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Minister of Trade and Commerce

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

+++ *Census of Industry* +++

GENERAL MANUFACTURING STATISTICS

REPORT

ON THE

COTTON & JUTE BAG INDUSTRY

IN

CANADA

1946



Price 15 cents

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

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THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1946

In 1946 reports were received from thirty-one establishments whose principal products consisted of cotton or jute bags. These plants furnished employment to 1,413 persons who were paid \$1,942,873 in salaries and wages; and produced goods with a selling value at the factory of \$28,141,484. The location of the plants was as follows: Prince Edward Island 1, Quebec 9, Ontario 13, Manitoba 5, Saskatchewan 1, Alberta 1, British Columbia 1.

The industry operated at a slightly higher level of production during 1946. The value of products made, amounting to \$28,141,484 was \$1,026,908 higher than in the previous year. There was also an increase of \$88,166 in the salaries and wages paid and \$1,276,825 in the value added by manufacture. In spite of an increase in the physical volume in production, the number of persons employed declined by 73.

The production of cotton and jute bags, numbering 11,735,814 dozen and valued at \$25,462,573 in 1946 comprised over 90 per cent of the output of the industry. The repairing of bags amounting to \$1,533,992 was the other main item of production. For details of products made see Table 4. Compared with the previous year there was an increase of 403 289 dozen in the production of cotton bags. Charges for repairing bags increased \$283,072.

The principal materials used consisted of 121,214,265 yards of jute fabrics valued at \$12,187,588 and 45,076,160 yards of cotton fabrics valued at \$7,162,842. These two items accounted for 87.8 per cent of the total value of materials used. Second hand bags valued at \$1,739,373 and sewing twine to the extent of 740,696 pounds were the other important materials used in 1946.

By referring to Table 3 it will be observed that the 13 largest plants reported a production of 23,121,844 or over 82 per cent of the total output. They also reported 1,012 or over 71 per cent of the number of persons engaged in the industry.

Employment in this industry is fairly constant throughout the year. March with 1,305 wage-earners was the month of highest employment, while December with 1,180 was the month of lowest employment. Female wage-earners comprise approximately 68.7 per cent of the total number employed.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1946

Table 1. - Principal Statistics for representative years, 1922 to 1946

Year and Provinces	Establishments	Capital Invested	Total Employees	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	6,981,188
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
1938	27	5,291,806	873	867,334	6,425,466	8,269,025
1939	27	6,342,569	976	1,013,334	8,057,837	10,320,714
1940	27	7,147,777	987	1,043,129	10,149,154	12,458,072
1941	26	9,684,527	1,089	1,190,635	14,142,983	17,829,801
1942	30	9,541,394	1,354	1,466,977	16,625,355	20,749,873
1943	30	9,899,757	1,418	1,672,252	19,822,334	24,085,408
1944	32	(1)	1,487	1,762,483	22,075,033	26,599,005
<u>1945</u>						
CANADA	32	(1)	1,486	1,854,707	22,279,949	27,114,576
Prince Edward Island and Quebec	11	-	609	731,722	7,865,078	9,790,488
Ontario	13	-	473	570,213	6,057,046	7,571,107
Manitoba, Saskatchewan, Alberta and British Columbia	8	-	404	552,772	8,357,825	9,752,981
<u>1946</u>						
CANADA	31	(1)	1,413	1,942,873	22,026,290	28,141,484
Prince Edward Island and Quebec	10	-	490	701,747	7,130,801	9,507,481
Ontario	13	-	492	629,744	6,505,711	8,185,755
Manitoba, Saskatchewan, Alberta and British Columbia	8	-	431	611,382	8,389,778	10,448,248

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.

