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Mr. Secretary



THE COTTON AND JUTE BAG INDUSTRY

1956



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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, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - 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 1956

An improvement in the level of operations in this industry in 1956 over 1955 is indicated in the statistics of this report. In the year under review a total of \$29,108,048 worth of goods was shipped from the factories of Canadian manufacturers of cotton and jute bags. This compares with \$25,912,629 in 1955 and represents an increase of 12.3 per cent. The number of employees increased to 1,162 in 1956 from 1,114 in 1955, a gain of 4.3 per cent, accompanied by an 10.9 per cent rise in salary and wage payments to \$2,877,484 from \$2,593,532. The cost of materials used in manufacture rose from \$21,624,421 in 1955 to \$23,705,742 in 1956, an increase of 9.6 per cent.

Shipments of both cotton and jute bags were ahead of the previous year, the first moderately and the second considerably so. Jute bag shipments totalled 6,815,991 dozen valued at \$14,207,677 compared with 6,086,171 dozen valued at \$13,044,915 in 1955. For cotton bags the figures were 3,818,526 dozen worth \$10,050,568 in 1956 and 3,661,513 dozen worth \$9,240,705 the year before. The value of bags repaired increased from \$1,867,135 in 1955 to \$2,022,028 in 1956.

The consumption of jute fabric increased substantially to 119,231,360 yards costing \$11,601,174 from 87,097,808 yards costing \$9,691,849 in 1955. The use of cotton fabric amounting to 38,733,184 yards at a cost of \$8,521,801 was only slightly above the 38,509,927 yards costing \$8,122,609 which was consumed in the earlier year.

Full details of products shipped and materials consumed are to be found in Tables 3 and 4 of this report.

The cotton and jute bag industry in 1956 was comprised of 36 establishments, the same number as a year earlier. Sixteen of these were to be found in Quebec, 11 in Ontario, 3 in Manitoba, 2 in Alberta, 2 in British Columbia, 1 in Prince Edward Island and 1 in Saskatchewan. Quebec and Ontario dominated the industry, accounting for well over 50 per cent of both employment and factory shipments.

Eleven establishments, each having factory shipments with a value in excess of \$1,000,000 accounted for 52 per cent of the industry's employment and 60 per cent of its shipments. Employment in the industry was fairly steady throughout the year, ranging for wage-earners from a low of 862 in July to a high of 1,011 in November. Preliminary figures for capital, repair and maintenance expenditures totalled \$228,000, this being considerably below amounts expended during previous ten years.

Beginning with 1954, information on the value of year end inventory holdings at plant and plant warehouses has been 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 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 1956

Year and Province	Establishments	Employees	Salaries and wages	Cost at factory of fuel and electricity	Cost of materials used	Value added by manufacture	Gross value of production
							\$
	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	1,776,539	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	1,806,443	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	17,829,801
1942	30	1,334	1,466,977	63,274	16,625,355	4,061,224	20,749,873
1943	30	1,418	1,672,252	67,382	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	27,754,602
1950	32	1,267	2,335,332	86,989	28,031,738	4,943,812	33,062,539
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 ²	30,196,073
1953	34	1,196	2,677,515	100,786	21,611,488	3,609,653 ²	25,321,927
1954	37	1,136	2,629,619	100,455	22,114,334	4,254,784	26,517,109
 1955							
Canada	36	1,114	2,593,532	109,864	21,624,421	4,097,704	25,912,629
Prince Edward Island and Quebec	17	504	1,089,029	49,744	9,053,973	1,884,814	10,934,847
Ontario	10	255	583,475	23,019	4,027,971	593,875	4,731,234
Manitoba	4	206	573,132	26,992	4,647,304	891,525	5,575,614
Saskatchewan, Alberta and British Columbia	5	149	347,896	10,109	3,895,173	727,490	4,670,934
 1956							
Canada	36	1,162	2,887,484	124,482	23,705,742	5,343,749	29,108,048
Prince Edward Island and Quebec	17	522	1,225,765	57,193	9,614,899	2,243,256	11,915,836
Ontario	11	295	772,550	34,360	5,123,240	1,177,177	6,302,131
Manitoba	3	207	539,739	22,800	5,245,724	1,113,084	6,337,598
Saskatchewan, Alberta and British Columbia	5	138	349,430	10,129	3,721,879	810,232	4,552,483

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. Inventories¹, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening²:				
Prince Edward Island and Quebec	1,795,871	13,910	161,699	1,971,480
Ontario	1,249,290	16,781	392,658	1,658,729
Manitoba	1,093,669	27,985	35,438	1,157,092
Saskatchewan, Alberta and British Columbia	855,170	43,763	8,000	906,933
Canada	4,994,000	102,439	597,795	5,694,234
Closing:				
Prince Edward Island and Quebec	1,989,449	9,772	165,349	2,164,570
Ontario	1,366,452	27,708	414,377	1,808,537
Manitoba	1,444,243	58,874	48,559	1,551,676
Saskatchewan, Alberta and British Columbia	784,201	34,501	7,019	825,721
Canada	5,584,345	130,855	635,304	6,350,504

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

2. The opening inventory for 1956 differs from the closing inventory published for 1955 because of the inclusion of new firms and the removal of figures for firms which did not operate during 1956.

