



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**

**1943**



OTTAWA  
1945

Price 15 cents



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

---

Dominion Statistician: S. A. Cudmore, M.A. (Oxon.), F.R.S.C.  
Chief, General Manufactures Branch: A. Cohen, B Com.

---

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1943.

In 1943 reports were received from thirty establishments whose principal output consisted of cotton and jute bags.

In 1943 reports were received from thirty establishments whose principal products consisted of cotton or jute bags. These plants reported a capital investment of \$9,899,757 in fixed and current assets; they furnished employment to 1,418 persons who were paid \$1,672,252 in salaries and wages; and produced goods with a selling value at the factory of \$24,085,408. The location of the plants was as follows: Prince Edward Island 1, Quebec 9, Ontario 13, Manitoba 4, Saskatchewan 1, Alberta 1, British Columbia 1.

The industry operated at a higher level of production during 1943. The value of products made, amounting to \$24,085,408 was \$3,335,535 higher than in the previous year. Reflected in the increased output is an increase of 84 in the number of persons employed and \$205,275 in the salaries and wages paid. There was also an increase of \$133,948 in the value added by manufacture.

The production of cotton and jute bags, numbering 10,529,649 dozen and valued at \$21,942,444 in 1943 comprised over 91 per cent of the output of the industry. The repairing of bags amounting to \$1,115,284 was the other main item of production. For details of products made see table 4. In addition to the bags manufactured by the industry from materials supplied by the establishments reporting, about 12,000,000 powder bags were also made on a commission basis, from materials supplied by the customer. Compared with the previous year there was an increase of 337,087 dozen in the production of jute bags and 431,823 dozen in the production of cotton bags. Charges for repairing bags were also \$130,623 higher.

The principal materials used consisted of 73,789,644 yards of jute fabrics valued at \$8,272,718, and 72,035,428 yards of cotton fabrics valued at \$9,983,569. These two items accounted for 92 per cent of the total value of materials used. There were also 7,410,224 secondhand bags and 553,527 pounds of sewing twine used during 1943.

By referring to table 3 it will be observed that the 14 largest plants reported a production of \$21,397,618, or 89 per cent of the total output. They also reported \$9,083,019 or 92 per cent of the total capital, and 918 or 65 per cent of the number of persons engaged in the industry.

Employment in this industry is fairly constant throughout the year. March with 1,280 wage-earners was the month of highest employment while September with 1,201 was the month of lowest employment. Female wage-earners comprise approximately 77 per cent of the total number employed.



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1943.

Table 1. - Principal Statistics for representative years, 1922 to 1943.

Year and Provinces	Estab-lish-ments No.	Capital Invested \$	Total Em- ployees No.	Total Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$
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

CANADA ....	30	9,541,394	1,334	1,466,977	16,625,355	20,749,873
Prince Edward Island, and Quebec ...	10	3,364,604	643	644,400	5,938,061	7,788,584
Ontario .....	13	2,260,740	373	412,297	4,294,925	5,446,356
Manitoba, Saskat- chewan, Alberta and British Columbia	7	3,916,050	318	410,280	6,342,369	7,514,933

1943

CANADA ....	30	9,899,757	1,418	1,672,252	19,822,334	24,085,408
Prince Edward Island, and Quebec ...	10	3,765,991	630	725,679	6,878,665	8,612,988
Ontario .....	13	2,320,840	419	481,659	5,334,082	6,614,162
Manitoba, Saskat- chewan, Alberta and British Columbia	7	3,812,926	369	464,914	7,609,587	8,858,258

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, 1943.

Table 2. - Comparison of Principal Statistics, 1942 and 1943.

