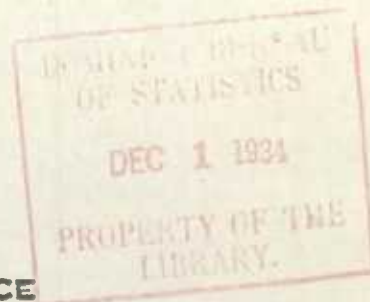


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**CANADA**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**  
**FORESTRY BRANCH**

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**PRELIMINARY REPORT**  
**ON THE**  
**BOX, BASKET & CRATE INDUSTRY**  
**IN**  
**CANADA**  
**1933**

(Subject to revision on further examination of individual reports)

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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.

DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY - FORESTRY BRANCH  
OTTAWA - CANADA

Dominion Statistician:  
Chief, Forestry Branch:

R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.).  
R. G. Lewis, B.Sc.F.

THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1932 and 1933.

Ottawa, November, 1934. - A report on the box, basket and crate industry in Canada for 1932 and 1933 has just been issued by the Forestry Branch of the Dominion Bureau of Statistics. This report gives the production of firms engaged wholly or chiefly in the manufacture of wooden boxes of all classes and it 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 138 factories engaged wholly or chiefly in the manufacture of boxes, baskets and crates in 1933 compared with 129 in 1932. The total capital invested in 1933 was \$7,367,845, the total number of employees of all classes was 2,849 and the salaries and wages paid amounted to \$1,871,729. Materials valued at \$2,393,054 were purchased and the gross value of the products manufactured was \$5,354,858.

The province of Ontario with 58 mills out of a total of 138 was the most important with regard to this industry. The remaining establishments were distributed as follows: - Quebec 26, British Columbia 19, Nova Scotia 12, Manitoba 9, Alberta 5, Prince Edward Island 2, Saskatchewan 1 and New Brunswick 6.

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 1932 and 1933.

Sawn lumber, the greater part of which was softwood, formed the principal raw material and amounted to over one hundred and sixteen million feet, board measure, in 1933 valued at \$1,677,223. Bolts cost \$232,679, veneer \$120,100, plywood \$59,869 and other materials \$303,183 with a total of \$2,393,054 for all materials used. 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 \$1,736,311, box shooks \$1,923,890, fruit and vegetable baskets and crates \$723,918, butter boxes \$204,679, cheese boxes \$111,614, cigar boxes \$95,039, berry boxes \$123,761 and all other baskets \$49,709, making a total for the principal products of \$4,991,877. In addition to these principal products, the industry also manufactured secondary products such as sash, doors, millwork, planed and matched lumber, veneer, woodenware, handles, etc., to the value of \$362,981, making the total gross value of production \$5,354,858.

Tables 3 and 4 give the details of the materials used and products manufactured in this industry.

The total capital invested in the industry in 1933 was \$7,367,845 of which 63 per cent was invested in land, buildings and equipment, 12 per cent in materials and supplies, 5 per cent in products on hand and the remaining 20 per cent in operating capital.



THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1932 AND 1933.

Table 5 gives the details of capital invested in the industry in 1932 and 1933.

Of the 2,849 employees in the industry in 1933, 2,569 were men, 290 being paid on salary basis and 2,279 being wage-earners. Out of a total of 280 women employed, 46 were salaried and 234 were wage-earners.

Table 6 gives the details concerning employment in this industry in 1932 and 1933.

The manufacturers of boxes, baskets and crates purchased fuel to the value of \$23,554 in 1933. The fuel was chiefly bituminous coal and wood with smaller quantities of anthracite coal, gasoline, fuel oil, gas and coke. In 1933, 15,521 horse-power was used in these establishments made up of 6,530 horse-power from steam engines, 6,674 horse-power from electric motors operated on purchased power, 2,023 horse-power from hydraulic turbines and 294 horse-power from internal combustion engines.

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

A list of the names and addresses of firms engaged wholly or chiefly in the manufacture of boxes, baskets and crates forms an appendix to the report.

Table 1. - Principal Statistics, 1932 and 1933.

