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DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY

PRELIMINARY REPORT
of the
CARRIAGE & WAGON MATERIALS INDUSTRY
in
CANADA
1920

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Published by Authority of the Hon. J. A. Robb, M. P.,
Minister of Trade and Commerce.

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OTTAWA

1922

CA 13000

1990年1月1日 1990年1月1日

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DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA, CANADA.

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 Chief, Census of Industry: J. C. Macpherson.

CARRIAGE AND WAGON MATERIALS, 1920.

Ottawa, December, 1922:- The Dominion Bureau of Statistics presents herewith a report on the Carriage and Wagon Materials industry in Canada for the calendar year 1920. The data covers the operations of eleven plants, ten of which were located in Ontario and one in Manitoba.

PRINCIPAL STATISTICS

The principal statistics collected are shown in condensed form in the following table:-

Establishments	No.	11
Capital investment	\$	1,787,316
Employees on Salaries -		
Male	No.	41
Female	No.	11
Salaries	\$	113,162
Employees on Wages (Average No.)-		
Male	No.	435
Female	No.	2
Wages	\$	499,057
Cost of fuel used		71,627
Power employed - Units	No.	45
Capacity	H.P.	1,470
Used	H.P.	1,270
Miscellaneous expenses	\$	267,399
Cost of materials	\$	1,120,789
Value of products	\$	2,563,949

PRODUCTION

The great variety of articles produced has made it necessary to collect the data under general headings and for this reason, quantities cannot be given except in a few cases. The statistics of production was given for the calendar year 1920 in the following table:-

Principal Products	Quantity	Value	
			No. \$
Hubs, spokes and bent goods	-	200,384	
Other bent goods	-	37,884	
Bows, rims, etc.....	-	907,062	
Axles and springs	-	828,990	
Interior woodwork	-	69,473	
Buggy bodies	739	7,168	
Buggy seats	1,236	7,554	
Buggy tops	86	2,248	
Shaft splices	25,000	7,500	
Wheels	-	253,556	
Implement parts	77,621	31,278	
All other products	-	210,852	
TOTAL		2,563,949	

CARRIAGE AND WAGON MATERIALS, 1920.CAPITAL INVESTMENT

The statistics as to capital investment are divided under four headings. It must be noted that this item in no way represents "Capital account" but refers to the actual values used in the operation of the plant. The data is given in the table below under the various headings:-

Land, buildings and fixtures	311,340
Machinery and tools	397,373
Materials on hand, stocks in process, etc.....	606,663
Cash, trading and operating accounts, etc.....	471,940
TOTAL CAPITAL	\$1,787,316

EMPLOYEES, SALARIES AND WAGES

Employees are classified in two distinct groups, viz.- salaried employees and wage earners. The first group is further subdivided as between the management and the clerical staff. The statistics collected for the calendar year 1920 are given in the table below:-

Classes of Employment	Employees		Salaries and Wages
	Male	Female	
Officers, superintendents, managers	30	-	89,901
Clerks, stenographers, etc.....	11	11	23,261
Wage earners, average number	435	2	499,057
TOTALS	476	13	612,219

MATERIALS USED

The total cost of all materials used in this industry during the calendar year 1920 was reported at \$1,120,789, the largest item being for hardwood lumber and amounting to \$639,066 for 10,822 M.Ft. B.M. The detailed information collected is shown for Canada in the following statement:-

Classes of Materials		Quantity	Value
Lumber and timber, softwood	m.ft.	416	20,464
Lumber and timber, hardwood	" "	10,822	689,066
Iron and steel castings ...	No.	2,145,021	197,121
Hardware and mountings ...		-	65,093
All other miscellaneous materials		-	149,045
TOTAL			\$1,120,789

CARRIAGE AND WAGON MATERIALS, 1920.FUEL CONSUMPTION

Bituminous coal costing \$33,870 and fuel oil reported at \$32,050 accounted for 92 per cent of the total cost of fuel. The data collected is shown below:-

Classes of Fuel	Unit	Quantity	Value
Bituminous coal	tons	3,176	33,870
Anthracite coal	"	105	1,475
Oil (fuel)	gal.	200,250	32,050
Wood	cds.	658	3,232
Other fuel	-	-	1,000
TOTAL			\$71,627

POWER STATISTICS

Besides the power units shown in the table below, 10 boilers rated at 1,050 B.horse-power were reported, considerable steam being used for bending purposes in addition to the requirements of the 8 steam engines reported. Power data is given below:-

Classes of Power	Units	H. P. Capacity	H. P. used
Engines, steam	8	750	605
Water wheels	5	325	300
Electric motors	32	395	365
TOTALS	45	1,470	1,270

MISCELLANEOUS EXPENSES

In the following summary of miscellaneous expenses the general items of particular interest are shown separately for the Dominion:-

Items of Expense	\$
Rent of offices, works and machinery	6,538
Rent of power	4,348
Insurance, premiums for year only ..	16,986
Taxes, municipal, provincial, federal	23,177
Advertising expenses	4,628
Travelling expenses	10,073
Repairs to buildings and machinery ..	21,314
All other sundry expenses	180,341
TOTAL	\$267,399

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