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**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

**CENSUS OF INDUSTRY**

**GENERAL MANUFACTURES BRANCH**

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**REPORT**

**ON THE**

**COTTON & JUTE BAG INDUSTRY**

**IN**

**CANADA**

**1934**

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Minister of Trade and Commerce.

OTTAWA  
1935

NOTE:- The statistics published in this report include only those of such manufacturers whose principal item of production is cotton and jute bags. Statistics relating to these specific products, are not to be regarded as comprehensive for they are also produced to some extent in other industries.



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

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Acting Chief, General Manufactures Branch: A. Cohen, B.Com.

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THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Reports were received from twenty-four establishments in 1934 whose principal output consisted of cotton and jute bags. This represented an increase of three over the number reporting in the previous year.

The statistics for the year 1934 show slightly increased activities for the industry. The gross value of production rose from \$7,481,842 in 1933 to \$8,622,644 in 1934, an increase of \$1,114,802 or over 15 per cent, while the capital invested was increased by \$116,690 or 2.2 per cent. The number of employees increased from 902 in 1933 to 922 in 1934, while the total salaries and wages paid rose from \$830,073 to \$879,098, an increase of \$49,025 or over 5 per cent. The cost of the materials used by this industry also increased by \$879,394 or 13 per cent over that paid in the previous year and the value added by manufacture shows a gain of \$261,408 or 15 per cent over that in 1933. The substantial gains mentioned above are, however, not due entirely to increased business activity. They are primarily due to the inclusion in 1934 of an establishment previously omitted. This was unavoidable as the particular firm in question was classified in another industrial grouping, the production of bags being of but minor importance. The variations in the principal statistics are shown by provinces in the following table for 1934 in comparison with 1933.

Provinces	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production	Value added by Manufacture
	\$	No.	\$	\$	\$	\$
CANADA .....	+ 116,690	+ 20	+ 49,025	+ 879,394	+ 1,140,802	+ 261,400
Quebec .....	- 109,544	-	+ 12,448	+ 193,737	+ 302,169	+ 108,432
Ontario .....	+ 183,343	+ 23	+ 31,387	+ 445,656	+ 580,064	+ 134,408
Manitoba and British Columbia .....	+ 42,891	- 3	+ 5,190	+ 240,001	+ 258,569	+ 18,568

The location of this industry by provinces is: Quebec nine, Ontario nine, Manitoba five and British Columbia one. In order to avoid disclosing the operations of the establishment in British Columbia its figures have been merged with those of Manitoba. The percentage distribution of the principal statistics is shown in the following table, by provinces, for 1933 and 1934.

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THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Provinces	Capital Invested		Em- ployees		Salaries and Wages		Cost of Materials Used		Gross Value of Production		Value added by Manufacture	
	1933	1934	1933	1934	1933	1934	1933	1934	1933	1934	1933	1934
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
Quebec ..	35.3	32.4	36.6	35.8	32.2	31.8	31.9	30.6	30.5	30.0	25.9	28.0
Ontario .	23.7	26.6	31.1	33.0	28.4	30.4	26.2	29.4	26.4	29.6	27.0	30.2
Manitoba and British Columbia	41.0	41.0	32.3	31.2	39.4	37.8	41.9	40.0	43.1	40.4	47.1	41.8
CANADA.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

The output of cotton and jute bags accounts for practically the whole production in this industry. In 1934 this value was \$8,423,855 or 97.6 per cent of the total value of production. The corresponding figures for 1933 were \$7,308,818 or 97.7 per cent of the total.

The materials used consisted principally of jute and cotton fabrics, and their consumption in 1934 was 93,380,381 yards valued at \$6,275,200 or 95.8 per cent of the total. In 1933 the amount was 89,995,968 yards costing \$5,347,044 or 92.8 per cent of the total.

By referring to table 6 it will be observed that in the case of production ten establishments had an output valued at \$6,900,509 or 80 per cent of the total. Fifteen establishments supplied \$5,232,565 of the capital invested or 97.7 per cent of the total and fourteen establishments furnished employment to 832 employees, representing 90.2 per cent of the total number employed.

