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CANADA

# THE COTTON AND JUTE BAG INDUSTRY 1954



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## NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50
- II—The Manufacturing Industries of Canada, (7 sections, as follows:)
  - Section A. Summary for Canada, 25¢
  - Section B. Atlantic Provinces, 25¢
  - Section C. Quebec, 25¢
  - Section D. Ontario, 25¢
  - Section E. Prairie Provinces, 25¢
  - Section F. British Columbia, 25¢
  - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textile Mills
- VIII—Knitting Mills
- IX—Clothing
- X—Wood and Paper Products
- XI—Printing Trades
- XII—Iron and Steel Products
- XIII—Transportation Equipment
- XIV—Non-ferrous Metal Products
- XV—Electrical Apparatus and Supplies
- XVI—Non-metallic Mineral Products
- XVII—Products of Petroleum and Coal
- XVIII—Chemicals and Allied Products
- XIX—Miscellaneous Manufactures

The present report belongs in Part VII, Textile Mills. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A—General Review, 25¢
- B—The Cotton Textile Industries, 25¢
- C—The Wool Textile Industries, 25¢
- D—The Synthetic Textiles and Silk Industry, 25¢
- E—The Narrow Fabrics Industry, 25¢
- F—The Dyeing and Finishing of Textile Goods Industry, 25¢
- G—The Awning, Tent and Sail Industry, 25¢
- H—The Cordage, Rope and Twine Industry, 25¢
- I—The Cotton and Jute Bag Industry, 25¢
- J—The Miscellaneous Textiles Industries, 25¢

# THE COTTON AND JUTE BAG INDUSTRY

1954

In 1954 the cotton and jute bag industry reported factory shipments having a value of \$26,517,109. This was a 4.7 per cent increase over the \$25,321,927 of the previous year. The gain in the industry's value of factory shipments was accompanied by a 2.3 per cent rise in the cost of materials used. The bureau's volume of production index, based on 1949, reflected a slight upward trend with the index at 104.8 in 1954 as against 102.5 in 1953. A small drop occurred in the number of people employed. Virtually no change took place in the average price of 18 cents for jute bags and 23 cents for cotton bags over the two years.

Employment was provided for 1,136 persons in 1954, a decrease of 60 from the 1,196 of the previous year, while salary and wage payments declined from \$2,677,515 in 1953 to \$2,629,619 in the year under review. The cost of materials used rose from \$21,611,488 in 1953 to \$22,114,334 in 1954.

Shipments of jute bags in 1954 amounted to 6,040,590 dozen compared with 5,658,484 dozen in 1953. Deliveries of cotton bags were down slightly, the figures for 1953 and 1954 being 3,770,946 dozen and 3,620,438 dozen respectively. The value of bags repaired rose from \$1,061,141 in 1953 to \$1,525,598 in 1954.

In 1954 the industry consumed 92,512,727 yards of jute cloth compared with 88,035,766 in 1953. The consumption of cotton fabric declined from 42,167,563 yards in 1953 to 40,316,655 yards in the year under review. Further details of factory shipments and materials consumed are given in Tables 3 and 4 of this report.

The cotton and jute bag industry in 1954 consisted of 37 establishments of which 15 were located in Quebec, 11 in Ontario, 5 in Manitoba, 2 in Alberta, 2 in British Columbia, 1 in Saskatchewan and 1 in Prince Edward Island. While total shipments in the industry were spread over seven provinces, over half of these were concentrated in Quebec and Ontario.

The industry was dominated by eleven large firms each having factory shipments of more than one million dollars and this group accounted for 50 per cent of the industry's employment and 59 per cent of its shipments. The stability of employment may be measured by the variation in production workers from 876 in March to 1,003 in September. Total capital, repair and maintenance expenditures amounted to \$300,000, down 50 per cent from the \$610,000 reported a year earlier.

Beginning with 1954, information on the value of year end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. This data was formerly collected by a separate survey. The summarized results for the cotton and jute bag industry, for the year under review, will be found in Table 2.

Exports and imports of cotton and jute bags are very small in relation to the total Canadian market for these commodities. See Tables 6 and 7 for details of imports and exports.