Items	1 9 4 2	1 9 4 3	+ Increase - Decrease
Establishments reporting ..... No.	30	30	-
Capital invested ..... \$	9,541,394	9,899,757	+ 358,363
Employees on salaries -			
Total ..... No.	180	171	- 9
Male ..... No.	117	110	- 7
Female ..... No.	63	61	- 2
Total salaries ..... \$	477,147	495,402	+ 18,255
Employees on wages -			
Monthly average ..... No.	1,154	1,247	+ 93
Male ..... No.	274	279	+ 5
Female ..... No.	880	968	+ 88
Total wages ..... \$	989,830	1,176,850	+ 187,020
Power Equipment -			
Units ..... No.	437	457	+ 20
Horse-power capacity ..... H.P.	1,633	1,628	- 5
Cost of fuel and electricity ... \$	63,274	67,882	+ 4,608
Cost of materials used ..... \$	16,625,355	19,822,334	+ 3,196,979
Gross value of production ..... \$	20,749,873	24,085,408	+ 3,335,535
Value added by manufacture x ... \$	4,061,244	4,195,192	+ 133,948

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



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1943.

Table 3. - Principal Statistics of the Cotton and Jute Bag Industry, Grouped According to the Size of Establishments, 1941, 1942 and 1943.

Establishments having a pro- duction of -	Estab- lish- ments No.	Capital Invested \$	Total Em- ployees No.	Total Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Production \$
<u>1941</u>						
\$5,000 to under	)					
\$25,000 .....	2)					
\$25,000 to under	)	116,627	89	61,067	134,469	216,535
\$50,000 .....	3)					
\$50,000 to under	)					
\$100,000 .....	1)					
\$100,000 to under						
\$500,000 .....	6	365,744	134	110,071	1,182,024	1,415,706
\$500,000 to under						
\$1,000,000 ....	5	1,395,928	176	194,285	3,018,724	3,710,152
\$1,000,000 and over	9	7,806,228	690	825,212	9,807,766	12,487,406
TOTAL .....	26	9,684,527	1,080	1,190,635	14,142,983	17,829,801
<u>1942</u>						
\$5,000 to under	)					
\$25,000 .....	3)	123,593	55	38,340	65,847	120,110
\$25,000 to under	)					
\$50,000 .....	2)					
\$50,000 to under						
\$100,000 .....	4	104,973	74	63,021	193,499	311,930
\$100,000 to under						
\$500,000 .....	7	518,981	368	284,142	1,297,610	2,022,608
\$500,000 to under						
\$1,000,000 ....	5	2,009,193	201	209,479	3,580,442	4,236,203
\$1,000,000 and over	9	6,784,654	636	871,995	11,487,957	14,059,022
TOTAL .....	30	9,541,394	1,334	1,466,977	16,625,355	20,749,873
<u>1943</u>						
\$5,000 to under	)					
\$25,000 .....	2)					
\$25,000 to under	)	139,631	115	100,401	198,074	350,892
\$50,000 .....	3)					
\$50,000 to under	)					
\$100,000 .....	3)					
\$100,000 to under						
\$500,000 .....	8	677,107	385	357,341	1,714,682	2,336,898
\$500,000 to under	)					
\$1,000,000 ....	2)	9,066,613	918	1,214,510	17,911,573	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

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1943.

Table 4. - Production, 1942 and 1943.

Principal Products	Unit of Measure	1 9 4 2		1 9 4 3	
		Quantity	Selling Value at Factory \$	Quantity	Selling Value at Factory \$
Bags manufactured -					
Jute .....	Dozen	4,303,469	9,113,331	4,640,556	10,376,845
Cotton .....	"	5,257,270	9,659,547	5,689,093	11,565,599
Paper, all kinds .....	"	731,788	113,420	-	(1)
All other .....	-	-	152,717	-	373,518
Bags made from old canvass	-	-	(1)	-	(1)
Bags repaired .....	-	-	984,661	-	1,115,284
Individual tea bags,					
all kinds .....	-	-	(1)	-	(1)
All other products .....	-	-	285,480	-	396,884
Custom work .....	-	-	435,717	-	257,278
TOTAL VALUE OF PRODUCTS .....	-	-	20,749,873	-	24,085,408

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, 1942 and 1943.