Items		1 9 3 2	1 9 3 3
Establishments .....	No.	129	138
Capital invested .....	\$	9,099,408	7,367,845
Employees on salaries .....	No.	357	336
Salaries paid .....	\$	553,754	499,461
Employees on wages .....	No.	2,515	2,513
Wages paid .....	\$	1,465,717	1,372,268
Fuel used .....	\$	27,305	23,554
Power employed .....	H.P.	16,654	15,521
Electricity purchased .....	K.W.H.	3,772,001	3,967,372
Electricity purchased .....	\$	76,923	84,236
Cost of materials .....	\$	2,526,169	2,393,054
Value of products .....	\$	5,688,839	5,354,858

THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1932 AND 1933.

Table 2. - Distribution of Establishments by Provinces, 1932 and 1933.

Provinces	1932	1933
CANADA .....	129	138
Ontario .....	50	58
Quebec .....	30	26
British Columbia .....	19	19
Nova Scotia .....	12	12
Manitoba .....	8	9
New Brunswick .....	3	6
Alberta .....	4	5
Prince Edward Island and Saskatchewan .....	3	3

Table 3. - Materials Used, 1932 and 1933.

Materials	Unit of Measure	Quantity		Value	
		1932	1933	1932	1933
				\$	\$
TOTAL .....	-	-	-	2,526,169	2,393,054
Lumber or logs, softwood ....	M ft. b.m.	92,127	110,835	1,641,956	1,540,631
Lumber or logs, hardwood ....	M ft. b.m.	11,976	5,945	332,576	136,592
Bolts, etc. (softwood) .....	Cords	12,196	14,016	64,334	59,236
Bolts, etc. (hardwood) .....	Cords	1,415	17,377	13,278	173,443
Veneer .....	M surf. ft.	9,654	15,077	158,107	120,100
Plywood .....	M surf. ft.	-	1,965	-	59,869
All other materials .....	Value only	-	-	315,918	303,183

Table 4. - Products Manufactured, 1932 and 1933.

Products	Unit of Measure	Quantity		Value	
		1932	1933	1932	1933
				\$	\$
Berry boxes .....	Number	30,384,271	31,768,231	111,371	123,761
Fruit and vegetable baskets and crates ...	-	-	-	967,395	723,918
All other baskets .....	-	-	-	97,920	49,709
Box shooks .....	-	-	-	1,878,759	1,923,890
Butter boxes .....	Number	979,531	991,798	217,831	204,679
Cheese boxes .....	"	445,080	597,904	91,054	111,614
Cigar boxes .....	"	1,001,174	794,381	108,731	95,039
1/All other containers and parts .....	-	-	-	1,892,278	1,759,267
TOTAL PRINCIPAL PRODUCTS		-	-	5,365,339	4,991,877

THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1932 AND 1933.

Table 4. - Products Manufactured, 1932 and 1933. - (Concl'd.)

Products	Unit of Measure	Quantity		Value	
		1932	1933	1932	1933
				\$	\$
Carried Forward - TOTAL					
PRINCIPAL PRODUCTS .....	-	-	-	5,365,339	4,991,877
Planing mill and sawmill					
products .....	-	-	-	175,387	96,293
2/All other products .....	-	-	-	148,113	266,688
TOTAL SECONDARY PRODUCTS	-	-	-	323,500	362,981
TOTAL ALL PRODUCTS.	-	-	-	5,688,839	5,354,858

1/ Includes fish boxes, basket bottoms, cheese box veneer and sides, caddy heads and pill boxes.

2/ Includes battery separators, apple barrels, staves and heading, mill waste, silk reels, strawblowers, plugs, lobster trap materials, pails and tubs, shells and rough boxes, tanks, sanitary woodwork, furniture, axe handles and other turning, beekeepers' supplies, wood pulleys, wooden toys, repairs, etc.

NOTE: - Data given here do not necessarily represent the total Canadian production under each heading since these products are also reported in other industrial groups.

Table 5. - Capital Invested, 1932 and 1933.

	1932	1933
	\$	\$
TOTAL CAPITAL INVESTED .....	9,099,408	7,367,845
Land, buildings, fixtures, machinery and tools .....	5,639,711	4,636,298
Materials on hand, stocks in process, etc. ....	1,326,440	877,948
Inventory value of finished products on hand .....	322,357	344,033
Cash, trading and operating accounts, etc. ....	1,810,900	1,509,571



THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1932 AND 1933.

