production and (c) employment for 1929 and 1930.

Establishments having a capital investment of	1929			1930		
	Estab-lish-ments	Total Capital	Average Capital per estab-lishment	Estab-lish-ments	Total Capital	Average Capital per estab-lishment
Under \$50,000	No. 1	\$ 21,781	\$ 21,781	No. 1	\$ 12,400	\$ 12,400
\$50,000 to under \$100,000	-	-	-	-	-	-
\$100,000 to under \$200,000	-	-	-	-	-	-
\$200,000 to under \$500,000	5	1,780,479	356,096	6	2,321,669	386,945
\$500,000 to under \$1,000,000	4	2,668,301	667,075	3	2,536,382	845,461
\$1,000,000 and over	26	91,071,758	3,502,760	23	73,672,353	3,203,146
Total	36	95,542,319	2,653,953	33	78,542,804	2,380,085
Establishments having a gross value of production of	1929			1930		
	Estab-lish-ments	Total gross Value of production	Average gross value per estab-lishment	Estab-lish-ments	Total gross Value of production	Average gross value per estab-lishment
Under \$50,000	No. 1	\$ 26,945	\$ 26,945	No. 1	\$ 10,905	\$ 10,905
\$50,000 to under \$100,000	-	-	-	-	-	-
\$100,000 to under \$200,000	2	312,350	156,175	1	125,327	125,327
\$200,000 to under \$500,000	4	1,657,431	414,358	6	1,799,744	299,957
\$500,000 to under \$1,000,000	4	2,637,426	659,357	6	4,959,313	826,552
\$1,000,000 and over	25	73,607,613	2,944,304	19	41,797,589	2,199,873
Total	36	78,241,765	2,173,383	33	48,692,878	1,475,542
	1929			1930		
	Estab-lish-ments	Total Employees	Average employees per estab-lishment	Estab-lish-ments	Total Employees	Average employees per estab-lishment
Less than 20 persons	No. 1	No. 8	No. 8.00	No. 1	No. 6	No. 6
20 but under 50	-	-	-	-	-	-
50 but under 100	3	226	75.34	2	142	71.
100 but under 200	6	804	134.00	7	945	135.
200 but under 500	10	3,430	343.00	10	3,678	367.8
500 and over	16	15,755	984.69	13	12,228	940.6
Total	36	20,223	561.70	33	16,999	515.1

Production Statistics, 1930.

Production in 1930 by quantity and value for the main items of production in the cotton yarn and cloth section of the industry, are compared with 1929 in the summary which follows:-

Table 3.- Principle Products of the Cotton Yarn and Cloth Industry.

Items		1929		1930	
		Quantity	Value	Quantity	Value
Cotton fabrics bleached or white	Yds.	83,400,967	12,302,184	66,638,785	8,157,920
Cotton fabrics unbleached or grey	"	90,987,851	12,072,844	92,968,688	9,996,447
Cotton fabrics, printed, dyed and coloured	"	83,845,889	17,865,174	78,952,558	15,136,088
Yarns, grey	Lb.	24,590,927	10,044,910	14,312,436	5,046,452
Total			52,285,112		38,336,907

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930.-Con.

SECTION I. COTTON YARNS AND CLOTH

Production Statistics

Production by classes, quantity and value are shown in Table 4. for the calendar year 1930. The output of Quebec cotton mills shows a decrease in value of \$24,825,555 when compared with the output in 1929, Ontario shows a decreased value of output of \$2,817,244 whilst the Maritime Provinces (New Brunswick and Nova Scotia) also show a decreased value of \$1,906,088.

Table 4. Production by Provinces, 1930.

			CANADA		QUEBEC		ONTARIO		MARITIME PROVINCES	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Yarn, grey	Lb.		14,312,436	5,048,452	10,701,024	3,764,957	3,231,599	1,049,610	379,813	231,885
Yarn, bleached and dyed	Lb.		3,188,258	1,269,898	1,168,531	450,592	1,985,797	731,976	33,930	87,330
Cotton fabrics, bleached or white	Yd.		66,638,785	8,157,920	59,851,285	7,416,975	6,787,500	740,945	-	-
Cotton fabrics, unbleached or grey	Yd.		92,968,688	9,996,447	81,314,807	8,624,434	11,653,881	1,372,013	-	-
Cotton fabrics, printed, dyed, etc. -	Yd.		49,593,457	7,857,791	42,495,928	6,696,739	5,823,174	988,190	1,274,355	172,862
Prints and shirtings	Yd.		6,459,477	995,746	-	-	5,096,713	766,535	1,362,764	229,211
Denims	Yd.		4,616,919	2,015,494	594,350	259,137	1,645,642	769,402	2,376,927	986,955
Ducks and drills	Yd.		8,486,359	1,747,390	2,662	965	3,375,383	1,115,451	5,108,314	630,974
Flannelettes 1/	Yd.		1,435,886	201,208	-	-	-	-	1,435,886	201,208
Ginghams	Yd.		2,079,643	692,731	1,297,800	349,883	-	-	781,843	342,848
Artificial silk and cotton mixture	Yd.		470,980	79,657	470,980	79,657	-	-	-	-
Linings	Yd.		634,453	119,431	-	-	634,453	119,431	-	-
Tickings	Yd.		258,890	31,973	258,890	31,973	-	-	-	-
Mattress cloths	Yd.		135,965	77,980	135,965	77,980	-	-	-	-
Cashmerette	Yd.		25,467	7,257	25,467	7,257	-	-	-	-
Whip cords	Yd.		47,447	20,347	-	-	47,447	20,347	-	-
Auto and bedspread cloths	Yd.		4,707,615	1,289,083	1,740,300	339,358	2,456,064	792,128	511,251	157,597
Other miscellaneous, not specified	Dozen		204,812	524,734	75,988	121,651	128,824	403,083	-	-
Towels	Yd.		566,148	49,716	557,534	47,821	8,614	1,895	-	-
Towelling	Dozen		196,034	98,553	-	-	196,034	98,553	-	-
Face cloths bibs, etc.	Yd.		750,020	147,482	-	-	344,157	71,653	405,863	75,829
Cottonades	Yd.		913,906	66,543	913,906	66,543	-	-	-	-
Cheesecloth	No.		43,437	111,377	1,215	5,822	42,222	105,555	-	-
Bedspreads, cotton	No.		92,000	227,166	-	-	92,000	227,166	-	-
Bedspreads, cotton and artificial silk	No.		159,998	201,320	159,998	201,320	-	-	-	-
Quilts	No.		518,950	427,995	498,950	415,007	20,000	12,988	-	-
Blankets	No.		22,915	20,773	5,827	1,976	17,088	18,797	-	-
Covers, couch, bureau and table	Yd.		45,000	48,733	-	-	45,000	48,733	-	-
Draperies	Yd.		525,669	335,965	485,692	307,981	39,977	27,984	-	-
Tapestries	Dozen		11,627	6,976	-	-	11,627	6,976	-	-
Dish cloths	Pd.		10,798,216	4,045,284	10,798,216	4,045,284	-	-	-	-
Tire fabrics	Pd.		3,359,780	1,260,031	1,791,487	719,442	1,492,230	517,694	76,063	22,895
Twine and cordage 1/	Pd.		682,030	918,025	45,575	33,494	636,455	884,531	-	-
Elastic webbing and other 1/	Dozen		1,330	31,920	-	-	1,330	31,920	-	-
Hammocks	Pd.		11,060,749	429,089	6,248,364	253,523	3,704,123	130,415	1,108,262	45,151
Cotton waste 1/			-	9,206	-	1,802	-	7,404	-	-
All other products			-	90,468	-	-	-	90,468	-	-
Custom spinning and weaving			-	34,717	-	-	-	34,717	-	-
Custom dyeing and bleaching			-	-	-	-	-	-	-	-
TOTAL			-	48,692,878	-	34,321,573	-	11,186,560	-	3,184,745

1/ Data here given does not necessarily represent the total Canadian production of these commodities since they are also produced in other industries.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, SECTION I. COTTON YARN AND CLOTH.

