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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

FOREST PRODUCTS BRANCH

STATISTICS
CANADA

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on the

BOX, BASKET & CRATE INDUSTRY

in

CANADA

1924-25

(Subject to revision on further examination of individual reports)

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Published by authority of the Hon. James Malcolm, M. P.,
Minister of Trade and Commerce

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OTTAWA

1927

DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY - FOREST PRODUCTS BRANCH
OTTAWA - CANADA

Dominion Statistician:
Forest Products Statistics:

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THE BOX, BASKET AND CRATE INDUSTRY IN CANADA, 1924 and 1925.

Ottawa, February, 1927.- A report on the Box, Basket and Crate Industry in Canada for 1924 and 1925 has just been issued by the Forest Products Branch of the Dominion Bureau of Statistics. This report gives the production of firms specializing in the manufacture of 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 129 factories specializing in the manufacture of boxes, baskets and crates in 1925 as compared to 134 in 1924. The total capital invested in 1925 was \$8,251,696, the total number of employees of all classes was 3,444 and the salaries and wages paid amounted to \$3,056,529. Materials valued at \$4,716,897 were purchased and the gross value of the products manufactured was \$9,399,478.

The province of Ontario with 56 mills out of the total of 129 was the most important with regard to this industry. The remaining establishments were distributed as follows:- Quebec 28, British Columbia 13, Manitoba 8, and the remainder scattered among the other five 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 1924 and 1925.

Sawn lumber, the greater part of which was softwood, formed the principal raw material and amounted to almost two hundred million feet, board measure, in 1925, valued at \$3,743,452. The purchase of veneer made up \$347,429 and of bolts, \$50,256 out of a total of \$4,716,897 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, \$4,317,253; box shooks, \$2,331,947; fruit and vegetable baskets and crates, \$725,194; cheese boxes, \$569,285; butter boxes, \$295,189; cigar boxes, \$294,979, making a total for the principal products of \$8,963,016. In addition to these principal products, the industry also manufactured secondary products such as sash, doors, millwork, planed and matched lumber, woodenware, handles, etc., to the value of \$436,462, making the total gross value of production \$9,399,478.

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

The total capital invested in the industry in 1925 was \$8,251,696 of which over half was invested in land, buildings, fixtures, machinery and tools and 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 1924 and 1925.

Of the 3,444 employees in the industry in 1925, 3,177 were men, 222 being paid on a salary basis and 2,955 being wage earners. Out of a total of 267 women employees 35 were salaried and 232 were wage earners.

Table 6 gives the details concerning employment in this industry in 1924 and 1925.

The manufacturers of boxes, baskets and crates purchased fuel to the value of \$27,612 in 1925 as compared to \$30,249 in 1924. The fuel was chiefly bituminous coal and wood with smaller quantities of gasoline, anthracite coal, fuel oil and coke. In 1925, 13,345 horse-power was used in these establishments made up of 7,181 horse-power from steam engines, 4,969 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, 1924 and 1925.

Table 1.- Principal Statistics, 1924 and 1925.

		1 9 2 4	1 9 2 5
Establishments	No.	134	129
Capital invested	\$	8,422,396	8,251,696
Employees on salaries	No.	208	257
Salaries paid	\$	532,007	533,539
Employees on wages	No.	3,104	3,187
Wages paid	\$	2,504,116	2,522,990
Fuel used	\$	30,249	27,612
Power employed	H.P.	13,310	13,845
Cost of materials	\$	4,483,049	4,716,897
Value of products	\$	9,388,669	9,399,478

Table 2.- Distribution of Establishments by provinces.

Provinces	Total 1 9 2 4	Total 1 9 2 5
CANADA	134	129
Ontario	61	56
Quebec	27	28
British Columbia	16	13
Manitoba	8	8
Nova Scotia and P. E. Island	12	13
Alberta and Saskatchewan	6	6
New Brunswick	4	5

Table 3.- Materials used, 1924 and 1925.