The number of wage-earners showed an increase of twenty in 1934, the month of highest employment being October with 834 persons furnished employment, while January with 750 persons was the month of minimum employment. In 1933 the corresponding months were November high with 814 and January and February low with 723.

Imports and exports are relatively unimportant in this industry. The value of the imports in 1934 was \$129,971 against a 1933 valuation of \$100,131. Exports in 1934 were valued at \$89,239 and in 1933 \$84,120.



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Table 1. - Principal Statistics, 1926-1934.

Year and Provinces	Estab- lish- ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$	Value added by Manufacture \$
1926 .....	14	5,565,514	975	930,779	12,277,373	14,072,099	1,794,726
1927 .....	17	6,746,733	1,037	952,080	10,906,830	12,932,779	2,025,949
1928 .....	19	6,684,706	1,065	999,633	12,494,239	14,283,396	1,789,157
1929 .....	20	6,638,759	1,057	1,020,965	10,416,580	12,613,905	2,197,325
1930 .....	23	5,631,776	965	975,688	7,587,868	9,879,462	2,291,594
1931 .....	25	5,491,207	934	908,387	5,931,672	8,108,310	2,176,638
<u>1 9 3 2</u>							
CANADA .....	23	4,992,545	885	851,258	5,105,244	6,981,188	1,875,944
Quebec .....	7	1,742,984	307	280,091	1,528,528	2,045,013	516,485
Ontario .....	10	1,212,138	289	254,187	1,277,974	1,876,139	598,165
Manitoba and British Columbia	6	2,037,423	289	316,980	2,298,742	3,060,036	761,294
<u>1 9 3 3</u>							
CANADA .....	21	5,236,456	902	830,073	5,764,596	7,481,842	1,717,246
Quebec .....	7	1,848,564	330	266,949	1,836,316	2,281,705	445,389
Ontario .....	8	1,241,054	281	235,885	1,510,736	1,974,290	463,554
Manitoba and British Columbia	6	2,146,838	291	327,239	2,417,544	3,225,847	808,303
<u>1 9 3 4</u>							
CANADA .....	24	5,353,146	922	879,098	6,643,990	8,622,644	1,978,654
Quebec .....	9	1,739,020	330	279,397	2,030,053	2,583,874	553,821
Ontario .....	9	1,424,397	304	267,272	1,956,392	2,554,354	597,962
Manitoba and British Columbia	6	2,189,729	288	332,429	2,657,545	3,484,416	826,871

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Table 2. - Comparison of Principal Statistics, 1933 and 1934.

Items	1 9 3 3	1 9 3 4	+ Increase - Decrease
Establishments reporting ..... No.	21	24	+ 3
Capital invested ..... \$	5,236,456	5,353,146	+ 116,690
Employees on salaries -			
Total ..... No.	138	137	- 1
Male ..... No.	97	103	+ 6
Female ..... No.	41	34	- 7
Salaries ..... \$	293,802	314,386	+ 20,584
Employees on wages -			
Monthly average ..... No.	764	785	+ 21
Male ..... No.	289	303	+ 14
Female ..... No.	475	482	+ 7
Total wages ..... \$	536,271	564,712	+ 28,441
Power Equipment -			
Units ..... No.	232	246	+ 14
Horse-power capacity ..... H.P.	1,108	1,146	+ 38
Cost of fuel and electricity ..... \$	39,621	40,411	+ 790
Cost of materials used ..... \$	5,764,596	6,643,990	+ 879,394
Gross value of production ..... \$	7,481,842	8,622,644	+ 1,140,802
Value added by manufacture ..... \$	1,717,246	1,978,654	+ 261,408

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Table 3. - Production, 1933 and 1934.

Principal Products	Unit of Measure	1 9 3 3		1 9 3 4	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Bags manufactured --					
Jute .....	No.	41,794,108	3,700,033	46,624,353	4,380,864
Cotton .....	"	48,128,611	3,608,785	48,632,695	4,041,991
All other .....	-	-	26,196	-	32,186
Bags repaired .....	-	-	144,897	-	162,272
All other products ...	-	-	1,931	-	5,331
<hr/>					
TOTAL VALUE OF PRODUCTS .....	-	-	7,481,842	-	8,622,644

Table 4. - Materials Used, 1933 and 1934.

