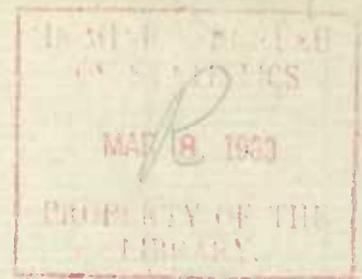


35-D-21



CANADA  
DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
FORESTRY BRANCH

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PRELIMINARY REPORT  
on the  
BOX, BASKET & CRATE INDUSTRY  
in  
CANADA  
1931

(Subject to revision on further examination of individual reports)

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Published by Authority of the Hon. H.H. Stevens, M.P.,  
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OTTAWA

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Note.— Production figures as given in this bulletin do not necessarily represent the total output in Canada of the commodities listed, as there may be also a considerable production in other industrial groups. For complete information this bulletin must be read with the rest of the series on wood-using industries and other publications of the Census of Industry.

DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY - FORESTRY BRANCH  
OTTAWA - CANADA

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Forestry Statistics:

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THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1930 AND 1931.

Ottawa, February, 1933.- A report on the Box, Basket and Crate Industry in Canada for 1930 and 1931 has just been issued by the Forestry Branch of the Dominion Bureau of Statistics. This report gives the production of firms specializing in the manufacture of wooden boxes of all classes and covers the greater part of the production of these commodities in Canada. There are, however, a number of other firms classified in other industrial groups which make these containers as a side line or by-product to their principal production.

There were 131 factories specializing in the manufacture of boxes, baskets and crates in 1931 compared to 123 in 1930. The total capital invested in 1931 was \$9,545,101, the total number of employees of all classes was 3,027 and the salaries and wages paid amounted to \$2,389,261. Materials valued at \$3,336,879 were purchased and the gross value of the products manufactured was \$7,230,476.

The province of Ontario with 55 mills out of the total of 131 was the most important with regard to this industry. The remaining establishments were distributed as follows:- Quebec 28, British Columbia 17, Nova Scotia 12, Manitoba 7, Alberta 6, and the remainder scattered among the other three provinces.

Tables 1 and 2 of this report give a summary of the principal statistics of the industry and the distribution of the mills by provinces for 1930 and 1931.

Sawn lumber, the greater part of which was softwood, formed the principal raw materials and amounted to over one hundred and eighteen million feet, board measure, in 1931, valued at \$2,380,515. The purchase of veneer made up \$189,137, and of bolts, \$398,453 out of a total of \$3,336,879 for all classes of materials for that year. The other important materials were nails, hoop, band and other iron, and miscellaneous hardware.

The products manufactured in the order of their importance with regard to value, were:- unspecified boxes and containers, \$2,957,637; box shooks \$1,932,510; fruit and vegetable baskets and crates, \$975,876; butter boxes, \$249,951; cheese boxes, \$136,152; cigar boxes, \$77,802; berry boxes \$116,228 and all other baskets, \$133,223, making a total for the principal products of \$6,579,379. In addition to these principal products, the industry also manufactured secondary products such as sash, doors, mill-work, planed and matched lumber, veneer, woodenware, handles, etc., to the value of \$651,097, making the total gross value of production \$7,230,476.

Tables 3 and 4 cover the materials used and products manufactured in this industry.

The total capital invested in the industry in 1931 was \$9,545,101 of which over half was invested in land, buildings, fixtures, machinery and tools and over a quarter in stocks and materials on hand. The remainder was working capital.

Table 5 gives the details of capital invested in the industry in 1930 and 1931.

Of the 3,027 employees in the industry in 1931, 2,748 were men, 312 being paid on salary basis and 2,436 being wage-earners. Out of a total of 279 women employees 48 were salaried and 231 were wage-earners.

Table 6 gives the details concerning employment in this industry in 1930 and 1931.

The manufacturers of boxes, baskets and crates purchased fuel to the value of \$28,577 in 1931 as compared to \$30,886 in 1930. The fuel was chiefly bituminous coal and wood, with smaller quantities of gasoline, anthracite coal, fuel oil and coke. In 1931 14,677 horse-power was used in these establishments made up of 6,878 horse-power from steam engines; 6,481 horse-power from electric motors operated on purchased power and smaller quantities from gas, gasoline and oil engines and hydraulic turbines.

Tables 7 and 8 give details concerning fuel used and power consumed in this industry.

THE BOX, BASKET AND CRATE INDUSTRY, 1930 AND 1931

Table 1.- Principal Statistics, 1930 and 1931.