Principal Materials	Unit of Measure	1 9 4 2		1 9 4 3	
		Quantity	Cost Value at Factory \$	Quantity	Cost Value at Factory \$
Fabrics -					
Jute .....	Yard	67,239,749	6,933,205	73,789,644	8,272,718
Cotton .....	"	57,431,734	8,293,378	72,093,428	9,983,569
Paper .....	"	-	22,395	-	29,424
All other .....	-	-	98,538	-	99,580
Paper .....	-	-	49,910	-	73,635
Secondhand bags .....	Number	7,228,203	841,228	7,410,244	899,273
Sewing twine .....	Pound	471,987	148,947	553,527	219,059
Thread .....	"	112,261	56,656	115,252	54,862
Printing ink .....	"	329,016	87,915	303,423	78,465
Rubber .....	"	15,537	7,645	8,491	4,489
All other materials .....	-	-	24,174	-	88,654
Packing and shipping materials .....	-	-	20,304	-	18,606
TOTAL COST OF MATERIALS USED .....	-	-	16,625,355	-	19,822,331



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1943.

Table 6. - Capital Invested, representative years, 1924-1943.

Year and Provinces	Fixed Capital	Working Capital		Total Capital
	Land buildings, fixtures, machinery, tools and other equipment	Inventory Value of materials, stocks in process, fin- ished products fuel and miscella- neous 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
1929 .....	2,925,922	1,978,050	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	981,463	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
<u>1943</u>				
CANADA .....	2,609,550	5,269,755	2,020,452	9,899,757
Prince Edward Island, and Quebec .....	972,955	1,972,998	820,038	3,765,991
Ontario .....	696,271	1,325,512	299,057	2,320,840
Manitoba, Saskatchewan, Alberta and British Columbia .....	940,324	1,971,245	901,357	3,812,926

Table 7. - Employees by Sex and Remuneration, 1941, 1942 and 1943.

		1941	1942	1943
<b>Salaried Employees -</b>				
Total .....	No.	152	180	171
Male .....	No.	104	117	110
Female .....	No.	48	63	61
Total salaries .....	\$	406,464	477,147	495,402
<b>Wage-earners -</b>				
Monthly average .....	No.	937	1,154	1,247
Male .....	No.	292	274	279
Female .....	No.	645	880	968
Total wages .....	\$	784,171	989,830	1,176,850
<b>All Employees -</b>				
Total .....	No.	1,089	1,334	1,418
Male .....	No.	396	391	389
Female .....	No.	693	943	1,029
Total salaries and wages ..	\$	1,190,635	1,466,977	1,672,252



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1943.

Table 8. - Monthly Employment of Wage-earners, 1941, 1942 and 1943.

Months	1 9 4 1			1 9 4 2			1 9 4 3		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January .....	296	583	879	302	816	1,118	264	992	1,256
February .....	292	597	889	294	839	1,133	264	1,004	1,268
March .....	292	616	908	295	897	1,192	268	1,012	1,280
April .....	293	634	927	282	928	1,210	268	990	1,258
May .....	284	634	918	270	891	1,161	274	999	1,273
June .....	275	638	913	260	871	1,131	275	986	1,261
July .....	287	644	931	265	871	1,136	286	959	1,245
August .....	291	639	930	261	897	1,158	270	937	1,207
September .....	292	672	964	259	965	1,224	286	115	1,201
October .....	310	701	1,011	264	1,076	1,340	282	939	1,221
November .....	298	709	1,007	262	749	1,011	290	943	1,233
December .....	284	662	946	261	750	1,011	298	975	1,273
MONTHLY AVERAGE.	292	645	937	274	880	1,154	279	968	1,247

Table 9. - Number of Wage-earners with their Regular Hours of Work per Week and Average Weekly Earnings, 1942 and 1943.