Principal Materials	Unit of Measure	1 9 3 3		1 9 3 4	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Fabrics --					
Jute .....	Yards	56,242,079	2,597,962	59,840,508	3,156,233
Cotton .....	"	33,753,889	2,749,082	33,539,873	3,118,967
All other .....	-	-	106,335	-	23,035
Second hand bags ...	No.	2,546,942	103,204	2,835,334	131,908
Sewing twine .....	Pounds	356,562	94,906	346,032	102,871
Printing ink .....	"	225,745	74,055	263,180	79,005
All other materials.	-	-	19,098	-	12,056
Packing and shipping materials .....	-	-	19,954	-	19,915
<hr/>					
TOTAL COST OF MATERIALS USED ..	-	-	5,764,596	-	6,643,990



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Table 5. -- Capital Invested, 1927-1934.

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 .....	2,768,729	2,390,248		1,587,756	6,746,733
1928 .....	2,803,694	2,256,509		1,624,503	6,684,706
1929 .....	2,925,922	1,976,050		1,736,787	6,638,759
1930 .....	2,918,915	1,435,591		1,277,270	5,631,776
1931 .....	2,687,204	1,028,674	157,065	1,618,264	5,491,207
<u>1 9 3 2</u>					
CANADA .....	2,721,324	1,130,370	130,847	1,010,004	4,992,545
Quebec .....	929,751	318,634	46,441	448,158	1,742,984
Ontario .....	689,147	280,167	35,375	207,449	1,212,138
Manitoba and British Columbia	1,102,426	531,569	49,031	354,397	2,037,423
<u>1 9 3 3</u>					
CANADA .....	2,570,154	1,462,715	127,720	1,075,867	5,236,456
Quebec .....	836,464	474,477	30,699	506,924	1,848,564
Ontario .....	657,218	370,569	50,239	163,028	1,241,054
Manitoba and British Columbia	1,076,472	617,669	46,782	405,915	2,146,838
<u>1 9 3 4</u>					
CANADA .....	2,542,704	1,707,708	121,269	981,465	5,353,146
Quebec .....	814,234	507,404	22,290	395,092	1,739,020
Ontario .....	705,539	524,001	49,179	145,678	1,424,397
Manitoba and British Columbia	1,022,931	676,303	49,800	440,695	2,189,729



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Table 6. - Size of Establishments, 1933 and 1934.

Establishments having a Production of:	1 9 3 3			1 9 3 4		
	Estab- lish- ments Report- ing	Total Production	Average Production per Estab- lishment	Estab- lish- ments Report- ing	Total Production	Average Production per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$100,000 ....	6	124,639	20,773	7	111,270	15,896
\$100,000 to under \$500,000 .....	6	1,502,429	250,405	7	1,610,865	230,124
\$500,000 and over .	9	5,854,774	650,530	10	6,900,509	690,051
TOTAL AND AVERAGE	21	7,481,842	356,278	24	8,622,644	359,277
Establishments having a Capital Investment of:	Estab- lish- ments Report- ing	Total Capital	Average Capital per Estab- lishment	Estab- lish- ments Report- ing	Total Capital	Average Capital per Estab- lishment
	No.	\$	\$	No.	\$	\$
	No.	\$	\$	No.	\$	\$
Under \$50,000 .....	9	168,860	18,762	9	120,581	13,398
\$50,000 to under \$500,000 .....	8	2,729,730	341,216	11	2,922,752	265,705
\$500,000 and over .	4	2,337,866	584,467	4	2,309,813	577,453
TOTAL AND AVERAGE	21	5,236,456	249,355	24	5,353,146	223,048
Establishments having an Average Employment of:	Estab- lish- ments Report- ing	Total Employees	Average Employees per Estab- lishment	Estab- lish- ments Report- ing	Total Employees	Average Employees per Estab- lishment
	No.	No.	No.	No.	No.	No.
	No.	No.	No.	No.	No.	No.
Under 20 employees.	5	25	5.0	10	90	9.0
20 employees and over .....	16	877	54.8	14	832	59.4
TOTAL AND AVERAGE	21	902	43.0	24	922	38.4

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Table 7. - Employees by Sex and Remuneration, 1933 and 1934.

