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PRELIMINARY REPORT
ON THE
COTTON TEXTILE INDUSTRY

1920

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DOMINION BUREAU OF STATISTICS.

CENSUS OF INDUSTRY

Ottawa.

Dominion Statistician: R.H. Coats, B.A., F.S.S.
 Chief, Census of Industry: J.C. Macpherson.

THE COTTON TEXTILE INDUSTRY, 1920.

Ottawa, February, 1922. The Dominion Bureau of Statistics presents a report covering the principal statistics of the cotton textile industry in Canada for the calendar year 1920. The total number of mills reporting was 31 of which 13 were located in the Province of Ontario, 13 in Quebec, four in New Brunswick and one in Nova Scotia.

PRODUCTION.

The quantity and the selling value at the factory of the various items of production are summarized in the accompanying table:-

Items of Production	Unit of Measure	Quantity	Selling value at Factory
Yarn, grey	lb.	20,178,620	\$ 14,596,474
Yarn, bleached and dyed	"	1,737,820	1,346,539
Cotton fabrics, bleached or white	sq. yd.	55,787,396	17,068,931
Cotton fabrics, unbleached or grey	"	106,292,070	27,214,171
Cotton fabrics, printed, dyed or colored -			
Prints.	"	29,325,684	\$ 5,691,645
Denims.	"	5,693,286	2,689,360
Ducks and drills.	"	1,903,123	2,674,901
Flannelettes.	"	6,835,939	1,841,592
Ginghams.	"	4,711,259	1,328,951
All other manufacturers not enumerated	"	26,333,234	9,816,022
Thread.	lb.	28,247	22,543
Batting and wadding	"	1,932	802
Cotton waste, sold.	"	12,638,545	830,145
All other products including custom work.	-	-	7,367,926
TOTAL VALUE OF PRODUCTS			\$ 92,490,002

CAPITAL INVESTMENT.

The amount of capital invested in the industry is shown by items for each of the provinces in the following table:

Provinces	Land, buildings and fixtures	Machinery and tools	Materials on hand, stocks in process, &c.	Cash, trading & operating accts. etc.	Total Capital
	\$	\$	\$	\$	\$
Ontario	3,861,669	6,105,457	3,846,002	2,727,377	16,540,505
Quebec.	11,773,820	16,217,721	9,983,332	13,923,159	51,898,032
New Brunswick & P.E.I.					
Nova Scotia	1,470,529	2,991,557	1,464,653	2,048,427	7,975,166
ANADA TOTALS	117,106,018	25,314,735	15,293,987	18,698,963	76,413,703

THE COTTON TEXTILE INDUSTRY, 1920.

EMPLOYEES, SALARIES AND WAGES.

The number of persons employed in the industry is shown in the following table by classes of employment and sex, together with amounts paid in salaries and wages:-

Classes of employment	Number of Employees		Salaries and Wages. \$
	Male	Female	
Officers, superintendents, managers	88	1	525,952
Clerks, stenographers, and other salaried employees	250	91	509,468
Wage earners, average number	9,235	7,960	12,825,293
TOTALS	9,573	8,052	13,860,713

Classified according to weekly wage payments within specified wage groups, the number of persons at employment by age and sex is presented below:-

Specified wage groups	Over 16 yrs.		Under 16 yrs.		Total Employees
	Male	Female	Male	Female	
Under \$5 per week	19	30	3	8	60
\$5 to under \$10 per week	400	1,151	492	695	2,738
\$10 " " \$15 " "	1,557	3,063	275	214	5,109
\$15 " " \$20 " "	2,748	1,346	28	17	4,639
\$20 " " \$24 " "	1,415	506	-	-	1,921
\$24 " " \$28 " "	965	123	-	-	1,088
\$28 " " \$30 " "	346	10	-	-	356
\$30 per week and over	795	15	-	-	811
TOTALS	8,246	6,744	798	934	16,722

EQUIPMENT.

The equipment reported by the various mills may be summarized as below:-

Kind	No.	Kind	No.
Sets of cards	2,548	Looms less than 28" wide	181
Spindles in operation	948,153	Looms 28" to 32" wide	761
Spindles, idle	57,283	Looms 32" to 36" wide	4,627
Twisting & doubling spindles	51,554	Looms more than 36" wide	15,996
Any other equipment	375	Looms, all other	189
Dye houses	9		

FUEL CONSUMPTION.

The quantity and the cost value delivered at the factory of the various classes of fuel consumed during the year are given in the accompanying table by origin:-

Kinds of fuel	Unit of measure	Canadian origin		Foreign origin	
		Quan.	Cost Val.	Quan.	Cost Val.
Pituminous coal	tons	45,079	\$371,960	86,689	\$830,176
Anthracite coal	"	6404	5,663	7,087	47,480
Lignite coal	"	664	6,537	-	-
Gasoline	gals.	10,178	4,752	7,690	3,302
Fuel oil	"	-	-	49,507	5,505
Gas, nat., & artificial	m. c. ft.	1,674	592	-	-
TOTAL FUEL COST ..			\$389,554		\$885,563

THE COTTON TEXTILE INDUSTRY, 1920.

