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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**CENSUS OF INDUSTRY**

**REPORT**

**ON THE**

**COTTON TEXTILE INDUSTRY**

**IN**

**CANADA**

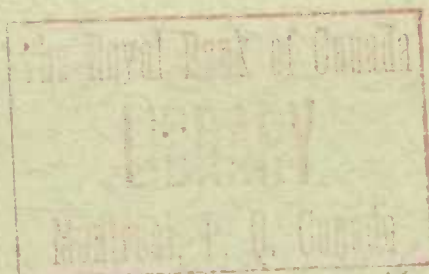
**1931**

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

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NOTE,- The statistics published in this report include only the statistics of such manufacturing establishments which have as their principal products cotton articles, or articles with cotton as the chief component material. Statistics relating to specific products are, therefore, not to be regarded as complete, for similar products are also to be found as secondary ones in other industries.

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

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THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

This industry is divided into five separate sections (1) Cotton Yarn and Cloth, (2) Cotton Thread, (3) Cotton and Wool Waste, (4) Cotton Batting and Wadding and (5), Cotton Goods, N. E. S., comprising all manufactures, the chief component of which is cotton, and which cannot properly be classified under any of the other sections.

In 1931, reports were received from ninety-three establishments, an increase of sixteen over the previous year. Forty-six of these were located in Ontario, thirty-nine in Quebec, four in New Brunswick and one each in Nova Scotia, Manitoba, Alberta and British Columbia.

The gross value of production in the cotton textile group amounted to \$50,986,932 in 1931, a decrease of \$7,600,434 or 13.0 per cent from the 1930 value. The capital investment was \$82,183,112, a decrease of \$5,406,595 or 6.2 per cent. 17,577 persons were furnished employment, 1,013 or 5.5 per cent less than in 1930, while the salary and wage bill amounted to \$13,987,990, a decrease of \$573,959 or 3.9 per cent. The cost of raw and other materials used was \$26,210,708 which showed a decrease from the previous year of \$6,877,492 or 20.8 per cent. The value added by manufacture amounting to \$24,776,224 showed a decline of \$722,942 or 2.9 per cent. The variations in the whole group are shown in table 3.

In order to show the 1931 production in sufficient detail, it was found necessary to group together the output of the five industries, and the result is shown in table 4. The production of all cotton fabrics was valued at \$26,676,969 in 1931 and comprised over fifty-two per cent of the entire output. The production of grey cotton had a value of \$10,502,799 but it must be taken into consideration that part of this cotton was sold to other mills as material, where by further processing it was turned into dyed or printed cotton. Fabrics of cotton and mixtures, including cheese-cloth, accounted for \$3,598,215. These various fabrics are shown by the pound, lineal yard and value in table 4. Tire fabrics was another item of importance and in 1931 10,614,484 pounds valued at \$3,407,800 were produced. Grey and other yarns spun for sale were 16,320,276 pounds worth \$4,679,187. Cotton thread produced had a value of \$3,206,216. Blankets was another item of importance and their value was \$1,247,578.

The total cost of all raw and other materials used was \$26,210,708 and 92,420,951 pounds of raw cotton costing \$11,286,785 accounted for over 43 per cent of this total. 59,135,719 yards of grey cotton valued at \$5,583,548 was the next largest item, followed by yarns of cotton, artificial silk, etc., 6,984,357 pounds costing \$3,357,442. Dyes and colours were valued at \$1,025,076 and waste, rags, wipers, etc., were also largely used.

WAGES AND EMPLOYMENT IN THE COTTON TEXTILE INDUSTRY.

JULY - DECEMBER, 1931.

The data relating to wages and employment summarized in the accompanying table have been secured by the Dominion Bureau of Statistics in co-operation with the cotton textile industry in Canada. All figures quoted are averages relating to the last six

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

months in 1931. Weekly wages shown, relate to full-time working hours, and take no account of part-time or overtime. Average weekly full-time wages paid to the various classes of labour in the cotton textile industry ranged from \$11.00 for doffers to \$25.69 for loom fixers. The average full-time wage for all employees amounted to \$15.65 per week of 53.9 hours. Plants operated for the most part upon a 50 or 55 hour week schedule. By reducing weekly figures to an hourly basis it was found that workers were paid an average of 29.0 cents per hour, while hourly earnings for the various occupations ranged from 20.5 cents for doffers to 48.1 cents for loom fixers.

It should be pointed out that while these figures form a partial basis upon which to make comparisons of labour costs, consideration should also be given in such comparisons to amounts contributed by industry towards such charges as workmen's compensation, unemployment insurance, etc. Proportions of production costs paid to labour differ widely from industry to industry and from country to country, but are seldom more than 40 per cent of total outlay.

Wages and Employment in the Cotton Textile Industry During the Last Half of 1931.

Description of Employees	No. of Establish- ments Report- ing	Average No. of Em- ployees	Average Full-time Weekly Wage	Average Hours in a Full-time Week	Average Hourly Earnings
			\$		\$
Picker Tenders .....	10	113	17.04	53.7	.317
Card Tenders .....	10	191	15.95	53.3	.300
Card Grinders .....	10	79	20.75	53.5	.388
Drawing Frame Tenders .....	10	171	13.77	53.3	.258
Slubber Tenders .....	9	151	16.46	53.7	.306
Speeder Tenders .....	10	374	15.38	53.9	.286
Mule Spinners .....	4	79	22.70	53.6	.424
Frame Spinners .....	10	914	14.77	54.1	.273
Doffers .....	10	713	11.00	53.8	.205
Spooler Tenders .....	9	581	13.76	53.9	.256
Creelers .....	7	84	11.53	53.4	.217
Warper Tenders .....	10	108	15.64	53.0	.296
Beamer Tenders .....	6	34	23.52	52.1	.459
Slasher Tenders .....	7	78	23.21	53.5	.435
Drawers in Hand .....	9	191	15.24	53.6	.284
Warp Tying Machine Tenders .....	8	30	20.72	53.7	.387
Loom Fixers .....	10	357	25.69	53.5	.481
Weavers .....	10	1,422	18.55	53.8	.345
Trimmers and Inspectors .....	10	422	12.12	54.2	.224
Other Employees .....	11	7,730	15.33	53.8	.286
All Employees .....	11	13,822	15.65	53.9	.290

Imports and exports of cotton and its manufactures showed decided declines in 1931. All imports were valued at \$27,710,631 in that year compared with a value of \$42,949,247 in 1930. Exports in 1931 were valued at \$1,057,488 compared with \$1,712,576 in the previous year. Detailed statistics of the various articles imported and exported, by principal countries, are contained in tables 6 and 7.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 1. -- Location of Mills of Cotton Textile Group of Industries, 1931.

	Cotton Yarn and Cloth	Cotton Thread	Cotton and Wool Waste	Cotton Batting and Wadding	Cotton Textiles, N.E.S. <sup>x</sup>	All Cotton Textile Mills
	No.	No.	No.	No.	No.	No.
CANADA .....	34	5	14	6	34	93
Nova Scotia .....	1	-	-	-	-	1
New Brunswick .....	4	-	-	-	-	4
Quebec .....	15	3	5	2	14	39
Ontario .....	14	2	8	4	18	46
Manitoba .....	-	-	-	-	1	1
Alberta .....	-	-	-	-	1	1
British Columbia ...	-	-	1	-	-	1

Production in the Cotton Textiles, N.E.S., includes comforters, curtains and curtain material, bed spreads, quilted goods, pillows and cushions, runners, scarves and drapes, couch and mattress covers, tailor's supplies, rubber thread, elastic, aprons, gaiters and spats.

Table 2. -- Principal Statistics of the Cotton Textile Group of Industries, 1924-1931.

Year	Estab- lish- ments Report- ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
1924 .	76	93,886,524	20,157	14,069,117	50,563,320	81,406,780	30,843,440
1925 .	78	95,247,452	22,328	16,083,731	52,411,147	84,887,716	32,476,569
1926 .	81	95,000,668	22,336	17,132,077	52,722,981	89,822,558	37,099,577
1927 .	82	97,318,720	23,503	19,195,467	47,608,955	90,180,458	42,571,503
1928 .	84	103,551,541	23,779	19,810,303	53,608,847	94,048,231	40,439,384
1929 .	80	104,985,047	22,093	18,552,937	49,980,812	90,079,956	40,099,144
1930 <sup>x</sup> .	77	87,589,707	18,590	14,561,949	33,088,200	58,587,366	25,499,166
1931 <sup>x</sup> .	93	82,183,112	17,577	13,987,990	26,210,708	50,986,932	24,776,224

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

Table 3. - Comparison of Principal Statistics of the Cotton Textile Group of Industries, 1930 and 1931.

		1 9 3 0	1 9 3 1	∕ Increase - Decrease
Establishments reporting .....	No.	77	93	∕ 16
Capital invested .....	\$	87,589,707	82,183,112	- 5,406,595
Employees on salaries - Total - ....	No.	721	753	∕ 32
Male .....	No.	550	575	∕ 25
Female .....	No.	171	178	∕ 7
Salaries .....	\$	1,586,178	1,672,457	∕ 86,279
Employees on wages - (Average) - ..	No.	17,869	16,824	- 1,045
Male .....	No.	9,981	9,573	- 408
Female .....	No.	7,888	7,251	- 637
Total wages .....	\$	12,975,771	12,315,533	- 660,238
Power equipment -				
Units .....	No.	3,010	3,766	∕ 756
Horse-power capacity .....	H.P.	80,839	85,687	∕ 4,848
Cost of fuel and electricity .....	\$	1,733,440	1,689,024	- 44,416
Cost of materials used .....	\$	33,088,200	26,210,708	- 6,877,492
Gross value of products .....	\$	58,587,366	50,986,932	- 7,600,434
Value added by manufacture .....	\$	25,499,166	24,776,224	- 722,942

Table 4. - Total Production in the Cotton Textile Group, 1931.

Principal Products	Quantity Lbs.	Quantity Lin. Yards	Cost Value at Factory \$
FABRICS:			
ALL COTTON -			
Grey <sup>x</sup> .....	31,912,830	108,038,717	10,502,799
Bleached .....	7,284,918	29,328,965	3,778,305
Printed and coloured # .....	25,572,327	101,922,737	12,395,865
Cotton and Artificial Silk -			
Bleached, printed and coloured # ....	1,632,798	8,537,036	2,324,364
Curtain and drapery and tapestries and upholstering materials # .....	299,371	510,964	272,819
Other fabrics not included above # .....	490,452	1,991,269	886,986
Total .....	67,192,696	250,329,688	30,161,138

<sup>x</sup> Includes a certain amount of grey cotton which has been purchased by other establishments as partly manufactured materials to be converted into dyed or printed cotton.

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# The quantity and value of the fabrics listed on page 4 which can be shown without disclosing the operations of less than three establishments are: -

	Quantity Lbs.	Quantity Lin. Yards	Value \$
Broadcloth .....	3,387,689	16,624,363	2,617,923
Ducks, drills and denims .....	10,348,408	20,869,800	3,733,315
Flannelette and other napped fabrics .....	5,348,387	19,431,793	2,508,412
Shirtings .....	1,316,565	4,555,091	732,552
Pique .....	94,680	383,709	67,612
Other fabrics consisting of cambric, nurses cloth, crepe, dimity, gingham, muslin, osnaburg, prints, repp, auto cloth, tweeds and suitings, twill and sateen, tickings and others .....	21,807,369	93,285,758	11,263,291
Total .....	42,303,098	155,150,514	20,923,105

These figures are not complete for the cotton textile group, as some manufacturers were unable to subdivide their production of cotton and other fabrics. We have published them, however, in order to show what fabrics are produced in Canada.

	Unit of Measure	Quantity	Cost Value at Factory \$
Carried Forward .....	-	-	30,161,138
Cheese cloth .....	-	-	114,046
Pillow cases .....	Doz. Pr.	86,190	196,381
Bed Spreads, artificial silk and mixtures .	-	-	321,244
Bed Spreads, all other .....	-	-	29,239
Towels .....	Doz.	306,456	698,173
Face cloths .....	"	265,229	106,597
Blankets .....	-	-	1,247,578
Mattress covers .....	-	-	59,244
All other covers, couch, table, etc. ....	-	-	72,678
Curtains, cotton .....	Pair	476,019	317,151
Curtain and drapery material .....	-	-	52,671
COMFORTERS: -			
Cotton .....	No.	77,443	157,111
Down .....	"	21,196	197,180
Wool, and wool and cotton .....	"	7,253	45,110
Runners, scarves and centres .....	-	-	23,338
PILLOWS AND CUSHIONS: -			
Feather .....	No.	23,494	24,830
Down .....	"	9,730	33,860
Kapok .....	"	132,556	86,576
All other .....	"	-	27,901
Bags, all kinds .....	-	-	38,705
Tailors' supplies, fronts, pads, etc. ....	-	-	381,505
Tire fabrics .....	Lbs.	10,614,484	3,407,800

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 4. - Total Production in the Cotton Textile Group, 1931. - Concl'd.