(1) Information not collected since 1943.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1946

Table 2. - Comparison of Principal Statistics, 1945 and 1946

Items		1945	1946	+ Increase - Decrease
Establishments reporting	No.	32	31	- 1
Employees on salaries -				
Total	No.	188	182	- 6
Male	No.	124	122	- 2
Female	No.	64	60	- 4
Total Salaries	\$	530,811	589,535	+ 58,724
Employees on wages -				
Monthly average	No.	1,298	1,231	- 67
Male	No.	323	385	+ 62
Female	No.	975	846	- 129
Total Wages	\$	1,323,896	1,353,338	+ 29,442
Power Equipment -				
Units	No.	527	590	+ 63
Horse-power capacity	H.P.	1,751	1,812	+ 61
Cost of fuel and electricity	\$	67,515	71,257	+ 3,742
Cost of materials used	\$	22,279,949	22,026,290	- 253,659
Gross value of production	\$	27,114,576	28,141,484	+ 1,026,908
Value added by manufacture x	\$	4,767,112	6,043,937	+ 1,276,825

x Gross value of production less cost of materials and fuel and electricity used.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1946

Table 3. - Principal Statistics of the Cotton and Jute Bag Industry, Grouped According to the Size of Establishments, 1944, 1945 and 1946.

Establishments having a production of	Establishments	Capital Invested	Total Employees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
<u>1944</u>						
\$5,000 to under						
\$25,000	4	-				
\$25,000 to under	)	-	77	59,890	40,027	124,359
\$50,000	2	-				
\$50,000 to under						
\$100,000	4	-	69	69,320	199,458	314,274
\$100,000 to under						
\$500,000	7	-				
\$500,000 to under	)	-	335	335,839	2,718,696	3,336,221
\$1,000,000	2	-				
\$1,000,000 and over ..	13	-	1,006	1,297,434	19,116,852	22,824,151
TOTAL	32	(1)	1,487	1,762,483	22,075,033	26,599,005
<u>1945</u>						
\$5,000 to under						
\$25,000	4	-				
\$25,000 to under)	-				
\$50,000	3	-	151	144,082	225,840	417,152
\$50,000 to under)	-				
\$100,000	3	-				
\$100,000 to under						
\$500,000	6	-				
\$500,000 to under	)	-	358	381,901	3,127,373	3,852,632
\$1,000,000	3	-				
\$1,000,000 and over ..	13	-	977	1,328,724	18,926,736	22,844,792
TOTAL	32	(1)	1,486	1,854,707	22,279,949	27,114,576
<u>1946</u>						
\$5,000 to under						
\$25,000	3	-				
\$25,000 to under)	-				
\$50,000	2	-	79	75,143	139,654	233,196
\$50,000 to under)	-				
\$100,000	2	-				
\$100,000 to under						
\$500,000	7	-	177	216,496	1,367,740	1,815,057
\$500,000 to under						
\$1,000,000	4	-	145	178,231	2,489,762	2,971,387
\$1,000,000 and over ..	13	-	1,012	1,473,003	18,029,134	23,121,844
TOTAL	31	(1)	1,413	1,942,873	22,026,290	28,141,484

(1) Information not collected.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1946

Table 4. - Production, 1945 and 1946

Principal Products	Unit of Measure	1945		1946	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
Bags manufactured -					
Jute	Dozen	7,364,851	16,960,597	7,768,140	17,234,055
Cotton	"	4,116,146	7,952,352	3,967,674	8,228,518
Paper, all kinds	"	-	(1)	-	(1)
All other	"	-	43,379	-	525,114
Bags made from old canvas ..	-	-	(1)	-	(1)
Bags repaired	-	-	1,250,920	-	1,533,992
Individual tea bags, all kinds	-	-	(1)	-	(1)
All other products	-	-	696,982	-	612,361
Custom and Contract Work ...	-	-	210,346	-	7,444
TOTAL VALUE OF PRODUCTS ..	-	-	27,114,576	-	28,141,484

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 bags".

Table 5. - Materials Used, 1945 and 1946

Principal Materials	Unit of Measure	1945		1946	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Fabrics -					
Jute	Yard	122,356,534	13,807,439	121,214,265	12,187,588
Cotton	"	49,426,839	6,681,976	45,076,160	7,162,842
Paper	"	-	38,786	-	113,307
All other	-	-	129,745	-	62,544
Paper	-	-	90,223	-	144,951
Secondhand bags	-	-	1,040,289	-	1,739,373
Sewing twine	Found	681,484	277,350	740,696	339,876
Thread	"	72,673	31,834	-	28,432
Printing ink	"	421,534	109,748	472,563	123,832
Rubber	"	-	14,342	-	9,121
All other materials	-	-	43,512	-	99,578
Packing and shipping materials	-	-	14,705	-	14,846
TOTAL COST OF MATERIALS USED		-	22,279,949	-	22,026,890