TABLE 1. Principal Statistics for Representative Years, 1922 to 1954

Year and Province	Estab-lish-ments	Em-ployees	Salaries and wages	Cost at factory of fuel and electricity	Cost of materials used	Value added by manufacture	Gross value of production <sup>1</sup>
	No.	No.	\$	\$	\$	\$	\$
1922 .....	14	918	863,439	27,298	8,701,562	2,251,364	10,970,224
1925 .....	15	984	939,639	33,794	12,948,571	1,949,957	14,932,322
1927 .....	17	1,037	952,080	35,790	10,906,830	1,990,159	12,932,779
1928 .....	19	1,065	999,633	34,371	12,494,239	1,754,786	14,283,396
1930 .....	23	965	975,688	38,112	7,587,868	2,253,482	9,879,462
1932 .....	23	885	851,258	36,185	5,105,244	1,839,759	6,981,188
1934 .....	24	922	879,098	40,411	6,643,990	1,938,243	8,622,644
1936 .....	24	923	912,612	41,891	7,238,846	1,775,539	9,057,276
1937 .....	29	944	905,927	37,814	7,554,563	1,612,090	9,204,467
1938 .....	27	873	867,334	37,111	6,425,466	1,806,448	8,269,025
1939 .....	27	976	1,013,334	42,399	8,057,837	2,220,478	10,320,714
1940 .....	27	987	1,043,129	49,465	10,149,154	2,239,453	12,438,072
1941 .....	26	1,089	1,190,635	57,933	14,142,983	3,628,885	17,829,301
1942 .....	30	1,334	1,466,977	63,274	16,625,355	4,061,244	20,749,873
1943 .....	30	1,418	1,672,252	67,882	19,822,334	4,195,192	24,085,408
1944 .....	32	1,487	1,762,483	59,836	22,075,033	4,464,136	26,599,005
1945 .....	32	1,486	1,854,707	67,515	22,279,949	4,767,112	27,114,576
1946 .....	31	1,413	1,942,873	71,257	22,026,290	6,043,937	28,141,484
1947 .....	32	1,571	2,282,256	74,502	32,389,892	6,672,546	39,136,940
1948 .....	35	1,360	2,270,453	85,334	26,405,819	5,569,952	32,061,105
1949 .....	34	1,262	2,210,994	82,693	23,274,040	4,397,869	27,754,603
1950 .....	32	1,267	2,335,332	86,989	28,031,738	4,943,812	33,062,530
1951 .....	33	1,312	2,483,760	99,230	33,916,959	4,713,005	38,729,194
1952 .....	34	1,199	2,527,248	100,147	26,955,208	3,140,718 <sup>2</sup>	30,196,073
1953							
Canada .....	34	1,196	2,677,515	100,786	21,511,488	3,609,653 <sup>2</sup>	25,321,927
Prince Edward Island and Quebec	15	557	1,202,868	49,915	7,908,389	1,362,670 <sup>2</sup>	9,320,974
Ontario .....	10	270	588,546	17,042	3,888,871	882,202 <sup>2</sup>	4,788,115
Manitoba .....	4	219	524,454	21,604	5,490,998	674,102 <sup>2</sup>	6,186,704
Saskatchewan, Alberta and British Columbia .....	5	150	361,647	12,225	4,323,230	690,679 <sup>2</sup>	5,026,134
1954							
Canada .....	37	1,136	2,629,519	100,455	22,114,334	4,254,784	26,517,109
Prince Edward Island and Quebec	16	492	1,045,623	46,379	8,679,137	1,552,551	10,335,454
Ontario .....	11	265	615,492	22,711	3,927,395	1,119,913	5,059,702
Manitoba .....	5	230	578,590	20,283	5,353,522	972,622	6,355,009
Saskatchewan, Alberta and British Columbia .....	5	149	389,914	11,082	4,154,280	609,698	4,766,944

1. Beginning with 1952 the value of factory shipments has been collected instead of the gross value of production.

2. Because of insufficient inventory data in 1952 and 1953, these figures have been calculated from value of factory shipments and are, therefore, only approximations to true "value added".

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.