Principal Products	Unit of Measure	Quantity	Cost Value at Factory
			\$
YARNS - SPUN FOR SALE -			
Grey .....	Lb.	12,912,928	3,591,053
All other .....	"	3,407,348	1,088,134
Thread, cotton .....	"	-	3,206,216
Twine, cotton .....	Lb.	1,915,787	530,034
Waste cotton .....	"	11,380,570	349,520
Waste, all other .....	"	5,724,013	617,231
Absorbent cotton, batts, batting, felt and wadding chiefly of cotton, and jute and jute wadding .....	"	-	550,147
Rags and wipers .....	Lb.	8,312,477	460,685
Cotton mops .....	No.	275,192	53,755
Aprons, rubber .....	No.	3,952	10,081
Aprons, other .....	No.	14,479	33,330
Tapes and webbing, elastic .....	"	-	1,274,567
All other products .....	-	-	1,299,550
Custom spinning, weaving, dyeing and bleaching .	-	-	122,573
Total Production .....	-	-	50,986,932

Table 5. - Total Materials Used in the Cotton Textile Group, 1931.

Principal Materials	Unit of Measure	Quantity	Value
			\$
Cotton, raw .....	Lb.	92,420,951	11,286,785
Wool, raw .....	"	48,371	8,802
FABRICS: -			
Cotton, grey .....	Yard	59,135,719	5,583,548
Silk and artificial silk .....	"	159,291	67,718
Silk and silk mixtures .....	"	41,750	18,856
Canvas .....	"	1,077,040	173,344
Rubber covered sheeting, etc. ....	"	27,997	12,569
All other .....	-	-	161,659
YARNS - NOT MADE IN THE ESTABLISHMENT: -			
Cotton .....	Lb.	5,683,039	2,130,532
Artificial silk .....	"	736,849	646,116
All other .....	"	564,469	580,794
THREAD: -			
Rubber .....	Lb.	211,905	160,611
All other .....	-	-	207,376
Waste, cotton .....	Lb.	7,777,251	469,491
Waste, wool .....	"	118,814	24,186

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 5. - Total Materials Used in the Cotton Textile Group, 1931. - Concl'd.

Principal Materials	Unit of Measure	Quantity	Value
			\$
Waste, all other .....	Lb.	-	415,104
Rags and wipers .....	"	8,748,653	265,486
Absorbent cotton and wadding .....	"	437,213	53,832
Rags, clippings, mill ends, sweepings, etc.	"	3,652,103	144,730
Felt, all kinds .....	-	-	116,350
Tapes, bindings, fringes, etc. ....	-	-	10,937
Ribbons, laces, embroideries .....	-	-	13,474
Feathers and down .....	-	-	35,151
Spools and tubes .....	-	-	222,944
Starch .....	Lb.	2,804,053	119,216
Size mix .....	"	2,657,116	115,713
Dyes and colours .....	-	-	1,025,076
Chemicals, oils, etc. ....	-	-	371,596
All other materials .....	-	-	1,383,968
Packing and shipping materials .....	-	-	384,744
Total Materials Used .....	-	-	26,210,708

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries, 1930 and 1931.

Articles Imported	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Raw cotton, not further manufactured than ginned -					
United Kingdom ....	Lb.	938,109	184,742	501,372	72,460
United States .....	"	99,306,213	14,022,910	93,069,859	8,418,516
British India .....	"	69,995	8,658	56,884	4,721
Egypt .....	"	-	-	1,293,936	170,999
Total .....	"	100,314,317	14,216,310	94,922,051	8,666,696
Cotton linters, not further manufactured than ginned -					
United States .....	Lb.	7,972,614	350,833	8,401,648	265,465
Other Countries ...	"	29,353	1,377	-	-
Total .....	"	8,001,967	352,210	8,401,648	265,465

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931 - Cont'd.

Articles Imported	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Value	Quantity	Value
			\$		\$
Linters of short fibres of cotton, bleached when imported by manufacturers of paper to be used in their own factories in the manufacture of blotting paper or other grades of paper.					
United States .....	Lb.	264,495	15,488	123,218	5,654
Total .....	"	264,495	15,488	123,218	5,654
Batts, batting and wadding of cotton, n.o.p. -					
United Kingdom .....	Lb.	6,863	1,411	12,800	3,409
United States .....	"	212,113	35,274	122,171	25,096
Other Countries .....	"	10,605	2,385	5,630	1,900
Total .....	"	229,581	39,070	140,601	30,405
Carded sliver wholly of cotton, not bleached, coloured nor impregnated: cotton fibres bleached or coloured, n.o.p. -					
United Kingdom .....	Lb.	-	-	4,100	769
United States .....	"	2,142	774	189,889	28,198
Total .....	"	2,142	774	193,989	28,967
Cotton pulp for use exclusively in the manufacture of yarns of artificial silk or similar synthetic fibres -					
United States .....	Lb.	813,161	68,615	962,188	61,550
Total .....	"	813,161	68,615	962,188	61,550
Rovings, yarns and warps, wholly of cotton and not more advanced than singles, n.o.p. -					
United Kingdom .....	Lb.	853,008	529,378	54,182	26,626
United States .....	"	310,042	150,597	20,352	7,833
Other Countries .....	"	-	-	330	142
Total .....	"	1,163,050	679,975	74,864	34,601

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931. - Cont'd.

Articles Imported	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Value	Quantity	Value
			\$		\$
Rovings, yarns and warps, wholly of cotton, not more advanced than singles, to be used in factories in the manufacture of knitted goods -					
United Kingdom .....	Lb.	30,954	13,753	120,478	35,998
United States .....	"	95,911	31,641	241,102	67,074
Other Countries .....	"	22	3	196	92
Total .....	"	126,887	45,397	361,776	103,164
Rovings, yarns and warps, wholly of cotton, including threads generally used for sewing, stitching, packaging and other purposes, n.o. p. -					
United Kingdom .....	Lb.	193,992	81,375	117,501	42,633
United States .....	"	420,063	213,456	269,781	150,600
France .....	"	5,676	3,898	3,058	6,399
Other Countries .....	"	3,339	1,493	869	449
Total .....	"	623,070	300,222	391,209	200,081
Crochet and knitting cotton, n.o.p. -					
United Kingdom .....	Lb.	194	325	239	1,445
United States .....	"	934	542	7,053	3,915
France .....	"	52,717	89,862	15,941	60,602
Total .....	"	53,845	90,729	23,233	65,962
Cords and twine cotton, n. o. p. -					
United Kingdom .....	Lb.	101,560	22,894	33,975	6,846
United States .....	"	246,825	102,201	67,125	26,035
Other Countries .....	"	1,159	512	835	223
Total .....	"	349,544	125,607	101,935	33,104

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. -- Imports of Cotton and Its Manufactures, by Principal Countries, 1930 and 1931. -- Cont'd.

Articles Imported	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Value	Quantity	Value
			\$		\$
Sewing cotton thread, on spools -					
United Kingdom .....	-	-	9,790	-	19,201
United States .....	-	-	39,181	-	23,829
Belgium .....	-	-	8,985	-	5,568
Other Countries .....	-	-	2,477	-	2,047
Total .....	-	-	60,433	-	50,645
Cotton yarns, wholly or partially covered with metallic strip, generally known as tinsel thread -					
United Kingdom .....	-	-	7	-	128
United States .....	-	-	29,357	-	2,705
Other Countries .....	-	-	6,441	-	1,222
Total .....	-	-	35,805	-	4,055
Yarns and warps, wholly of cotton, mercerized, number 40 and finer, imported by manufacturers to be further manufactured in their own factories -					
United Kingdom .....	Lb.	127,329	120,390	286,736	194,228
United States .....	"	1,816,132	1,512,061	2,070,238	1,516,212
Other Countries .....	"	134	218	-	-
Total .....	"	1,943,595	1,632,669	2,356,974	1,710,440
Cotton sewing thread, yarn and crochet, knitting, darning and embroidery yarn, in hanks, imported by manufacturers for manufacturing or spooling cotton sewing thread and crochet, knitting darning and embroidery cottons exclusively in their own factories -					
United Kingdom .....	Lb.	381,397	301,617	459,578	294,550
United States .....	"	185,942	145,257	129,447	88,108
Total .....	"	567,339	446,874	589,025	382,658

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

In connection with imports of raw, partly manufactured and fully manufactured materials during the year 1931, while the total value showed a decline of \$15,238,616, or over 35 per cent from 1930, it was due largely to the drop in the cost of raw materials. For instance there were imported in 1930, 100,314,317 pounds of raw cotton at a cost of \$14,216,310, or slightly over fourteen cents per pound delivered at the factory. In 1931, 94,922,051 pounds cost \$8,666,696, or a little more than nine cents per pound delivered at the factory. In 1930, 8,266,462 pounds of cotton linters cost \$367,698, while in 1931, 8,524,866 pounds cost only \$271,119. Rags, waste and garnetted material declined only 149,249 cwt. in 1931, but the value dropped by \$987,720.

It is not possible to make a comparison of volume in cotton fabrics between the two years, as this was reported in yards in 1930 and pounds in 1931.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. -- Imports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931. - Cont'd.

Articles Imported	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Yarns and warps, wholly of cotton, number 80 and finer, two-ply, gassed, of a class or kind not made in Canada, for use exclusively in the production of woven fabrics					
United Kingdom .....	Lb.	19,289	23,354	7,016	9,865
United States .....	"	3,914	3,332	2,837	2,397
Total .....	"	23,203	26,686	9,853	12,262
Yarns, wholly of cotton, number 40 and finer, not more advanced than singles, when imported by manufacturers for use exclusively in their own factories in the manufacturing of cotton sewing thread					
United Kingdom .....	Lb.	--	--	562,424	259,418
United States .....	"	--	--	16,346	12,541
Total .....	"	--	--	578,770	271,959
Kapok --					
United States .....	Cwt.	3,788	66,278	4,478	59,197
Other Countries .....	"	131	1,770	276	2,819
Total .....	"	3,919	68,048	4,754	62,016
Rags and waste of any material unfit for use without further manufacture, not to include used garments nor waste portions of unused fabrics, n.o.p.					
United Kingdom .....	Cwt.	45,119	148,012	35,911	93,102
United States .....	"	227,622	1,154,989	140,555	597,140
Belgium .....	"	3,389	3,938	857	3,616
France .....	"	16,580	20,669	17,937	12,122
Germany .....	"	4,722	35,846	1,075	9,861
Japan .....	"	3,734	12,081	3,801	9,003

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931. - Cont'd.

Articles Imported	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Rags and waste of any material unfit for use without further manufacture, not to include used garments nor waste portions of unused fabrics, n.o.p. - Concl'd.					
Netherlands .....	Cwt.	10,028	52,306	1,921	8,897
Other Countries .....	"	1,908	4,024	277	1,815
Total .....	"	313,102	1,431,865	202,334	735,656
Waste portions of unused fabrics or used garments, imported by manufacturers to be used exclusively for disintegrating or for manufacture into wiping rags, n.o.p., in their own factories -					
United Kingdom .....	Cwt.	20,913	60,264	6,945	31,234
United States .....	"	84,523	497,563	64,775	300,692
Belgium .....	"	3,853	25,532	2,652	17,166
Germany .....	"	2,271	19,353	654	4,883
Netherlands .....	"	8,162	50,530	12,567	68,961
Other Countries .....	"	9,009	20,755	137	726
Total .....	"	128,731	673,997	87,730	423,662
Garnetted material obtained by disintegrating yarns or fabrics, prepared for use, n.o.p.; wiping rags and wiping waste, n.o.p.; waste portions of unused fabrics, machine-cleaned waste, n.o.p., not to include remnants nor mill ends, n.o.p. -					
United Kingdom .....	Lb.	48,694	8,020	71,704	15,401
United States .....	"	978,361	82,763	1,446,524	62,277
Belgium .....	"	191,284	12,717	157,494	7,041
Japan .....	"	1,507,048	85,436	1,414,520	69,089
Other Countries .....	"	132,325	7,246	19,465	1,198
Total .....	"	2,857,712	196,182	3,109,707	155,006

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries, 1930 and 1931. - Cont'd.