POWER STATISTICS.

The kinds of power employed are given by (a) number of units (b) the horsepower according to manufacturers' rating, and (c) the horsepower actually employed in the following table:-

Kinds of power	Units	H.P. according to mfrs.	H.P. actually emp'd
Boilers	115	17,455	15,221
Engines, steam	71	10,520	8,748
" gas	2	105	95
Water wheels	46	13,420	12,775
Electric motors	1,340	35,467	32,442
Other powers	5	1,775	1,510
		78,742	70,791

MISCELLANEOUS EXPENSES.

The cost of overhead or miscellaneous charges connected with the industry for the year is summarized by items as follows:-

Rent of offices, works and machinery	\$ 354,147
Rent of power	484,815
Insurance (premiums only)	138,896
Taxes, municipal, provincial, federal	2,046,780
Advertising expenses	37,217
Travelling expenses	37,170
Repairs to buildings and machinery	1,946,901
All other sundry expenses.	3,846,840
TOTAL	\$ 8,892,766

MATERIALS USED.

The quantity and cost value at the factory of the principal materials used during the year are given in the accompanying table:-

Items	unit of measure	Quantity	Cost value at factory
Cotton, raw	lb.	90,233,395	\$ 38,824,368
Cotton, dyed or bleached or otherwise treated	lb.	8,343,465	5,697,912
Yarns, purchases -			
cotton	lb.	2,233,985	1,563,588
other	lb.	305,032	57,621
Starch	lb.	3,462,995	226,647
Chemicals and dyestuffs	lb.	12,113,592	1,363,452
Cotton waste, purchased	lb.	2,529,954	543,257
All other materials			5,126,074
TOTAL COST OF MATERIALS			\$ 53,402,723

PRINCIPAL STATISTICS BY PROVINCES.

The accompanying table presents the principal statistics of the industry by provinces for the calendar year 1920:-

Principal Statistics	Quebec	Ontario	Nova Scotia & N. Bruns.	Canada
Establishments No.	13	13	5	51
Capital invested \$	51,898,032	16,540,505	7,975,166	76,413,703
Emply. on salaries No.	275	114	41	430
Salaries.v. . . \$	677,192	273,456	84,772	1,035,420
Emply. on wages. . No.	11,052	3,856	2,287	17,195
Wages \$	7,471,213	3,374,936	1,979,144	12,825,293
Cost of fuel . . \$	712,375	245,657	320,085	1,276,117
Dis. expenses . . \$	6,289,641	1,640,579	962,546	8,892,766
Cost of materials \$	37,328,307	10,718,044	5,356,372	53,402,723
Value of products \$	63,400,616	19,020,101	10,069,285	92,490,002

THE COTTON TEXTILE INDUSTRY, 1920IMPORTS.

The imports of raw and partly manufactured materials and also of the articles manufactured from such materials are shown by quantities and values for the calendar year 1920 in the following table. Of the total value of imports amounting to \$106,775,034, the cost of imported raw materials was \$41,320,206, that in partly manufactured condition \$11,965,539 and that of manufactured articles \$53,489,289.

Articles	Quantity	Value \$
Cotton, raw, not dyed lb.	115,045,757	41,320,206
Cotton yarn and thread -		
crochet & knitting cotton . . lb.	451,467	1,132,294
Sewing cotton thread in hanks lb.	554,764	1,214,421
Yarn, cotton, no.40 and finer lb.	2,934,122	6,737,890
Yarn, cotton for manufacture		
of shoe laces lb.	316,930	423,533
Yarn, hosiery or other, dyed or		
not. lb.	1,388,320	1,349,976
Other cotton thread, n.o.p. lb.	302,192	416,314
Other yarn and thread	-	691,111
Cotton fabrics, bleached or		
unbleached, etc -		
Bobbinet, plain in web . . . yd.	217,722	93,986
Canton flannels, shirtings, etc.yd.	2,353,497	892,577
Duck, grey or white.n.o.p. . yd.	2,961,460	5,206,136
Fabrics, printed, n.o.p. . yd.	16,427,254	6,895,247
Fabrics, yarn or piece dyed . yd.	41,483,467	17,921,017
Grey unbleached cotton fabrics yd.	13,590,649	3,393,972
Jeans, etc. for mfr. of corsets yd.	659,727	350,184
Plain shirtings, cambrics, etc. yd.	4,354,385	1,260,779
Voiles, sotims, lawns, etc. . yd.	4,113,604	1,313,292
White or bleached cotton fabrics yd.	17,867,715	5,286,472
Velvets, velveteens & plush fabrics"	1,929,936	1,789,356
Towelling in the web "	6,165,203	1,589,636
All other woven cotton fabrics	-	7,626,635
TOTAL		\$106,775,034

EXPORTS.

The quantity and value of goods, the produce of Canada, exported during the calendar year 1920 are presented in the following table:

Articles	Quantity	Value
Cotton waste lb.	3,339,000	66,154
Cotton duck yd.	688,549	670,674
Cotton fabrics,n.o.p. yd.	6,623,667	1,389,507
Other manufacturers of cotton	-	392,028
TOTAL		\$2,518,363

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