Materials Used, 1930.

The quantity and cost value of materials used in the mills or factories producing cotton yarn and cloth, is shown in Table 5 for Canada and the provinces. There was a decrease in the total cost of materials as compared with 1929 of \$15,158,001.

Table 5. - Materials used by provinces, 1930.

Materials		CANADA		QUEBEC		ONTARIO		MARITIME PROVINCES	
		Quantity	Cost Value	Quantity	Cost Value	Quantity	Cost Value	Quantity	Cost Value
Cotton, raw	lbs.	96,982,551	15,988,223	68,396,644	11,525,621	21,664,467	3,322,034	6,921,440	1,140,568
Wool, raw	bales	9	1,000	-	-	9	1,000	-	-
Cotton, not made in establishment:									
Grey	ayds.	1,232,500	98,606	1,232,500	98,606	-	-	-	-
Dyed, bleached or other treated	"	51,026,207	5,127,401	51,026,207	5,127,401	-	-	-	-
Yarns not made in the establishment:									
Cotton	lbs.	3,602,848	1,151,860	474,596	146,408	3,107,952	996,332	20,300	9,120
Jute	"	25,245	3,523	-	-	25,245	3,523	-	-
Artificial silk	"	768,209	782,485	461,087	501,371	141,131	91,945	165,991	189,169
Thread, cotton	"	3,956	6,331	3,752	6,004	204	327	-	-
Thread, rubber	"	113,089	102,608	-	-	113,089	102,608	-	-
Cotton waste, not made in the establishment	"	6,940,590	648,841	2,377,029	205,488	4,347,106	423,306	216,455	20,047
Vistra	bales	189	23,547	-	-	-	-	189	23,547
Wool and wool waste	lbs.	69,153	20,891	69,153	20,891	-	-	-	-
Starch	"	5,046,988	233,370	3,703,419	166,870	1,080,479	53,346	263,090	13,154
Chemicals and dyestuffs	-	-	1,429,991	-	1,151,332	-	216,616	-	62,043
All other materials (not specified)	-	-	2,356,897	-	1,450,017	-	660,746	-	246,134
Total	-	-	27,975,574	-	20,400,009	-	5,871,783	-	1,703,782

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THE COTTON TEXTILE INDUSTRY IN CANADA, 1930-Con.
SECTION I. COTTON YARN AND CLOTH

Capital Investment

The amount of capital invested in the cotton yarn and cloth section is shown by provinces in Table 6. Fixed capital including land, buildings, machinery and tools decreased from \$58,728,799 in 1929 to \$54,051,002 in 1930 a decrease of 7.97 per cent. Working capital which comprises materials on hand, finished products on hand, stocks in process, fuel and miscellaneous supplies, cash, trading and operating accounts, etc., decreased from \$36,813,520 in 1929 to \$24,491,802 in 1930 or about 33.47 per cent. Fixed capital investment in the cotton mill industry which in 1920 constituted 55.5 per cent of the total of capital had in eleven years ending 1930 increased to 68.82 per cent with a corresponding decrease of working capital from 44.5 per cent in 1929 to 31.18 per cent in 1930. The distribution of capital by provinces in 1930 shows Quebec with 68.59 per cent, Ontario 23.05 per cent and the Maritime Provinces 8.36 per cent.

Table 6.- Capital Invested in the cotton yarn and cloth section, 1930.

Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, machinery and tools	Materials and stocks on hand, fuel and miscellaneous supplies	Cash trading and operating accounts, etc.	
Quebec	\$ 38,184,765	\$ 9,111,802	\$ 6,574,896	\$ 53,871,463
Ontario	11,091,413	3,075,665	3,940,795	18,107,873
Maritime Provinces	4,774,824	1,139,325	649,319	6,563,468
Canada Total	54,051,002	13,326,792	11,165,010	78,542,804

Employment Statistics

Table 7 shows the number of persons employed according to sex and salary or wage payments for the Dominion and the provinces. Compared with 1929 there was a decrease in the total number of persons employed of 3,224 and a decrease of \$3,667,498 in the payments for salaries and wages. The average salary irrespective of age or sex rose from \$2,365 in 1927 to \$2,429 in 1928 but dropped to \$2,320 in 1929 and to \$2,191 in 1930. The average wage paid increased from \$755 in 1927 to \$762 in 1928 and \$771 in 1929. It dropped however, to \$721 in 1930.

Table 7.- Employees by sex, remuneration and provinces, 1930.

Provinces	Salaried Employees			Wage-earners			Total Employees		
	Male No.	Female No.	Salaries \$	Male No.	Female No.	Wages \$	Male No.	Female No.	Salaries and Wages Paid \$
CANADA	412	95	1,110,927	9,479	7,013	11,893,866	9,891	7,108	13,004,793
Quebec	288	43	679,210	6,443	4,421	7,795,991	6,731	4,464	8,475,201
Ontario	90	43	331,715	2,180	1,923	3,060,412	2,270	1,966	3,392,127
Maritime Provinces	34	9	100,002	856	669	1,037,463	890	678	1,137,465

Table 8 gives statistics of employment for each month of the year by number and sex. The month of maximum employment in 1930 was April when 10,096 males and 7,482 females were entered on the payroll whilst the month of minimum employment was September when there were 8,781 males and 6,456 females on the payrolls. The average monthly employment for the year was 9,479 males and 7,013 females or a total of 16,492. The average employment by months in the tables of this report is the sum of the averages of individual plants based on the number of months in actual operation and not the averages for the calendar year.

Table 8. Employment by months, 1930

	Male No.	Female No.	Months	Male No.	Female No.
January	9,808	7,323	July	9,035	6,668
February	9,773	7,103	August	8,869	6,547
March	9,651	7,091	September	8,781	6,456
April	10,096	7,482	October	9,215	6,886
May	9,881	7,404	November	9,626	7,076
June	9,374	6,975	December	9,641	7,154
Total employment by months				113,750	84,165
Average monthly employment				9,479	7,013

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930-Con.

SECTION I. COTTON YARN AND CLOTH-Con.

Power Installation

The classes of power employed in the industry in the Dominion during 1930 are presented in Table 9, by the number of units in each class and the horse power capacity according to manufacturer's rating. The increase in electric power over 1929 consisted of 1,053 motors with an increased horse power capacity of 4,052. The cost of electricity purchased during the year was \$960,853 or \$21.99 per h.p. The number of boilers installed was 125 with a horse power capacity of 23,079.

Table 9. Power installed, 1930.

Classes of Power	Number of units	H.P. according to Manufacturers' rating
Steam engines and turbines	30	9,162
Hydraulic turbines or water wheels	46	23,900
Electric motors operated by purchased power	2,401	43,684
Total power used in manufacturing	2,477	76,746
Electric motors operated by power generated by the establishments	2,583	22,331
Total electric motors	4,984	66,015

Fuel Consumption

The quantity and cost value delivered at the factory or mill of the various classes of fuel used by the industry during 1930 is shown in Table 10. There was a decrease in the cost of fuel used amounting to \$260,605, as compared with 1930. Bituminous coal continues to be the principal fuel representing 96.9 per cent of the total cost of all fuel.

Table 10. Fuel consumption, 1930.

Kinds of fuel	Unit of measure	Quantity	Value
Bituminous coal	short ton	111,959	644,472
Anthracite coal	"	329	2,301
Coke	"	2,892	8,602
Gasoline	gallon	32,755	8,076
Kerosene or coal oil	"	500	105
Fuel oils	"	12,673	992
Gas, artificial and natural	m.c. ft.	1,571	1,604
Total Cost of Fuel	-	-	666,152

Imports and Exports: See tables 3 and 4 pages 4 to 15 inclusive.

Table 11. Equipment.