Articles Imported	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Batts, batting and wadding of wool, n.o.p.					
United States .....	Lb.	21,068	3,878	54,808	7,044
Other Countries .....	"	2,437	460	984	162
Total .....	"	23,505	4,338	55,792	7,206
Surgical dressings, antiseptic or aseptic including absorbent cotton, lint, lamb's wool, tow, jute, oakum, woven fabrics of cotton weighing not more than 7 1/2 pounds per 100 square yards, whether imported singly or in combination one with another, but not stitched or otherwise manufactured; sanitary napkins -					
United Kingdom .....		-	223,708	-	165,276
United States .....		-	279,220	-	253,707
Other Countries .....		-	10,190	-	2,269
Total .....		-	513,118	-	421,252
Woven fabrics, wholly of cotton, not bleached, mercerized nor coloured, n.o.p. -					
United Kingdom .....		-	616,929	-	342,127
United States .....		-	2,194,135	-	960,137
Belgium .....		-	11,702	-	11,867
Other Countries .....		-	6,715	-	3,375
Total .....		-	2,829,481	-	1,317,506
Canton flannels, sheetings, napped or unnapped and pillow cotton; plain shirtings, cambrics, longcloths, nainsooks, flannelettes and saxonies; not coloured -					
United Kingdom .....		-	105,006	-	53,897
United States .....		-	87,873	-	46,060
Other Countries .....		-	857	-	1,341
Total .....		-	193,736	-	101,298

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931. - Cont'd.

Articles Imported	1 9 3 0	1 9 3 1
	Value	Value
	\$	\$
Towelling in the web, not coloured -		
United Kingdom .....	9,425	3,817
United States .....	3,461	1,235
Other Countries .....	148	44
Total .....	13,034	5,096
Voiles, scrims, victoria lawns, plain, striped or checked lawns, India linens, muslins, plain, checked or striped, fancy shirtings, piques, cords, diaper and jaconets; not coloured -		
United Kingdom .....	13,023	4,103
United States .....	26,574	2,435
Other Countries .....	3,603	424
Total .....	43,200	6,962
Woven fabrics, wholly of cotton, bleached or mercerized, n.o.p., not coloured -		
United Kingdom .....	874,098	570,277
United States .....	684,070	416,132
Czecho-Slovakia .....	995	2,008
France .....	7,667	2,939
Germany .....	2,483	2,109
Japan .....	5,657	10,471
Switzerland .....	28,338	28,266
Other Countries .....	2,413	291
Total .....	1,605,721	1,032,493
Cotton fabrics, printed, n.o.p. -		
United Kingdom .....	1,284,563	1,065,026
United States .....	1,883,693	1,391,257
Belgium .....	25,957	31,468
Czecho-Slovakia .....	39,568	17,800
France .....	26,095	27,866
Germany .....	9,402	9,957
Italy .....	28,000	50,870
Japan .....	4,453	4,624
Netherlands .....	12,056	9,219
Switzerland .....	8,250	19,156
Other Countries .....	2,142	2,439
Total .....	3,324,179	2,629,682

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931. - Cont'd.

Articles Imported	1 9 3 0	1 9 3 1
	Value	Value
	\$	\$
Cotton fabrics, piece dyed, n.o.p. -		
United Kingdom .....	1,652,374	1,079,452
United States .....	1,095,842	876,900
Belgium .....	22,039	62,232
Czecho-Slovakia .....	144,830	156,325
France .....	34,949	31,679
Germany .....	10,544	20,156
Italy .....	134,259	130,066
Japan .....	13,347	12,482
Netherlands .....	32,511	28,673
Switzerland .....	34,738	46,364
Other Countries .....	406	1,091
Total .....	3,175,839	2,445,420
Cotton fabrics, yarn dyed, n.o.p. -		
United Kingdom .....	345,436	132,285
United States .....	547,130	125,612
Belgium .....	74,541	53,152
Czecho-Slovakia .....	139,790	40,457
France .....	82,594	28,265
Germany .....	33,207	2,219
Italy .....	64,791	69,869
Switzerland .....	2,345	2,198
Other Countries .....	28,591	947
Total .....	1,318,425	455,004
Woven fabrics, wholly of cotton, imported by manu- facturers of corsets, for use exclusively in the manufacture of such articles in their own factories -		
United Kingdom .....	1,935	-
United States .....	62,800	-
Total .....	64,735	-
Woven fabrics, wholly of cotton, with cut pile, n.o.p. (velveteens and corduroys) -		
United Kingdom .....	423,365	249,267
United States .....	168,180	171,288
Belgium .....	51,201	35,005
France .....	46,430	16,173
Germany .....	24,424	3,669
Japan .....	11,003	9,996
Other Countries .....	12,286	6,686
Total .....	736,889	492,084

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. -- Imports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931. -- Cont'd.

Articles Imported	1 9 3 0	1 9 3 1
	Value	Value
	\$	\$
Woven fabrics of cotton, not coloured, imported exclusively for the manufacture of typewriter ribbons -		
United Kingdom .....	42,202	41,494
United States .....	8,890	5,691
Total .....	51,092	47,185
Knitted fabrics, wholly of cotton, in the web, imported by manufacturers of rubber boots and shoes for use exclusively in the manufacture of such articles in their own factories -		
United Kingdom .....	-	1,707
United States .....	86,203	62,904
Total .....	86,203	64,611
Embroideries, wholly of cotton, not coloured, imported by manufacturers for use exclusively in the manufacture of clothing in their own factories -		
Switzerland .....	4,015	4,493
Other Countries .....	1,576	1,003
Total .....	5,591	5,496
Embroideries, cotton, n.o.p. -		
United Kingdom .....	78,139	4,249
United States .....	12,559	5,619
France .....	10,584	5,094
Italy .....	3,458	2,995
Switzerland .....	33,708	39,674
Other Countries .....	35,368	1,745
Total .....	173,816	59,376
Lace, wholly of cotton, not coloured, imported by manufacturers for use exclusively in the manufacture of clothing in their own factories -		
United Kingdom .....	16,535	5,256
United States .....	14,823	7,620
Switzerland .....	1,897	2,648
Other Countries .....	9,900	2,717
Total .....	43,155	18,241

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931. - Cont'd.

Articles Imported	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Value \$	Quantity	Value \$
Lace, bobbinet, nets and netting, n.o.p., wholly of cotton -					
United Kingdom .....	-	-	499,954	-	288,790
United States .....	-	-	266,252	-	162,641
British India .....	-	-	3,762	-	2,390
China .....	-	-	29,415	-	9,464
France .....	-	-	99,627	-	107,819
Germany .....	-	-	87,264	-	12,948
Switzerland .....	-	-	60,434	-	43,629
Other Countries .....	-	-	10,152	-	3,993
Total .....	-	-	1,056,860	-	631,674
White cotton bobbinet, plain in the web -					
United Kingdom .....	-	-	9,798	-	6,546
Other Countries .....	-	-	610	-	40
Total .....	-	-	10,408	-	6,586
Blouses and shirtwaists, cotton -					
United States .....	-	-	4,970	-	9,047
Other Countries .....	-	-	1,463	-	1,839
Total .....	-	-	6,433	-	10,886
Collars and cuffs, cotton -					
United Kingdom .....	-	-	14,060	-	6,813
Other Countries .....	-	-	9,742	-	2,237
Total .....	-	-	23,802	-	9,050
Corsets of cotton -					
United States .....	-	-	5,257	-	40,900
Other Countries .....	-	-	591	-	1,418
Total .....	-	-	5,848	-	42,318
Gloves of cotton -					
United Kingdom .....	-	-	24,020	-	38,840
United States .....	-	-	50,888	-	8,049
Czecho-Slovakia .....	-	-	3,647	-	86,035
France .....	-	-	47,947	-	50,949
Germany .....	-	-	375,509	-	373,663

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries, 1930 and 1931. - Cont'd.

Articles Imported	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Value	Quantity	Value
			\$		\$
Gloves of cotton - Concl'd.					
Japan .....	-	-	-	-	8,749
Other Countries .....	-	-	1,336	-	1,334
Total .....	-	-	503,347	-	567,619
Socks and stockings, cotton -					
United Kingdom .....	Doz. Pr.	15,244	38,699	6,414	23,169
United States .....	" "	238,677	298,512	2,346	5,903
Germany .....	" "	31,275	55,020	3,993	12,155
Other Countries .....	" "	430,120	250,254	1,611	2,318
Total .....	" "	715,316	642,485	14,364	43,545
Shirts, <b>not</b> knitted, cotton -					
United Kingdom .....	-	-	35,136	-	8,514
United States .....	-	-	71,553	-	36,610
Other Countries .....	-	-	1,777	-	22
Total .....	-	-	108,466	-	45,206
Underwear, cotton, knitted -					
United Kingdom .....	-	-	11,656	-	16,469
United States .....	-	-	67,648	-	29,711
Czecho-Slovakia .....	-	-	4,805	-	20,992
Germany .....	-	-	43	-	3,563
Japan .....	-	-	36,823	-	39,455
Other Countries .....	-	-	6,911	-	1,090
Total .....	-	-	127,886	-	111,280
Cotton clothing, n.o.p. -					
United Kingdom .....	-	-	253,235	-	173,649
United States .....	-	-	747,378	-	626,313
Belgium .....	-	-	35,041	-	8,644
Czecho-Slovakia .....	-	-	12,837	-	8,859
France .....	-	-	68,556	-	51,165
Germany .....	-	-	19,057	-	12,567
Italy .....	-	-	1,504	-	3,069
Japan .....	-	-	42,245	-	16,976
Switzerland .....	-	-	15,554	-	11,373
Other Countries .....	-	-	6,669	-	5,644
Total .....	-	-	1,202,076	-	918,259

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. -- Imports of Cotton and Its Manufactures, by Principal Countries, 1930 and 1931. - Cont'd.

Articles Imported	1 9 3 0	1 9 3 1
	Value	Value
	\$	\$
Bags, seamless, cotton -		
United Kingdom .....	431	373
United States .....	12,279	4,369
Other Countries .....	1,761	418
Total .....	14,471	5,160
Bags, cotton, n.o.p. -		
United Kingdom .....	165	669
United States .....	56,881	18,996
Cuba .....	17,276	6,885
Other Countries .....	507	3,164
Total .....	74,829	29,714
Belting of cotton for machinery -		
United Kingdom .....	28,266	18,310
United States .....	37,400	18,551
Total .....	65,666	36,861
Blankets of cotton, not to include automobile or steamer rugs nor similar articles -		
United Kingdom .....	33,893	1,404
United States .....	122,309	4,390
Other Countries .....	137,591	1,852
Total .....	293,793	7,646
Boot, shoe, shirt and stay laces of cotton -		
United Kingdom .....	862	806
United States .....	9,775	3,210
Belgium .....	12,888	11,508
Other Countries .....	2,703	990
Total .....	26,228	16,514
Braided candle-wick, with or without wire centre, or braided taper-wick with or without wire centre, for use only in the manufacture of wax candles or wax tapers -		
United Kingdom .....	1,914	1,992
United States .....	8,612	9,899
Other Countries .....	1,149	1,336
Total .....	11,675	13,227

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931. - Cont'd.

Articles Imported	1 9 3 0	1 9 3 1
	Value	Value
	\$	\$
Curtains, cotton, n.o.p. -		
United Kingdom .....	222,689	138,552
United States .....	77,321	74,967
Austria .....	3,385	3,455
France .....	38,736	9,330
Italy .....	2,684	3,164
Switzerland .....	118,869	101,820
Other Countries .....	2,914	2,406
Total .....	466,598	333,694
Diapers, tray cloths, bath mats, wash cloths, table cloths, napkins, dresser scarves, consisting of woven fabrics, wholly of cotton -		
United Kingdom .....	45,807	34,440
United States .....	8,681	14,865
Belgium .....	1,581	3,641
China .....	-	4,232
Czecho-Slovakia .....	1,851	4,588
Germany .....	-	11,904
Japan .....	1,766	9,681
Azores and Madeira .....	2,628	4,916
Other Countries .....	848	5,215
Total .....	63,162	93,482
Duck, seamless cotton, in circular form, of a class or kind not made in Canada, for use in the manufacture of hose pipe -		
United Kingdom .....	199	540
United States .....	121,189	106,525
Total .....	121,388	107,065
Fringes and tassels, cotton -		
United Kingdom .....	5,671	1,438
United States .....	47,881	8,588
Other Countries .....	5,876	104
Total .....	59,428	10,130
Handkerchiefs, cotton -		
United Kingdom .....	607,988	361,867
United States .....	6,091	10,593
China .....	10,311	32,065
Czecho-Slovakia .....	4,704	7,989

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. -- Imports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931. -- Cont'd.