Table 6. - Employment, 1932 and 1933.

		1932	1933
TOTAL EMPLOYEES .....	No.	2,872	2,849
Male .....	No.	2,583	2,569
Female .....	No.	289	280
Salaries and wages .....	\$	2,019,471	1,871,729
Salaried employees .....	No.	357	336
Male .....	No.	316	290
Female .....	No.	41	46
Salaries .....	\$	553,754	499,461
Employees on wages .....	No.	2,515	2,513
Male .....	No.	2,267	2,279
Female .....	No.	248	234
Wages .....	\$	1,465,717	1,372,268

Table 7. - Fuel Used, 1932 and 1933.

Kind of Fuel	Unit of Measure	1932		1933	
		Quantity	Value	Quantity	Value
			\$		\$
TOTAL .....	-	-	27,305	-	23,554
Bituminous coal, Canadian ....	Tons	203	1,446	486	3,229
" " Imported .....	"	486	3,094	221	1,422
Anthracite coal .....	"	552	3,207	788	4,414
Coke .....	"	23	279	3	28
Gasoline .....	Gals.	3,319	794	3,717	894
Fuel oil .....	"	2,720	340	3,905	394
Wood .....	Cords	912	3,745	1,343	4,514
Mill waste .....	-	-	13,197	-	8,265
Gas .....	M cu. ft.	868	382	777	328
Other fuel .....	-	-	821	-	66

THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1932 AND 1933.

Table 8. - Power Employed, 1932 and 1933.

Power Units	1 9 3 2		1 9 3 3	
	Number of Units	Horse-power Capacity	Number of Units	Horse-power Capacity
TOTAL POWER .....	631	16,654	723	15,521
Stationary engines -				
(a) steam .....	106	9,000	87	6,530
(b) internal combustion engines .....	22	318	24	294
Hydraulic turbines or water wheels .....	13	1,213	21	2,023
Electric motors operated by purchased power .....	490	6,123	591	6,674
Electric motors operated by generated power .....	160	2,485	112	1,073
Boilers installed .....	101	9,094	96	8,139

Box, Basket and Crate Manufacturers in Canada, 1933.

PRINCE EDWARD ISLAND

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

Belle River.  
Roseberry, Ocean View P. O.

NOVA SCOTIA

Bezanson, C. M.,  
Brookfield Box Company Limited,  
Eisenhaur, Clifford,  
Eisenhaur, Sidney,  
Hantsport Fruit Basket Company Limited,  
Melvin, W. Percy,  
Moirs Limited,

Hammonds Plains.  
Brookfield.  
Hammonds Plains, Bedford R. R. No. 1.  
Hammonds Plains, Bedford R. R. No. 1.  
Foundry Street, Hantsport.  
Hammonds Plains.  
Bedford. (H.O. - 128 Argyle Street,  
Halifax).

Ogilvie, Kenneth G.,  
Shelburne Woodworkers Limited,  
White, Roy B.,  
Zwicker, Edward, & Sons Limited,  
Zwicker, William G.,

Coldbrook.  
Shelburne.  
Waterville Road, Waterville.  
New Germany.  
Hemford. (H.O. - New Germany).

NEW BRUNSWICK

Bacon, C. W., & Son,  
Bartlett, Lewis V.,

Central Greenwich.  
R. R. 1, Bartlett's Mills.  
(H.O. - St. Andrews).



THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1932 AND 1933.

NEW BRUNSWICK - (Concl'd.)

Black's Harbour Manufacturing Company Ltd.,	Black's Harbour.
Canada Veneers Limited,	Rothsay Avenue, Saint John.
	(H.O. - Box 670, Saint John).
Magee, Fred., Limited,	Port Elgin.
Wilson Box & Lumber Company Limited,	Fairville.