Materials		Quantity		Value	
		1924	1925	1924	1925
				\$	\$
TOTAL		-	-	4,483,049	4,716,897
Lumber or logs, softwood	m.ft.b.m.	149,053	176,984	3,153,361	3,201,318
Lumber or logs, hardwood	m.ft.b.m.	13,277	15,574	503,586	542,134
Bolts, etc. (softwood)	cords	6,510	5,668	55,936	40,675
Bolts, etc. (hardwood)	"	1,175	1,638	7,826	9,581
Veneer and plywood	m.surf.ft.	7,189	7,315	390,595	347,429
All other materials	value only	-	-	371,745	575,760

Table 4.- Products Manufactured, 1924 and 1925.

Products		Quantity		Value	
		1924	1925	1924	1925
		\$	\$	\$	\$
Berry Boxes	No.	17,702,777	14,524,183	155,649	163,698
Fruit and vegetable baskets and crates	\$	-	-	827,816	725,194
All other baskets	\$	-	-	159,239	265,471
Box shooks	\$	-	-	2,673,777	2,331,947
Butter boxes	No.	1,707,799	1,071,698	501,736	295,189
Cheese boxes	"	543,592	5,787,521	155,235	569,285
Cigar boxes	"	2,750,435	2,061,218	419,359	294,979
All other boxes and containers	\$	-	-	4,027,156	4,317,253
Total, Principal Products	\$	-	-	8,919,967	8,963,016
Sash, doors and millwork	\$	-	-	86,346	94,192
Hardwood flooring	M.ft.b.m.	10	37	800	2,550
All other matched lumber	"	203	69	4,631	2,318
All other planed lumber	"	3,686	29,564	161,143	151,439
Woodenware	\$	-	-	59,441	60,446
Handles	No.	154,600	31,300	31,200	626
Miscellaneous products	\$	-	-	125,141	124,891
Total, Secondary Products	\$	-	-	468,702	436,462
GRAND TOTAL, ALL PRODUCTS	\$	-	-	9,388,669	9,399,478

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THE BOX, BASKET AND CRATE INDUSTRY, 1924 and 1925.

Table 5.- Capital Invested, 1924 and 1925.

	1924	1925
	\$	\$
TOTAL CAPITAL INVESTED	8,422,396	8,251,696
Land, buildings, fixtures, mach. and tools	4,881,409	4,707,932
Materials on hand, stocks in process, etc.	1,832,008	1,946,713
Cash, trading and operating accts. etc.	1,708,979	1,597,051

Table 6.- Employment, 1924 and 1925.

	1924	1925
TOTAL EMPLOYEES	3,312	3,444
Male	2,938	3,177
Female	374	267
Salaries and wages	3,036,123	3,056,529
Salaried Employees		
Male	187	222
Female	21	35
Salaries	532,007	533,539
Employees on Wages		
Male	2,751	2,955
Female	353	232
Wages	2,504,116	2,522,990

Table 7.- Fuel Used, 1924 and 1925.

Kinds of fuel		1924		1925	
		Quantity	Value	Quantity	Value
			\$		\$
TOTAL		-	30,249	-	27,612
Bituminous coal	tens	1,525	11,251	1,463	8,991
Anthracite coal	"	17	317	11	180
Lignite coal	"	-	-	-	-
Coke	"	3	68	10	87
Gasoline	gals.	5,280	1,595	2,787	1,644
Oil (fuel)	"	1,966	501	1,150	276
Wood	cords	2,071	13,085	2,261	15,249
Gas	m. cu. ft.	370	520	-	-
Other Fuel	\$	-	2,912	-	1,185

Table 8.- Power Employed, 1924 and 1925.

Power Units	1924		1925	
	No.	H.P.	No.	H.P.
TOTAL POWER	392	13,310	417	13,845
Stationary engines				
(a) Steam	101	7,178	99	7,181
(b) Oil, gas and gasoline engines	13	108	22	635
Hydraulic turbines or water wheels	18	1,180	14	1,060
Electric motors operated by purchased power	260	4,844	282	4,969
Electric motors operated by generated power	12	139	18	197
Boilers installed	93	6,671	86	6,695