Articles Imported	1 9 3 0	1 9 3 1
	Value	Value
	\$	\$
Handkerchiefs, cotton -- Concl'd.		
France .....	8,327	8,836
Switzerland .....	230,028	143,559
Other Countries .....	17,985	2,948
Total .....	885,434	567,857
Mantle stocking for gas light --		
United States .....	17,632	8,435
Total .....	17,632	8,435
Quilts and counterpanes of cotton --		
United Kingdom .....	92,180	83,571
United States .....	6,568	33,587
China .....	-	3,377
Czecho-Slovakia .....	-	3,278
Italy .....	-	2,618
Japan .....	2,745	5,938
Switzerland .....	-	2,364
Other Countries .....	2,809	3,251
Total .....	104,302	137,984
Sheets and pillow cases of cotton, plain --		
United Kingdom .....	389,092	216,402
United States .....	18,724	9,852
China .....	-	13,557
Italy .....	-	4,085
Azores and Madeira .....	-	15,560
Other Countries .....	2,867	5,928
Total .....	410,683	265,384
Towels, cotton --		
United Kingdom .....	62,106	201,362
United States .....	60,346	187,984
Belgium .....	-	7,964
Czecho-Slovakia .....	3,422	3,814
Other Countries .....	3,645	8,261
Total .....	129,519	409,385

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 6. - Imports of Cotton and Its Manufactures, by Principal Countries, 1930 and 1931. - Concl'd.

Articles Imported	1 9 3 0	1 9 3 1
	Value	Value
	\$	\$
Articles made from woven fabrics and all textile manufactures, wholly or partially manufactured, composed wholly of cotton, n.o.p. -		
United Kingdom .....	581,286	195,785
United States .....	1,021,618	509,893
Belgium .....	26,481	6,995
China .....	6,595	9,395
Czecho-Slovakia .....	43,225	33,822
France .....	23,779	19,338
Germany .....	57,698	40,428
Italy .....	12,764	4,961
Japan .....	29,154	11,164
Netherlands .....	4,940	7,573
Azores and Madeira .....	3,917	10,411
Switzerland .....	7,196	13,614
Other Countries .....	8,667	5,371
Total .....	1,827,320	868,750
Summary of Imports of Cotton and Its Manufactures by Principal Countries -		
United Kingdom .....	10,151,725	6,646,440
United States .....	28,831,911	18,004,004
British India .....	16,685	10,709
Austria .....	14,339	10,243
Belgium .....	343,493	269,154
China .....	53,990	73,908
Cuba .....	22,342	7,191
Czecho-Slovakia .....	497,103	396,385
Egypt .....	133	171,051
France .....	638,745	452,596
Germany .....	813,549	527,466
Italy .....	270,682	279,092
Japan .....	457,507	214,552
Netherlands .....	190,407	128,419
Azores and Madeira .....	25,142	35,863
Switzerland .....	559,722	464,323
Other Countries .....	61,772	19,235
Total Imports of Cotton and Its Manufactures .....	42,949,247	27,710,631

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 7. — Exports of Cotton and Its Manufactures, by Principal Countries, 1930 and 1931.

Articles Exported	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Cotton Waste —					
United States .....	Cwt.	487	4,103	697	4,549
Newfoundland .....	"	286	3,155	139	1,161
Other Countries .....	"	14	195	17	210
Total .....	"	787	7,453	853	5,920
Rags —					
United Kingdom .....	Cwt.	18,850	170,047	15,000	108,418
United States .....	"	130,848	592,015	89,083	250,140
France .....	"	3,589	35,999	617	6,113
Other Countries .....	"	4,379	40,072	1,011	5,557
Total .....	"	157,666	838,133	105,711	370,228
Bags of cotton —					
United Kingdom .....	—	—	21,019	—	35,103
British Guiana .....	—	—	6,082	—	1,800
British Honduras .....	—	—	362	—	2,265
British West Indies .....	—	—	1,744	—	2,701
Belgium .....	—	—	3,350	—	2,363
France .....	—	—	1,980	—	1,596
St. Pierre and Miquelon .....	—	—	10,068	—	12,326
Italy .....	—	—	5,372	—	4,126
Netherlands .....	—	—	2,120	—	29,978
Norway .....	—	—	360	—	2,079
Other Countries .....	—	—	8,188	—	6,473
Total .....	—	—	60,645	—	100,810
Cotton Duck —					
United Kingdom .....	Yd.	56,839	32,490	51,758	13,601
United States .....	"	786	7,394	2,227	4,412
British Honduras .....	"	26,031	9,152	15,135	4,553
British West Indies .....	"	64,162	21,839	38,118	8,439
Newfoundland .....	"	42,846	40,183	20,570	35,339
New Zealand .....	"	60,697	30,109	25,366	10,508
Colombia .....	"	19,701	9,218	12,698	3,896
Denmark .....	"	—	—	45,655	9,580
Ecuador .....	"	3,676	2,620	5,154	2,456
Nicaragua .....	"	9,522	4,053	7,949	2,271
Norway .....	"	26,840	8,436	21,144	5,083
Russia .....	"	1,870	29,338	558	8,616

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 7. - Exports of Cotton and Its Manufactures, by Principal Countries, 1930 and 1931. - Cont'd.

Articles Exported	Unit of Measure	1930		1931	
		Quantity	Value \$	Quantity	Value \$
Cotton Duck - Concl'd.					
Venezuela .....	Yd.	35,307	14,580	22,250	5,842
Other Countries .....	"	44,213	25,644	32,746	11,865
Total .....	"	392,490	235,056	301,328	126,461
Cotton fabrics, n.o.p. -					
United Kingdom .....	Yd.	24,028	3,946	48,812	6,950
United States .....	"	12,424	5,086	2,442	931
Australia .....	"	-	-	131,561	51,880
British West Indies ....	"	2,594	345	7,478	1,473
Newfoundland .....	"	14,525	3,117	39,351	3,693
New Zealand .....	"	451,462	38,433	287,463	20,374
Belgium .....	"	33,075	4,907	12,448	2,319
Italy .....	"	74,531	11,145	46,696	7,008
Netherlands .....	"	7,284	1,131	14,700	2,231
Other Countries .....	"	96,037	12,642	37,817	6,046
Total .....	"	715,960	80,752	628,768	102,905
Cotton underwear -					
United Kingdom .....	-	-	30,494	-	22,999
British South Africa ...	-	-	26,168	-	35,084
British Guiana .....	-	-	3,390	-	3,088
British West Indies ....	-	-	8,883	-	11,088
Newfoundland .....	-	-	30,552	-	12,413
New Zealand .....	-	-	40,961	-	18,832
China .....	-	-	9,195	-	2,786
Other Countries .....	-	-	13,182	-	6,093
Total .....	-	-	162,825	-	112,383
Cotton clothing, n.o.p. -					
United Kingdom .....	-	-	270	-	2,016
United States .....	-	-	533	-	660
Bermuda .....	-	-	5,065	-	3,263
British West Indies ....	-	-	5,938	-	3,121
Newfoundland .....	-	-	38,203	-	15,822
New Zealand .....	-	-	11,126	-	3,147
China .....	-	-	654	-	2,957
St. Pierre and Miquelon.	-	-	6,997	-	3,978
Other Countries .....	-	-	5,781	-	2,914
Total .....	-	-	74,567	-	37,878

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 7. - Exports of Cotton and Its Manufactures, by Principal Countries, 1930 and 1931. - Cont'd.

Articles Exported	1 9 3 0	1 9 3 1
	Value	Value
	\$	\$
Clothing manufactures, n.o.p. -		
United Kingdom .....	148,301	119,249
United States .....	9,502	5,143
Australia .....	20,217	19,595
British South Africa .....	1,899	3,551
British West Indies .....	7,587	8,004
Newfoundland .....	16,023	10,223
New Zealand .....	32,776	16,313
Argentina .....	-	4,672
Japan .....	720	2,559
Mexico .....	5,566	2,495
Uruguay .....	1,723	2,456
Other Countries .....	18,831	6,643
Total .....	253,145	200,903

Summary of Exports of Cotton and Its Manufactures  
by Principal Countries -

United Kingdom .....	406,567	308,336
United States .....	619,069	265,851
Australia .....	21,302	72,933
British Guiana .....	11,571	7,653
British Honduras .....	9,967	7,519
British South Africa .....	29,068	39,300
British West Indies .....	52,262	38,303
Newfoundland .....	131,233	78,651
New Zealand .....	153,405	69,174
Argentina .....	806	5,163
Belgium .....	8,260	4,682
China .....	10,512	6,825
Colombia .....	13,143	4,433
Denmark .....	-	9,726
Ecuador .....	2,620	2,456
France .....	45,632	11,059
St. Pierre and Miquelon .....	23,784	19,513
Italy .....	16,517	11,134
Japan .....	2,881	3,646
Mexico .....	5,566	3,038
Netherlands .....	4,328	32,417
Nicaragua .....	4,053	2,271
Norway .....	9,276	8,191
Russia .....	29,338	8,616

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Table 7. - Exports of Cotton and Its Manufactures, by Principal Countries,  
1930 and 1931. - Concl'd.

Articles Exported	1 9 3 0	1 9 3 1
	Value	Value
	\$	\$
Summary of Exports of Cotton and Its Manufactures by Principal Countries - Concl'd.		
Uruguay .....	3,146	2,664
Venezuela .....	14,580	5,944
Other Countries .....	83,690	27,990
Total Exports of Cotton and Its Manufactures .....	1,712,576	1,057,488

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

SECTION I.

COTTON YARN AND CLOTH.

In 1931 reports were received from thirty-four establishments whose principal manufactured products were cotton yarn and cloth, this being an increase of one over the number reporting the previous year.

In that year these establishments had a gross value of production of \$43,136,423, a capital investment of \$74,023,179, consumed raw and other materials to the value of \$22,231,449 while the value added by manufacture was \$20,904,974. Employment was furnished to 15,802 persons who were paid \$12,362,032 in salaries and wages.

In comparison with 1930 there were the following variations. Production, a decline of \$5,556,455 or 11.4 per cent, Capital investment, a decline of \$4,519,625 or 5.8 per cent. The number of employees dropped 1,197 or slightly over 7 per cent, and the amount of salaries and wages decreased \$642,761 or almost 5 per cent. The cost of materials used showed a decline of \$5,744,125 or 20.5 per cent, while the value added by manufacture had a small increase over 1930 amounting to \$187,670. These variations are shown in detail in table 2.

The production of all cotton fabrics ranked first in importance in both 1931 and 1930. In 1931 there were 64,770,075 pounds, equal to 239,290,419 yards, valued at \$26,676,969 produced. Of this 31,912,830 pounds, or 108,038,717 yards, valued at \$10,502,799 consisted of grey cotton and 7,284,918 pounds, or 29,328,965 yards, with a value of \$3,778,305 was bleached cotton. The production of cheese cloth was 1,079,968 yards valued at \$62,806. The amount of printed and coloured cotton produced was 25,572,327 pounds or 101,922,737 yards worth \$12,395,865. Some of the more important items in the latter category were broadcloth with 3,387,689 pounds or 16,624,363 yards worth \$2,617,923, ducks and drill and denim 10,348,408 pounds or 20,869,800 yards valued at \$3,733,315, flannelette and other napped fabrics 5,348,387 pounds or 19,431,793 yards valued at \$2,508,412, and shirtings 1,316,565 pounds or 4,555,091 yards worth \$732,552.

In 1930 the production of all cotton fabrics including cheese cloth was 235,127,166 yards valued at \$31,873,740 and it will be observed that while there was a decrease in the value, in 1931, of \$5,133,965, there was an increase of 5,243,221 yards in the volume. In 1930 there were produced 92,968,688 yards of grey cotton valued at \$9,996,447, 66,638,785 yards of bleached cotton worth \$8,157,920 and printed and coloured cotton accounted for 74,605,787 yards worth \$13,652,830, of the balance.

Of grey cotton yarns for sale, there were produced in 1931 12,912,928 pounds valued at \$3,591,053, compared with 17,500,694 pounds valued at \$6,316,350 in 1930.

Tire fabrics was another important item of production, and in 1931 10,614,484 pounds of these fabrics valued at \$3,407,800 were produced, comparing with a production of 10,798,216 pounds worth \$4,045,284 in 1930. In this connection it will be noted that the volume was practically the same in the two years while value declined by \$637,484 in 1931.

# THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

## COTTON YARN AND CLOTH.

The principal raw material used in this industry is, of course, raw cotton. In 1931 there were consumed 90,616,041 pounds costing \$11,164,444 which was slightly over one-half the entire cost of all materials used. In 1930 96,982,551 pounds of raw cotton costing \$15,988,223 were used. Other important materials in 1931 were cotton yarns 3,880,299 pounds costing \$1,144,225, cotton waste 5,731,449 pounds costing \$368,241, dyes and colours \$1,012,322 and chemicals \$344,132. Packing and shipping materials cost \$254,399.

Tables 4 and 5 covering detailed statistics of all products and materials of the Cotton Textile Group of Industries will be found on pages 4 to 7 inclusive.

By referring to table 4, it will be noted that in 1931, sixteen establishments accounted for \$35,775,779 or almost 83 per cent of the gross value of production, twenty-three establishments supplied \$69,535,554 or nearly 94 per cent of the total amount of capital investment, and twenty-two establishments furnished employment to 14,687 persons or almost 93 per cent of the total number given employment.

Employment remained fairly steady in this industry in 1931. The month of highest employment was May with 16,085 wage-earners, and September with 13,818 was the lowest one. Corresponding figures for 1930 were April with 17,578 and September with 15,237.

The principal fuel consumed was bituminous coal. 113,762 tons costing \$639,827 were used in 1931 compared with a consumption of 111,959 tons costing \$644,472 in 1930. In 1931 the cost of electricity purchased for power was \$906,180 as against a cost of \$960,853 in 1930.

Of the thirty-four establishments reporting in 1931, fifteen were located in Quebec, fourteen in Ontario, four in New Brunswick and one in Nova Scotia. The fifteen plants in Quebec produced \$30,749,771 or 71.3 per cent of the gross value of production, supplied \$50,229,924 or 67.9 per cent of the capital investment, furnished employment to 10,294 employees, or 65.2 per cent of the total number employed. The salary and wage bill was \$8,071,269, or 65.3 per cent of the total, the cost of all materials used by these establishments was \$17,014,601, or 76.5 per cent, and the value added by manufacture was \$13,735,170, or 65.7 per cent of the total value.

Table 1. - Principal Statistics, 1924-1931.

Year	Estab- lish- ments Report- ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
1924 . . .	35	82,752,025	18,380	12,264,523	43,274,245	69,984,875	26,710,630
1925 . . .	37	83,610,686	20,497	14,285,586	44,793,622	72,781,517	27,987,895
1926 . . .	38	83,439,179	20,323	15,229,006	44,265,529	76,274,257	32,008,728
1927 . . .	39	84,927,745	21,383	17,146,927	39,297,188	75,818,876	36,521,688
1928 . . .	38	90,960,011	21,615	17,688,791	44,704,779	79,219,582	34,514,803

## THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

## COTTON YARN AND CLOTH.

Table 1. - Principal Statistics, 1924-1931. - Concl'd.

Year and Provinces	Estab-lish-ments Report-ing	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
<u>1929</u>							
CANADA .....	36	95,542,319	20,223	16,672,291	43,133,575	78,241,765	35,108,190
Quebec .....	17	65,026,747	13,688	11,214,572	32,787,887	59,147,128	26,359,241
Other Provinces.	19	30,515,572	6,535	5,457,719	10,345,688	19,094,637	8,748,949
<u>1930</u>							
CANADA .....	33	78,542,804	16,999	13,004,793	27,975,574	48,692,878	20,717,304
Quebec .....	14	53,871,463	11,195	8,475,201	20,400,009	34,321,573	13,921,564
Other Provinces	19	24,671,341	5,804	4,529,592	7,575,565	14,371,305	6,795,740
<u>1931</u>							
CANADA .....	34	74,023,179	15,802	12,362,032	22,231,449	43,136,423	20,904,974
Quebec .....	15	50,229,924	10,294	8,071,269	17,014,601	30,749,771	13,735,170
Other Provinces <sup>x</sup>	19	23,793,255	5,508	4,290,763	5,216,848	12,386,652	7,169,804

Other Provinces in 1931 include:

Ontario ..... 14 Establishments.  
 New Brunswick ..... 4 Establishments.  
 Nova Scotia ..... 1 Establishment.

Table 2. - Comparison of Principal Statistics, 1930 and 1931.

Items	1930	1931	∕ Increase - Decrease
Establishments reporting ..... No.	33	34	∕ 1
Capital invested ..... \$	78,542,804	74,023,179	- 4,519,625
Employees on salaries ..... Total No.	507	514	∕ 7
Male ..... No.	412	405	- 7
Female ..... No.	95	109	∕ 14
Salaries ..... \$	1,110,927	1,171,278	∕ 60,351
Employees on wages (Average) ..... No.	16,492	15,288	- 1,204
Male ..... No.	9,479	9,013	- 466
Female ..... No.	7,013	6,275	- 738
Total wages ..... \$	11,893,866	11,190,754	- 703,112
Power Equipment -			
Units ..... No.	2,477	3,113	∕ 636
Horse-power capacity ..... H.P.	76,746	81,770	∕ 5,024

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON YARN AND CLOTH.

Table 2. - Comparison of Principal Statistics, 1930 and 1931. - Concl'd.

Items	1 9 3 0	1 9 3 1	∕ Increase - Decrease
Cost of fuel and electricity .....	\$ 1,627,005	1,566,286	- 60,719
Cost of materials used .....	\$ 27,975,574	22,231,449	- 5,744,125
Gross value of products .....	\$ 48,692,878	43,136,423	- 5,556,455
Value added by manufacture .....	\$ 20,717,304	20,904,974	∕ 187,670

Table 3. - Capital Invested, 1927-1931.

Year and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, Buildings, Fixtures, Machinery, Tools, etc.	Materials on hand, Stocks in process, Fuel and Mis- cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$	\$
1927 .....	56,220,440	14,205,954		14,501,351	84,927,745
1928 .....	57,528,243	19,765,989		13,665,779	90,960,011
1929 .....	58,728,799	17,935,408		18,878,112	95,542,319
1930 .....	54,051,002	13,326,792		11,165,010	78,542,804
<u>1 9 3 1</u>					
CANADA .....	51,639,848	6,521,218	4,280,232	11,581,881	74,023,179
Quebec .....	35,893,703	5,164,207	2,286,869	6,880,145	50,229,924
Other Provinces .	15,741,145	1,357,011	1,993,363	4,701,736	23,793,255

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON YARN AND CLOTH.

Table 4. Size of Establishments in 1930 and 1931.

Establishments having a Production of:	1930			1931		
	Estab- lish- ments Report- ing	Amount	Average Production per Estab- lishment	Estab- lish- ments Report- ing	Amount	Average Production per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$500,000 .....	8	1,935,976	241,997	9	1,423,625	158,181
\$500,000 to under \$1,000,000 .....	6	4,959,313	826,552	9	5,936,999	659,667
\$1,000,000 and over ...	19	41,797,589	2,199,873	16	35,775,799	2,235,987
TOTAL AND AVERAGE ...	33	48,692,878	1,475,542	34	43,136,423	1,268,718
Establishments having a Capital Investment of:	Estab- lish- ments Report- ing	Capitaliz- ation	Average Capital per Estab- lishment	Estab- lish- ments Report- ing	Capitaliz- ation	Average Capital per Estab- lishment
	No.	\$	\$	No.	\$	\$
	No.	\$	\$	No.	\$	\$
Under \$500,000 .....	7	2,334,069	333,438	8	2,293,728	286,716
\$500,000 to under \$1,000,000 .....	3	2,536,382	845,461	3	2,193,897	731,299
\$1,000,000 and over ...	23	73,672,353	3,203,146	23	69,535,554	3,023,285
TOTAL AND AVERAGE ...	33	78,542,804	2,380,085	34	74,023,179	2,177,152
Establishments having an Average Employment of:	Estab- lish- ments Report- ing	Number of Employees	Average Number of Employees per Estab- lishment	Estab- lish- ments Report- ing	Number of Employees	Average Number of Employees per Estab- lishment
	No.	No.	No.	No.	No.	No.
	No.	No.	No.	No.	No.	No.
Less than 100 persons ..	3	148	49.3	6	247	41.2
100 to under 200 " ..	7	945	135.0	6	868	144.6
200 to under 500 " ..	10	3,678	367.8	12	4,574	381.2
500 and over " ..	13	12,228	940.6	10	10,113	1011.3
TOTAL AND AVERAGE ...	33	16,999	515.1	34	15,802	464.8

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON YARN AND CLOTH.

Table 5. - Employees, Salaries and Wages, 1930 and 1931.

			1930	1931
Salaried Employees	Total .....	No.	507	514
	Male .....	No.	412	405
	Female .....	No.	95	109
	Total Salaries .....	\$	1,110,927	1,171,278
Wage-earners (Monthly Average)	Total .....	No.	16,492	15,288
	Male .....	No.	9,479	9,013
	Female .....	No.	7,013	6,275
	Total Wages .....	\$	11,893,866	11,190,754
Total Employees	Total .....	No.	16,999	15,802
	Male .....	No.	9,891	9,418
	Female .....	No.	7,108	6,384
	Salaries and Wages ..	\$	13,004,793	12,362,032

Table 6. - Monthly Employment of Wage-earners, 1930 and 1931.

Months	1930			1931		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January .....	9,808	7,323	17,131	9,471	6,554	16,025
February .....	9,773	7,103	16,876	9,369	6,396	15,765
March .....	9,651	7,091	16,742	9,348	6,486	15,834
April .....	10,096	7,482	17,578	9,213	6,494	15,707
May .....	9,881	7,404	17,285	9,361	6,724	16,085
June .....	9,374	6,975	16,349	9,157	6,399	15,556
July .....	9,035	6,668	15,703	8,693	6,051	14,744
August .....	8,869	6,547	15,416	8,510	5,936	14,446
September .....	8,781	6,456	15,237	8,149	5,669	13,818
October .....	9,215	6,886	16,101	8,353	5,770	14,123
November .....	9,626	7,076	16,702	9,124	6,275	15,399
December .....	9,641	7,154	16,795	9,404	6,384	15,788
Monthly Average ..	9,479	7,013	16,492	9,013	6,275	15,288

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON YARN AND CLOTH.

Table 7. -- Number of Wage-earners in Month of Highest Employment whose Regular Hours of Work in 1931 were:

No. of Hours	Number of Employees	No. of Hours	Number of Employees
40 hours or less .....	779	51-53 hours .....	161
41-43 hours .....	16	54 hours .....	-
44 hours .....	4	55 hours .....	12,118
45-47 hours .....	443	56-59 hours .....	13
48 hours .....	41	60 hours .....	1,189
49-50 hours .....	3,064	Over 60 hours .....	40

The above table does not include overtime.

Table 8. -- Power Equipment, 1930 and 1931.

Classes of Power	1930		1931	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines	30	9,162	30	9,027
Hydraulic turbines or water wheels .....	46	23,900	47	24,200
Electric motors operated by purchased power .....	2,401	43,684	3,036	48,543
Total Power Used in Manufacturing .....	2,477	76,746	3,113	81,770
Electric motors operated by power generated in the establishment .....	2,583	22,331	3,051	20,858
Total Electric Motors .....	4,984	66,015	6,087	69,401
Boiler installation .....	125	23,079	119	21,750

## THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

## COTTON YARN AND CLOTH.

Table 9. - Consumption of Fuel and Electricity, 1930 and 1931.

Kinds of Fuel	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Cost Value	Quantity	Cost Value
			at Factory		at Factory
			\$		\$
Coal: --	Ton				
Bituminous .....	(2000 Lbs.)	111,959	644,472	113,762	639,827
Anthracite .....	"	329	2,301	1	18
Coke (for fuel only) ..	"	2,892	8,602	3,139	7,876
Gasoline .....	Gal. (Imp.)	32,755	8,076	42,929	9,687
Kerosene or coal oil ..	"	500	105	400	84
Fuel or diesel oil ...	"	12,673	992	3,234	180
Wood .....	Cord	-	-	-	14
Gas, manufactured or natural .....	M cu. ft.	1,571	1,604	2,360	2,420
Total Cost of Fuel	--	--	666,152	-	660,106
Electricity purchased for power (including service charges) ....	K.W.H.	--	960,853	79,485,070	906,180
Total Cost of Fuel and Electricity	--	--	1,627,005	-	1,566,286

Table 10. - Machinery and Equipment, 1930 and 1931.

	1 9 3 0	1 9 3 1
	No.	No.
Sets of Cards --		
Mule .....	45	28
Frame .....	3,474	1,952
Other .....	293	1,914
Spindles --		
Mule spinning .....	-	107,784
Frame spinning .....	-	4,776,898
Other .....	-	33,628
Twisting and doubling, mule .....	2,180	1,680
Twisting and doubling, frame .....	116,544	114,806
Twisting and doubling, all other .....	2,884	15,662
Winding .....	148	8,291
Filling .....	-	400
Spoolers .....	-	1,131
Others .....	121	-

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON YARN AND CLOTH.