		1 9 3 3	1 9 3 4
<b>Salaried Employees -</b>			
Total .....	No.	138	137
Male .....	No.	97	103
Female .....	No.	41	34
Total salaries .....	\$	293,802	314,386
<b>Wage-earners -</b>			
Monthly average .....	No.	764	785
Male .....	No.	289	303
Female .....	No.	475	482
Total wages .....	\$	536,271	564,712
<b>All Employees -</b>			
Total .....	No.	902	922
Male .....	No.	386	406
Female .....	No.	516	516
Total salaries and wages .....	\$	830,073	879,098

Table 8. - Monthly Employment of Wage-earners, 1932-1934.

	1 9 3 2			1 9 3 3			1 9 3 4		
Months	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January .....	282	479	761	277	446	723	287	463	750
February .....	271	461	732	277	446	723	292	461	753
March .....	275	452	727	288	469	757	303	469	772
April .....	271	439	710	282	470	752	301	473	774
May .....	275	453	728	282	467	749	304	468	772
June .....	273	461	734	286	467	753	306	467	773
July .....	278	440	718	283	455	738	298	472	770
August .....	288	472	760	285	474	759	308	487	795
September .....	285	480	765	294	481	775	310	499	809
October .....	290	512	802	300	497	797	314	520	834
November .....	303	536	839	302	512	814	312	514	826
December .....	286	501	787	291	476	767	294	488	782
<b>MONTHLY AVERAGE</b>	<b>279</b>	<b>474</b>	<b>753</b>	<b>289</b>	<b>475</b>	<b>764</b>	<b>303</b>	<b>482</b>	<b>785</b>

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Table 9. - Number of Wage-earners in Month of Highest Employment and Their Regular Hours of Work in 1933 and 1934.

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	1933	1934		1933	1934
40 hours or less .....	20	50	51-53 hours .....	76	4
41-43 hours .....	25	-	54 hours .....	45	-
44 hours .....	74	83	55 hours .....	-	45
45-47 hours .....	180	204	56-59 hours .....	-	10
48 hours .....	172	193	60 hours .....	27	9
49-50 hours .....	226	257	Over 60 hours .....	4	12

The above table does not include overtime.

Table 10. - Power Installation, 1933 and 1934.

Classes of Power	1 9 3 3		1 9 3 4	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines .....	1	40	1	40
Gasoline, gas and oil engines, other than diesel	2	5	-	-
Electric motors operated by purchased power .....	229	1,063	245	1,106
<b>TOTAL POWER USED IN MANUFACTURING .....</b>	<b>232</b>	<b>1,108</b>	<b>246</b>	<b>1,146</b>
Boiler installation .....	9	560	10	644



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Table 11. - Consumption of Fuel and Electricity, 1933 and 1934.

Kinds of Fuel	Unit of Measure	1 9 3 3		1 9 3 4	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal -	Ton				
Bituminous .....	(2000 Lbs.)	2,777	19,213	2,875	19,856
Anthracite .....	"	41	685	34	546
Coke (for fuel only) ..	"	15	150	15	150
Fuel or diesel oil ..	Gallon	16,378	831	11,730	626
Wood .....	Cord	21	52	27	59
Other fuel .....	-	-	4,664	-	4,412
TOTAL COST OF FUEL		-	25,595	-	25,649
Electricity purchased (including service charges) .....	Kw. H.	671,392	14,026	560,203	14,762
TOTAL COST OF FUEL AND ELECTRICITY.		-	39,621	-	40,411

Table 12. - Imports of Cotton and Jute Bags, by Principal Countries, 1933 and 1934.