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1946

Table 6. - Capital Invested, representative years, 1924-1946

	Fixed Capital	Working Capital		
		Inventory Value of materials, stocks in process, fin- ished products fuel and miscel- laneous supplies on hand	Operating Capital (cash, bills and accounts receivable, prepaid expenses, etc.).	Total Capital
		\$	\$	\$
1924	2,504,897	1,954,654	1,235,812	5,695,363
1929	2,925,922	1,976,050	1,756,787	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	1,828,977	981,465	5,353,146
1935	2,568,573	1,859,641	793,379	5,221,593
1936	2,490,873	1,858,518	878,196	5,227,587
1937	2,717,232	2,531,437	1,058,608	6,307,277
1938	2,295,808	2,070,511	925,427	5,291,806
1939	2,497,371	2,487,686	1,357,512	6,342,569
1940	2,566,960	2,919,192	1,661,625	7,147,777
1941	2,534,174	3,031,721	2,118,632	9,684,527
1942	2,605,494	4,599,713	2,536,187	9,541,394
1943	2,609,550	5,269,755	2,080,452	9,899,757

The above information not collected since 1943

Table 7. - Employees by Sex and Remuneration, 1944, 1945 and 1946

		1944	1945	1946
Salaried Employees -				
Total	No.	174	188	182
Male	No.	114	124	122
Female	No.	60	64	60
Total Salaries	\$	501,100	530,811	589,535
Wage-earners -				
Monthly average	No.	1,313	1,298	1,251
Male	No.	316	323	385
Female	No.	997	975	846
Total wages	\$	1,261,383	1,323,896	1,353,358
All Employees -				
Total	No.	1,487	1,486	1,413
Male	No.	430	447	507
Female	No.	1,057	1,039	906
Total Salaries and wages	\$	1,762,483	1,834,707	1,942,873

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1946

Table 8. - Monthly Employment of Wage-earners, 1944, 1945 and 1946

	1944			1945			1946		
	Male Female Total			Male Female Total			Male Female Total		
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	308	1,024	1,332	335	1,135	1,470	387	897	1,284
February	309	1,001	1,310	335	1,197	1,532	385	901	1,286
March	311	1,033	1,344	336	1,093	1,429	398	907	1,305
April	316	1,019	1,335	333	1,048	1,381	407	873	1,280
May	320	997	1,317	329	1,010	1,339	373	858	1,231
June	302	1,003	1,305	325	891	1,216	366	859	1,225
July	296	951	1,247	330	848	1,178	376	831	1,207
August	319	937	1,256	332	862	1,194	370	826	1,196
September	324	981	1,305	349	868	1,217	379	810	1,189
October	318	1,083	1,401	371	920	1,291	384	807	1,191
November	314	969	1,283	378	954	1,332	397	797	1,194
December	320	981	1,301	368	870	1,238	400	780	1,180
MONTHLY AVERAGE.	316	997	1,313	323	975	1,298	385	846	1,231

Table 9 - Power Equipment, 1945 and 1946

Classes of Power	1945			1946		
	Number of Units	Manufacturers'		Number of Units	Manufacturers'	
		Rating of Horse-power Capacity	Rating of Horse-power Capacity		Rating of Horse-power Capacity	Rating of Horse-power Capacity
Gasoline, gas and oil engines -						
In use	-	-	-	-	-	-
Idle	1	5	1	5		
Electric Motors operated by purchased power -						
In use	476	1,566	528	528	1,599	
Idle	50	180	61	61	208	
TOTAL POWER USED IN MANUFACTURING	527	1,751	590	590	1,812	
Boiler Installation -						
In use	4	298	4	4	298	
Idle	-	-	-	-	-	

