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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



OTTAWA
1940

Price 15 cents

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

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THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1938.

In 1938 reports were received from twenty seven establishments whose principal output consisted of cotton and jute bags.

In comparison with 1937, a general decrease in all items comprising the principal statistics occurred during 1938. There were 2 less establishments in operation; the capital investment showed a decline of \$1,015,471 whilst in employment, the number of persons fell from 944 to 873 with a corresponding decline in the payroll amounting to \$38,593. Expenditure for materials was \$129,097 less and the gross value of production decreased to the extent of \$935,442.

The location of this industry by provinces is as follows: Prince Edward Island 1, Quebec 8, Ontario 12, Manitoba 4, Saskatchewan 1 and British Columbia 1.

The output of the items cotton and jute bags accounts for practically the whole production in the industry. In 1938 this value was \$7,942,496 or 96 per cent of the total value of production.

The materials used consist principally of jute and cotton fabrics and their consumption in 1938 was 112,789,345 yards valued at \$5,944,069 or 92 per cent of the total cost.

By referring to table 3 it will be observed that in the case of production, eight establishments had an output valued at \$5,131,724 or 62 per cent of the total. Eighteen establishments supplied \$5,186,925 of the capital invested, or 98 per cent, and eighteen establishments furnished employment to 812 persons, or 93 per cent of the total number given employment.

In 1938 the month of highest employment of wage-earners was October with 821 persons so employed, while April with 696 persons was the month of minimum employment. Female wage-earners represented roughly 62 per cent of the total.

Imports and exports are relatively unimportant in this industry. The value of the imports in 1938 was \$142,744 against a 1937 valuation of \$181,402. Exports in 1938 were valued at \$57,303 and in 1937 at \$76,243.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1938.

Table I.- Principal Statistics, 1927 to 1938.

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.	\$	\$	\$
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
1929	20	6,638,759	1,057	1,020,965	10,416,580	12,613,905
1930	23	5,631,776	965	975,688	7,587,868	9,879,462
1931	25	5,491,207	934	908,387	5,931,672	8,108,310
1932	23	4,992,545	885	851,258	5,105,244	6,981,188
1933	21	5,236,456	902	830,073	5,764,596	7,481,842
1934	24	5,353,146	922	879,098	6,643,990	8,622,644
1935	24	5,221,593	924	872,127	6,557,653	8,404,107
<u>1936</u>						
CANADA	24	5,227,587	923	912,612	7,238,846	9,057,276
Prince Edward Island and Quebec.	10	1,774,455	358	315,330	2,546,963	3,179,452
Ontario	8	1,263,140	282	273,752	2,155,131	2,625,098
Manitoba and British Columbia.	6	2,189,992	283	323,530	2,536,752	3,252,726
<u>1937</u>						
CANADA	29	6,307,277	944	905,927	7,554,563	9,204,467
Prince Edward Island and Quebec.	10	2,075,492	350	323,673	2,796,704	3,370,662
Ontario	12	1,491,246	325	280,980	2,156,678	2,662,895
Manitoba, Saskatchewan and British Columbia	7	2,740,539	269	301,274	2,601,181	3,170,910
<u>1938</u>						
CANADA	27	5,291,806	873	867,334	6,425,466	8,269,025
Prince Edward Island and Quebec.	9	1,925,047	326	293,950	2,288,231	2,844,233
Ontario	12	1,209,080	303	283,772	1,835,749	2,468,767
Manitoba, Saskatchewan and British Columbia	6	2,157,679	244	289,612	2,301,486	2,956,025

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, 1938.

Table 2. -- Comparison of Principal Statistics, 1937 and 1938.

Items	1937	1938	+ Increase - Decrease
Establishments reporting No.	29	27	- 2
Capital invested \$	6,307,277	5,291,806	- 1,015,471
Employees on salaries -			
Total No.	148	143	- 5
Male No.	112	108	- 4
Female No.	36	35	- 1
Total salaries \$	313,632	313,687	+ 55
Employees on wages -			
Monthly average No.	796	730	- 66
Male No.	300	278	- 22
Female No.	496	452	- 44
Total wages \$	592,295	553,647	- 38,648
Power Equipment -			
Units No.	335	313	- 22
Horse-power capacity H.P.	1,413	1,300	- 113
Cost of fuel and electricity ... \$	37,814	37,111	- 703
Cost of materials used \$	7,554,563	6,425,466	- 1,229,097
Gross value of production \$	9,204,467	8,269,025	- 935,442
Value added by manufacture \$	1,612,090	1,806,448	+ 194,358

Table 3. - Principal Statistics of the Cotton and Jute Bag Industry, Grouped According to the Size of Establishment, 1938.