Kind	Mule No.	Frame No.	N.S. No.
Sets of cards	45	3,474	298
Spindles:			
Winding	-	-	149
Twisting and doubling	2,180	116,544	2,884
Reeling	-	-	120
Spindles in operation during year	1118,820	817,865	21,095
Spindles idle during year	24,070	219,527	23,245
Looms:			No.
Less than 28 inches wide			210
From 28 to 32 inches wide			1,043
From 32 to 36 inches wide			2,686
More than 36 inches wide			20,356
Jacquard			114
Reweaving			2
Braiders			908
All other machinery			12
Dye Houses			12

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 -Con.

SECTION II. COTTON THREAD

The cotton thread industry included seven establishments in 1930, one more than in the previous year. The value of production amounted to \$3,816,868 in 1930 which was a decrease of \$504,716 from the figures for 1929 which amounted to \$4,321,584.

The capital investment amounted to \$4,214,075 in land, buildings, equipment, inventories and other assets, and represented an increase of \$23,945 over the 1929 investment which amounted to \$4,190,130. Employees, salaried and other, numbered 696 in 1930 against 780 in 1929, a decrease of 84. Salaries and wages paid in 1930, totalled \$638,915 or \$50,224 less than the amount paid in 1929, which was \$689,239.

The cost of materials used in 1930 amounted to \$1,577,661. This was a decrease of \$448,294 from the cost for 1929 when the figures were \$2,025,955. The value added by manufacture was somewhat lower, having dropped from \$2,295,629 in 1929 to \$2,239,207 in 1930, a decrease of \$56,422.

Table 1.--Cotton Thread Industry: Principal Statistics, 1922-1930.

Year	Es- tablish- ments	Capital invested	Em- ploy- ees	Salaries and Wages	Cost of materials used	Gross value of products	Value added by manufacture
	No.	\$	No.	\$	\$	\$	\$
1922.....	4	2,930,711	713	640,043	1,938,264	4,228,462	2,290,198
1923.....	5	4,015,023	750	657,709	2,233,810	4,486,339	2,252,529
1924.....	5	4,496,274	717	674,805	1,867,976	3,654,784	1,686,808
1925.....	5	4,596,366	703	660,527	2,036,552	3,921,862	1,885,310
1926.....	5	4,154,658	774	683,358	2,360,350	4,538,217	2,177,867
1927.....	5	4,279,408	773	717,872	2,094,749	4,640,536	2,545,787
1928.....	5	4,357,721	752	688,355	1,969,340	4,464,981	2,495,641
1929.....	6	4,190,130	780	689,239	2,025,955	4,321,584	2,295,629
1930.....	7	4,214,075	696	638,915	1,577,661	3,816,868	2,239,207

Production, 1930.

The quantity and selling value of the products of the cotton thread industry are given in Table 2 of this report. There is a decrease amounting to \$504,716 in comparison with the 1929 value of output. Cotton thread sold by weight increased in value from \$420,855 in 1929 to \$1,316,254 in 1930. The value of spool cotton decreased from \$3,885,455 in 1929 to \$2,470,699 in 1930.

Table 2. Products of the cotton thread industry, 1930.

	Unit of measure	Quantity	Selling Value
Thread	Pounds	806,359	\$1,316,254
"	Gross	286,368	2,470,699
Cotton waste sold	Pounds	10,010	526
Braids and ends	Gross	1,559	4,678
Empty spools	Value	-	8,641
Custom dyeing and bleaching	"	-	16,070
Total Products		-	3,816,868

Materials Used

The total cost of all materials used in the industry fell from \$2,025,955 in 1929 to \$1,577,661 in 1930, a decrease of \$448,294 or 28.4 per cent. Table 3 presents the statistics of materials used in 1930 by quantity and cost value at the factory.

Table 3.- Cost of materials used, 1930.

Materials used	Unit of measure	Quantity	Cost Value
Cotton yarns, etc.	pounds	1,630,524	1,328,475
Silk, artificial	"	710	1,136
Starch	"	-	4,708
Chemicals and dyestuffs	"	-	42,110
Spool wood	sq. feet	648,049	40,535
All other materials	"	-	160,697
Total		-	1,577,661

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

SECTION II. COTTON THREAD

Size of Establishments

In view of the tendency toward concentration in industrial enterprise, a series of tables has been prepared presenting in a three-fold way the size of establishments in the cotton thread industry measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed. The tables when compared for a number of years serve to indicate the movement of capital, production and employment within the industry.

In 1930 the number of establishments reporting was 7 with a total capital investment of \$4,214,075 a gross value of production of \$3,816,868 and a total employment of 696. In capital investment the seven establishments had an average investment per establishment of \$602,011. In gross value of production the seven establishments had an average output per establishment of \$545,267. In employment the same establishments had an average per establishment of 99 employees.

Table 4. - Size of establishments in the Cotton thread industry, by groups, 1929 and 1930.

Establishments having a capital investment of	1929			1930		
	Estab-lish-ments	Total Capital	Average Capital per estab-lishment	Estab-lish-ments	Total Capital	Average Capital per estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	1	6,215	6,215	1	5,776	5,776
\$50,000 to under \$100,000	1	68,618	68,618	2	119,742	59,871
\$100,000 to under \$200,000	-	-	-	-	-	-
\$200,000 to under \$500,000	1	421,120	421,120	2	931,557	465,778
\$500,000 to under \$1,000,000	2	1,128,013	564,007	1	620,884	620,884
\$1,000,000 and over	1	2,566,164	2,566,164	1	2,536,116	2,536,116
Total	6	4,190,130	698,355	7	4,214,075	602,011
Establishments having a gross value of production of	Estab-lish-ments	Total gross Value of production	Average gross value per estab-lishment	Estab-lish-ments	Total gross Value of production	Average gross value per estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	1	4,931	4,931	2	48,454	24,227
\$50,000 to under \$100,000	-	-	-	-	-	-
\$100,000 to under \$200,000	-	-	-	-	-	-
\$200,000 to under \$500,000	3	1,264,073	421,358	3	1,059,299	353,099
\$500,000 to under \$1,000,000	1	670,384	670,384	1	542,404	542,404
\$1,000,000 and over	1	2,382,196	2,382,196	1	2,166,711	2,166,711
Total	6	4,321,584	720,264	7	3,816,868	545,267
Establishments employing	Estab-lish-ments	Total Em- ployees	Average employees per estab-lishment	Estab-lish-ments	Total Em- ployees	Average employees per estab-lishment
	No.	No.	No.	No.	No.	No.
Less than 20 persons	1	1	1	2	21	10
20 but under 50	-	-	-	-	-	-
50 but under 100	3	228	76	4	290	73
100 but under 200	1	113	113	-	-	-
200 but under 500	1	438	438	1	385	385
500 and over	-	-	-	-	-	-
Total	6	780	130	7	696	99

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

SECTION II. COTTON THREAD

Capital Investment

The amount of capital invested in the cotton thread industry is shown in Table 5 under two heads (a) fixed capital, represented by land, buildings, machinery and tools and (b) working capital comprising materials and stocks on hand, fuel and miscellaneous supplies on hand and cash, trading and operating accounts, etc. Capital investment increased during 1930 by \$23,945. Of this amount, fixed capital shows an increase of \$44,426, whilst working capital decreased by \$20,481.

Table 5. Capital invested, 1930.

	Fixed Capital		Working Capital	Total Capital Investment
	Land, buildings, machinery and tools	Materials and stocks on hand, fuel and miscellaneous supplies, etc.	Cash, trading and operating accounts, etc.	
CANADA	\$ 1,733,783	\$ 1,478,505	\$ 1,001,787	\$ 4,214,075

The number of persons employed on salaries and wages according to sex, are presented in table 6 for the calendar years 1929 and 1930. There was a decrease in total employment of 84 and also in the amount paid for salaries and wages of \$50,324. The average annual salary, regardless of sex, fell from \$2,008 in 1928 to \$1,919 in 1929, and increased to \$1,987 in 1930. The average wage paid was \$761 in 1928, \$728 in 1929 and \$761 in 1930.

Table 6. Employees, Salaries and Wages, 1929 and 1930.

