

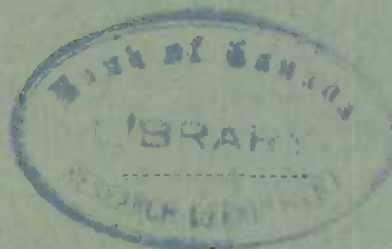
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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**CENSUS OF INDUSTRY**  
**GENERAL MANUFACTURING STATISTICS**

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**REPORT**  
**ON THE**  
**COTTON & JUTE BAG INDUSTRY**  
**IN**  
**CANADA**  
**1945**



**OTTAWA**  
**1947**

Price 15 cents

14-1730



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, 1945.

In 1945 reports were received from thirty-two establishments whose principal products consisted of cotton or jute bags. These plants furnished employment to 1,627 persons who were paid \$1,854,707 in salaries and wages; and produced goods with a selling value at the factory of \$27,114,576. The location of the plants was as follows: Prince Edward Island 1, Quebec 10, Ontario 13, Manitoba 5, Saskatchewan 1, Alberta 1, British Columbia 1.

The industry operated at a slightly higher level of production during 1945. The value of products made, amounting to \$27,114,576 was \$515,571 higher than in the previous year. Reflected in the increased output is an increase of 140 in the number of persons employed and \$92,224 in the salaries and wages paid. There was also an increase of \$302,976 in the value added by manufacture.

The production of cotton and jute bags, numbering 11,480,997 dozen and valued at \$24,912,949 in 1945 comprised over 91 per cent of the output of the industry. The repairing of bags amounting to \$1,250,920 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 648,518 dozen in the production of jute bags and a decrease of 590,256 dozen in the production of cotton bags. Charges for repairing bags increased \$327,599.

The principal materials used consisted of 122,356,534 yards of jute fabrics valued at \$13,807,439 and 49,426,839 yards of cotton fabrics valued at \$6,681,976. These two items accounted for 91.9 per cent of the total value of materials used. Second hand bags valued at \$1,040,289 and sewing twine to the extent of 681,484 pounds were the other important materials used in 1945.

By referring to table 3 it will be observed that the 13 largest plants reported a production of \$22,844,792 or 84.3 per cent of the total output. They also reported 977 or over 60 per cent of the number of persons engaged in the industry.

Employment in this industry is fairly constant throughout the year. February with 1,635 wage-earners was the month of highest employment while July with 1,304 was the month of lowest employment. Female wage-earners comprise approximately 77.5 per cent of the total number employed.



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1945.

Table 1. - Principal Statistics for representative years, 1922 to 1945.

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	6,981,188
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	12,438,072
1941 .....	26	9,684,527	1,089	1,190,635	14,142,983	17,829,801
1942 .....	30	9,541,394	1,334	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
<u>1 9 4 4</u>						
CANADA .....	32	(1)	1,487	1,762,483	22,075,033	26,599,005
Prince Edward Island, and Quebec .....	11	-	605	678,859	7,389,736	9,270,554
Ontario .....	13	-	453	549,837	5,998,438	7,196,129
Manitoba, Saskat- chewan, Alberta and British Columbia ..	8	-	429	533,787	8,686,859	10,132,322
<u>1 9 4 5</u>						
CANADA .....	32	(1)	1,627	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	-	614	570,213	6,057,046	7,571,107
Manitoba, Saskat- chewan, Alberta and British Columbia ..	8	-	404	552,772	8,357,825	9,752,981

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.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1945.

Table 2. - Comparison of Principal Statistics, 1944 and 1945

Items		1944	1945	+ Increase - Decrease
Establishments reporting .....	No.	32	32	-
Employees on salaries -				
Total .....	No.	174	188	+ 14
Male .....	No.	114	124	+ 10
Female .....	No.	60	64	+ 4
Total Salaries .....	\$	501,100	530,811	+ 29,711
Employees on wages -				
Monthly average .....	No.	1,313	1,439	+ 126
Male .....	No.	316	323	+ 7
Female .....	No.	997	1,116	+ 119
Total Wages .....	\$	1,261,383	1,323,896	+ 62,513
Power Equipment -				
Units .....	No.	491	527	+ 36
Horse-power capacity .....	H.P.	1,668	1,751	+ 83
Cost of Fuel and electricity ....	\$	59,836	67,515	+ 7,679
Cost of materials used .....	\$	22,075,033	22,279,949	+ 204,916
Gross value of production .....	\$	26,599,005	27,114,576	+ 515,571
Value added by manufacture x ....	\$	4,464,136	4,767,112	+ 302,976

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

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1945.

Table 3. - Principal Statistics of the Cotton and Jute Bag Industry, Grouped According to the Size of Establishments, 1943, 1944 and 1945.