TABLE 2. Inventories<sup>1</sup>, 1934

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Prince Edward Island and Quebec .....	1,690,594	35,612	155,204	1,881,410
Ontario .....	1,221,792	23,162	447,761	1,692,715
Manitoba .....	1,208,331	38,243	38,169	1,284,743
Saskatchewan, Alberta and British Columbia .....	873,282	33,571	37,922	944,775
<b>Canada .....</b>	<b>4,993,999</b>	<b>130,588</b>	<b>679,056</b>	<b>5,803,643</b>
Closing:				
Prince Edward Island and Quebec .....	1,653,538	18,525	97,817	1,769,880
Ontario .....	1,004,406	19,033	458,078	1,481,517
Manitoba .....	1,292,705	56,669	29,587	1,378,961
Saskatchewan, Alberta and British Columbia .....	808,759	69,176	46,038	923,973
<b>Canada .....</b>	<b>4,759,408</b>	<b>163,403</b>	<b>631,520</b>	<b>5,554,331</b>

1. Book value of all manufacturing inventories held at plant or plant warehouses.

TABLE 3. Factory Shipments, 1933 and 1934

Principal products	1933		1934	
	Quantity	Selling value at factory	Quantity	Selling value at factory
	Dozen	\$	Dozen	\$
Manufactured bags:				
Jute .....	5,658,484	12,314,650	6,040,590	13,245,412
Cotton .....	3,770,946	10,566,256	3,620,438	10,003,183
Cotton mesh .....	85,935	123,048	119,488	175,168
Paper mesh .....	66,606	100,769	19,106	30,604
All other .....	—	575,027	—	775,046
Bags, repaired .....	—	1,061,141	—	1,525,598
Paper liners for bags .....	—	226,858	—	227,151
All other products .....	—	349,822	—	438,310
Custom and Contract Work .....	—	4,356	—	96,637
<b>Total factory shipments .....</b>	<b>—</b>	<b>25,321,927</b>	<b>—</b>	<b>26,517,109</b>

Note. The above figures do not necessarily represent Canadian totals as bags of various kinds are also manufactured in other industries. For total figures for cotton and jute bags in all industries see Table 5.

TABLE 4. Materials Used, 1953 and 1954

Principal materials	1953		1954	
	Quantity	Cost value at factory	Quantity	Cost value at factory
		\$		\$
Fabric:				
Jute ..... yard	88,035,776	10,067,005	92,512,727	11,042,062
Cotton ..... "	42,167,563	9,449,857	40,316,655	8,707,116
Duck ..... "	29,155	11,992	16,793	8,775
Burlap ..... pound	677,000	65,370	1	1
Paper fabric ..... "	3,012,259	454,068	2,709,874	504,851
All other ..... -	-	-	-	12,312
Paper mesh ..... -	-	55,320	}	174,534
Cotton mesh ..... -	-	141,107		
Secondhand bags ..... -	-	681,580	-	865,060
Sewing twine ..... pound	533,349	407,668	436,058	306,920
Thread ..... "	59,450	46,368	130,151	90,541
Printing ink ..... "	369,303	142,093	355,543	127,088
Rubber ..... "	12,366	15,161	9,961	14,422
All other materials ..... -	-	55,707	-	238,930
Packing and shipping materials ..... -	-	18,192	-	21,723
Total cost of materials used ..... -	-	21,611,488	-	22,114,334

1. Included in "All other fabrics."

TABLE 5. Production<sup>1</sup> of Cotton and Jute Bags in All Industries, 1939-1953

Year	Cotton bags		Jute bags	
	Quantity	Value	Quantity	Value
	Dozen	\$	Dozen	\$
1939 .....	4,407,503	4,243,836	5,998,687	5,601,703
1940 .....	4,395,669	4,644,020	5,987,011	7,233,122
1941 .....	5,210,216	7,227,997	5,772,834	9,401,021
1942 .....	5,316,964	9,693,827	4,303,969	9,119,467
1943 .....	6,022,553	11,640,429	4,640,556	10,376,845
1944 .....	5,047,213	9,180,128	6,716,333	15,756,984
1945 .....	4,450,741	8,055,597	7,377,251	16,966,145
1946 .....	4,070,512	8,324,666	7,768,895	17,236,320
1947 .....	4,001,883	11,046,376	8,421,512	22,716,224
1948 .....	3,181,926	8,549,573	6,604,772	19,709,268
1949 .....	3,629,704	9,732,206	5,286,189	15,278,710
1950 .....	4,204,979	12,345,940	5,332,798	16,906,928
1951 .....	4,305,183	15,072,061	4,228,753	18,255,880
1952 .....	3,528,564	10,201,595	5,549,098	16,330,522
1953 .....	3,856,881	10,689,304	5,658,622	12,317,543