QUEBEC

Abel Box & Lumber Limited,	1643 Labrecque Street, Montreal.
Beaudet, J. Leo,	R. R. No. 1, Ste. Scholastique.
Belanger, Chas.	St. Fabien.
Bradshaw, M. A., Limited,	5475 Chateaubriand Avenue, Montreal.
Canada Crate Company Limited,	167 First Street, Iberville.
	(H.O. - 19 St. James Street, St. Johns).
Canada Manufacturing Company Limited,	L'Epiphanie.
Canadian Wirebound Boxes Limited,	6259 Notre Dame Street East, Montreal.
	(H.O. - 1000 Gerrard Street East,
	Toronto 8, Ontario).
Cote, D., & Fils,	La Visitation.
Cote & Goulet,	Notre Dame de Ham.
Dionne & Dionne,	St. Mathieu.
Esplin, G. & J., Limited,	170 Duke Street, Montreal.
Ferland, Wilbrod,	Beauce Junction.
Flammand, H. A. E. Frères & Cie,	St. Patrice, Parkhurst.
Gingras, F. L., Mme.,	Warwick.
Kingstone Limited,	266-270 Vitre Street West, Montreal.
Laperle, Louis, Enrg.,	St. Ours.
Les Casseaux de St. Felicien Limitée,	St. Felicien.
Meyer-Thomas Company Limited,	Granby. (H.O. - 4530 St. Lawrence Blvd.,
	Montreal).
Paradis & Bernier,	St. Sebastien.
Pariseau Frères Limitée,	1209 Ducharme Avenue, Outremont, Montreal.
Plante, Philibert,	St. Frederic.
Roy, Napoleon,	St. Cyprien.
Shearer, The, Company Limited,	1801 St. Patrick Street, Montreal.
Ste-Marie, The, Wooden Pill Boxes,	Ste. Marie.
Trottier, Gustave,	St. Edouard.
Trottier, J. Nap.,	St. Casimir.

ONTARIO

Anglin, Frank,	Sydenham.
Anglin, W. S.,	Battersea.
Asam, J. E. & Company,	Lorne Street, Thessalon.
Ashdown, John,	96 Ossington Avenue, Toronto 3.
Barchard & Company Limited,	135 Duke Street, Toronto 2.
Beach, F. W.,	Iroquois. (H.O. - Winchester).
Beamsville Basket & Veneer Company Limited,	Beamsville.
Beck, C., Company Limited,	Penetanguishene and 10 Parliament Street,
	Toronto 2.
Bolton, E. H.,	Portland.
Campsall, G. E.,	Harrowsmith.

THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1932 AND 1933.

ONTARIO - (Concl'd.)

Canada Wood Products Company,

Canadian Wirebound Boxes Limited,

Carlaw, Alex.,

Clark, Leslie,

Clarke, Geo. V., & Son,

Coulthart, D.,

Dalrymple, John,

Farrell, H. H., & Sons Limited,

Firstbrook Boxes Limited,

Forest Basket Company Limited,

Fremont, Paul M.,

Glover Basket Company Limited,

Haskin, R. C.,

Hewson, A., & Son,

Kingstone, Wm., Limited,

Langstaff, Schurg & Company Limited,

London Wood Box Manufacturing Company,

Merritt Bros.,

Minesing Basket Company,

Mistele, Chas., J.,

Mitchell, G. A.,

Molinski Bros.,

Moses, C. A.,

Oakville Basket Company Limited,

Ontario Cheese Box Company, The,

Ontario Box Company Limited,

Parry Sound Basket & Veneer Company Limited,

Pembroke Shook Mills Limited,

Pennock, Frank,

Reichheld, A. W.,

Sauter, Jas. M.,

Scott, W. Burt.,

Stirling Cheese Box & Basket Company,

Tessier, Oliva,

Tunks, R. H., & Sons,

Walkerville Lumber Company Limited,

Walkey, Geo.,

Wardrop, Wm. H.,

White, Chas. A.,

Wire Woven Wood Manufacturing Company,

Woods, Alpine,

Woods, Carleton,

Woods, Thomas, & Son,

Wright, Robt. T.,

Wright, John M.,

Webster, Thos. S.,

Zimmerman Bros. Limited,

Rodney. (H.O. - Bank of Montreal Building,  
St. Thomas).

1000 Gerrard Street East, Toronto 8.

Box 110, Hornings Mills.

R. R. No. 1, Godfrey.

Thomasburg.

2 Main Street, Monkland Station.

482 Christina Street, Fort William.

1 Elm Street, Grimsby.

Ray Avenue, Mount Dennis, Toronto 9.

(H.O. - Box 634, West Toronto).

Argyle Street, Forest.