Table 10. - Machinery and Equipment, 1930 and 1931. - Concl'd.

	1 9 3 0	1 9 3 1
	No.	No.
Total spindles in operation during the year -		
Mule .....	118,820	66,039
Frame .....	817,865	3,872,855
All other .....	21,095	20,026
Total spindles idle during the year -		
Mule .....	24,070	38,045
Frame .....	219,527	950,541
All other .....	23,245	15,992
Looms -		
Less than 28 inches wide .....	210	166
From 28 inches to 32 inches wide .....	1,043	501
From 32 inches to 36 inches wide .....	2,686	1,723
More than 36 inches wide .....	20,356	21,159
All other looms .....	116	366
Braiders .....	908	1,005
Reelers .....	-	57
Warpers .....	-	54
All other machines and equipment .....	24	243

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

SECTION II.

COTTON THREAD.

In 1931 reports were received from five establishments whose chief item of production was cotton thread. These plants reported a gross value of production of \$3,308,520, a capital investment of \$4,036,204 and 650 employees, salaried and otherwise who were paid \$612,938 in salaries and wages. The cost of materials used was \$1,299,332 and the value added by manufacture amounted to \$2,009,188.

Three of these plants were located in Quebec, and the other two in Ontario, they represented a decrease of two in the number reporting in 1930.

The gross value of production also decreased in 1931 by \$508,348 or 13.3 per cent, capital investment by \$177,871, or 4.2 per cent, the number of employees by 46 and salaries and wages by \$25,977. The cost of materials used was lower by \$278,329, or 17.7 per cent and the value added by manufacture declined \$230,019, or 10.3 per cent.

The principal and practically the only production in this industry in 1931 consisted of threads of cotton, silk and artificial silk to the value of \$3,277,278. Similar production in 1930 was valued at \$3,786,923. A detailed table of production, table 4, for the Cotton Textile Group will be found on pages 4 to 6.

The principal materials used in the Cotton Thread Industry are yarns of cotton, silk and artificial silk, dyes, colours and chemicals and spools and spool wood. It is not possible to furnish detailed statistics of these items without disclosing the operations of less than three establishments, but in some cases they are included in table 5 on pages 6 and 7 covering materials used by the Cotton Textile Group.

Table 1. - Principal Statistics, 1924-1931.

Year	Estab- lish- ments Report- ing	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
1924 .....	5	4,496,274	717	674,805	1,967,976	3,654,784	1,686,808
1925 .....	5	4,596,366	708	660,527	2,036,552	3,921,862	1,885,310
1926 .....	5	4,154,658	774	686,858	2,360,350	4,538,217	2,177,867
1927 .....	5	4,279,408	778	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
1931 .....	5	4,036,204	650	612,938	1,299,332	3,308,520	2,009,188

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON THREAD.

Table 2. - Comparison of Principal Statistics, 1930 and 1931.

Items	1930	1931	✓ Increase - Decrease
Establishments reporting .....	No. 7	5	- 2
Capital invested .....	\$ 4,214,075	4,036,204	- 177,871
Employees on salaries .....	Total No. 89	88	- 1
Male .....	No. 60	64	✓ 4
Female .....	No. 29	24	- 5
Salaries .....	\$ 176,820	188,244	✓ 11,424
Employees on wages .....	(Average) No. 607	562	- 45
Male .....	No. 177	159	- 18
Female .....	No. 430	403	- 27
Total wages .....	\$ 462,095	424,694	- 37,401
Power equipment -			
Units .....	No. 318	344	✓ 26
Horse-power capacity .....	H.P. 1,987	1,873	- 114
Cost of fuel and electricity .....	\$ 57,379	53,448	- 3,931
Cost of materials used .....	\$ 1,577,661	1,299,332	- 278,329
Gross value of products .....	\$ 3,816,868	3,308,520	- 508,348
Value added by manufacture .....	\$ 2,239,207	2,009,188	- 230,019

Table 3. - Capital Invested, 1927-1931.

Year	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, fuel and mis- cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$	\$
1927 .....	1,801,687	1,699,388		778,333	4,279,408
1928 .....	1,690,694	1,959,867		707,160	4,357,721
1929 .....	1,689,357	1,734,887		765,886	4,190,130
1930 .....	1,733,783	1,478,505		1,001,787	4,214,075
1931 .....	1,763,777	672,134	532,513	1,067,780	4,036,204

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON THREAD.

Table 4. - Employees, Salaries and Wages, 1930 and 1931.

	1930	1931
Salaried employees ..... Total No.	89	88
Male ..... No.	60	64
Female ..... No.	29	24
Total salaries ..... \$	176,820	188,244
Wage-earners (Monthly Average) ..... Total No.	607	562
Male ..... No.	177	159
Female ..... No.	430	403
Total wages ..... \$	462,095	424,694
All employees ..... Total No.	696	650
Male ..... No.	237	223
Female ..... No.	459	427
Salaries and wages ..... \$	638,915	612,938

Table 5. - Monthly Employment of Wage-earners, 1930 and 1931.

Months	1930			1931		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January .....	179	440	619	165	393	558
February .....	179	444	623	160	396	556
March .....	179	441	620	162	406	568
April .....	178	434	612	163	405	568
May .....	179	430	609	161	408	569
June .....	176	429	605	160	406	566
July .....	176	426	602	157	405	562
August .....	174	420	594	155	406	561
September .....	175	419	594	155	407	562
October .....	181	432	613	155	404	559
November .....	175	427	602	154	400	554
December .....	174	405	579	156	400	556
Monthly Average ....	177	430	607	159	403	562

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON THREAD.

Table 6. - Number of Wage-earners in Month of Highest Employment whose Regular Hours of Work in 1931 were: -

No. of Hours worked per week	Number of Employees	No. of Hours worked per week	Number of Employees
40 hours or less .....	41	51-53 hours .....	-
41-43 hours .....	1	54 hours .....	-
44 hours .....	76	55 hours .....	-
45-47 hours .....	-	56-59 hours .....	-
48 hours .....	-	60 hours .....	-
49-50 hours .....	458	Over 60 hours .....	3

The above table does not include overtime.

Table 7. - Power Equipment, 1930 and 1931.

Classes of Power	1 9 3 0		1 9 3 1	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Electric motors operated by purchased power .....	318	1,987	344	1,873
Total Power Used in Manufacturing .....	318	1,987	344	1,873
Boiler installation .....	6	790	6	790

Table 8. - Consumption of Fuel and Electricity, 1930 and 1931.

Kinds of Fuel	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal: -	Ton		\$		\$
Bituminous .....	(2000 Lbs.)	2,611	16,343	2,807	16,988
Anthracite .....	"	12	74	10	47
Lignite .....	"	101	798	-	-
Kerosene or coal oil	Gal. (Imp.)	5	1	-	-
Gas, natural or manufactured .....	M cu. ft.	21	27	16	17
Other fuel .....	-	-	8,160	-	7,378
Total Cost of Fuel	-	-	25,403	-	24,430

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON THREAD.

Table 8. - Consumption of Fuel and Electricity, 1930 and 1931. - Concl'd.

Kinds of Fuel	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Carried Forward .....	-	-	\$	-	\$
Electricity purchased for power (including service charges) .....	K.W.H.	-	25,403	-	24,430
		-	31,976	1,700,823	29,018
Total Cost of Fuel and Electricity .....	-	-	57,379	-	53,448

Table 9. - Machinery and Equipment, 1930 and 1931.

	1 9 3 0	1 9 3 1
	No.	No.
Spindles -		
Twisting and doubling .....	37,992	34,487
Winding .....	278	1,450
Others .....	3,823	1,656
Cops and rewinding drums .....	-	1,416
Swift spooling drums .....	-	288
Other machinery and equipment .....	11	193

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

SECTION III.

COTTON AND WOOL WASTE.

It is not possible to compare manufacturing operations in the Cotton and Wool Waste Industry for the years 1930 and 1931 as several establishments, whose operations were included in the report on Cotton Textiles, N. E. S., in 1930 have been transferred to, and are included in the Cotton and Wool Waste report for 1931. While the tables contain figures for 1930 as well as for 1931, they are merely inserted for reference purposes, and no attempt has been made to make a comparison between the two years.

Reports were received from fourteen establishments in 1931, who reported a gross value of production of \$1,285,120, capital investment of \$813,063, an employment list of 204 persons and a salary and wage bill of \$194,693. The cost of materials used was \$898,609 while the value added by manufacture amounted to \$386,511.

The principal manufactured product in this industry in 1931 was waste of cotton and of wool of which 5,270,679 pounds valued at \$555,349 was produced. In the same year, 8,312,477 pounds of wipers and rags, valued at \$460,685 were also produced. Other chief items were cotton and jute waste, batts and batting, cotton mops and cheese cloth. The chief materials included waste of all kinds, wipers, yarns, rags, clippings, mill ends, sweepings and cheese cloth.

It is impossible to publish detailed statistics covering the products and materials of this industry, for by doing so, operations of individual establishments would be disclosed. In some cases the figures are included in tables 4 and 5 on pages 4 to 7 inclusive.

Table 1. Principal Statistics, 1924-1931.

Year	Estab- lish- ments Report- ing No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$	Value added by Manufacture \$
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
1931.	14	813,063	204	194,693	898,609	1,285,120	386,511

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON AND WOOL WASTE.

Table 2. - Comparison of Principal Statistics, 1930 and 1931.

Items	1 9 3 0	1 9 3 1	∕ Increase - Decrease
Establishments reporting .....	No. 7	14	∕ 7
Capital invested .....	\$ 1,041,227	813,063	- 228,164
Employees on salaries .....	Total No. 17	40	∕ 23
Male .....	No. 11	27	∕ 16
Female .....	No. 6	13	∕ 7
Salaries .....	\$ 35,299	81,750	∕ 46,451
Employees on wages (Average) .....	No. 169	164	- 5
Male .....	No. 116	92	- 24
Female .....	No. 53	72	∕ 19
Total wages .....	\$ 141,635	112,943	- 28,692
Power equipment -			
Units .....	No. 47	54	∕ 7
Horse-power capacity .....	H.P. 895	921	∕ 26
Cost of fuel and electricity .....	\$ 10,082	23,869	∕ 13,787
Cost of materials used .....	\$ 1,143,574	898,609	- 244,965
Gross value of products .....	\$ 1,494,501	1,285,120	- 209,381
Value added by manufacture .....	\$ 350,927	386,511	∕ 35,584

Table 3. - Capital Invested, 1927-1931.

Years	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, fuel and mis- cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$	\$
1927 .....	476,921	361,014		250,891	1,088,826
1928 .....	539,072	385,019		224,332	1,148,423
1929 .....	507,190	404,552		211,076	1,122,818
1930 .....	498,133	360,056		183,038	1,041,227
1931 .....	407,800	220,043	81,709	101,511	813,063

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON AND WOOL WASTE.

Table 4. - Employees, Salaries and Wages, 1930 and 1931.

	1930	1931
Salaried employees ..... Total No.	17	40
Male ..... No.	11	27
Female ..... No.	6	13
Total salaries ..... \$	35,299	81,750
Wage-earners - (Monthly Average) ..... No.	169	164
Male ..... No.	116	92
Female ..... No.	53	72
Total wages ..... \$	141,635	112,943
All employees ..... Total No.	186	204
Male ..... No.	127	119
Female ..... No.	59	85
Salaries and wages ..... \$	176,934	194,693

Table 5. - Monthly Employment of Wage-earners, 1930 and 1931.

Months	1930			1931		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January .....	114	61	175	90	73	163
February .....	114	62	176	98	77	175
March .....	103	58	161	97	75	172
April .....	102	55	157	102	82	184
May .....	99	54	153	96	76	172
June .....	110	54	164	100	78	178
July .....	109	51	160	76	54	130
August .....	106	50	156	85	74	159
September .....	109	49	158	84	76	160
October .....	116	50	166	81	74	155
November .....	119	47	166	88	71	159
December .....	116	46	162	99	73	172
Monthly Average .....	116	53	169	92	72	164

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON AND WOOL WASTE.