Establishments having a pro- duction of -	Estab- lish- ments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
<u>1943</u>						
\$5,000 to under .	)					
\$25,000 .....	2)					
\$25,000 to under	)					
\$50,000 .....	3)	139,631	115	100,401	198,074	350,892
\$50,000 to under	)					
\$100,000 .....	3)					
\$100,000 to under						
\$500,000 .....	8	677,107	385	357,341	1,712,682	2,336,898
\$500,000 to under	)					
\$1,000,000 .....	2)	9,083,019	918	1,214,510	17,911,578	21,397,618
\$1,000,000 and over	12)					
TOTAL .....	30	9,899,757	1,418	1,672,252	19,822,334	24,085,408
<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)		335	335,839	2,718,696	3,336,221
\$500,000 to under	2)					
\$1,000,000						
\$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)	-	292	144,082	225,840	417,152
\$50,000 to under	)					
\$100,000 .....	3)					
\$100,000 to under						
\$500,000 .....	6)	-	358	381,901	3,127,373	3,852,632
\$500,000 to under	)					
\$1,000,000	3)					
\$1,000,000 and over	13	-	977	1,328,724	18,926,736	22,844,792
TOTAL .....	32	(1)	1,627	1,854,707	22,279,949	27,114,576

(1) Information not collected.



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1945.

Table 4. - Production, 1944 and 1945

Principal Products	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
Bags manufactured -					
Jute .....	Dozen	6,716,333	15,756,984	7,364,851	16,960,597
Cotton .....	"	4,706,402	9,110,139	4,116,146	7,952,352
Paper, all kinds ...	"	-	(1)	-	(1)
All other .....	-	-	378,931	-	43,379
Bags made from old canvas .....	-	-	(1)	-	(1)
Bags repaired .....	-	-	923,321	-	1,250,920
Individual tea bags, all kinds .....	-	-	(1)	-	(1)
All other products .....	-	-	257,819	-	696,982
Custom and Contract Work .....	-	-	171,811	-	210,346
TOTAL VALUE OF PRODUCTS .....	-	-	26,599,005	-	27,114,576

**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, 1944 and 1945

Principal Materials	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Fabrics -					
Jute .....	Yard	114,111,489	12,898,181	122,356,534	13,807,439
Cotton .....	"	55,462,192	7,627,029	49,426,839	6,681,976
Paper .....	"	-	27,476	-	<b>38,786</b>
All other .....	-	-	91,444	-	129,745
Paper .....	-	-	76,606	-	90,223
Secondhand bags .....	-	-	829,188	-	1,040,289
Sewing twine .....	Pound	689,383	283,175	681,484	277,350
Thread .....	"	-	59,686	72,673	31,834
Printing ink .....	"	231,877	63,532	421,534	109,748
Rubber .....	"	10,523	4,962	-	14,342
All other materials .....	-	-	95,765	-	43,512
Packing and shipping materials .....	-	-	<b>17,989</b>	-	14,705
TOTAL COST OF MATERIALS USED .....	-	-	22,075,033	-	22,279,949

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1945.

Table 6. - Capital Invested, representative years, 1924 - 1945

	Fixed Capital	Working 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.)	Total Capital
	\$	\$	\$	\$
1924 .....	2,504,897	1,954,654	1,235,812	5,695,363
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	1,828,977	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	925,487	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	5,031,721	2,118,632	9,684,527
1942 .....	2,605,494	4,599,713	2,336,187	9,541,394
1943 .....	2,609,550	5,269,755	2,020,452	9,899,757
1944 .....	Information not collected			
1945 .....	"	"	"	

Table 7. - Employees by Sex and Remuneration, 1943, 1944 and 1945

		1943	1944	1945
<b>Salaried Employees -</b>				
Total .....	No.	171	174	188
Male .....	No.	110	114	124
Female .....	No.	61	60	64
Total Salaries .....	\$	495,402	501,100	530,811
<b>Wage-earners -</b>				
Monthly average .....	No.	1,247	1,313	1,439
Male .....	No.	279	316	323
Female .....	No.	968	997	1,116
Total wages .....	\$	1,176,850	1,261,383	1,323,896
<b>All Employees -</b>				
Total .....	No.	1,418	1,487	1,627
Male .....	No.	389	430	447
Female .....	No.	1,029	1,057	1,180
Total Salaries and wages .....	\$	1,672,252	1,762,483	1,854,707



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1945

Table 8. - Monthly Employment of Wage-earners, 1943, 1944 and 1945

	1 9 4 3			1 9 4 4			1 9 4 5		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January .....	264	992	1,256	308	1,024	1,332	335	1,227	1,562
February .....	264	1,004	1,268	309	1,001	1,310	335	1,300	1,635
March .....	268	1,012	1,280	311	1,033	1,344	336	1,239	1,575
April .....	268	990	1,258	316	1,019	1,335	333	1,149	1,482
May .....	274	999	1,273	320	997	1,317	329	1,141	1,470
June .....	275	986	1,261	302	1,003	1,305	325	1,014	1,339
July .....	286	959	1,245	296	951	1,247	330	974	1,304
August .....	270	937	1,207	319	937	1,256	332	1,023	1,355
September .....	286	915	1,201	324	981	1,305	349	1,006	1,355
October .....	282	939	1,221	318	1,083	1,401	371	1,059	1,430
November .....	290	943	1,233	314	969	1,283	378	1,195	1,573
December .....	298	975	1,273	320	981	1,301	368	1,053	1,421
MONTHLY AVERAGE ..	279	968	1,247	316	997	1,313	323	1,116	1,439

Table 9. - Number of Wage-earners with their Regular Hours of Work per Week and Average Weekly Earnings, 1944 and 1945.