TABLE 3. Factory Shipments, 1955 and 1956

Principal products	1955		1956	
	Quantity	Selling value at factory	Quantity	Selling value at factory
	Dozen	\$	Dozen	\$
Manufactured bags:				
Jute	6,086,171	13,044,915	6,815,991	14,207,677
Cotton	3,661,513	9,240,705	3,818,526	10,050,568
Cotton mesh	91,888	136,491	142,157	183,581
Paper	1,022,348	732,244	1,455,208	953,025
All other	—	6,221	—	231,304
Bags, repaired	—	1,867,135	—	2,022,028
Paper liners for bags	—	149,259	—	136,877
All other products	—	655,616	—	1,237,094
Custom and Contract Work	—	80,043	—	85,894
Total factory shipments	—	25,912,629	—	29,108,048

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, 1955 and 1956

Principal materials	1955		1956	
	Quantity	Cost value at factory	Quantity	Cost value at factory
Fabric:		\$		\$
Jute.....	yard 87,097,808	9,691,849	119,231,360	11,601,174
Cotton.....	" 38,509,927	8,122,609	38,733,184	8,521,801
Duck.....	" 1	1	53,120	53,789
Burlap.....	pound 10,633,000	1,044,884	356,527	23,086
Paper fabric.....	" 3,647,333	483,305	4,697,360	507,166
All other.....	—	34,650	—	7,575
Paper mesh.....	—	151,857	—	125,546
Cotton mesh.....	—	—	—	165,538
Second-hand bags.....	—	1,089,051	—	1,256,996
Sewing twine.....	pound 462,198	370,120	479,149	365,223
Thread.....	" 81,532	66,001	115,117	86,060
Printing ink.....	" 376,474	145,731	342,155	166,860
Rubber.....	" 38,224	33,195	11,644	13,322
All other materials.....	—	371,567	—	735,165
Packing and shipping materials.....	—	18,882	—	76,441
Total cost of materials used.....	—	21,624,421	—	23,705,742

1. Included in "All other fabrics."

TABLE 5. Production¹ of Cotton and Jute Bags in All Industries, 1939-1955

Year	Cotton bags		Jute bags	
	Quantity	Value	Quantity	Value
			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
1954.....	3,833,985	10,217,660	6,040,590	13,245,412
1955.....	3,780,446	9,420,547	6,086,171	13,044,915

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

TABLE 6. Imports of Cotton and Jute Bags, 1955 and 1956

Articles imported	1955		1956	
	Quantity	Value	Quantity	Value
	lb.	\$	lb.	\$
Bags, cotton	40,204	41,542	56,896	49,905
Bags or sacks of hemp, linen or jute	-	191,341	-	451,586
Bags used or second-hand made from fabrics composed wholly of vegetable fibres	-	122,827	-	77,706

TABLE 7. Exports of Cotton and Jute Bags, 1955 and 1956

Articles exported	1955		1956	
	Value		Value	
	\$	\$	\$	\$
Bags of cotton, jute or similar material.....		330,264		155,051

TABLE 8. Employees and their Earnings, by Provinces, 1955 and 1956

	Average number					Earnings		
	Supervisory and office employees		Production workers		Total	Supervisory and office employees	Production workers	Total
	Male	Female	Male	Female				
Number								
1955						\$	\$	\$
Prince Edward Island and Quebec..	55	27	158	264	504	400,833	688,196	1,089,029
Ontario	29	15	84	127	255	156,380	427,095	583,475
Manitoba	29	13	64	100	206	166,505	406,627	573,132
Saskatchewan, Alberta and British Columbia	20	6	37	86	149	88,509	259,387	347,896
Canada	133	61	343	577	1,114	812,227	1,781,305	2,593,532
1956								
Prince Edward Island and Quebec..	65	29	144	284	522	461,720	764,045	1,225,765
Ontario	32	17	79	167	295	219,356	553,194	772,550
Manitoba	28	11	63	105	207	138,280	401,459	539,739
Saskatchewan, Alberta and British Columbia	17	6	35	80	138	92,718	256,712	349,430
Canada	142	63	321	636	1,162	912,074	1,975,410	2,887,484