1 Hudson Street, Blind River.

345 Brant Street, Burlington.

(H.O. - Freeman P. O.).

Philipsville.

80 Main Street West, Grimsby.

33 Britain Street, Toronto 2.

Mill Street, Emo.

McCormick Blvd., London.

181 Victoria Street, Grimsby.

Minesing.

St. Andrews Street, Fergus.

80 Jones Street, Hamilton.

Rosspport.

Osgoode Station.

Dundas Street, Oakville.

Peterborough Street, Norwood.

106 Main Street East, Hamilton.

King Street, Stoney Creek.

330 Forced Road, Pembroke. (H.O. - Canadian  
Canners Limited, 44 Hughson Street,  
Hamilton).

Green River.

Fisherville.

Klock P. O.

96 Wilson Street, Woodstock.

Stirling.

Embrum.

Bothwell P. O.

Walker Road, Walkerville.

Elora Road, Harriston.

S. S. Water Street, Little Current.

Green River, R. R. 1. (H.O. - Locust Hill).

Woodbridge.

Napanee.

Roblin.

Talbot Street, Picton.

Railway Street, Thorndale.

Yarker.

Newboro.

Woodstock Street North, Tavistock.



THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1932 AND 1933.

MANITOBA

Canadian Box Company,  
Currie Manufacturing & Lumber Limited,  
Keewatin Lumber Company Limited,  
Leigh Banana Case Company,

Moncrieff Box Company Limited,  
Simpson, Geo. D., Box Company Limited,

Stefanson's Box Factory,  
Thorkelsson's Box Manufacturers Limited,  
Welwood, F. J., & Company Limited,

Pacific & Yoeman Streets, Winnipeg.  
550 Ninth Street, Brandon.  
Tache Avenue, Norwood, St. Boniface.  
409 Ross Avenue, Winnipeg.  
(H.O. - 2230 South Union Avenue,  
Chicago, Illinois, U. S. A.)  
1150 Alexander Avenue, Winnipeg.  
Corner Main Street & Partridge Avenue,  
West Kildonan.  
Winnipegosis.  
1331 Spruce Street, Winnipeg.  
352 Poplar Avenue, Winnipeg.

SASKATCHEWAN

Prince Albert Box Factory,  
(John E. Mitchell),

16th Street & 6th Avenue East, Prince Albert.

ALBERTA

Alberta Box Company Limited,  
Calgary Box Company Limited,  
Capital City Box Company Limited,  
Edmonton Box & Shook Company,

The Northern Box Company Limited,

11th Avenue & 11th Street East, Calgary.  
2102 10th Avenue West, Calgary.  
84th Street & 11th Avenue, Edmonton.  
10517 107th Street, Edmonton.  
(H.O. - 108 Commercial Building, Edmonton).  
8006 114th Avenue, Edmonton.

BRITISH COLUMBIA

British Columbia Box Company Limited,  
British Columbia Manufacturing Co. Limited,  
Brown, James A.,  
Dalzeil Box Company Limited,  
Empire Box Company Limited,  
Evans Products Company Limited,

Garrett & Son,  
International Wood Products Company,

Kelowna Sawmill Company Limited,  
Kootenay Wire Works Manufacturing Company,  
Langille, J. A.,  
McLeod Box Company Limited,  
Renata Box Factory,  
Rodgers, Chas. O.,  
Simpson, S. M., Limited,  
Summerland Box Company, (M. M. Stewart),  
Vernon Box Company Limited,  
Powell Factory,  
Westminster Shook Mills Limited,

South End of Heather Street, Vancouver.  
2 Ewen Avenue, New Westminster.  
Port Essington.  
David Street, Victoria.  
Foot of Smith Street, Vancouver.  
Borden Street S. E., Marine Drive, Vancouver.  
(H.O. - Union Guardian Building,  
Detroit, Michigan, U. S. A.).  
Rear 85 Pender Street West, Vancouver.  
Fourth Avenue & 15th Street, New  
Westminster.

Kelowna.  
802 Front Street, Nelson.  
Needles.  
521 7th Avenue West, Vancouver.  
Renata.  
Creston.  
Kelowna.  
West Summerland.  
Vernon.  
1254 Powell Street, Vancouver.  
Lulu Island. (H.O. - New Westminster).



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