

Published by Authority of the Hon. James A. MacKINNON, M.P.,  
Minister of Trade and Commerce.

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

---

**REPORT**  
**ON THE**  
**COTTON & JUTE BAG INDUSTRY**  
**IN**  
**CANADA**  
**1940**



**OTTAWA**  
**1941**

**Price 15 cents**

Published by Authority of the Hon. James A. Mackinnon, M.P.  
Minister of Trade and Commerce

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

GENERAL MANUFACTURES BRANCH

REPORT

1911

1911

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

---

Dominion Statistician:	R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief, General Manufactures Branch:	A. Cohen, B.Com.

---

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940.

In 1940 reports were received from twenty-seven establishments whose principal output consisted of cotton and jute bags.

The cotton and jute bag industry in 1940 operated at about the same level as in the previous year. The value of production amounting to \$12,488,072 was \$2,117,358 higher. Capital invested and value added by manufacture also increased by \$805,208 and \$18,975 respectively while employment and salary and wage payments were only slightly higher. The number of persons employed increased by 11 and the salaries and wages paid by \$29,795. In spite of the increase in the value of products **made**, the physical volume of production was about the same, the output of cotton and jute bags dropping from 10,361,695 dozen in 1939 to 10,347,713 dozen in 1940. The increase in the value of production was mainly due to higher costs for raw materials which advanced by \$2,091,317.

The location of this industry by provinces is as follows: Prince Edward Island, 1, New Brunswick 1, Quebec 7, Ontario 12, Manitoba 4, Saskatchewan 1 and British Columbia 1.

The output of the items cotton and jute bags accounts for practically the whole production in the industry. In 1939 this value was \$11,841,826 or 95 per cent of the total value of production.

The materials used consist principally of jute and cotton fabrics and their consumption in 1940 was 133,418,370 yards valued at \$9,358,948 or 92 per cent of the total cost.

By referring to table 3 it will be observed that the eleven largest establishments reported a production of \$9,826,578 or 79 per cent of the total output. They also employed \$5,978,495 or 84 per cent of the total capital and 723 or 73 per cent of the number of employees engaged in the industry.

In 1940 the month of highest employment of wage-earners was October with 943 persons so employed, while June with 779 persons was the month of minimum employment. Female wage-earners represented approximately 64 per cent of the total.

Imports and exports are relatively unimportant in this industry. The value of the imports in 1940 was \$166,126 against a 1939 valuation of \$156,923. Exports in 1940 were valued at \$137,993 and in 1939 at \$242,938.



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940.

Table 1.- Principal Statistics for representative years, 1922 to 1940.

Year and Provinces	Estab-lish-ments	Capital Invested	Total Em-ployees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1922 .....	14	5,866,388	918	863,439	8,701,562	10,970,224
1925 .....	15	6,307,126	984	939,639	12,948,571	14,932,322
1927 .....	17	6,746,733	1,037	952,080	10,906,830	12,932,779
1928 .....	19	6,684,706	1,065	999,633	12,494,239	14,283,396
1930 .....	23	5,631,776	965	975,688	7,587,868	9,879,462
1932 .....	23	4,992,545	885	851,258	5,105,244	6,981,138
1934 .....	24	5,353,146	922	879,098	6,643,990	8,622,644
1936 .....	24	5,227,587	923	912,612	7,238,846	9,057,276
1937 .....	29	6,307,277	944	905,927	7,554,563	9,204,467
<u>1938</u>						
CANADA .....	27	5,291,806	873	867,334	6,425,466	8,269,025
Prince Edward Island and Quebec	9	1,925,047	326	293,950	2,288,231	2,844,233
Ontario .....	12	1,209,080	303	283,772	1,835,749	2,468,767
Manitoba, Saskat-chewan and British Columbia .....	6	2,157,679	244	289,612	2,301,486	2,956,025
<u>1939</u>						
CANADA .....	27	6,342,569	976	1,013,334	8,057,837	10,320,714
Prince Edward Island, New Brunswick and Quebec .....	10	2,424,380	411	402,553	3,197,849	3,890,681
Ontario .....	11	1,442,665	300	292,529	2,071,652	2,743,624
Manitoba, Saskat-chewan and British Columbia .....	6	2,475,524	265	318,252	2,788,336	3,681,409
<u>1940</u>						
CANADA .....	27	7,147,777	987	1,043,129	10,149,154	12,436,072
Prince Edward Island, New Brunswick and Quebec .....	9	2,815,122	404	416,891	4,052,220	4,817,789
Ontario .....	12	1,678,127	310	292,569	2,713,903	3,353,484
Manitoba, Saskat-chewan and British Columbia .....	6	2,654,528	273	333,669	3,383,031	4,266,799