Classes of Employees		1929	1930
Salaried employees, total -			
Male	No.	73	60
Female	No.	29	29
Total salaries	\$	195,720	\$ 176,820
Employees on wages, average number -			
Male	No.	190	177
Female	No.	488	430
Total wages	\$	493,519	\$ 462,095
Total Employees -			
Male	No.	263	237
Female	No.	517	459
Salaries and wages	\$	689,239	\$ 638,915

Employment by months:- Table 7 gives the statistics of employees by number and sex as on the 15th of each month or nearest representative date. Employment was at the maximum in the month of February and at the minimum in the month of December, the average employment throughout the year being 177 males and 430 females.

The average employment by months in the tables of this report is the sum of the average of individual plants, based on the number of months in actual operation and not the average for the calendar year.

Table 7. Employment by months, 1930.

Month	Male No.	Female No.	Month	Male No.	Female No.
January	179	440	July	176	426
February	179	444	August	174	420
March	179	441	September	175	419
April	178	434	October	181	432
May	179	430	November	175	427
June	176	429	December	174	405
Total employment by months				2,125	5,147
Average employment during year				177	430

THE COTTON TEXTILE INDUSTRY IN CANADA,

1930, Con.

SECTION II. COTTON THREAD

Power Installation

Power installation in the cotton thread industry is shown in table 8, by classes, number of units in each class and the horse power capacity according to manufacturers' rating. The cost of electricity purchased during the year was \$31,976 which is equivalent to \$16.10 per h.p. for the horse power purchased.

The number of boilers installed for all purposes was 6 with an estimated horse power capacity of 790.

Table 8. Power installation, 1930.

Classes of power	Number of units	Horse power according to manufacturers' rating
Steam engines and turbines	-	-
Electric motors operated by purchased power	318	1,987
Total power for manufacturing purposes	318	1,987

Fuel Consumption.

The quantity and cost value delivered at the factory or works of all fuel consumed during the year is shown by classes in Table 9. The cost of fuel fell from \$28,967 in 1929 to \$25,403 in 1930.

Table 9. - Fuel consumption, 1930.

Classes of fuel	Unit of measure	Quantity	Cost Value
Bituminous coal, all grades	ton	1,561	\$ 16,343
Anthracite coal, all grades	"	12	74
Lignite coal	"	101	798
All other fuel	-	-	8,188
Total cost of fuel	-	-	25,403

Imports and exports: See tables 3 and 4, pages 4 to 15, inclusive.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

SECTION III. BATTING AND WADDING

The batting and wadding industry included eight establishments in 1930, the same number that were in operation in 1929. Their value of production amounted to \$2,934,695 in 1930 which was an increase of \$222,840 over the figures for 1929, which amounted to \$2,711,855.

The capital investment amounted to \$2,665,952 in land, buildings, equipment, inventories and other assets. This was a decrease of \$99,698. Under the figures for 1929 which amounted to \$2,765,650. All employees, salaried and other totalled 270 or 35 less than in 1929, while the amounts paid in salaries and wages were \$347,126 in 1930 and \$418,265 in 1929, a decrease of \$71,139 in 1930.

The cost of materials used in 1930 amounted to \$1,447,880 or a decrease of \$175,408 from the 1929 figures of \$1,623,288 while the value added by manufacture amounted to \$1,486,815 or an increase of \$398,248 over the figures for 1929.

Table I. - Principal Statistics of the Batting and Wadding Industry,
1922- 1930.

Year	Es- tab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of materials	Value of Products	Value added by manu- facture
	No.	\$	No.	\$	\$	\$	\$
1922	4	1,226,006	159	193,573	638,301	1,158,338	520,037
1923	4	1,182,055	175	225,997	818,828	1,385,648	566,820
1924	6	1,739,529	237	279,772	1,033,748	1,595,149	561,401
1925	7	2,104,062	259	265,128	1,024,459	1,771,676	747,217
1926	8	2,461,898	320	358,662	1,218,331	2,404,251	1,185,920
1927	8	2,885,031	349	421,558	1,522,462	3,095,304	1,572,842
1928	8	2,822,676	311	427,201	1,734,335	3,197,649	1,463,314
1929	8	2,765,650	305	418,265	1,623,288	2,711,855	1,088,567
1930	8,	2,665,952	270	347,126	1,447,880	2,934,695	1,486,815

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

SECTION III. COTTON BATTING AND WADDING

Size of Establishments

In view of the tendency toward concentration in industrial enterprises a series of tables has been prepared presenting in a three-fold way the size of establishments in the Cotton Batting and Wadding industry measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed. The tables when compared for a number of years serve to indicate the movement of capital, production and employment within the industry.

In 1930 the number of establishments reporting was eight with a total capital investment of \$2,665,952 a gross value of production of \$2,934,695 and a total employment of 270. In capital investment five establishments had a capital investment of \$2,501,687 or 94 per cent of the total investment and an average investment per establishment of \$500,337. In gross value of production 5 establishments had a total of \$2,885,993 or 98.3 per cent of the total value of production and an average output per establishment of \$577,199. In employment 5 establishments had a combined payroll of 252 or 92.6 per cent of the total employment, and an average employment per establishment of 50.

Table 2. - Size of establishments in the Cotton Batting and Wadding Industry by groups, 1929 and 1930.

Measured by Capital investment	1929			1930		
	Estab-lish-ments	Capital invest-ment	Average Capital per estab-lishment	Estab-lish-ments	Capital invest-ment	Average Capital per estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$100,000	3	166,074	55,358	3	164,265	54,755
\$100,000 to under \$500,000	3	897,633	299,211	3	713,397	237,799
\$500,000 and over	2	1,701,943	850,972	2	1,788,290	894,145
Total	8	2,765,650	345,706	8	2,665,952	333,244
Measured by gross value of production	Estab-lish-ments	Gross value of production	Average output per estab-lishment	Estab-lish-ments	Gross value of production	Average output per estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$100,000	3	78,438	26,146	3	48,702	16,234
\$200,000 to under \$500,000	4	1,671,723	417,931	3	980,422	326,807
Over \$500,000	1	961,694	961,694	2	1,905,571	952,785
Total	8	2,711,855	338,982	8	2,934,695	366,837
Measured by employment	Estab-lish-ments	Total Employ-ees	Average employees per estab-lishment	Estab-lish-ments	Total Employ-ees	Average Employees per estab-lishment
	No.	No.	No.	No.	No.	No.
Under 20 employees	3	23	8	3	18	6
20 to under 50	3	125	42	4	151	38
50 and over	2	157	78	1	101	101
Total	8	305	38	8	270	34

SECTION III. COTTON BATTING AND WADDING

Statistics of the Batting and Wadding industry in Canada are presented in Section III of this report comprising the operations of 8 individual firms, 3 of which are situated in the province of Quebec and 5 in Ontario. To prevent disclosure of statistics relating to individual firms, certain items of production have been grouped under the head of "all other products". The value of production rose from \$1,771,676 in 1925 to \$2,404,251 in 1926 and \$3,095,304 in 1927 and to \$3,197,649 in 1928 but fell to \$2,711,855 in 1929. In 1930 however, it rose to \$2,934,695, an increase of \$227,840 over the figures for 1929.

Table 3. - Products of the Cotton Batting and Wadding Industry, 1930.

Kind	Unit of Measure	Quantity	Value
Cotton batts, batting and wadding 1/ (Including absorbent cotton, etc.)	lbs.	5,777,121	718,396
Hospital supplies 2/ (value only)	-	-	1,852,369
All other products 3/ " "	-	-	363,930
Total value of products	-	-	2,934,695

- 1/ Includes batting, wadding, auto batts and pads, absorbent cotton, flock and cotton wastes, jute and jute paddings, felt and felt paddings.
- 2/ Includes absorbent gauzes, medicated and other plasters, sanitary towels, surgical bandages, pads and dressings, and other hospital supplies.
- 3/ Includes talcum powder, liquid soaps and disinfectant, dental supplies, first aid cases, fumigators, tooth brushes, etc.

Materials Used.

The total cost of materials used in the industry during 1930, whether in raw or partly manufactured condition, was \$1,447,880, whilst in 1929 it had totalled \$1,623,288. Table 4 shows the principal materials used during 1930 by quantity and cost value at the factory, when available.