1. Beginning with 1952 factory shipments were collected instead of production.

TABLE 6. Imports of Cotton and Jute Bags, 1953 and 1954

Articles imported	1953		1954	
	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$
Bags, cotton .....	90,199	55,022	71,940	52,668
Bags or sacks of hemp, linen or jute .....	—	90,612	—	154,074
Bags used or second-hand made from fabrics composed wholly of vegetable fibres .....	—	234,135	—	66,663

TABLE 7. Exports of Cotton and Jute Bags, 1953 and 1954

Articles exported	1953	1954
	Value	Value
	\$	\$
Bags of cotton, jute or similar material .....	230,982	446,806

TABLE 8. Employees and their Earnings, by Provinces, 1953 and 1954.

	Average number					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
	Number					\$	\$	\$
1953								
Prince Edward Island and Quebec	81	32	166	278	557	503,797	699,071	1,202,868
Ontario .....	30	14	68	158	270	164,694	423,852	588,546
Manitoba .....	26	9	74	110	219	129,089	395,365	524,454
Saskatchewan, Alberta and British Columbia .....	19	8	30	93	150	87,047	274,600	361,647
Canada .....	156	63	338	639	1,196	884,627	1,792,888	2,677,515
1954								
Prince Edward Island and Quebec	57	28	163	244	492	389,634	655,989	1,045,623
Ontario .....	26	16	83	140	265	149,379	466,113	615,492
Manitoba .....	32	12	73	113	230	150,011	428,579	578,590
Saskatchewan, Alberta and British Columbia .....	21	7	37	84	149	97,503	292,411	389,914
Canada .....	136	63	356	581	1,136	786,527	1,843,092	2,629,619

TABLE 9. Monthly Employment of Production Workers, 1952, 1953 and 1954

	1952			1953			1954		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	Number								
January.....	373	678	1,051	343	623	966	354	579	933
February.....	369	625	994	343	599	942	350	565	915
March.....	357	582	939	336	577	913	331	545	876
April.....	367	561	928	337	608	945	337	553	890
May.....	368	581	949	337	616	953	348	553	901
June.....	364	562	926	335	669	1,004	349	546	895
July.....	363	578	941	341	649	990	365	570	935
August.....	366	623	989	338	633	971	366	594	960
September.....	356	665	1,021	333	675	1,008	368	615	983
October.....	365	704	1,069	342	720	1,062	369	634	1,003
November.....	377	714	1,091	338	678	1,016	370	628	998
December.....	379	620	999	328	617	945	365	590	955
Monthly average.....	370	625	995	338	639	977	356	581	937

TABLE 10. Estimated Capital, Repair and Maintenance Expenditures, 1946-1954  
(Thousands of dollars)

	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Con-struction	Machinery and equipment	Sub-total	Con-struction	Machinery and equipment	Sub-total	Con-struction	Machinery and equipment	Total
1946.....	60	196	256	144	—	144	204	196	400
1947.....	314	428	742	108	107	215	422	535	957
1948.....	82	253	335	84	116	200	166	369	535
1949.....	192	486	678	279	235	514	471	721	1,192
1950.....	609	142	751	68	170	238	677	312	989
1951.....	209	235	444	54	115	169	263	350	613
1952.....	91	152	243	52	70	122	143	222	365
1953.....	151	304	455	74	81	155	225	385	610
1954 <sup>1</sup> .....	—	—	101	—	—	109	—	—	200

1. Figures for 1954 are preliminary.

TABLE 11. Principal Statistics of the Cotton and Jute Bag Industry, Grouped According to the Size of Establishments, 1954