NOTE - Profits or losses cannot be estimated from Census figures as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940

Table 2. - Comparison of Principal Statistics, 1939 and 1940.

Items	1 9 3 9	1 9 4 0	+ Increase - Decrease
Establishments reporting ..... No.	27	27	-
Capital invested ..... \$	6,342,569	7,147,777	+ 805,208
Employees on salaries -			
Total ..... No.	170	144	- 26
Male ..... No.	115	101	- 14
Female ..... No.	55	43	- 12
Total salaries ..... \$	371,150	378,352	+ 7,202
Employees on wages -			
Monthly average ..... No.	806	843	+ 37
Male ..... No.	294	301	+ 7
Female ..... No.	512	542	+ 30
Total wages ..... \$	642,184	664,777	+ 22,593
Power Equipment -			
Units ..... No.	349	390	+ 41
Horse-power capacity ..... H.P.	1,478	1,551	+ 73
Cost of fuel and electricity .. \$	42,399	49,465	+ 7,066
Cost of materials used ..... \$	8,057,837	10,149,154	+ 2,091,317
Gross value of production ..... \$	10,320,714	12,438,072	+ 2,117,358
Value added by manufacture $\neq$ .. \$	2,220,478	2,239,453	+ 18,975

( $\neq$ ) Gross value of production less cost of materials and fuel and electricity used.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940.

Table 3. - Principal Statistics of the Cotton and Jute Bag Industry, Grouped According to the Size of Establishment, 1938, 1939 and 1940.

Establishments having a production of -	Estab-lishments	Capital Invested	Total Em-ployees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
1938	No.	\$	No.	\$	\$	\$
Under \$5,000 .....	1)					
\$5,000 to under \$25,000 .....	)					
\$25,000 to under \$50,000 .....	6)	104,881	61	45,826	127,030	189,081
\$50,000 to under \$100,000 .....	)					
\$100,000 to under \$500,000 .....	1)					
\$500,000 to under \$1,000,000 .....	)					
\$1,000,000 and over .....	1)					
TOTAL .....	10	1,634,422	298	251,068	2,357,746	2,948,220
	8	3,552,503	514	570,440	3,940,690	5,131,724
	27	5,291,806	873	867,334	6,425,466	8,269,025
1939						
Under \$5,000 .....	1)					
\$5,000 to under \$25,000 .....	)					
\$25,000 to under \$50,000 .....	5)	63,151	39	27,158	54,235	97,726
\$50,000 to under \$100,000 .....	)					
\$100,000 to under \$500,000 .....	1)					
\$500,000 to under \$1,000,000 .....	)					
\$1,000,000 and over .....	2)	65,168	39	24,267	137,938	186,908
	7)	727,958	208	162,629	1,538,207	1,355,129
	11)	5,486,292	690	739,280	6,267,457	8,080,951
TOTAL .....	27	6,342,569	976	1,013,334	8,057,837	10,320,714
1940						
Under \$5,000 .....	1)					
\$5,000 to under \$25,000 .....	)					
\$25,000 to under \$50,000 .....	3)	55,330	17	9,971	38,336	53,413
\$50,000 to under \$100,000 .....	)					
\$100,000 to under \$500,000 .....	2)					
\$500,000 to under \$1,000,000 .....	)					
\$1,000,000 and over .....	1)	38,084	39	28,866	54,000	114,833
	9)	1,075,868	208	175,911	2,013,597	2,443,248
	7)	3,708,128	363	436,861	4,449,710	5,356,715
	4)	2,270,367	360	391,520	3,593,511	4,469,863
TOTAL .....	27	7,147,777	987	1,043,129	10,149,154	12,438,072



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940.