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1946

Table 10. - Consumption of Fuel and Electricity, 1945 and 1946

Kinds of Fuel	Unit of Measure	1945		1946	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous	(2000 lb.)	3,064	28,336	3,071	28,149
Anthracite	"	12	216	47	695
Coke (for fuel only)	"	26	346	31	391
Gasoline x	Imp. Gal.	15,542	4,740	15,775	5,189
Kerosene or coal oil	" "	868	233	835	187
Fuel oil	" "	-	-	33,374	2,840
Wood	Cord	13	183	-	141
Gas, manufactured	N cu. ft.	205	349	272	296
Gas, natural	" "	215	71	191	67
Other fuel	-	-	5,522	-	5,273
TOTAL COST OF FUEL	-	-	39,996	-	43,228
Electricity purchased (including service charges) .	Kw.h.	1,238,973	27,519	1,257,121	28,029
TOTAL COST OF FUEL AND ELECTRICITY	-	-	67,515	-	71,257

x Includes gasoline used in cars and trucks.

Table 11. - Imports of Cotton and Jute Bags, 1945 and 1946

Articles Imported	Unit of Measure	1945		1946	
		Quantity	Value	Quantity	Value
Bags, cotton	Found	86,319	63,218	423,651	302,682
Bags or sacks of hemp, linen or jute	-	-	685,763	-	565,691
Bags used or second-hand made from fabrics composed wholly of vegetable fibres	-	-	919,113	-	941,453

Table 12. - Exports of Cotton and Jute Bags, 1945 and 1946

Articles Exported	1945		1946	
	Value	Value	Value	Value
Bags, cotton, jute or similar material -		\$		\$
Canadian produce	498,379		615,941	
Foreign produce	290,785		61,482	

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1946

APPENDIX

Cotton and Jute Bag Manufacturers, 1946

PRINCE EDWARD ISLAND

Prince Edward Island Bag Company Limited

Summerside

QUEBEC

Atlas Bag & Bagging Company

Beaudoin, Jos. T.

Bonar Thomas, & Co. (Canada), Limited

Canadian Bag Company Limited, The

City Bag Company, The

National Bag Company

Sendel & Sendel Limited

Woods Manufacturing Company Limited

Workman Bag Company, The

37 Nazareth Street, Montreal

Thetford Mines

606 De Courcelles Street, Montreal

2485 St. Patrick Street, Montreal

776 Chatham St., Montreal

4589 Colonial Ave., Montreal

120 McGill Street, Montreal

2660 Mullins Street, Montreal

739 Bourget Street, Montreal

ONTARIO

Lloyd Bag Company Limited

Dominion Bag Company

Standard Bag & Burlap Company

Quaker Oats Company, The, of Canada Limited

Onario Bag Company

Burlap Bag Products Limited, The

Canadian Bag Co. Ltd., The

(H.O. 2485 St. Patrick Street, Montreal, P.Q.)

Hunt, Harry E. & Company

Morris Burlap Manufacturing Co.

Nock Brothers & Ayre Company

Woods Manufacturing Company Limited

Walkerville Bag Manufacturing Co. Ltd.

Windsor Buff & Specialties Manufacturing Co.

114 St. Clair, Chatham

278-280 York Street, Hamilton

183 Catherine St. N., Hamilton

34 Hunter Street W., Peterborough

Port Colborne

251 College Street, Toronto

100 Eaton Road, Toronto 9

130 Dundas St. W., Toronto

130 Liberty Street, Toronto

4 Berti Street, Toronto 2

401 Logan Avenue, Toronto 8

Walkerville

1385 Tecumseh Road, E., Windsor

MANITOBA

Canadian-Bemis Bag Company Limited

Dominion Bag Company

Manitoba Bag Company

Sunset Manufacturing Company Limited

Woods Manufacturing Company Limited

(H.O. 2660 Mullins Street, Montreal, P.Q.)

311 Alexander Avenue, Winnipeg

143 Portage Ave., E., Winnipeg

201 Princess St., Winnipeg

655 Logan Avenue, Winnipeg

140 Alexander Avenue E., Winnipeg

SASKATCHEWAN

Prairie Bag Company Limited

429 River Street West, Moose Jaw

ALBERTA

Southern Alberta Sack Co.

Rear 108 - 5th South, Lethbridge

BRITISH COLUMBIA

Canadian-Bemis Bag Company Limited

(H.O. 311 Alexander Avenue, Winnipeg, Man.)

900 Parker Street, Vancouver

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