Articles Imported	Unit of Measure	1 9 3 3		1 9 3 4	
		Quantity	Value	Quantity	Value
			\$		\$
Bags, seamless, cotton -					
United Kingdom .....	Pounds	3,869	1,457	2,956	965
United States .....	"	42,102	9,576	35,025	8,862
Other Countries .....	"	534	145	1,259	335
TOTAL .....	"	46,505	11,178	39,240	10,162
Bags, cotton, n.o.p. -					
United Kingdom .....	Pounds	4,220	2,288	2,884	1,615
United States .....	"	33,977	13,900	38,710	15,348
Australia .....	"	4,797	2,097	3,849	1,561
Other Countries .....	"	9,406	1,126	9,508	1,742
TOTAL .....	"	52,400	19,411	54,951	20,266

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

Table 12. - Imports of Cotton and Jute Bags, by Principal Countries,  
1933 and 1934. - (Concl'd.)

Articles Imported	Unit of Measure	1 9 3 3		1 9 3 4	
		Quantity	Value	Quantity	Value
			\$		\$
Bags or sacks of hemp, linen or jute -					
United Kingdom .....	-	-	1,012	-	6,472
United States .....	-	-	52,745	-	69,091
British India .....	-	-	14,501	-	22,019
Other Countries .....	-	-	1,284	-	1,961
TOTAL .....	-	-	69,542	-	99,543

SUMMARY OF IMPORTS BY  
PRINCIPAL COUNTRIES, 1933 and  
1934 -

United Kingdom .....	-	-	4,757	-	9,052
United States .....	-	-	76,221	-	93,301
Australia .....	-	-	2,097	-	1,561
British India .....	-	-	14,501	-	22,019
Other Countries .....	-	-	2,555	-	4,038
TOTAL VALUE OF IMPORTS	-	-	100,131	-	129,971

Table 13. - Exports of Cotton and Jute Bags, by Principal Countries,  
1933 and 1934.

Articles Exported	1 9 3 3		1 9 3 4	
	Value		Value	
	\$		\$	
Bags, cotton, jute, etc. -				
United Kingdom .....	30,035		16,708	
United States .....	520		240	
British Guiana .....	2,074		1,352	
Belgium .....	25,368		10,469	
Germany .....	3,582		-	
Netherlands .....	13,254		54,584	
St. Pierre and Miquelon .....	1,594		36	
Other Countries .....	7,693		5,850	
TOTAL VALUE OF EXPORTS .....	84,120		89,239	

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1934.

A P P E N D I X

Cotton and Jute Bag Manufacturers, 1934.

QUEBEC

Atlas Bag & Bagging Company,	1500 Marlborough Street, Montreal.
The Canadian Bag Company Limited,	2485 St. Patrick Street, Montreal.
The City Bag Company,	4589 Colonial Avenue, Montreal.
Woods Manufacturing Company Limited,	2660 Mullins Street, Montreal.
Thomas Bonar & Company (Canada) Limited,	606 De Courcelles Street, Montreal.
Sendel & Sendel Limited,	709-711 Common Street, Montreal.
Standard Sack Supply Company,	4281 Esplanade Avenue, Montreal.
The Workman Bag Company,	52 Nazareth Street, Montreal.
Beaudoin, Jos. T.,	Thetford Mines.

ONTARIO

The Canadian Bag Company Limited,	100 Paton Road, Toronto 9.
Dominion Bag Company,	80 Murray Street West, Hamilton.
Nock Brothers & Ayre Company,	4 Berti Street, Toronto 2.
Woods Manufacturing Company Limited,	401 Logan Avenue, Toronto 8.
Ontario Bag Company,	Port Colborne.
Walkerville Bag Manufacturing Company,	Walkerville.
Standard Bag & Burlap Company,	183 Catherine Street North, Hamilton.
London Bag Manufacturing Company,	443 Ottawa Avenue, London.
Quaker Oats Company,	34 Hunter Street West, Peterborough.

MANITOBA

Bemis Brothers Bag Company,	311 Alexander Avenue, Winnipeg.
The Canadian Bag Company Limited,	831 Henry Avenue, Winnipeg.
Sunset Manufacturing Company Limited,	655 Logan Avenue, Winnipeg.
Woods Manufacturing Company Limited,	146 Alexander Avenue East, Winnipeg.
Litman, Joseph,	465 Dufferin Avenue, Winnipeg.

BRITISH COLUMBIA

The Canadian Bag Company Limited,	900 Parker Street, Vancouver.
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