Number of Hours Worked per Week	1 9 4 4 (1)		1 9 4 5 (1)	
	Male	Female	Male	Female
	No.	No.	No.	No.
30 hours or less .....	32	149	34	97
31 - 43 hours .....	34	210	29	526
44 hours .....	6	72	9	92
45 - 47 hours .....	45	179	70	216
48 hours .....	82	431	74	436
49 - 50 hours .....	29	56	32	48
51 - 54 hours .....	53	108	71	108
55 hours .....	15	5	12	29
56 - 64 hours .....	40	28	53	23
65 hours and over .....	10	-	12	-
Average hours per week .....	47.6	43.6	48.2	43.0
Average weekly earnings .....	\$27.25	\$16.02	\$29.33	\$13.09

(1) One week in month of highest employment, and overtime included.

	1944		1945	
Classes of Power	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines ..... (Idle)	-	-	-	-
Gasoline, gas and oil engines ..... (In use)	-	-	-	-
(Idle)	1	5	1	5
Electric Motors operated by purchased power ..... (In use)	440	1,483	476	1,566
(Idle)	50	180	50	180
TOTAL POWER USED IN MANUFACTURING	491	1,668	527	1,751
Boiler installation .. (In use)	4	298	4	298
(Idle)	-	-	-	-

Kinds of Fuel	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous .....	(2000 lb.)	2,782	25,124	3,064	28,336
Anthracite .....	"	17	286	12	216
Coke (for fuel only) ..	"	24	299	26	346
Gasoline x .....	Imp.Gal.	11,524	3,823	15,542	4,740
Kerosene or coal oil ..	" "	536	111	868	233
Wood .....	Cord	11	165	13	183
Gas, manufactured .....	M cu. ft.	173	181	205	349
Gas, natural .....	M cu. ft.	183	55	215	71
Other fuel .....	-	-	4,647	-	5,522
TOTAL COST OF FUEL ....	-	-	34,691	-	39,996
Electricity purchased (including service charges) .....	Kw.h.	1,134,883	25,145	1,238,973	27,519
TOTAL COST OF FUEL AND ELECTRICITY .....	-	-	59,836	-	67,515

x Includes gasoline used in cars and trucks.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1945.

Table 12. - Imports of Cotton and Jute Bags, 1944 and 1945.

Articles Imported	Unit of Measure	1 9 4 4		1 9 4 5	
		Quantity	Value	Quantity	Value
			\$		\$
Bags, seamless, cotton .....	Pound	90,295	106,586	86,319	63,218
Bags or sacks of hemp, linen or jute .....	-	-	395,570	-	685,763
Bags used or second-hand made from fabrics composed wholly of vegetable fibres .....	-	-	919,078	-	919,113

Table 13. - Exports of Cotton and Jute Bags, 1944 and 1945.

Articles Exported	1 9 4 4		1 9 4 5	
	Value		Value	
	\$		\$	
Bags, cotton, jute, or similar material .....	37,982		290,785	



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1945.

A P P E N D I X

Cotton and Jute Bag Manufacturers, 1945.

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 Limited, The  
Peck, McEwen & Co. Ltd.,  
Sendel & Sendel Limited  
Woods Manufacturing Company Limited  
Workman Bag Company, The  
Eastern Bags Reg'd.

37 Nazareth Street, Montreal  
Thetford Mines  
606 De Courcelles Street, Montreal  
2485 St. Patrick Street, Montreal  
776 Chatham St., Montreal  
781 Belanger E., Montreal  
120 McGill Street, Montreal  
2660 Mullins Street, Montreal  
739 Bourget Street, Montreal  
St. Gabriel de Brandon

ONTARIO

Lloyd Bag Company Limited  
Dominion Bag Company  
Standard Bag & Burlap Company  
Quaker Oats Company, The, of Canada Limited  
Ontario Bag Company  
Burlap Bag Products Limited, The  
Canadian Bag Co. Ltd., The  
(H.O. 2485 St. Patrick St., Montreal, P.Q.)  
Hunt, Harry E. & Company  
Morris Burlap Manufacturing Co., The  
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 Paton 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 Manitoba Ave., 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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