Establishment having a pro- duction of -	No. of Estab- lishments	Capital Invested	Total Em- ployees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
		\$	No.	\$	\$	\$
Under \$5,000	1)					
\$5,000 to under \$25,000	6)	104,881	61	45,826	127,030	189,081
\$25,000 to under \$50,000	1)					
\$50,000 to under \$100,000	1)					
\$100,00 to under \$500,000	10	1,634,422	298	251,068	2,357,746	2,948,220
\$500,000 to under \$1,000,000	8	3,552,503	514	570,440	3,940,690	5,131,724
TOTAL	27	5,291,806	873	867,334	6,425,466	8,269,025

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1938.

Table 4. - Production, 1937 and 1938.

Principal Products	Unit of Measure	1 9 3 7		1 9 3 8	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
			\$		\$
Bags manufactured --					
Jute	Number	62,304,810	4,725,104	60,061,740	4,429,404
Cotton	"	47,060,879	4,044,074	46,111,000	3,513,092
All other	--	--	71,508	--	60,419
Bags repaired	--	--	307,246	--	246,940
All other products	--	--	56,535	--	19,170
TOTAL VALUE OF PRODUCTS	--	--	9,204,467	--	8,269,025

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".

Table 5. - Materials Used, 1937 and 1938.

Principal Materials	Unit of Measure	1 9 3 7		1 9 3 8	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Fabrics --					
Jute	Yard	83,033,014	3,666,298	78,559,541	3,360,682
Cotton	"	34,233,654	3,290,294	34,149,804	2,583,387
All other	--	--	17,056	--	11,626
Secondhand bags	Number	4,777,481	256,843	3,499,459	203,858
Sewing twine	Pound	453,245	150,609	382,459	117,065
Thread	"	--	--	83,854	24,635
Printing ink	"	369,808	87,825	342,130	79,522
Rubber	"	(1)	(1)	6,312	2,845
All other materials	--	--	59,445	--	19,864
Packing and shipping materials	--	--	26,193	--	21,982
TOTAL COST OF MATERIALS USED	--	--	7,554,563	--	6,425,466

(1) Included in "All other Materials".

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1938.

Table 6. - Capital Invested, 1927 to 1938.

Year and Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery, tools and other equipment	Inventory Value of materials on hand, stocks in process, finished products, fuel and miscella- neous supplies on hand	Operating Capital (cash, bills and accounts receivable, Prepaid expenses, etc.)	
	\$	\$	\$	\$
1927	2,768,729	2,390,248	1,587,756	6,746,733
1928	2,803,694	2,256,509	1,624,503	6,684,706
1929	2,925,922	1,976,050	1,736,787	6,638,759
1930	2,918,915	1,435,591	1,277,270	5,631,776
1931	2,687,204	1,185,739	1,618,264	5,491,207
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
<u>1936</u>				
CANADA	2,490,873	1,858,518	878,196	5,227,587
Prince Edward Island and Quebec	827,598	554,776	392,081	1,774,455
Ontario	640,451	480,218	142,471	1,263,140
Manitoba, Saskatchewan and British Columbia	1,022,824	823,524	343,644	2,189,992
<u>1937</u>				
CANADA	2,717,232	2,531,437	1,058,608	6,307,277
Prince Edward Island and Quebec	949,112	773,422	352,958	2,075,492
Ontario	733,883	639,274	118,089	1,491,246
Manitoba, Saskatchewan and British Columbia	1,034,237	1,118,741	587,561	2,740,539
<u>1938</u>				
CANADA	2,295,808	2,070,511	925,487	5,291,806
Prince Edward Island and Quebec	710,945	891,787	322,315	1,925,047
Ontario	655,319	460,015	93,746	1,209,080
Manitoba, Saskatchewan and British Columbia	929,544	718,709	509,426	2,157,679

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1938.

Table 7. - Employees by Sex and Remuneration, 1937 and 1938.

		1 9 3 7	1 9 3 8
Salaried Employees -			
Total	No.	148	143
Male	No.	112	108
Female	No.	36	35
Total salaries	\$	313,632	313,687
Wage-earners -			
Monthly average	No.	796	730
Male	No.	300	278
Female	No.	496	452
Total wages	\$	592,295	553,647
All Employees -			
Total	No.	944	873
Male	No.	412	386
Female	No.	532	487
Total salaries and wages	\$	905,927	867,334

Table 8. - Monthly Employment of Wage-earners, 1936 to 1938.

Months	1 9 3 6			1 9 3 7			1 9 3 8		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	299	492	791	300	502	802	270	448	718
February	293	459	752	299	499	798	271	441	712
March	302	464	766	300	486	786	274	431	705
April	305	476	781	297	495	792	281	415	696
May	307	468	775	299	485	784	291	438	729
June	302	445	747	298	474	772	275	432	707
July	291	443	734	283	472	755	282	428	710
August	301	483	784	297	518	815	284	459	743
September	300	546	846	305	517	822	277	501	778
October	289	524	813	306	543	849	282	539	821
November	284	503	787	308	517	825	276	478	754
December	289	487	776	289	441	730	272	437	709
MONTHLY AVERAGE..	298	484	782	300	496	796	278	452	730

Number of Hours Worked per Week	Number of Employees		Number of Hours Worked per Week	Number of Employees	
	Male	Female		Male	Female
30 hours or less	7	19	51-54 hours	28	70
31-43 hours	31	60	55 hours	-	-
44 hours	6	23	56-64 hours	20	-
45-47 hours	62	88	65 hours and over	3	-
48 hours	94	179	Average hours per week	47.4	45.7
49-50 hours	24	21	Average weekly earnings	\$20.02	\$12.84

Table 10. - Power Equipment, 1937 and 1938.