Table 6. - Number of Wage-earners in Month of Highest Employment whose Regular Hours of Work in 1931 were: -

No. of Hours Worked per Week	Number of Employees	No. of Hours Worked per Week	Number of Employees
40 hours or less .....	4	51-53 hours .....	12
41-43 hours .....	-	54 hours .....	12
44 hours .....	67	55 hours .....	34
45-47 hours .....	12	56-59 hours .....	-
48 hours .....	-	60 hours .....	-
49-50 hours .....	57	Over 60 hours .....	-

The above table does not include overtime.

Table 7. - Power Equipment, 1930 and 1931.

Classes of Power	1 9 3 0		1 9 3 1	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Electric motors operated by purchased power ....	47	895	54	921
Total Power Used in Manufacturing .....	47	895	54	921
Boiler installation ....	5	320	9	565

Table 8. - Consumption of Fuel and Electricity, 1930 and 1931.

Kinds of Fuel	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal: -	Ton				
Bituminous .....	(2000 Lbs.)	763	5,171	1,333	9,926
Anthracite .....	"	-	-	12	186
Total Cost of Fuel .....	-	-	5,171	-	10,112
Electricity purchased (including service charges) .....	K.W.H.	-	4,911	940,089	13,757
Total Cost of Fuel and Electricity	-	-	10,082	-	23,869

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

SECTION IV.

COTTON BATTING AND WADDING.

Owing to the fact that a re-alignment was made in the Batting and Wadding Industry through which certain manufactures included in this industry in 1930 were transferred to others in 1931, it is impossible to make an equitable comparison of the two years. For the purpose of reference, however, statistics covering both 1930 and 1931 are included in the tables comprising this report.

In 1931 reports were received from six establishments, four in Ontario and two in Quebec, which reported a gross value of production of \$721,782, a capital investment of \$1,366,925, an employment list of 125 persons who were paid \$156,719 in salaries and wages, a consumption of raw and other materials to the value of \$402,152, and the value added by their manufacture of \$319,630.

The chief items of production in 1931 were automobile batts and pads, cotton felt, jute and jute batting and absorbent gauze. It is impossible to furnish detailed statistics of these products for by so doing, the output of individual plants would be divulged. They are included to some extent in table 4 on pages 4 to 6 showing the total production of the Cotton Textile Group of industries.

Some of the more important materials include raw cotton, linters, waste cotton, surgical gauzes, cheese cloth, felt and chemicals. The same restrictions apply to materials as to products, and table 5 on pages 6 and 7 covers the principal materials used in the Cotton Textile Group.

Table 1. - Principal Statistics, 1924-1931.

Years	Estab- lish- ments Report- ing No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$	Value added by Manufacture \$
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
1931 .....	6	1,366,925	125	156,719	402,152	721,782	319,630

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON BATTING AND WADDING.

Table 2. - Comparison of Principal Statistics, 1930 and 1931.

Items	1930	1931	/ Increase - Decrease
Establishments reporting ..... No.	8	6	- 2
Capital invested ..... \$	2,665,952	1,366,925	- 1,299,027
Employees on salaries ..... Total No.	56	17	- 39
Male ..... No.	33	13	- 20
Female ..... No.	23	4	- 19
Salaries ..... \$	141,541	58,934	- 82,607
Employees on wages (Average) ..... No.	214	108	- 106
Male ..... No.	119	86	- 33
Female ..... No.	95	22	- 73
Total wages ..... \$	205,585	97,785	- 107,800
Power equipment -			
Units ..... No.	98	45	- 53
Horse-power capacity ..... H.P.	709	580	- 129
Cost of fuel and electricity ..... \$	24,785	15,909	- 8,876
Cost of materials used ..... \$	1,447,880	402,152	- 1,045,728
Gross value of products ..... \$	2,934,695	721,782	- 2,212,913
Value added by manufacture ..... \$	1,486,815	319,630	- 1,167,185

Table 3. - Capital Invested, 1927-1931.

Years	Fixed Capital	Working Capital				Total Capital
	Land, buildings, fixtures, machinery tools, etc.	Materials on hand, Stocks in process, fuel and mis- cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.		
	\$	\$	\$	\$		\$
1927 .....	1,368,439	651,621		864,971		2,885,031
1928 .....	1,083,272	775,036		964,368		2,822,676
1929 .....	1,095,763	798,421		871,466		2,765,650
1930 .....	1,195,465	669,014		801,473		2,665,952
1931 .....	798,957	220,815	128,015	219,138		1,366,925

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON BATTING AND WADDING.

Table 4. - Employees, Salaries and Wages, 1930 and 1931.

	1930	1931
Salaried employees ..... Total No.	56	17
Male ..... No.	33	13
Female ..... No.	23	4
Total salaries ..... \$	141,541	58,934
Wage-earners (Monthly Average) ..... No.	214	108
Male ..... No.	119	86
Female ..... No.	95	22
Total wages ..... \$	205,585	97,785
All employees ..... Total No.	270	125
Male ..... No.	152	99
Female ..... No.	118	26
Salaries and wages ..... \$	347,126	156,719

Table 5. - Monthly Employment of Wage-earners, 1930 and 1931.

Months	1930			1931		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January .....	123	95	218	78	23	101
February .....	133	95	228	83	23	106
March .....	130	96	226	85	23	108
April .....	123	94	217	89	22	111
May .....	116	92	208	90	21	111
June .....	120	96	216	86	21	107
July .....	118	92	210	86	22	108
August .....	114	95	209	84	22	106
September .....	114	94	208	86	20	106
October .....	108	98	206	87	20	107
November .....	113	93	206	85	20	105
December .....	110	86	196	85	20	105
Monthly Average .....	119	95	214	86	22	108

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON BATTING AND WADDING.

Table 6. - Number of Wage-earners in Month of Highest Employment whose Regular Hours of Work in 1931 were: -

No. of Hours Worked per Week	Number of Employees	No. of Hours Worked per Week	Number of Employees
40 hours or less .....	9	51-53 hours .....	1
41-43 hours .....	-	54 hours .....	1
44 hours .....	56	55 hours .....	8
45-47 hours .....	5	56-59 hours .....	1
48 hours .....	3	60 hours .....	3
49-50 hours .....	28	Over 60 hours .....	3

The above table does not include overtime.

Table 7. - Power Equipment, 1930 and 1931.

Classes of Power	1 9 3 0		1 9 3 1	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Electric motors operated by purchased power .....	98	709	45	580
Total Power Used in Manufacturing .....	98	709	45	580
Boiler installation .....	5	365	2	200

Table 8. - Consumption of Fuel and Electricity, 1930 and 1931.

Kinds of Fuel	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal: -	Ton		\$		\$
Bituminous .....	(2000 Lbs.)	1,992	12,673	794	4,799
Fuel or diesel oil .....	Gal. (Imp.)	4,381	460	3,308	339
Gas, manufactured .....	M cu. ft.	267	226	-	-
Total Cost of Fuel .	-	-	13,359	-	5,138
Electricity purchased (including service charges) .....	K.W.H.	-	11,426	640,292	15,909
Total Cost of Fuel and Electricity .....	-	-	24,785	-	21,047

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

SECTION V.

COTTON TEXTILES, N.E.S.

This section of the Cotton Textile Group comprises all establishments using basic raw materials of which cotton is the chief component and which cannot properly be classified in the other sections. The production covers a great variety of articles, the principal ones in 1931 being comforters of cotton, down and wool, curtains and curtain material, bedspreads, pillows and cushions, quilted goods, runners, scarves and drapes, couch and mattress covers, tailor's supplies, such as canvas fronts, pads, etc., rubber thread and elastic, and aprons, gaiters and spats. A detailed table of production has not been published, for in numerous instances it would disclose the output of less than three establishments. Table 4 on pages 4 to 6 covering the total production of the five sections of the Cotton Textile Group includes also the production of the Cotton N.E.S. Group for 1931 amounting to \$2,535,087.

Reports were received from thirty-four establishments classified in this section in 1931. It would appear that this is an increase of twelve over the number reporting in 1930, but such is not the case. Eight of the twelve were transferred from other sections of the Cotton Textile Group, while four reported their operations for the first time. Under these circumstances a comparison of operations for the two years would mean very little, and while the detailed tables include figures for 1930, they are inserted for reference purposes only and no attempt is made to reconcile the results of the two years.

Of the thirty-four establishments, eighteen were located in Ontario, fourteen in Quebec and one each in Manitoba and Alberta. By referring to table 1 it will be observed that the larger proportion of production, capital, etc., is provided by the province of Quebec. The gross value of production was \$2,535,087, capital investment was \$1,943,741 and employment was furnished to 796 persons who were paid \$661,608 in salaries and wages. The cost of raw and other materials used was \$1,379,166 while the value added by manufacture amounted to \$1,155,921.

Some of the principal materials used in this industry consist of fabrics of cotton, silk, artificial silk and canvas, Waste, kapok and felt, Cotton and artificial silk yarns and thread, Lace, embroidery, tapes, bindings, etc., wadding, shoddy and batts and rubber thread and elastic.

It is impossible to publish a detailed table of materials used, and they are included with those of the other four sections in table 5 on pages 6 and 7 covering all materials used in the Cotton Textile Group.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON TEXTILES, N.E.S.

Table 1. - Principal Statistics, 1924-1931.

Years and Provinces	Estab-lish-ments Report-ing	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products	Value added by Manufacture
	No.	\$	No.	\$	\$	\$	\$
1924 .....	17	942,417	287	271,846	720,344	1,348,718	628,374
1925 .....	15	923,761	272	266,752	925,694	1,398,667	472,973
1926 .....	16	878,754	323	280,982	985,746	1,524,106	538,360
1927 .....	18	1,048,250	389	316,157	1,099,234	1,697,273	598,039
1928 .....	21	1,163,466	460	364,915	1,231,922	2,013,074	781,152
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
<u>1 9 3 1</u>							
CANADA .....	34	1,943,741	796	661,608	1,379,166	2,535,087	1,155,921
Quebec .....	14	1,151,523	515	416,061	770,970	1,436,964	665,994
Other Provinces <sup>x</sup> .....	20	792,218	281	245,547	608,196	1,098,123	489,927

<sup>x</sup> Other Provinces include: -

Ontario ..... 18 Establishments.  
Manitoba ..... 1 Establishment.  
Alberta ..... 1 Establishment.

Table 2. - Comparison of Principal Statistics, 1930 and 1931.

Items	1 9 3 0	1 9 3 1	↑ Increase - Decrease
Establishments reporting .....	No. 22	34	↑ 12
Capital invested .....	\$ 1,125,649	1,943,741	↑ 818,092
Employees on salaries .....	Total No. 52	94	↑ 42
Male .....	No. 34	66	↑ 32
Female .....	No. 18	28	↑ 10
Salaries .....	\$ 121,591	172,251	↑ 50,660
Employees on wages (Average) .....	No. 387	702	↑ 315
Male .....	No. 90	223	↑ 133
Female .....	No. 297	479	↑ 182
Total wages .....	\$ 272,590	489,357	↑ 216,767
Power equipment -			
Units .....	No. 70	210	↑ 140
Horse-power capacity .....	H.P. 502	543	↑ 41
Cost of fuel and electricity .....	\$ 14,189	29,512	↑ 15,323
Cost of materials used .....	\$ 943,511	1,379,166	↑ 435,655
Gross value of products .....	\$ 1,648,424	2,535,087	↑ 886,663
Value added by manufacture .....	\$ 704,913	1,155,921	↑ 451,008

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON TEXTILES, N.E.S.

Table 3. - Capital Invested, 1927-1931.

Years and Provinces	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools, etc.	Materials on hand, Stocks in process, fuel and mis- cellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, prepaid expenses, etc.	
	\$	\$	\$	\$	\$
1927 .....	334,579	359,122		354,549	1,048,250
1928 .....	361,568	355,566		446,332	1,163,466
1929 .....	439,894	387,133		537,103	1,364,130
1930 .....	339,160	368,816		417,673	1,125,649
1 9 3 1					
CANADA .....	808,949	364,579	141,143	629,070	1,943,741
Quebec .....	437,400	223,162	69,262	421,699	1,151,523
Other Provinces.	371,549	141,417	71,881	207,371	792,218

Table 4. - Size of Establishments in 1930 and 1931.

Establishments having a Production of:	1 9 3 0			1 9 3 1		
	Estab- lish- ments Report- ing	Amount	Average Production per Estab- lishment	Estab- lish- ments Report- ing	Amount	Average Production per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000 .....	10	77,081	7,708	19	288,650	15,192
\$50,000 to under \$100,000 .....	5	297,883	59,577	7	568,258	81,179
\$100,000 and over ..	7	1,273,460	181,923	8	1,678,179	209,772
Total and Average .....	22	1,648,424	74,928	34	2,535,087	74,561

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON TEXTILES, N.E.S.