Table 4. Cost of materials used, 1930.

Principal Materials Used		Quantity	Cost Value
Cotton, raw	lbs.	521,207	65,188
Cotton, absorbent	"	86,268	41,850
Cotton linters	"	326,439	12,886
Cotton linters, waste, etc.	"	1,065,364	53,268
Cellucotton	"	92,266	17,302
Cellulose	"	1,620	414
Cellucotton absorbant wadding	"	1,056,800	137,385
Rag stock	"	2,243,600	40,385
Cotton mill waste	"	60,802	3,648
Slubbing	"	29,779	5,964
Sulphite pulp	"	213,798	17,211
Burlap	yds.	248,473	13,819
Gauze, all kinds	"	15,865,544	415,684
Partly manufactured plaster	-	-	75,981
Partly manufactured supporters	Doz.	2,658	38,294
Medicated plasters	Gr.	1,801	11,459
Adhesive	yds.	77,487	31,054
Empty powder tins	No.	1,001,808	30,214
Plaster spools, tins and cans	-	-	19,737
Italian Talcum	lbs.	24,002	6,480
Essential oils	"	450	4,270
Medicated soap	Gross	486	4,025
Tooth brushes	"	-	19,863
Bleaching supplies	-	-	9,025
All other materials	-	-	231,361
Packing and shipping materials	-	-	141,113
Total	-	-	1,447,880

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

SECTION III. BATTING AND WADDING

Capital Investment

The amount of capital invested in this section of the cotton textile industry is shown in Table 5 for the provinces and the Dominion under two heads:- fixed capital, comprising land, buildings, machinery and tools and working capital, comprising materials and supplies on hand, finished products, fuel, cash, trading and operating accounts, etc. There was a decrease in total investment of \$99,698 or 3.6 per cent; in working capital of \$199,400 or 11.94 per cent, whilst in fixed capital there was an increase of \$99,702 or 9.09 per cent.

Table 5. Capital investment, 1930.

Provinces	Fixed Capital	Working Capital		Total Capital
		Materials and stocks on hand, fuel, etc.	Cash, trading and operating accounts, etc.	
Quebec	\$ 648,331	\$ 460,013	\$ 551,580	\$ 1,859,924
Ontario	347,134	209,001	249,893	806,028
CANADA, Total	1,195,465	669,014	801,473	2,665,952

Employees, Salaries and Wages

The number of persons employed is shown by classes, sex and remuneration in Table 6. The total number at employment was 270 and the total salary and wage bill amounted to \$347,126. The number of employees decreased by 35 or nearly 12 per cent, whilst salaries and wages decreased by \$71,139 or over 17 per cent.

Table 6. - Employment by sex and remuneration, 1930.

Classes of employees	Employees by Number		Salaries and Wages
	Male	Female	
Salaried employees	33	23	\$ 141,541
Employees on wages (average number)	119	95	205,585
Total	152	118	347,126

Statistics of employment by months are presented in Table 7 for persons employed on wages. The month of highest employment was February, whilst that of lowest employment was the month of December, the average monthly employment throughout the year being 214 of whom 119 were males and 95 females. The average employment by months in the tables of this report is the sum of the averages of individual plants, based on the number of months in actual operation and not on the average for the calendar year.

Table 7. Employees by Months, 1930.

Month	Male No.	Female No.	Month	Male No.	Female No.
January	123	95	July	118	92
February	133	95	August	114	95
March	130	96	September	114	94
April	123	94	October	108	98
May	116	92	November	113	93
June	120	96	December	110	86
Total employment by months				1,422	1,126
Average monthly employment during year				119	95

Fuel Consumption

The fuel consumed by the industry consisted of coal of the bituminous type amounting during 1930 to 1,922 tons valued at \$12,673, fuel oil totalling 4,381 gallons, worth \$460 and gas of all kinds totalling 267 M cubic feet worth \$226. Compared with 1929 there was an increase in the cost of fuel of \$2,211.

Power Installation.

All of the power used in the industry was of electrical origin, and comprised 98 motors operated by purchased power having a rated horse-power capacity of 709. The cost of electricity purchased fell from \$11,692 in 1929 to \$11,426 in 1930, or a difference of \$2.00 per rated horse power. The number of boilers installed was 5, with a rated boiler H.P. of 365.

For Imports of Surgical dressings, etc. see page 17.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

SECTION IV. COTTON AND WOOL WASTE

The cotton and wool waste industry had seven establishments operating in 1930, the same number as in 1929. The value of their products amounted to \$1,494,501 in 1930 compared with \$2,645,184 in 1929, a decrease of \$1,150,683.

The capital investment in 1930, in lands, buildings, equipment, inventories and other assets, amounted to \$1,041,227, which was a decrease of \$81,591, from the investment of 1929, the figures for that year being \$1,122,818. Employees, salaried and other totalled 186, or 78 under the total for 1929 amounting to 264. Salaries and wages in 1930 amounted to \$176,934, and was a decrease of \$120,985 from the 1929 total of \$297,919.

The cost of materials used in 1930 was \$1,143,574. The corresponding figures for 1929 were \$1,936,230 representing a decrease of \$792,656. Value added by manufacture totalled \$350,927 in 1930 as against \$708,954 in 1929, a decrease of \$358,027.

Table 1. - Cotton and Wool Waste, Principal Statistics, 1922- 1930.

Year	Es- tab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of materials used	Gross value of production	Value added by manu- facture
	No.	\$	No.	\$	\$	\$	\$
1922	6	872,703	105	106,174	901,666	1,331,562	429,896
1923	6	756,694	142	141,554	1,107,373	1,507,147	399,774
1924	7	1,283,584	273	259,567	1,692,607	2,394,525	701,918
1925	7	1,325,849	274	271,348	1,712,775	2,452,488	739,713
1926	8	1,192,898	270	261,004	1,830,029	2,390,198	560,169
1927	7	1,088,826	276	265,107	1,651,843	2,296,367	644,524
1928	7	1,148,423	311	312,145	1,914,870	2,585,246	670,376
1929	7	1,122,818	264	297,919	1,936,230	2,645,184	708,954
1930	7	1,041,227	186	176,934	1,143,574	1,494,501	350,927

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

SECTION IV. COTTON AND WOOL WASTE

Size of Establishments

In view of the tendency toward concentration in industrial enterprise, a series of tables has been prepared presenting in a three-fold way the size of establishments in the cotton and wool waste industry measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed. The tables when compared for a number of years serve to indicate the movement of capital, production and employment within the industry.

In 1930 the number of establishments reporting was seven with a total capital investment of \$1,041,227, a gross value of production of \$1,494,501, and a total employment of 186. In capital investment three establishments had a capital investment of \$876,811 or 84.21 per cent of the total investment and an average investment per establishment of \$292,270. In gross value of production four establishments had a total of \$1,336,020 or 89.39 per cent of the total value of production and an average output per establishment of \$334,005. In employment three establishments had a combined payroll of 138 or 74.2 per cent of the total employment, and an average of 46 persons per establishment.

Table 2.- Size of establishments in the Cotton and Wool Waste Industry by groups, 1929 and 1930.