		1930	1931
Establishments	No.	123	131
Capital invested	\$	10,636,465	9,545,101
Employees on salaries	No.	277	360
Salaries paid	\$	558,729	594,104
Employees on wages	No.	2,954	2,667
Wages paid	\$	2,224,104	2,389,261
Fuel used	\$	30,886	28,577
Power employed	H.P.	13,200	14,677
Cost of materials	\$	4,256,772	3,336,879
Value of products	\$	8,813,916	7,230,476

Table 2.- Distribution of Establishments by provinces, 1930 and 1931

Provinces	1930	1931
<b>CANADA</b>	123	131
Ontario	54	55
Quebec	27	28
British Columbia	13	17
Manitoba	7	7
Alberta and Saskatchewan	6	7
Nova Scotia and Prince Edward Island	13	14
New Brunswick	3	3

Table 3.- Materials Used, 1930 and 1931.

Materials		Quantity		Value	
		1930	1931	1930	1931
				\$	\$
<b>TOTAL</b>		-	-	4,256,772	3,336,879
Lumber or logs, softwood	m.ft.b.m.	130,318	106,519	2,641,091	2,011,085
Lumber or logs, hardwood	m.ft.b.m.	11,236	11,871	424,976	369,430
Bolts, etc. (softwood)	cords	62,247	50,498	481,311	388,134
Bolts, etc. (hardwood)	cords	1,538	1,200	13,928	10,319
Veneer and plywood	m.surf.ft.	25,693	8,519	278,657	189,137
All other materials	value only	-	-	416,809	368,774

Table 4.- Products Manufactured, 1930 and 1931.

Products		Quantity		Value	
		1930	1931	1930	1931
				\$	\$
Berry boxes	No.	18,764,755	14,684,950	97,247	116,228
Fruit and vegetable baskets and crates		-	-	810,904	975,876
All other baskets		-	-	87,795	133,223
Box shooks		-	-	2,977,335	1,932,510
Butter boxes	No.	1,558,411	1,067,305	335,988	249,951
Cheese boxes	No.	532,484	576,251	123,168	136,152
Cigar boxes	No.	1,271,848	667,824	133,738	77,802
All other boxes and containers		-	-	3,617,590	2,957,637
<b>Total, Principal Products</b>		-	-	8,188,765	6,579,379
Sash, doors and millwork		-	-	84,251	85,367
All other matched lumber	m.ft.b.	62	787	2,480	20,688
All other planed lumber	"	850	1,433	81,982	54,770
Veneer and plywood		-	-	319,020	377,386
Miscellaneous products		-	-	137,418	112,886
<b>Total, Secondary Products</b>		-	-	625,151	651,097
<b>GRAND TOTAL, ALL PRODUCTS</b>		-	-	8,813,916	7,230,476

Note:- Data given here do not necessarily represent the total Canadian production under each heading, since these products are also listed under other industries.

THE BOX, BASKET AND CRATE INDUSTRY, 1930 AND 1931.

Table 5.- Capital Invested, 1930 and 1931.

	1930	1931
	\$	\$
TOTAL CAPITAL INVESTED	10,636,465	9,545,101
Land, buildings, fixtures, machinery and tools	5,856,437	5,458,601
Materials on hand, stocks in process, etc.	2,547,899	1,835,856
Inventory value of finished products on hand	-	451,197
Cash, trading and operating accounts, etc.	2,232,129	1,799,447

Table 6.- Employment, 1930 and 1931.

	1930	1931
TOTAL EMPLOYEES	3,231	3,027
Male	2,946	2,748
Female	285	279
Salaries and wages	2,782,833	2,389,261
Salaried Employees -		
Male	230	312
Female	47	48
Salaries	558,729	594,104
Employees on Wages -		
Male	2,716	2,436
Female	238	231
Wages	2,224,104	1,795,157

Table 7.- Fuel Used, 1930 and 1931.

Kind of Fuel	1930		1931	
	Quantity	Value	Quantity	Value
		\$		\$
TOTAL	-	30,886	-	28,577
Bituminous coal, Canadian	tons 1,436	9,221	372	2,634
"    "    Imported	" 911	6,447	409	2,520
Anthracite coal	" 3	47	864	5,656
Coke	" 11	122	24	297
Gasoline	gals. 2,185	529	4,573	1,014
Kerosene or coal oil	" 1,500	450	-	-
Fuel oil	" 2,150	229	4,320	592
Wood	cords 1,416	7,127	1,678	6,701
Mill waste	-	-	-	8,810
Gas	m-cu.ft. 725	346	806	348
Other fuel	\$ -	6,358	-	5

Table 8.- Power Employed, 1930 and 1931.

Power Units	1930		1931	
	No.	H.P.	No.	H.P.
TOTAL POWER	542	13,200	614	14,677
Stationary engines -				
(a) steam	68	5,558	88	6,878
(b) Oil, gas and gasoline engines	21	409	24	245
Hydraulic turbines or water wheels	17	1,360	17	1,073
Electric motors operated by purchased power	436	5,873	485	6,481
Electric motors operated by generated power	71	822	70	886
Boilers installed	84	7,325	93	8,332

Boxes, baskets and crates were the principal products of the following firms in 1931.