Table 4. - Size of Establishments in 1930 and 1931. - Concl'd.

Establishments having a Capital Investment of:	1 9 3 0			1 9 3 1		
	Estab- lish- ments Report- ing	Capitaliz- ation	Average Capital per Estab- lishment	Estab- lish- ments Report- ing	Capitaliz- ation	Average Capital per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$50,000 .....	16	245,210	61,302	21	249,522	11,882
\$50,000 to under \$100,000 .....	3	240,246	80,082	8	533,925	66,741
\$100,000 and over ..	3	640,193	213,398	5	1,160,294	232,059
Total and Average .....	22	1,125,649	51,166	34	1,943,741	57,169
Establishments having an average Employment of:	Estab- lish- ments Report- ing	Number of Employees	Average No. of employees per Estab- lishment	Estab- lish- ments Report- ing	Number of Employees	Average No. of employees per Estab- lishment
	No.	No.	No.	No.	No.	No.
	No.	No.	No.	No.	No.	No.
Under 20 employees .	16	107	6.7	21	132	6.3
20 to under 50 employees .....	2	62	31.0	9	265	29.4
Over 50 employees ..	4	270	67.5	4	399	99.7
Total and Average .....	22	439	19.9	34	796	23.4

Table 5. - Employees, Salaries and Wages, 1930 and 1931.

	1 9 3 0	1 9 3 1
Salaried Employees .....	Total No.	
Male .....	No.	
Female .....	No.	
Salaries .....	\$	
	52	94
	34	66
	18	28
	121,591	172,251
Wage-earners (Monthly Average) .....	No.	
Male .....	No.	
Female .....	No.	
Total wages .....	\$	
	387	702
	90	223
	297	479
	272,590	489,357

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON TEXTILES, N.E.S.

Table 5. - Employees, Salaries and Wages, 1930 and 1931. - Concl'd.

	1930	1931
All Employees ..... Total No.	439	796
Male ..... No.	124	289
Female ..... No.	315	507
Salaries and wages ..... \$	394,181	661,608

Table 6. - Monthly Employment of Wage-earners, 1930 and 1931.

Months	1930			1931		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
January .....	85	307	392	203	454	657
February .....	85	304	389	199	470	669
March .....	87	304	391	212	497	709
April .....	85	300	385	222	506	728
May .....	88	288	376	226	517	743
June .....	90	302	392	234	483	717
July .....	90	284	374	230	450	680
August .....	93	283	376	237	467	704
September .....	93	290	383	228	473	701
October .....	92	298	390	235	474	709
November .....	90	283	373	229	464	693
December .....	88	273	361	221	478	699
Monthly Average .....	90	297	387	223	479	702

Table 7. - Number of Wage-earners in Month of Highest Employment whose Regular Hours of Work in 1931 were: -

No. of Hours Worked per Week	Number of Employees	No. of Hours Worked per Week	Number of Employees
40 hours or less .....	55	51-53 hours .....	49
41-43 hours .....	-	54 hours .....	-
44 hours .....	217	55 hours .....	168
45-47 hours .....	65	56-59 hours .....	-
48 hours .....	70	60 hours .....	130
49-50 hours .....	101	Over 60 hours .....	1

The above table does not include overtime.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

COTTON TEXTILES, N.E.S.

Table 8. - Power Equipment, 1930 and 1931.

Classes of Power	1 9 3 0		1 9 3 1	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines .....	1	125	-	-
Electric motors operated by purchased power .....	69	377	210	543
Total Power Used in Manufacturing .....	70	502	210	543
Total Electric Motors	69	377	210	543
Boiler installation .....	5	385	7	441

Table 9. - Consumption of Fuel and Electricity, 1930 and 1931.

Kinds of Fuel	Unit of Measure	1 9 3 0		1 9 3 1	
		Quantity	Cost Value at Factory \$	Quantity	Cost Value at Factory \$
Coal: -	Ton				
Bituminous .....	(2000 Lbs.)	1,007	5,782	1,902	11,632
Anthracite .....	"	20	305	11	160
Lignite .....	"	-	-	20	200
Coke (for fuel only) ..	"	2	31	1	13
Fuel or diesel oil ....	Gal. (Imp.)	14,739	1,437	15,719	1,465
Wood .....	Cord	476	392	12	84
Gas, manufactured and natural .....	M cu. ft.	180	493	1,766	765
Other fuel .....	-	-	-	-	1,210
Total Cost of Fuel	-	-	8,440	-	15,529
Electricity purchased for power (including service charges) .....	K.W.H.	-	5,749	325,854	13,983
Total Cost of Fuel and Electricity ..	-	-	14,189	-	29,512

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

A P P E N D I X.

Firms Manufacturing Cotton Yarn and Cloth.

NOVA SCOTIA

Cosmos Imperial Mills Limited, Water Street, Yarmouth.

NEW BRUNSWICK

Canadian Cottons Limited, Marysville.  
Canadian Cottons Limited, Milltown.  
Cornwall & York Cotton Mills Co., Limited, 23 Wall Street & Albion St., Saint John.

QUEBEC

Dominion Textile Company, Limited, Magog.  
Dominion Textile Company, Limited, Montmorency Falls.  
Dominion Textile Company, Limited, (Colonial Mill) 4790 St. Ambroise Street, Montreal.  
Dominion Textile Company, Limited, (Hochelaga Branch) 3340 Notre Dame Street East, Montreal.  
Dominion Textile Company, Limited, (Merchants Branch) 3870 St. Ambroise Street, Montreal.  
Dominion Textile Company, Limited, (Mount Royal Branch) 5524 St. Patrick Street, Montreal.  
Dominion Textile Company, Limited, (St. Anns Branch) 2622 Notre Dame Street East, Montreal.  
Dunsmuir Textile Company, Limited, Verdun.  
Drummondville Cotton Company, Limited, Drummondville.  
Esmond Mills Limited, The 225 St. Charles Street, Granby.  
Goodyear Cotton Company of Canada, Ltd., St. Hyacinthe.  
Montreal Cottons Limited, Valleyfield.  
Shawinigan Cotton Company, Limited, Shawinigan Falls.  
Sherbrooke Cotton Company, Limited, Sherbrooke.  
Wabasso Cotton Company, Limited, St. Maurice Street, Three Rivers.

ONTARIO

Gayuga Textiles, Limited, Cayuga.  
Canadian Cottons, Limited (Canada Mill) Cornwall.  
Canadian Cottons, Limited (Dundas Mill) Cornwall.  
Canadian Cottons, Limited (Stormont Mill) Cornwall.  
Dunsmuir Textile Company, Limited, Dunnville.  
Stauffer-Dobbie, Limited, 160 N. Water Street, Box 1201, Galt.  
Regent Knitting Mills, Limited, Guelph.  
Canadian Cottons, Limited (Ontario Mill) 429 James Street North, Hamilton.  
Cosmos Imperial Mills, Limited, Sherman Street North, Hamilton.  
Glendale Spinning Mills, Limited, Glendale Avenue, Hamilton.  
Hamilton Cotton Company, Limited, 304 Mary Street, Hamilton.  
McDermid, J. R. Company, Limited, Sanford Avenue, Hamilton.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Firms Manufacturing Cotton Yarn and Cloth. - Concl'd.

ONTARIO - Concl'd.

Dominion Yarns, Limited,	Welland.
Empire Cotton Mills, Limited,	P.O. Box 758, Queen Street, Welland.

Firms Manufacturing Cotton Thread.

QUEBEC

American Thread Company of Canada, Limited,	2375 Aird Avenue, Maisonneuve.
Canadian Spool Cotton Company,	421 Pie IX Avenue, Maisonneuve.
Cotton Threads, Limited,	1625 Delorimier Avenue, Montreal.

ONTARIO

Bell Thread Company, Limited,	Corner Huron St. & Minto Avenue, Hamilton.
Eaton, T. Company, Limited,	190 Yonge Street, Toronto.

Firms Manufacturing Cotton and Wool Waste and Wiping Rags.

QUEBEC

Canadian Cotton and Wool Waste Company,	167-171 Queen Street, Montreal.
Danford Bros.	933 St. Elizabeth Street, Montreal.
Dominion Sanitary Wiper Company, Limited,	622 St. Maurice Street, Montreal.
Gray, H. & Company, Limited,	217 Common Street, Montreal.
Montreal Cotton and Wool Waste Co., Ltd.,	21 Nazareth Street, Box 1629, Montreal.

ONTARIO

Flexo Cotton Products	41 Clark Street, Niagara Falls.
Lalor, John M. & Company, Limited,	610 Eastern Avenue, Toronto.
Lister, George, Company,	8 Bellswoods Place, Toronto.
Pullan, E., Wipers & Waste Company, Ltd.,	30 Erin Street, Toronto.
Scythes and Company, Limited,	128 Sterling Road, Toronto.
Steracloth Company,	19 Albion Street, Brantford.
Wipers and Waste Products Limited,	871 Old Weston Road, Toronto.
Passman, Morris	110-118 Mercer Street, Windsor.

BRITISH COLUMBIA

National Waste Manufacturing Co., Ltd.,	1875 Pandora Street, Vancouver.
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Firms Manufacturing Cotton Batting and Wadding.

QUEBEC

Dominion Wadding Company,	120 Vinet Street, Montreal.
Smith & Nephew, Limited,	378 St. Paul Street West, Montreal.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Firms Manufacturing Cotton Batting and Wadding. - Concl'd.

ONTARIO

Bauers Limited,	187 King Street South, Waterloo.
Guelph Felt Company, Limited,	Guelph.
National Mattress Felt & Batting Company,	340-342 Gerrard Street East, Toronto.
Windsor Bedding Company, Limited,	312 Parent Place, Windsor.

Firms Manufacturing Cotton Textiles, N.E.S.

QUEBEC

Granby Elastic Web Limited,	Granby.
Art Linen Manufacturing Company, Limited,	4067 St. Lawrence Blvd., Montreal.
Canada Pad Limited,	460 St. Catherine Street West, Montreal.
Donahue Corporation of Canada, Limited,	St. Hyacinthe.
E. Heitner,	4092 St. Lawrence Blvd., Montreal.
Heitner, Solomon	3814 St. Lawrence Blvd., Montreal.
Ideal Perfect Pad Limited, (L. S. Bloom)	4060 St. Lawrence Blvd., Montreal.
Imperial Quilt Manufacturing Company,	
(Heitner Bros.)	2075 St. Lawrence Blvd., Montreal.
Mico Manufacturing Company, Limited	4530 Clark Street, Montreal.
Montreal Feather and Down Company, Limited,	79 William Street, Montreal.
Montreal Quilting Company, Limited,	524 Gay Street, Montreal.
Quality Comforters Limited,	367 St. Paul Street West, Montreal.
Reliable Curtain Manufacturing Company,	1590 Mount Royal East, Montreal.
Williams Textiles Limited,	641 St. James Street West, Montreal.

ONTARIO

Unity Endless Belt Works	10 River Road, Eastview.
Vile Manufacturing Company,	3 Wellington Street, Galt.
Dominion Webbing Company, Limited,	Kingston.
Peterboro Elastic Company,	Corner Rink & Rubidge Streets, Peterboro.
Art Draperies Company,	115 King Street East, Toronto 2.
Canadian Chenille Company, Limited,	103 Bathurst Street, Toronto.
Coon, Wm. A. & Company,	39 Lombard Street, Toronto 2.
Diamond Buff Company, (Harry Zimmerman)	1-15 Saunders Avenue, Toronto.
Hambly & Wilson, Limited,	79 Wellington Street West, Toronto 2.
National Pad Company, (Solomon Solomon)	240 Richmond Street West, Toronto.
Perfect Coat Front Company,	119 Spadina Avenue, Toronto.
Prime & Rankin, Limited,	74 York Street, Toronto 2.
Talbot & Talbot,	952 Queen Street West, Toronto 3.
Tobias, L. C., Company, Limited,	29-31 Terauley Street, Toronto 2.
Toronto Feather & Down Company, Limited,	2154-58 Dundas Street West, Toronto 3.
Toronto Quilting Company, Limited,	872 Dufferin Street, Toronto.
White, James,	627 Durie Street, Toronto 9.
Lederer Manufacturing Company of Canada,	
Limited,	15 Church Street, Windsor.

THE COTTON TEXTILE INDUSTRY IN CANADA, 1931.

Firms Manufacturing Cotton Textiles, N.E.S. - Concl'd.

MANITOBA

Perfection Quilt Manufacturing Company, 682 Selkirk Avenue, Winnipeg.

ALBERTA

Alberta Feather & Down Company, Limited, 9514 110th Avenue, Edmonton.

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