	1937		1938	
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	1	40
Gasoline, gas and oil engines (In use)	-	-	1	26
Electric motors operated by purchased power (In use)	301	1,243	278	971
(Idle)	33	130	33	263
TOTAL POWER USED IN MANUFACTURING	335	1,413	313	1,300
Boiler installation (In use)	8	524	7	404
(Idle)	1	20	1	100

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1938.

Table 11. - Consumption of Fuel and Electricity, 1937 and 1938.

Kinds of Fuel	Unit of Measure	1 9 3 7		1 9 3 8	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
			\$		\$
Coal -	Ton				
Bituminous	(2,000 lb.)	2,175	14,673	2,161	14,418
Anthracite	"	294	1,568	260	1,400
Lignite	"	-	-	10	64
Coke (for fuel only)	"	-	-	37	474
Gasoline	Imp. Gallon	-	-	355	60
Fuel or diesel oil	"	16,765	910	15,770	756
Wood	Cord	40	72	43	119
Other fuel	-	-	4,328	-	3,468
TOTAL COST OF FUEL	-	-	21,551	-	20,759
Electricity purchased (including service charges) ...	Kw.H.	680,713	16,263	664,668	16,352
TOTAL COST OF FUEL AND ELECTRICITY	-	-	37,814	-	37,111

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1938.

Table 12. -- Imports of Cotton and Jute Bags, 1937 and 1938.

Articles Imported	Unit of Measure	1 9 3 7		1 9 3 8	
		Quantity	Value	Quantity	Value
			\$		\$
Bags, seamless, cotton	Pound	42,484	11,022	27,206	6,549
Bags, cotton, n.o.p.	"	36,112	18,543	190,802	29,575
Bags or sacks of hemp, linen or jute			151,837	-	106,620

Table 13. -- Exports of Cotton and Jute Bags, 1937 and 1938.

Articles Exported	1 9 3 7	1 9 3 8
	Value	Value
	\$	\$
Bags, cotton, jute, etc.	76,243	57,303

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1938.

A P P E N D I X

Cotton and Jute Bag Manufacturers, 1938.

PRINCE EDWARD ISLAND

Prince Edward Island Bag Company Limited, Summerside.

QUEBEC

Atlas Bag & Bagging Company,	1500 Marlborough Street, Montreal.
Canadian Bag Company Limited, The	2485 St. Patrick Street, Montreal.
City Bag Company Limited, The	776 Chatham St., Montreal.
Woods Manufacturing Company Limited,	2660 Mullins Street, Montreal.
Bonard, Thomas, & Co. (Canada), Limited,	606 De Courcelles Street, Montreal.
Sendel & Sendel Limited,	709-711 Common Street, Montreal.
Beaudoin, Jos. T.	Thetford Mines.
Workman Bag Company, The	441 Atwater Ave., Verdun.

ONTARIO

Standard Bag & Burlap Company,	183 Catherine Street North, Hamilton
Quaker Oats Company, The	34 Hunter Street West, Peterborough.
Ontario Bag Company,	Port Colborne. (Hamilton)(Peterborough) (Port Colborne)
Burlap Products Company, The	37-41 Centre Avenue, Toronto.
Canadian Bag Company Limited, The	100 Paton Road, Toronto 9.
Dominion Bag Company,	280 York Street, Hamilton.
Gilchrist Manufacturing Company,	2480 Dundas Street West, Toronto.
Hunt, Harry E.	130 Dundas Street West, Toronto.
Nock Brothers & Ayre Company,	4 Berti Street, Toronto 2.
Woods Manufacturing Company Limited,	401 Logan Avenue, Toronto 8.
Toronto Bag & Burlap Company,	9 Baldwin Street, Toronto.
Walkerville Bag Manufacturing Company Ltd.,	Walkerville.

MANITOBA

Canadian Bemis Bag Company Limited,	831 Henry Avenue, Winnipeg.
Dominion Bag Company,	596 Manitoba Ave., Winnipeg.
Sunset Manufacturing Company Limited,	655 Logan Avenue, Winnipeg.
Woods Manufacturing Company Limited,	146 Alexander Avenue East, Winnipeg.

SASKATCHEWAN

Prairie Bag Company Limited,	429 River Street West, Moose Jaw.
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BRITISH COLUMBIA

Canadian Bemis Bag Company Limited,	900 Parker Street, Vancouver.
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