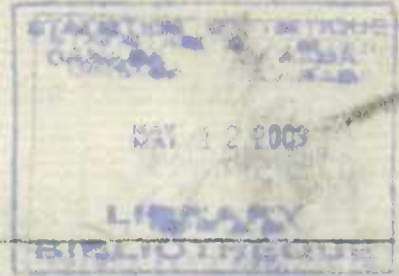


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CANADA  
DOMINION BUREAU OF STATISTICS  
CENSUS OF INDUSTRY

PRELIMINARY REPORT  
on the  
FOUNDRY PATTERN INDUSTRY  
in  
CANADA  
1920

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Published by Authority of the Hon. J. A. Robb, M. P.,

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DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

OTTAWA, CANADA

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THE FOUNDRY PATTERN INDUSTRY IN CANADA,

1920.

Ottawa, January, 1923:- The Dominion Bureau of Statistics presents herewith a report on the Foundry Pattern Industry in Canada for the calendar year 1920. Reports were received from 34 operating plants, located by provinces as follows:- Ontario, 25; Quebec, 5; British Columbia, 2 and Alberta and Manitoba 1 each.

PRINCIPAL STATISTICS

The following table gives in condensed form the principal statistics collected for Canada and the provinces:-

Items	Unit	Canada	Ontario	Quebec	Western <sup>1</sup> Provinces
Establishments .....	No.	34	25	5	4
Capital investment .....	\$	255,151	170,995	73,456	10,700
Salaried employees -					
Male .....	No.	20	16	1	3
Female .....	No.	1	1	-	-
Salaries paid .....	\$	35,260	27,243	617	7,400
Wage earners-(Average No.)					
Male .....	No.	154	110	36	8
Female .....	No.	1	1	-	-
Wages paid .....	\$	249,641	185,425	54,445	9,771
Cost of fuel .....	\$	890	729	121	40
Power employed - Units ...	No.	32	23	5	4
Capacity .....	H.P.	205	144	34	27
Used .....	H.P.	193	135	31	27
Miscellaneous expenses ...	\$	49,940	33,404	14,411	2,045
Cost of materials .....	\$	73,343	56,675	14,578	2,090
Value of products .....	\$	475,286	345,310	104,926	25,050

<sup>1</sup> Includes 2 in British Columbia, 1 in Manitoba and 1 in Alberta.

PRODUCTION

The value of products manufactured during the calendar year 1920 was reported at \$475,286. Of this total \$345,310 was reported from the Province of Ontario and \$104,926 from the Province of Quebec. The details of production are shown by provinces in the statement below:-

Items	Canada	Ontario	Quebec	Western Provinces
Patterns made .....	\$ 368,711	\$ 255,368	\$ 89,543	\$ 23,800
Metal hat blocks .....	14,011	14,011	-	-
Wood hat blocks .....	10,121	10,121	-	-
All other products .....	19,336	18,086	-	1,250
Custom work .....	63,107	47,724	15,383	-
TOTALS	475,286	345,310	104,926	25,050

THE FOUNDRY PATTERN INDUSTRY IN CANADA, 1920.CAPITAL INVESTMENT

A total of \$255,151 is reported as being the amount of capital invested in the industry. The table below shows the items for Canada and the provinces in detail:-

Items	CANADA	Ontario	Quebec	Western Provinces
	\$	\$	\$	\$
Land, buildings and fixtures	36,650	4,150	32,000	500
Machinery and tools .....	82,346	62,408	12,038	7,900
Materials on hand, stocks in process, etc.....	28,048	24,783	2,565	700
Cash, trading and operating accounts, etc.....	108,107	79,654	26,853	1,600
TOTALS	255,151	170,995	73,456	10,700

EMPLOYEES, SALARIES AND WAGES

The classification of employees in this report separates salaried employees from wage earners and also distinguishes the management from the clerical staff. The number employed in each class together with the amounts paid in salaries and wages is shown for Canada in the statement below for the calendar year 1920:-

Classes of Employment	Employees		Salaries and Wages
	Male No.	Female No.	
Officers, superintendents, managers	15	-	32,636
Clerks, stenographers, etc.....	5	1	2,624
TOTAL SALARIED EMPLOYEES	20	1	35,260
Wage earners, average number ....	154	1	249,641
TOTAL ALL EMPLOYEES	174	2	284,901

MATERIALS USED

The following table shows the cost of the various kinds of materials used during the year. The classification is limited to the items of materials in general use.

Items	Total Cost
	\$
Lumber .....	45,710
Leather .....	1,226
Hardware, nails, screws, etc.....	1,868
Paints, oils and varnishes .....	3,090
Castings .....	6,219
Metals (aluminum, brass, spelter) ...	3,329
Glue .....	474
All other materials .....	11,427
TOTAL	\$ 73,343

THE FOUNDRY PATTERN INDUSTRY IN CANADA, 1920.FUEL CONSUMPTION

The fuel consumption in this industry is very limited, the total cost being only \$890, and average of \$26.18 per establishment. The largest expenditure was for 22 tons of anthracite coal, costing \$310. The details are shown in the following table:-

Items	Unit	Quantity	Cost Value
Bituminous coal .....	ton	11	\$ 162
Anthracite coal .....	"	22	310
Coke .....	m "	17	219
Gas .....	m.c.ft.	251	156
Other fuel .....	-	-	43
TOTAL COST OF FUEL			\$890

POWER EMPLOYED

The statement below shows the power installation in the 34 plants reporting:-

Kind	Unit No.	Capacity rating H.P.	Actually used H.P.
Electric motors .....	29	187	177
Other power .....	3	18	16
TOTAL POWER		205	193
Boilers .....	1	7	5

MISCELLANEOUS EXPENSES

The following table gives the expenses chargeable to miscellaneous accounts during the year 1920. The principal items are shown separately. The data is given for Canada. In the table giving Principal Statistics the division of the expenditure by provinces is shown:-

	\$
Rent of offices, works and machinery .....	13,665
Rent of power .....	3,487
Insurance (premiums for year only) .....	7,020
Taxes, municipal, provincial, federal ...	3,797
Royalties, use of patents, etc .....	58
Advertising expenses .....	1,698
Travelling expenses .....	2,702
Repairs to buildings and machinery .....	2,269
All other sundry expenses .....	15,244

TOTAL

\$49,940

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