Measured by Capital investment	1929			1930		
	Estab-lish-ments	Total Capital	Average capital per estab-lishment	Estab-lish-ments	Total Capital	Average capital per estab-lishment
Under \$100,000	No. 4	\$ 198,004	\$ 49,501	No. 4	\$ 164,416	\$ 41,104
\$100,000 to under \$200,000	1	132,260	132,260	1	123,646	123,646
\$200,000 and over	2	792,554	396,277	2	753,165	376,583
Total	7	1,122,818	160,403	7	1,041,227	148,746
Measured by gross value of production	Estab-lish-ments	Gross value of production	Average output per estab-lishment	Estab-lish-ments	Gross value of production	Average output per estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$100,000	2	134,405	67,203	3	158,481	52,827
\$100,000 to under \$500,000	3	831,350	277,117	3	614,341	204,780
\$500,000 and over	2	1,679,429	839,714	1	721,679	721,679
Total	7	2,645,184	377,883	7	1,494,501	213,500
Measured by employment	Estab-lish-ments	Total employees	Average employees per estab-lishment	Estab-lish-ments	Total employees	Average employees per estab-lishment
	No.	No.	No.	No.	No.	No.
Under 20 employees	2	19	9.5	4	48	12
20 to under 100 employees	5	245	49.0	3	138	46
100 and over	-	-	-	-	-	-
Total	7	264	37.7	7	186	27

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

SECTION IV. COTTON AND WOOL WASTE

Production

The quantity and selling value at the factory of the principal items of production are shown in Table 3. The value of production by provinces was \$1,149,843 for Ontario, and \$344,658 for Quebec and British Columbia. The total quantity of waste, whether of cotton or wool or both, decreased from 16,963,745 pounds in 1929 to 12,131,490 pounds in 1930 while the value decreased from \$1,856,138 in 1929 to \$1,166,593 in 1930.

Table 3. Production of Cotton and Wool Waste, 1930.

	Unit of measure	Quantity	Selling Value
Cotton waste	pounds	1,068,188	\$116,326
Wool waste	"	544,529	95,409
Cotton and wool waste and shoddy	"	1,249,127	193,000
Cotton waste and mattress material	"	669,646	40,179
Cotton, wool and jute waste and wipers	"	8,600,000	721,679
Washed and sterilized wipers	"	420,000	77,915
Rags	"	4,905,590	246,434
Oakum	Bales	1,210	3,559
Total		-	1,494,501

Materials Used

The total cost at the factory of all materials used in the industry in 1930 was \$1,143,574 as shown in Table 4.

Table 4. Materials used, 1930.

	Unit of measure	Quantity	Selling Value
Cotton waste	pounds	872,030	\$74,980
Wool waste	"	536,229	83,032
Hard waste	"	178,064	12,807
Cotton, wool and jute waste and wipers	"	8,616,000	564,158
Rags, clippings, mill sweepings	"	2,092,122	179,776
Rags	-	-	185,719
Old lace curtains	pounds	13,601	563
Wipers, raw	"	406,000	32,539
Wool yarn	"	8,195	1,013
Oakum	bales	1,135	3,497
Cheese cloth, sdaps, etc.	-	-	5,490
Total	-	-	1,143,574

Capital Invested

The amount of capital invested in the industry in the calendar year is shown by provinces in Table 5. Fixed capital in the Dominion decreased from \$507,190 in 1929 to \$498,133 in 1930 whilst in the same period working capital decreased from \$615,628 to \$543,094. Ontario shows a decrease of \$48,003 in total investment, and British Columbia and Quebec a decrease of \$33,588.

Table 5. Capital investment by provinces, 1930.

Provinces	Fixed Capital		Working Capital		Total Capital
	Land, buildings, machinery and tools	Materials on hand, stocks in process, fuel and finished products on hand	Cash, trading and operating accounts and bills receivable		
	\$	\$	\$		\$
Quebec and British Columbia	62,632	59,804	41,980		164,416
Ontario	435,501	300,252	141,058		876,811
CANADA, Total	498,133	360,056	183,038		1,041,227

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930, Con.

SECTION IV. COTTON AND WOOL WASTE

Employment Statistics.

The number of persons employed, by sex and remuneration is shown by provinces in Table 6. Compared with 1929 there was a decrease in the number of salaried employees of 12, and a decrease in salaries paid of \$30,438. Wage earners decreased by 66 in number whilst wage payments also decreased from \$244,218 in 1928 to \$232,182 in 1929 and to \$141,635 in 1930.

Table 6. Employees by number, sex and remuneration, 1930.

	Employees on Salaries			Employees on Wages			Totals		
	Male	Female	Total Salaries	Male	Female	Total Wages	Male	Female	Salaries & Wages
	No.	No.	\$	No.	No.	\$	No.	No.	\$
Quebec and British Columbia	8	3	26,617	29	8	25,583	37	11	52,200
	3	3	8,682	87	45	116,052	90	48	124,734
CANADA	11	6	35,299	116	53	141,635	127	59	176,934

Employees by months.- Table 7 shows the number of wage earners on the payroll at the 15th of each month or nearest representative date, together with totals and averages. Employment was steady throughout the year as indicated by the slight variation between the monthly figures and the annual average, being at its maximum in February and its minimum in May. The monthly average of employment in this table is the sum of the averages of individual plants based on the number of months in actual operation and not for the calendar year.

Table 7. Employment by months, 1930.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	114	61	July	109	51
February	114	62	August	106	50
March	103	58	September	109	49
April	102	55	October	116	50
May	99	54	November	119	47
June	110	54	December	116	46
Total employment by months				1,317	637
Average monthly employment throughout year				116	53

Table 8. Fuel consumption by classes, 1930.

Kinds of fuel	Unit of measure	Quantity	Cost value delivered at works
Bituminous coal, all grades	ton	763	5,171
Anthracite coal, all grades	ton	-	-
Total Value	-	763	5,171

Power Installation

The only power reported in the cotton and wool waste industry in 1930 was that of electric motors operated by purchased power. There were 47 motors of 895 horse power capacity in 1930 as compared with 58 motors of 1,051 horse power in 1929. The cost of electricity purchased during the year was \$4,911. The number of boilers installed was 70 with a boiler h. p. of 320.

Imports and Exports: See tables 3 and 4, pages 4 to 15.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

SECTION V. COTTON GOODS, N.E.S.

The principal products of this group of textile manufacturers are comforters and quilts, pillows, cushions and forms, tailor's supplies, padding and canvas fronts, and wiping cloths. There were 22 establishments in operation in 1930 as against 23 in 1929. The gross value of the products in 1930 amounted to \$1,648,424 or a decrease of \$511,144 from the 1929 figures of \$2,159,568.

The capital investment in 1930 in lands, buildings, equipment, inventories and other assets amounted to \$1,125,649. This was a decrease of \$238,481 from the 1929 figures which were \$1,364,130. Total employees, salaried and other, amounted to 439, or 78 fewer than in 1929 when the total was 517.

The cost of materials used in 1930 was \$943,511, which represents a decrease of \$318,253 from the corresponding figures for 1929 amounting to \$1,261,764. In 1930 the value added by manufacture was \$704,913 while in 1929 it was \$897,804, a decrease in 1930 of \$192,891.

Table 1. Cotton Goods, N.E.S., Principal Statistics, 1922-1930.

Year	Es- tab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of materials	Gross value of products	Value added by manufacture
	No.	\$	No.	\$	\$	\$	\$
1922	18	3,259,120	671	729,204	2,537,456	3,942,726	1,405,270
1923	23	3,628,518	815	867,060	2,943,261	4,833,658	1,890,397
1924	23	3,615,114	550	590,450	2,574,744	3,777,427	1,202,683
1925	22	3,610,489	590	601,142	2,843,739	3,960,173	1,116,434
1926	22	3,752,035	649	596,547	3,048,742	4,215,635	1,166,893
1927	23	4,137,710	717	644,003	3,042,713	4,329,375	1,286,662
1928	26	4,262,710	790	693,811	3,285,523	4,580,773	1,295,250
1929	23	1,364,130	517	472,976	1,261,764	2,159,568	897,804
1930	22	1,125,649	439	394,181	943,511	1,648,424	704,913

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

SECTION V. COTTON TEXTILES, N.E.S.

Size of Establishments.

In view of the tendency toward concentration in industrial enterprise a series of tables has been prepared presenting in a three-fold way the size of establishments in the Cotton goods, n.e.s. industry measured by (a) capital investment, (b) gross value of production and (c) the number of persons employed. The tables when compared for a number of years serve to indicate the movement of capital, production and employment within the industry.