Table 4. - Production, 1939 and 1940.

Principal Products	Unit of Measure	1939		1940	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Bags manufactured -					
Jute .....	Dozen	5,997,845	5,601,053	5,387,011	7,233,122
Cotton .....	"	4,363,850	4,222,480	4,360,702	4,608,706
Paper, all kinds ...	"	89,398	25,709	303,248	60,288
All other .....	"	-	15,859	-	52,916
Bags repaired .....	-	-	371,137	-	(1)
Individual tea bags,					
all kinds .....	Number	16,814,000	43,413	(1)	(1)
All other products .....	-	-	41,063	-	433,040
TOTAL VALUE OF PRODUCTS .....	-	-	10,320,714	-	12,433,072

NOTE - The above items do not necessarily represent the entire Canadian output, as bags of various kinds are also manufactured in other Industries. For the total production in the Dominion, reference should be made to the appendix contained in all annual reports on "The Manufacturing Industries of Canada".

(1) Included in "All other products".

Table 5. - Materials Used, 1939 and 1940.

Principal Materials	Unit of Measure	1939		1940	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Fabrics -					
Jute .....	Yard	95,929,546	4,166,907	89,793,661	5,668,693
Cotton - imported ..	"	39,033,785	3,002,182	10,543,043	1,072,236
domestic ..	"	(1)	(1)	33,081,666	2,618,019
Paper .....	"	(1)	(1)	239,341	15,133
All other .....	-	-	267,482	-	26,027
Paper: filter, tissue, etc.	-	-	5,218	-	19,113
Secondhand bags .....	Number	4,909,450	309,638	6,271,673	394,335
Sewing twine .....	Pound	479,574	138,129	477,789	142,821
Thread .....	"	70,191	20,466	167,018	46,573
Printing ink .....	"	407,580	93,566	368,623	83,588
Rubber .....	"	20,721	8,256	25,745	12,090
All other materials .....	-	-	34,701	-	40,271
Packing and shipping materials .....	-	-	11,292	-	9,605
TOTAL COST OF MATERIALS USED .....	-	-	8,057,837	-	10,149,154

(1) Included in "All Other Fabrics", 1939.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940.

Table 6. - Capital Invested, representative years, 1924-1940.

Year and Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery, tools and other equipment	Inventory Value of materials, stocks in process, finished products, fuel and miscellaneous supplies on hand	Operating Capital (cash, bills and accounts receivable, Prepaid expenses, etc.)	
	\$	\$	\$	\$
1924 .....	2,504,897	1,954,654	1,235,812	5,695,363
1925 .....	2,651,935	2,377,945	1,277,246	6,307,126
1926 .....	2,652,597	1,323,637	1,589,280	5,565,514
1927 .....	2,768,729	2,390,248	1,587,756	6,746,733
1929 .....	2,925,922	1,976,050	1,736,787	6,638,759
1932 .....	2,721,324	1,261,217	1,010,004	4,992,545
1933 .....	2,570,154	1,590,435	1,075,867	5,236,456
1934 .....	2,542,704	1,328,977	981,465	5,353,146
1935 .....	2,568,573	1,859,641	793,379	5,221,593
1936 .....	2,420,873	1,858,518	878,196	5,227,587
1937 .....	2,717,232	2,531,437	1,058,603	6,307,277
<u>1 9 3 8</u>				
CANADA .....	2,295,808	2,070,511	925,487	5,291,806
Prince Edward Island and Quebec ..	710,945	821,787	322,315	1,925,047
Ontario .....	655,319	460,015	93,746	1,209,030
Manitoba, Saskatchewan and British Columbia	929,544	718,709	509,426	2,157,679
<u>1 9 3 9</u>				
CANADA .....	2,487,371	2,487,686	1,357,512	6,342,569
Prince Edward Island, New Brunswick and Quebec .....	834,171	1,042,523	547,381	2,424,380
Ontario .....	647,038	665,009	130,618	1,442,665
Manitoba, Saskatchewan and British Columbia	1,016,162	780,349	679,013	2,475,524
<u>1 9 4 0</u>				
CANADA .....	2,566,960	2,919,192	1,661,625	7,147,777
Prince Edward Island, New Brunswick and Quebec .....	909,519	1,131,353	773,650	2,815,122
Ontario .....	656,539	740,676	230,912	1,678,127
Manitoba, Saskatchewan and British Columbia	1,000,902	1,046,563	607,063	2,654,528



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940.