PRINCE EDWARD ISLAND

Compton, B. & Co.  
Ross, D. E. & Sons

Belle River  
Roseberry

NOVA SCOTIA

Eisenhauer, Sidney  
Bezanson, C.M.  
Brookfield Box Co., Ltd.  
Eisenhauer, Clifford  
Hantsport Fruit Basket Co., Ltd.  
Haverstock, A. E.

Hammonds Plains  
Hammonds Plains  
Brookfield  
Hammonds Plains  
Foundry St., Hantsport  
Hammonds Plains, H.O. 158 Pepperell St.,  
Halifax

Melvin, W. Percy  
Moirs, Ltd.  
Shelburne Woodworkers Ltd.  
White, Roy B.  
Zwicker, Edward & Sons, Ltd.  
Zwicker, William G.

Hammonds Plains  
Bedford, H.O. 128 Argyle St., Halifax  
Shelburne  
Waterville Road, Waterville  
New Germany  
Hemford, H.O. New Germany

NEW BRUNSWICK

Magee, Fred. Ltd.  
Wilson Box & Lumber Co., Ltd.  
Bartlett, Edward Hollis

Port Elgin  
Fairville  
H.O. St. Andrews, R.R.1, Bartlett's Mills

QUEBEC

Atlas Plywood Corporation of Can. Ltd.  
Beaudet, J. Leo  
Belanger, Chas.  
Bradshaw, M. A. Ltd.  
Canadian Wirebound Boxes Ltd.,

Lake St., Waterloo  
R. R. 1, Ste. Scholastique  
St. Fabien  
5475 Chateaubriand Ave., Montreal  
E.O. 1000 Gerrard St. E., Toronto, 8, Ont.  
6259 Notre Dame St. E., Montreal, Que.  
La Visitation  
Notre Dame de Han  
St. Mathieu  
4164 Rivard St., Montreal  
170 Duke St., Montreal  
Beauce Junction  
St. Patrice, Parkhurst  
Warwick  
Shigawake  
266-270 Vitre St., W., Montreal  
St. Sebastien  
St. Félicien  
St. Ours  
4925 rue Rouen, Montreal  
Riviere Trois Pistoles  
Granby - H.O. 4530 St. Lawrence Blvd., Montreal  
1209 Ducharme Ave., Outremont, Montreal  
Longueuil  
Deschailions  
St. Frederic  
St. Cyprien  
1801 St. Patrick St., Montreal  
Ste. Marie

Cote, D. & Fils  
Cote & Goulet  
Dionne & Dionne  
Dominion Reed Co.  
Esplin, G. & J. Ltd.  
Ferland, Wilbrod  
Flamand, H. A. E. Freres & Cie.  
Gingras, F.L. Mme.  
Hayes, Jos.  
Kingstone Ltd.  
Paradis & Bernier  
Les Casseaux de St. Félicien Ltee.  
Laperle, Louis, Enrg.  
Maisonnette Box & Lumber Ltd.  
Malenfant, Joseph  
Meyer-Thomas Co. Ltd.  
Pariseau Freres Ltee.  
Pelosse, Pierre  
Perusse, Philippe  
Plante, Philibert  
Roy, Napoleon  
Shearer, James Co. Ltd.  
The Ste-Marie Wooden Pill Boxes

ONTARIO

Anglin, W. S.  
Anglin, Frank  
Asan, J. E. & Co.  
Ashdown, John  
Barchard, & Co. Ltd.

Battersen  
Sydenham  
Lorne St., Thessalon  
96 Ossington Ave., Toronto, 3.  
135 Duke St., Toronto, 2

BOXES, SHOOKS, BASKETS, CRATES

ONTARIO (Con.)