Establishments with factory shipments of	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of materials used	Value of factory shipments
	No.	No.	\$	\$	\$
Under \$25,000.....	—	—	—	—	—
\$25,000 to under \$50,000.....	1	67	130,078	219,619	407,153
\$50,000 to under \$100,000.....	5				
\$100,000 to under \$500,000.....	8	144	258,791	1,424,448	1,872,619
\$500,000 to under \$1,000,000.....	12	358	846,889	7,129,653	8,659,050
\$1,000,000 and over.....	11	567	1,393,861	13,340,614	15,578,278
Total.....	37	1,136	2,629,619	22,114,334	26,517,100



## List of Cotton and Jute Bag Manufacturers, 1954

Name	Address
<b>Prince Edward Island:</b>	
Prince Edward Island Bag Company, Limited .....	Summerside
<b>Quebec:</b>	
Atlas Bag & Bagging Company .....	37 Nazareth Street, Montreal
Beaudoin, Jos. T. Ltée. ....	Thetford Mines
Canadian Bag Company Limited, The .....	604 DeCourcelles St., Montreal
City Bag Company, The .....	776 Chatham St., Montreal
Commercial Bags Reg'd .....	21, rue Montcalm, Lévis
Economic Bag Company Limited .....	1744 William St., Montreal
Industrial Bags Limited .....	6945 Upper Lachine Rd. Montreal
Industrial Bag Co. & Sterelized Towel Co. ....	Lois & Desjardins St., Hull
Inter Provincial Co-operatives Ltd. ....	4394 St. Ambroise St., Montreal
National Bag Company .....	155 Van Horne Ave. W., Montreal
Sendel & Sendel Limited .....	711 Common St., Montreal
Supreme Bag Company .....	1155 Britannia St., Montreal
Thomas Bonar & Co. (Canada), Limited .....	606 De Courcelles Street, Montreal
Woods Manufacturing Company Limited .....	975 St. Charles St., St. Lambert
Workman Bag Company, The .....	1301 Montmorency Street, Montreal
<b>Ontario:</b>	
Burlap Bag Products Limited, The .....	251 College Street, Toronto
Canadian Bag Co. Ltd., The (H.O. 604 De Courcelle St., Montreal, P.Q.) .....	100 Paton Road, Toronto 9
Dominion Bag Company .....	278-280 York Street, Hamilton
Lloyd Bag Company Limited .....	118 St. Clair Street, Chatham
Lowry Textile Co. ....	1640 Cataraqui St., Windsor
Morris Burlap Manufacturing Co. ....	130 Liberty Street, Toronto
Ontario Bag Company .....	Port Colborne
Quaker Oats Company, The, of Canada Limited .....	34 Hunter Street, Peterborough
Windsor Buff & Specialties Manufacturing Co. ....	635 Tecumseh Road, W., Windsor
Woods Manufacturing Company Limited .....	401 Logan Avenue, Toronto 8
York Bag & Burlap Co. ....	3581 Dundas St. W., Toronto
<b>Manitoba:</b>	
Bonar & Bemis Ltd. ....	311 Alexander Avenue, Winnipeg
Dominion Bag Company .....	143 Portage Ave. E., Winnipeg
Sunset Manufacturing Company Limited .....	655 Logan Avenue, Winnipeg
Winnipeg Bag Co. ....	975 Main St., Winnipeg
Woods Manufacturing Company Limited (H.O. 975 Charles St., St. Lambert, P.Q.) .....	140 Alexander Avenue E., Winnipeg
<b>Saskatchewan:</b>	
Prairie Bag Company Limited .....	429 River Street West, Moose Jaw
<b>Alberta:</b>	
Bonar & Bemis Ltd. ....	2235 - 15th St. E., Calgary
Woods Mfg. Co. Ltd., (H.O.P.O. Box 1118, Place D'Armes, Montreal, P.Q.) .....	East Calgary
<b>British Columbia:</b>	
Bonar & Bemis Ltd., (H.O. 311 Alexander Avenue, Winnipeg, Man.) .....	900 Parker Street, Vancouver
Industrial Bags Ltd. (H.O. 6945 Upper Lachine Road Montreal) .....	703 Terminal Ave., Vancouver





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