In 1930 the number of establishments reporting was 22 with a total capital investment of \$1,125,649, a gross value of production of \$1,648,424 and a total employment of 439. In capital investment three establishments had a capital investment of \$640,193 or 56.87 per cent of the total investment and an average investment per establishment of \$213,398. In gross value of production seven establishments had a total of \$1,273,460 or 77.25 per cent of the total value of production and an average output per establishment of \$181,923. In employment four establishments had a combined payroll of 270 or 61.5 per cent of the total employment, and an average employment of 68 per establishment.

Table 2.- Size of establishments in the Cotton goods, n.e.s. Industry by groups, 1930 and 1929.

Measured by capital investment	1929			1930		
	Estab-lish-ments	Total Capital	Average capital per estab-lishment	Estab-lish-ments	Total Capital	Average capital per estab-lishment
Under \$50,000	No. 15	\$ 277,475	\$ 18,498	No. 16	\$ 245,210	\$ 61,302
\$50,000 to under \$100,000	4	245,586	61,397	3	240,246	80,082
\$100,000 to under \$200,000	-	-	-	2	303,620	151,810
\$200,000 to under \$500,000	4	841,069	210,267	1	336,573	336,573
Total	23	1,364,130	59,310	22	1,125,649	51,166
Measured by gross value of production	Estab-lish-ments	Total gross value of production	Average output per estab-lishment	Estab-lish-ments	Total gross value of production	Average output per estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000	10	128,818	12,882	10	77,081	7,708
\$50,000 to under \$100,000	3	213,380	71,127	5	297,883	59,577
\$100,000 to under \$200,000	6	784,219	130,703	4	589,982	147,495
\$200,000 to under \$500,000	4	1,033,151	258,288	3	683,478	227,826
Total	23	2,159,568	93,894	22	1,648,424	74,928
Measured by employment	Estab-lish-ments	Total employees	Average employees per estab-lishment	Estab-lish-ments	Total employees	Average employees per estab-lishment
	No.	No.	No.	No.	No.	No.
Under 20 employees	16	124	7.75	16	107	7
20 but under 50	3	95	31.67	2	62	31
50 but under 100	4	298	74.50	4	270	68
Total	23	517	22.48	22	439	20

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

SECTION V. COTTON GOODS, N.E.S.

Production

The quantity and value of manufactured products in this section of the cotton textile industry is shown by provinces in Table 3. The total value of products for the year amounted to \$1,648,424 of which Ontario contributed \$958,933, Quebec, Manitoba and Alberta \$689,491.

Table 3. Production of Cotton Textiles, n.e.s., 1930.

Products	Ontario	Quebec, Manitoba and Alberta	CANADA
	Value	Value	Value
	\$	\$	\$
Comforters, all kinds 1/	353,302	86,810	440,112
Quilts, all kinds	-	8,290	8,290
Pillows, (feather and down) 1/	17,985	8,000	25,985
Cushions and cushion forms 1/	110,889	43,009	153,898
Quilted goods	-	41,693	41,693
Gaiters and spats	-	25,000	25,000
Canvas fronts	177,465	152,092	329,557
Shoulder pads	-	49,210	49,210
Tailors' supplies and padding	-	106,093	106,093
Infants' bibs, diapers and aprons	821	16,283	17,104
Bags, garment	12,023	-	12,023
Bags, shop	2,844	-	2,844
Bags, Cotton	10,000	-	10,000
Pads and covers	7,513	-	7,513
Mattress covers	17,000	-	17,000
Aprons	10,436	-	10,436
Rubber sheeting	5,000	-	5,000
Rubber covers	4,086	-	4,086
Laundry nets	8,847	-	8,847
Asbestos goods	-	18,003	18,003
Cotton mops	14,771	44,100	58,871
Wiping cloths 1/	159,744	69,350	229,094
Cheese cloth waste	38,312	-	38,312
Novelties and sundries	7,795	16,533	24,328
Amount received for custom work	100	5,025	5,125
Total	958,933	689,491	1,648,424

1/ Data here given does not necessarily represent the total Canadian production of these commodities since they are also produced in other industries.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

SECTION V. COTTON TEXTILES, N.E.S.

Materials Used

The cost value of all kinds of materials used during 1930 totalled \$943,511. Of this total Ontario contributed \$541,963, Quebec, Manitoba and Alberta \$401,548. Table 4. gives the quantity and value of the principal materials used in 1930.

Table 4. Materials used by quantity and cost value, 1930.

Principal Classes of Materials	Unit of measure	Quantity	Cost Value
			\$
Fabrics:			
Silk and satin	yards	72,198	60,950
Sateen	"	70,188	25,784
Cambric	"	38,189	11,225
Cretonne	"	4,445	725
Chintz	"	21,240	2,995
Cashmere	"	2,502	439
Muslin	"	130,454	12,082
Cotton	"	686,421	60,776
Cheese cloth	"	157,900	10,060
Ticking	"	52,981	7,685
Canton flannel	"	3,000	1,500
Percales	"	21,532	2,664
Linen	"	175,482	29,239
Silisia	"	32,760	4,019
Felts	"	68,921	27,109
Hair Canvas	"	90,225	27,176
" cloth	"	64,053	21,392
Canvas, all kinds	"	561,398	92,581
Cushion material	"	2,256	1,032
All other fabrics	"	488,000	140,945
Cotton binding	"	915,519	2,591
Wadding	lbs.	13,748	5,168
Wool	"	46,194	5,929
Filling, feathers, kapok, waste, etc.	"	876,820	88,155
Shoddy, wool and wadding	"	134,852	40,928
Rubberized cloth	yards	10,459	3,393
Oil cloth	"	3,000	1,500
Yarns:			
Cotton	lbs.	13,710	4,396
Cable	"	2,500	975
Mop	"	151,500	28,555
Hemp and jute	"	4,406	1,391
Cotton wiping rags	"	425,000	37,000
Rags and mill ends	"	1,561,343	101,352
Cheese cloth waste	"	120,000	20,242
All other materials	-	-	61,558
Total	-	-	943,511

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

SECTION V. COTTON TEXTILES; N. E. S.

Capital Investment

The amount of capital invested in the reclassified industry is shown by items in Table 5. Fixed capital which includes land, buildings, machinery, etc. totalled \$339,160 and working capital including materials and stocks on hand, finished products on hand, fuel, miscellaneous supplies and cash, trading and operating accounts totalled \$786,489 making a total investment of \$1,125,649 of which Ontario provided 47.81 per cent, Quebec, Alberta and Manitoba 52.19 per cent.

Table 5. Capital investment by provinces, 1930.

Provinces	Fixed Capital	Working Capital		Total Capital
		Materials on hand, etc.	Cash, trading and operating accounts, etc.	
	\$	\$	\$	\$
Ontario	181,684	232,325	124,155	538,164
Quebec, Manitoba and Alberta	157,476	136,491	293,518	587,485
CANADA	339,160	368,816	417,673	1,125,649

Employment Statistics

Table 6. shows the number of persons employed by classes, sex and remuneration within provinces. The industry provided employment to 439 persons, 52 of which were salaried employees and 387 were wage-earners. The amount paid to salaried employees totalled \$121,591 and to wage-earners \$272,590 or a grand total for all employees of \$394,181.

Table 6. Employees by classes, sex and remuneration, 1930.

Provinces	Salaried Employees			Wage-earners			Total employees		
	Male	Female	Total Salaries	Male	Female	Total Wages	Male	Female	Total Salaries and Wages
	No.	No.	\$	No.	No.	\$	No.	No.	\$
Ontario	18	11	63,216	51	152	144,598	69	163	207,814
Quebec, Manitoba and Alberta	16	7	58,375	39	145	127,992	55	152	186,367
CANADA	34	18	121,591	90	297	272,590	124	315	394,181

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930.

SECTION V. COTTON TEXTILES, N.E.S.

Employment - Concluded.

Table 7 presents statistics of employment by number and sex for each month of the year together with totals and averages of monthly employment during the year. Employment reached the maximum in January and June with 392. On the payrolls and the minimum in December with 361. The average of monthly employment used in this table is the sum of the averages of individual plants based on the actual months in operation and not for the calendar year.

Table 7. Employment by months, 1930.