Number of Hours Worked per Week	1 9 4 2(1)		1 9 4 3(1)	
	Male	Female	Male	Female
	No.	No.	No.	No.
30 hours or less .....	12	29	24	138
31 - 43 hours .....	12	94	19	176
44 hours .....	11	124	11	133
45 - 47 hours .....	36	144	44	168
48 hours .....	19	386	76	407
49 - 50 hours .....	46	162	41	87
51 - 54 hours .....	71	100	24	16
55 hours .....	7	29	10	2
56 - 64 hours .....	65	59	44	90
65 hours and over .....	30	45	27	19
Average hours per week .....	52.4	48.1	50.0	44.5
Average weekly earnings .....	\$26.88	\$13.42	\$27.50	\$14.43

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

		1942		1943	
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	1	40	-	-
Gasoline, gas and oil engines . . . . .	(In use	1	5	-	-
	(Idle	-	-	1	5
Electric Motors operated by purchased power . . . . .	(In use	393	1,435	413	1,466
	(Idle	42	153	43	157
TOTAL POWER USED IN MANUFACTURING		437	1,633	457	1,628
Boiler installation	(In use	6	369	8	698
	(Idle	1	100	1	100

Kinds of Fuel	Unit of Measure	1942		1943	
		Quantity	Cost Value at Factory \$	Quantity	Cost Value at Factory \$
Coal ..	Ton				
Bituminous .....	(2000 lb.)	3,265	28,085	3,600	32,934
Anthracite .....	"	30	251	5	70
Coke (for fuel only) ..	"	47	633	31	415
Gasoline x .....	Imp. Gal.	15,410	5,126	11,150	3,626
Kerosene or coal oil ..	" "	635	126	294	67
Wood .....	Cord	-	-	14	126
Gas, manufactured .....	M cu. ft.	237	261	189	211
Gas, natural .....	M cu. ft.	170	51	-	-
Other fuel .....	-	-	4,397	-	4,952
<b>TOTAL COST OF FUEL</b> ..	-	-	39,430	-	42,401
Electricity purchased (including service charges) .....	Kw.h.	989,416	23,844	1,092,743	25,481
<b>TOTAL COST OF FUEL AND ELECTRICITY</b> .....	-	-	63,274	-	67,882

x Includes gasoline used in cars and trucks.



THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1943.

A P P E N D I X

Cotton and Jute Bag Manufacturers, 1943.

PRINCE EDWARD ISLAND

Prince Edward Island Bag Company Limited                      Summerside.

QUEBEC

Atlas Bag & Bagging Company	37 Nazareth Street, Montreal
Beaudoin, Jos. T.	Thetford Mines
Bonar Thomas, & Co. (Canada), Limited	606 De Courcelles Street, Montreal
Canadian Bag Company Limited, The	<b>2485 St. Patrick</b> Street, Montreal
City Bag Company Limited, The	776 Chatham St., Montreal
Peck, McEwen & Co. Ltd.,	6340 St. Lawrence Blvd., 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

Lloyd Bag Company Limited	114 St. Clair, Chatham
Dominion Bag Company,	278-280 York Street, Hamilton
Standard Bag & Burlap Company	183 Catherine St. N., Hamilton
Quaker Oats Company, The	34 Hunter Street W., Peterborough
Ontario Bag Company	Port Colborne
Burlap Bag Products Limited, The	251 College Street, Toronto
Canadian Bag Co. Ltd., The	100 Paton Road, Toronto 9,
(H.O. 2485 St. Patrick St., Montreal, P.Q.)	
Hunt, Harry E. & Company	130 Dundas St. W., Toronto
Morris Burlap Manufacturing Co., The	24 Duncan Street, Toronto
Nock Brothers & Ayre Company	4 Berti Street, Toronto 2,
Woods Manufacturing Company Limited	401 Logan Avenue, Toronto 8
Walkerville Bag Manufacturing Co. Ltd.,	Walkerville
Windsor Buff & Specialties Manufacturing Co.	1385 Tecumseh Road, Windsor

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	140 Alexander Avenue E., Winnipeg
(H.O. 2660 Mullins Street, Montreal, P.Q.)	

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	900 Parker Street, Vancouver
(H.O. 311 Alexander Avenue, Winnipeg Man.)	





1010754044