Table 7. - Employees by Sex and Remuneration, 1938, 1939 and 1940.

	1938	1939	1940
Salaried Employees -			
Total ..... No.	143	170	144
Male ..... No.	108	115	101
Female ..... No.	35	55	43
Total salaries ..... \$	313,687	371,150	378,352
Wage-earners -			
Monthly average ..... No.	730	806	843
Male ..... No.	278	294	301
Female ..... No.	452	512	542
Total wages ..... \$	553,647	642,184	664,777
All Employees -			
Total ..... No.	873	976	987
Male ..... No.	386	409	402
Female ..... No.	487	567	585
Total salaries and wages ..... \$	867,334	1,013,334	1,043,129

Table 8. - Monthly Employment of Wage-earners, 1938, 1939 and 1940.

Months	1938			1939			1940		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January .....	270	448	718	269	409	678	296	518	814
February .....	271	441	712	271	400	671	299	510	809
March .....	274	431	705	270	419	689	297	495	792
April .....	281	415	696	274	442	716	299	516	815
May .....	291	438	729	285	449	734	297	496	793
June .....	275	432	707	294	467	761	295	484	779
July .....	282	428	710	288	462	750	288	500	788
August .....	284	459	743	298	508	806	289	548	837
September .....	277	501	778	318	652	970	307	622	929
October .....	282	539	821	335	683	1,018	315	628	943
November .....	273	478	751	335	662	997	316	620	936
December .....	272	437	709	314	594	908	306	574	880
MONTHLY AVERAGE	278	452	730	294	512	806	301	542	843

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940.

Table 9. - Number of Wage-earners with their Regular Hours of Work per Week and Average Weekly Earnings, 1939 and 1940.

Number of Hours Worked per Week	1939 (1)		1940 (2)	
	Male	Female	Male	Female
	No.	No.	No.	No.
30 hours or less .....	6	6	14	77
31-43 hours .....	6	58	14	58
44 hours .....	13	61	3	53
45-47 hours .....	153	217	48	64
48 hours .....	51	136	29	66
49-50 hours .....	45	6	33	34
51-54 hours .....	9	30	51	70
55 hours .....	8	-	21	58
56-64 hours .....	2	-	99	204
65 hours and over .....	2	-	14	1
Average hours per week .....	46.9	45.5	52.1	48.7
Average weekly earnings .....	\$20.66	\$13.03	\$22.34	\$13.03

(1) In month of normal employment and overtime not included.

(2) In month of highest employment, including overtime.

Table 10. - Power Equipment, 1939 and 1940.

Classes of Power	1939		1940	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines ..... (Idle	1	40	1	40
Gasoline, gas and oil engines ..... (In use	1	5	1	5
Electric motors operated by purchased power ..... (In use (Idle	308	1,298	349	1,362
	39	135	39	144
TOTAL POWER USED IN MANUFACTURING .....	349	1,478	390	1,551
Boiler installation       (In use	3	464	6	464
	1	100	1	100

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940.

Table 11. - Consumption of Fuel and Electricity, 1939 and 1940.

Kinds of Fuel	Unit of Measure	1939		1940	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous .....	(2,000 lb.)	2,432	16,296	2,581	19,015
Anthracite .....	"	333	2,181	373	2,717
Lignite .....	"	15	142	11	50
Coke (for fuel only) .....	"	-	-	46	566
Gasoline (1940 - include that used in trucks) .....	Imp. Gallon	-	-	3,805	1,028
Kerosene or coal oil .....	" "	50	13	-	-
Fuel or diesel oil .....	" "	14,480	699	15,600	788
Wood .....	Cord	50	215	-	-
Gas, manufactured .....	M. cu. ft.	367	397	431	501
Steam .....	-	-	3,546	-	4,000
TOTAL COST OF FUEL .....	-	-	23,489	-	28,665
Electricity purchased (including service charges) .....	kw. h.	709,578	18,910	861,552	20,800
TOTAL COST OF FUEL AND ELECTRICITY .....	-	-	42,399	-	49,465



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940.