Beamsville Basket & Veneer Co. Ltd.	Beamsville
Beck, C. Co. Ltd.	Burke St., H.O. Penetanguishene
Bickford, W. H. A.	Middleville
Kingstone, Wm. Ltd.	33 Britain St., Toronto, 2
Beck, C. Co. Ltd.	H.O. Burke St., Penetanguishene
	10 Parliament St., Toronto 2
Bolton, E. H.	Portland
Campsall, G.E.	Harrowsmith
Canada Wood Products Co.	H.O. St. Thomas, Bank of Montreal Bldg., Rodney
Canadian Wirebound Boxes Ltd.	1000 Gerrard St. E. Toronto, 8
Clark, Leslie	R.R. 1, Godfrey
Coulthard, D.	2 Main St., Monkland Station
Dalrymple, John	482 Christina St., Fort William
Dominion Reed Supplies Ltd.	698 Spadina Ave., Toronto 4
Dunlop, W. H.	Kintore
Farrell, H. H. & Sons Ltd.	1 Elm St., Grimsby
Firstbrook Boxes Ltd.	H.O. Ray Ave., Mt. Dennis, Toronto, 9, and Thessalon
Forest Basket Co. Ltd.	Argyle St., Forest
Fremont, Paul M.	1 Hudson St., Blind River
Glover Basket Co. Ltd.	345 Brant St., Burlington, Freeman P.O.
Harnden, E.	R.R. 1, Selby
Hewson, A. & Son	80 Main St., W. Grimsby
Langstaff, Schurg & Co. Ltd.	Mill St., Emo
London Wood Box Mfg. Co.	McCormick Blvd., London
Merritt Bros.	181 Victoria St., Grimsby
Minesing Basket Co.	Minesing
Mistele, Chas. J.	St. Andrews St., Fergus
Mitchell, G. A.	80 Jones St. N. Hamilton
Molinski, Bros.	Rosspport
Oakville Basket Co. Ltd.	Dundas St., Oakville
Ontario Box Co. Ltd.	106 Main St. E. Hamilton
Parry Sound Basket & Veneer Co. Ltd.	King St., Stoney Creek
Pembroke Shook Mills, Ltd.	330 Forced Road, Pembroke
Pennock, Frank	Green River
Reichheld, A. W.	Fisherville
Scott, John	Brownsville
Scott, W. Burt.	95 Wilson St., Woodstock
Spanner Battery Box & Separator Co. Ltd.	26 Elm St., Toronto, 2
Stirling Cheese Box & Basket Co.	Stirling
Thompson, A.	Woodbridge
Walkerville Lumber Co. Ltd.	Walker Road, Walkerville
Walkey, Geo.	Elora Road, Harriston
Wardrop, Wm. H.	S. S. Water St., Little Current
White, Chas. A.	Green River
Woods, Carleton	Roblin
Woods, Thomas & Son	Talbot St., Picton
Wright, Robt. T.	Railway St., Thorndale
Zimmerman Bros. Ltd.	Woodstock St., N., Tavistock
Webster, Thos. S.	Newboro
Wright, John H.	Yarker

MANITOBA

Canadian Box Co.	Pacific & Yoeman Sts., Winnipeg
Keewatin Lumber Co., Ltd.	H.O. Menora, Ont., Tache Ave., Norwood, St. Boniface
Leigh Banana Case Co.	409 Ross Ave., Winnipeg
Moncrieff Box Co., Ltd.	1150 Alexander Ave., Winnipeg
Simpson, Geo. D.	Eveline St., Selkirk
Thorkeleson's Box Mfrs. Ltd.	1331 Spruce St., Winnipeg
Welwood, F. J. & Co. Ltd.	352 Poplar Ave., Winnipeg

BOXES, SHOOKS, BASKETS, CRATES

SASKATCHEWAN

Mitchell, John E. (Prince Albert Box  
Factory)

16th St. 6th Ave. E., Prince Albert

ALBERTA

Alberta Box Co., Ltd.  
Calgary Box Co., Ltd.  
Canadian Box Co., Ltd.  
Capital City Box Co., Ltd.  
Lethbridge Box & Furniture Co.,  
W. Galenkamp  
The Northern Box Co., Ltd.

11th St., East & 11th Ave., Calgary  
2102 - 10th Ave., W., Calgary  
126th Ave. & 56th St., Edmonton  
84th St. & 111th Ave., Edmonton  
229 - 13th St. North, Lethbridge  
8006 - 114th Ave., Edmonton

BRITISH COLUMBIA

Brown, James A.  
British Columbia Box Co., Ltd.  
British Columbia Mfg. Co., Ltd.  
Dalzell Box Co., Ltd.  
Empire Box Co., Ltd.  
Evans Products Co., Ltd.  
Garrett & Son  
International Wood Products Co.  
Kelowna Sawmill Co., Ltd.  
Langille, J.A.  
McLeod Box Co. Ltd.  
Nagle, A. W. & G.D. Kootenay Wire Works Co.  
Rodgers, Chas. O.  
Simpson, B.M., Ltd.  
Summerland Box Co. (M.M. Stewart)  
Vernon Box Co., Ltd.  
Westminster Shook Mills, Ltd.

Port Essington  
South End of Heather St., Vancouver  
2 Ewen Ave., New Westminster  
Cor. David & 2851 Bridge Sts., Victoria  
Foot of Smithe St., Vancouver  
Borden St., S.E., Marine Drive, Vancouver  
rear 85 Pender St., W., Vancouver  
Fourth Ave., & 14th St., New Westminster  
Kelowna  
Needles  
521 - 7th Ave. W., Vancouver  
806 Front St., Nelson  
Creston  
Kelowna  
West Summerland  
Vernon  
Jardine Ave., New Westminster

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