Months	Male No.	Female No.	Months	Male No.	Female No.
January	85	307	July	90	284
February	85	304	August	93	283
March	87	304	September	93	290
April	85	300	October	92	298
May	88	288	November	90	283
June	90	302	December	88	273
Total employment by months				1,066	3,516
Average monthly employment during year				90	297

Fuel Consumption

The quantity and cost value of fuel delivered at the factory or works is shown in Table 8 by classes. The total cost of fuel used during the year amounted to \$8,440 of which bituminous coal represented 68.5 per cent and fuel oil 17 per cent. The cost of fuel decreased from the previous year by \$3,110 and is accounted for by the greater consumption of bituminous coal.

Table 8. Fuel Consumption by classes, quantity and value, 1930.

Classes of fuel	Unit of measure	Quantity	Cost Value at works
Bituminous coal, all grades	ton	1,007	\$ 5,782
Anthracite coal, all grades	ton	20	305
Coke	ton	2	31
Oil (fuel)	Gal.	14,739	1,437
Wood	cord	476	392
Gas (artificial and natural)	m.c.ft.	145	493
Total cost of fuel used	-	-	8,440

Power Installation

The only power used in this industry in 1930 was electricity. The number of motors operated by purchased power was 69 with a total indicated horse-power of 377. The cost of electricity purchased for power purposes in 1930 amounted to \$5,749. There were also reported 5 boilers with an indicated horse-power of 385 used for steam heating and other purposes.

Imports and exports: See tables 3 and 4, pages 4 to 15.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Con.

COTTON YARN AND CLOTH

NOVA SCOTIA

Cosmos, Imperial Mills Ltd.,	Water St.,	Yarmouth
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NEW BRUNSWICK

Canadian Cottons, Ltd.	-	Marysville
Canadian Cottons, Ltd.	-	Milltown
Cornwall & York Cotton Mills Co. Ltd.	23 Wall St. & Albion St.	St. John

QUEBEC

Sherbrooke Cotton Co. Ltd.	Pacific St.,	Sherbrooke
Goodyear Cotton Co. of Canada Ltd.	-	St. Hyacinthe
Dominion Textile Co. Ltd.,	Main St.,	Magog
Dominion Textile Co. Ltd.,	-	Montmorency Falls
Dominion Textile Co. Ltd. (Colonial Mill)	4790 St. Ambroise St.	Montreal
Dominion Textile Co. Ltd. (Hochelaga Branch)	3340 Notre Dame St. E.	Montreal
Dominion Textile Co. Ltd. (Merchants Branch)	3870 St. Ambroise St.	Montreal
Dominion Textile Co. Ltd. (St. Anns Branch)	2622 Notre Dame St. E.	Montreal
Dominion Textile Co. Ltd. (Mt. Royal Branch)	5524 St. Patrick St.	Montreal
Dominion Textile Co. Ltd.,	Kings Park	Verdun
Montreal Cottons, Ltd.	Dufferin Rd.,	Valleyfield
The Shawinigan Cotton Co., Ltd.,	-	Shawinigan Falls.
The Wabasso Cotton Co. Ltd.	St. Maurice St.,	Three Rivers
Drummondville Cotton Co. Ltd.	-	Drummondville

ONTARIO

Canadian Cottons, Ltd. (Canada Mill)	-	Cornwall
Canadian Cottons, Ltd. (Dundas Mill)	-	Cornwall
Canadian Cottons, Ltd. (Stormont Mill)	-	Cornwall
Canadian Cottons, Ltd.	429 James St. N.	Hamilton
Moodie Co. Ltd., J.R.	Sanford Ave.,	Hamilton
Empire Cotton Mills, Ltd.,	Box 758, Queen St.,	Welland
Glendale Spinning Mills, Ltd.,	Glendale Ave.	Hamilton
The Hamilton Cotton Co. Ltd.,	304 Mary St.,	Hamilton
The Cosmos Imperial Mills, Ltd.,	Sherman Ave. N.	Hamilton
The Regent Knitting Mills, Ltd.	2 Huskisson St.,	Guelph
Stauffer-Dobbie, Ltd.,	160 N. Water St. Box 1201,	Galt
Dominion Fabrics, Ltd.	-	Dunnville
Dominion Yarns, Ltd.	-	Welland
Cayuga Textiles, Ltd.	-	Cayuga

COTTON THREAD

QUEBEC

American Thread Co. of Canada, Ltd.	2375 Aird Ave.	Maisonneuve
Cotton Threads, Ltd.	1625 Delorimier Ave.	Montreal
Canadian Spool Cotton Co.	421 Pie IX Ave.	Maisonneuve

ONTARIO

T. Eaton Co. Ltd.	190 Yonge St.	Toronto
The Bell Thread Co. Ltd.	Cor. Huron St. & Minto Ave.	Hamilton
National Thread Co.,	260 Spadina Ave.	Toronto

THE COTTON TEXTILE INDUSTRY IN CANADA, 1930 - Concluded.

COTTON BATTING AND WADDING

QUEBEC

Dominion Wadding Co.	120 Vinet St.	Montreal
Smith & Nephew, Ltd.	378 St. Paul W.	Montreal
Johnson & Johnson, Ltd.	2155 Pie IX Ave.	Montreal

ONTARIO

Bauer & Black, Ltd.	96 Spadina Ave.	Toronto, 2.
Bauers, Ltd.	187 King St. S.	Waterloo
National Mattress Felt & Batting Co.	340 Gerrard St. E.	Toronto, 2.
Kotex Co. of Canada Ltd.	Queen and Welland St.	Niagara Falls
Guelph Felt Co. Ltd.	-	Guelph

COTTON AND WOOL WASTE

QUEBEC

Danford Bros.	933 St. Elizabeth St.	Montreal
H. Gray & Co.	217 Common St.	Montreal
Montreal Cotton & Wool Waste Co. Ltd.	21 Nazareth St.	Montreal

ONTARIO

M. Granatstein & Sons of Toronto, Ltd.	482 Wellington St. W.	Toronto, 2.
John M. Lalor & Co. Ltd.	610 Eastern Ave.	Toronto
Scythes & Co. Ltd.	128 Sterling Road	Toronto

BRITISH COLUMBIA

National Waste Mfg. Co. Ltd.	1875 Pandora	Vancouver
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COTTON TEXTILES, N.E.S.

QUEBEC

Canadian Cotton & Wool Waste Co.	167-171 Queen St.	Montreal
Barnet Baker	3503 St. Lawrence Blvd.	Montreal
Imperial Quilt Mfg. Co.	2075 St. Lawrence Blvd.	Montreal
Solomon Heitner	3814 St. Lawrence Blvd.	Montreal
The Montreal Feather & Down Co. Ltd.,	79 William St.	Montreal
The Montreal Quilting Co. Ltd.	524 Guy St.	Montreal
The Quality Comforters, Ltd.	367 St. Paul St. W.	Montreal
Ideal Perfect Pad Ltd.	4,060 St. Lawrence Blvd.	Montreal
E. Heitner	4092 St. Lawrence Blvd.	Montreal

ONTARIO

E. Pullan Wipers & Waste Co. Ltd.	30 Erin	Toronto
Morris Passman	110-118 Mercer St.,	Windsor
Solomon Solomon (National Pad Co.)	240 Richmond St. W.	Toronto
The Toronto Feather & Down Co. Ltd.	2154 Dundas St. W.	Toronto
Wm. A. Coon & Co.	39 Lombard St.	Toronto
The Toronto Quilting Co. Ltd.	872 Dufferin St.	Toronto, 2.
Talbot & Talbot,	952 Queen W.	Toronto, 3.
James White	627 Durie	Toronto, 9.
Steracloth Co.,	19 Albion St.	Brantford
Lederer Mfg. Co. of Canada Ltd.	15 Church St.	Windsor

MANITOBA

Perfection Quilt Mfg. Co.,	682 Selkirk Ave.	Winnipeg
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ALBERTA

Alberta Feather & Down Co. Ltd.	9,514 - 110 Ave.	Edmonton.
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