Table 12. - Imports of Cotton and Jute Bags, 1939 and 1940.

Articles Imported	Unit of Measure	1 9 3 9		1 9 4 0	
		Quantity	Value	Quantity	Value
			\$		\$
Bags, seamless, cotton .....	Pound	54,647	10,495	22,085	5,724
Bags, cotton, n.o.p. ....	"	113,937	18,939	121,597	21,356
Bags or sacks of hemp, linen or jute .....		-	127,429	-	139,046

Table 13. - Exports of Cotton and Jute Bags, 1939 and 1940.

Articles Exported	1 9 3 9	1 9 4 0
	Value	Value
	\$	\$
Bags, cotton, jute, etc. ....	242,933	137,933

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1940.

A P P E N D I X

Cotton and Jute Bag Manufacturers, 1940.

PRINCE EDWARD ISLAND

Prince Edward Island Bag Company Limited, Summerside.

NEW BRUNSWICK

Canadian Bag Company Limited, The 60 Clarence Street, Saint John.  
(H.O. 2485 St. Patrick Street, Montreal, P.Q.)

QUEBEC

Atlas Bag & Bagging Company, 37 Nazareth Street, Montreal.  
Bonard, Thomas, & Co. (Canada), Limited, 606 De Courcelles Street, Montreal.  
Canadian Bag Company Limited, The 2485 St. Patrick Street, Montreal.  
City Bag Company Limited, The 776 Chatham St., Montreal.  
Sendel & Sendel Limited, 120 McGill Street, Montreal.  
Woods Manufacturing Company Limited, 2660 Mullins Street, Montreal.  
Workman Bag Company, The 739 Bourget Street, Montreal.

ONTARIO

Burlap Products Company, The 251 College Street, Toronto.  
Canadian Bag Co. Limited, The 100 Paton Road, Toronto 9  
(H.O. 2485 St. Patrick St., Montreal, P.Q.)  
Dominion Bag Company, 280 York Street, Hamilton.  
Gilchrist Manufacturing Company, 443 King Street West, Toronto.  
Hunt, Harry E. 130 Dundas Street West, Toronto.  
Morris Burlap Manufacturing Co., The 24 Duncan Street, Toronto.  
Nock Brothers & Ayre Company, 4 Berti Street, Toronto 2.  
Ontario Bag Company, Port Colborne.  
Quaker Oats Company, The 34 Hunter Street W., Peterborough  
Standard Bag & Burlap Company, 183 Catherine St. North, Hamilton.  
Walkerville Bag Manufacturing Company, Ltd., Walkerville.  
Woods Manufacturing Company Limited, 401 Logan Avenue, Toronto 8.

MANITOBA

Canadian-Bemis Bag Company Limited, 311 Alexander Avenue, Winnipeg.  
Dominion Bag Company, 596 Manitoba Ave., Winnipeg.  
Sunset Manufacturing Company Limited, 655 Logan Avenue, Winnipeg.  
Woods Manufacturing Company Limited, 146 Alexander Avenue East, Winnipeg.  
(H.O. 2660 Mullins Street, Montreal, P.Q.)

SASKATCHEWAN

Prairie Bag Company Limited, 429 River Street West, Moose Jaw.

BRITISH COLUMBIA

Canadian-Bemis Bag Company Limited, 900 Parker Street, Vancouver.  
(H.O. 311 Alexander Avenue, Winnipeg, Man.)

THE UNIVERSITY OF CHICAGO

LIBRARY

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912

1911-1912





STATISTICS CANADA LIBRARY  
BIBLIOTHEQUE STATISTIQUE CANADA



1010754036