TABLE 9. Monthly Employment of Production Workers, 1954, 1955 and 1956

	1954			1955			1956		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Number									
January	354	579	933	331	538	869	340	644	984
February	350	565	915	326	538	864	332	638	970
March	331	545	876	332	524	856	335	623	958
April	337	553	890	321	537	858	339	639	978
May	348	553	901	319	542	861	334	614	948
June	349	546	895	319	530	849	333	620	953
July	365	570	935	353	548	901	287	575	862
August	366	594	960	359	606	965	297	590	887
September	368	615	983	365	635	1,000	312	657	969
October	369	634	1,003	377	639	1,016	313	668	981
November	370	628	998	379	638	1,017	324	687	1,011
December	365	590	955	372	605	977	324	655	979
Monthly average	356	581	937	343	577	920	321	636	957

TABLE 10. Estimated Capital, Repair and Maintenance Expenditures, 1946-1956
(Thousands of dollars)

	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Total
1946	—	—	257	144	—	144	205	196	401
1947	293	418	711	104	108	212	397	526	923
1948	—	—	270	—	—	221	162	329	491
1949	112	251	363	—	—	220	185	398	583
1950	383	113	496	—	—	154	446	204	650
1951	130	148	278	—	—	132	168	242	410
1952	121	153	274	—	—	118	162	230	392
1953	104	296	400	—	—	131	147	384	531
1954	—	—	275	—	—	131	—	—	406
1955	—	—	508	—	—	139	128	519	647
1956 ¹	—	—	117	—	—	111	—	—	228

1. Figures for 1956 are preliminary.

TABLE 11. Principal Statistics of the Cotton and Jute Bag Industry, Grouped According to the Size of Establishments, 1956

Establishments with factory shipments of	Establishments	Em- ployees	Salaries and wages	Cost of materials used	Value of factory shipments
Under \$25,000	—	—	—	—	—
\$25,000 to under \$50,000	1				
\$50,000 to under \$100,000	1	225	500,119	2,342,437	3,461,931
\$100,000 to under \$500,000	12				
\$500,000 to under \$1,000,000	11	307	811,797	6,726,961	8,140,977
\$1,000,000 and over	11	600	1,575,568	14,636,344	17,505,140
Total	36	1,162	2,887,484	23,705,742	29,108,048

TABLE 12. Consumption of Fuel and Electricity, 1953 and 1956

Kinds of fuel	Unit of measure	1953		1956	
		Quantity	Cost value at factory	Quantity	Cost value at factory
Bituminous coal.....	ton	1,234	\$ 16,204	1,119	\$ 17,764
Sub-bituminous coal	—	—	—	153	2,234
Gasoline (including gasoline used in cars and trucks)	imp. gal.	22,034	9,415	65,863	26,102
Kerosene or coal oil	"	629	137	19,574	2,419
Fuel oil.....	"	150,041	20,769	104,132	15,803
Other fuel	—	—	14,172	—	16,480
Total cost of fuel	—	—	\$ 60,697	—	\$ 80,802
Electricity purchased (including service charges)	k.w.h.	1,976,725	40,089	1,877,728	43,680
Total cost of fuel and electricity	—	—	\$ 100,786	—	\$ 124,482

List of Cotton and Jute Bag Manufacturers, 1956

Name	Address
Prince Edward Island:	
Prince Edward Island Bag Company, Limited.....	Summerside
Quebec:	
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
Climan, Isaac & Son	2390 St. Antoine St., Montreal
Commercial Bags Reg'd.	P.O. Box 55 Lévis
Economic Bag Company Limited	1744 William St., Montreal
Industrial Bags Limited	6945 Upper Lachine Rd., Montreal
Industrial Bag Company	Lois & Desjardins St., Hull
Inter Provincial Co-operatives Ltd.	4394 St. Ambroise St., Montreal
National Bag Company	155 Van Horne Ave. W., Montreal
National Cottons	736 Notre-Dame St. W., Montreal
Sendel & Sendel Limited.....	711 Common 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

List of Cotton and Jute Bag Manufacturers, 1956 — Concluded

Name	Address
Ontario:	
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 & Burlap Co. Ltd.	280 York Street, Hamilton
Lloyd Bag Company Limited	114 St. Clair Street, Chatham
Lowry Textile Co.	325 Devonshire Rd., 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
Western Bag & Burlap Co. Ltd.	87 Front St., Toronto
Woods Manufacturing Company Limited	406 Logan Avenue, Toronto 8
York Bag & Burlap Co.	3581 Duhdas St. W., Toronto
Manitoba:	
Bonar & Bemis Ltd.	311 Alexander Avenue, Winnipeg
Winnipeg Bag Co.	975 Main St., Winnipeg
Woods Manufacturing Company Limited (H.O. 975 Charles St., St. Lambert, P.Q.)	146 Alexander Avenue E., Winnipeg
Saskatchewan:	
Prairie Bag Company Limited	429 River Street West, Moose Jaw
Alberta:	
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
British Columbia:	
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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