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DOMINION BUREAU OF STATISTICS.

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THE FLOUR MILLING INDUSTRY, 1919.

The Dominion Bureau of Statistics has completed a preliminary report on the Flour Milling Industry in Canada for the calendar year 1919, covering the operations of 1,255 individual plants. The location of the plants by provinces was as follows:-

Alberta .....	49	Ontario .....	588
British Columbia ..	4	Prince Edward Island.	21
Manitoba .....	38	Quebec .....	428
New Brunswick .....	42	Saskatchewan .....	47
Nova Scotia .....	38		
		TOTAL .....	1,255

Capital Investment.

The amount and the distribution of capital invested in the industry by provinces and by items is given in the following summary table:-

Provinces	Land, build- ings and machinery	Machinery and tools	Materials on hand, stocks, etc	Cash, trad- ing & oper- ating accts	Total Capital
CANADA	\$ 24,229,493	\$ 13,572,795	\$ 18,774,958	\$ 19,834,177	\$ 76,411,423
Alberta . .	1,516,334	1,008,070	2,686,496	3,190,766	8,401,666
British Columbia	194,648	148,218	452,979	344,219	1,140,064
Manitoba .	2,875,463	1,582,090	1,324,295	2,929,481	8,711,329
New Brunswick	147,508	174,353	93,551	50,745	466,157
Nova Scotia	149,293	92,934	50,539	63,592	356,358
Ontario . .	14,418,789	8,053,271	10,965,003	6,289,352	39,726,415
Prince Edward Island .	50,600	49,600	2,040	1,390	103,630
Quebec . .	3,947,789	1,900,501	1,433,273	5,336,190	12,617,753
Saskatchewan	929,069	563,758	1,766,782	1,628,442	4,888,051

Employees, Salaries and Wages.

The number of persons employed by classes and by sex together with the amounts paid to each class is presented in the table below:-

Classes of Employees	Number of Employees		Salaries & Wages \$
	Male	Female	
Officers, superintendents, managers	372	6	1,180,954
Clerks, stenographers and other salaried employees . .	763	290	1,250,653
Wage earners, average number . .	5,825	145	5,651,663
TOTALS	6,960	441	8,083,270

Classified according to weekly wage payments within specified groups of weekly wages, the number of persons at employment by age and sex was as shown in the accompanying table:-

Weekly Wage Groups	Over 16 yrs of age		Under 16 yrs.		Total Employees
	Male	Female	Male	Female	
Under \$5 per week . . . . .	8	-	1	-	9
\$5 to under \$10 per week	117	51	21	-	189
\$10 " " \$15 " "	697	110	2	-	809
\$15 " " \$20 " "	1,313	25	-	-	1,338
\$20 " " \$24 " "	1,236	21	-	-	1,257
\$24 " " \$28 " "	1,948	6	-	-	1,954
\$28 " " \$30 " "	266	-	-	-	266
\$30 per week and over	781	-	-	-	781
TOTALS . . . . .	6,366	213	24	-	6,603





THE FLOUR MILLING INDUSTRY, 1919.

Fuel and Miscellaneous Expenses.

Fuel consumption.- The consumption of fuel in the industry during the year, including freight and duty, is given by quantity and value for each class of fuel in the following table:

Classes of fuel	Unit of Measure	Quantity	Cost delivered at Mill
Bituminous coal . . .	tons	83,159	509,853
Anthracite coal . . .	"	1,255	11,164
Lignite coal . . .	"	16,194	74,129
Coke . . .	"	137	1,027
Gasoline . . .	gals.	36,753	13,753
Fuel oil . . .	"	83,018	20,125
Gas, natural . . .	m.c.ft.	350,836	71,452
Wood . . .	cord	11,138	51,559
All other fuels . . .	-	-	354
<b>TOTAL FUEL COST</b>			<b>\$ 753,396</b>

The value of fuel of Canadian origin was \$492,151 and that of foreign origin \$261,245.

Miscellaneous expenses.- The total charge for miscellaneous expenses for the year amounted to \$9,117,534 and included the following items:-

Rent of offices, works and machinery	\$ 470,398
Rent of power . . . . .	876,118
Insurance premiums . . . . .	769,161
Taxes, municipal, provincial and federal	604,731
Royalties, use of patents, etc.	15,189
Advertising expenses . . . . .	172,209
Travelling expenses . . . . .	474,940
Repairs to buildings and machinery	1,502,015
All other sundry expenses . . . . .	4,232,776
<b>TOTAL . . . . .</b>	<b>\$ 9,117,534</b>

Mill Equipment and Capacity.

The equipment in flour and grist mills together with the ultimate daily capacity per 24 hours is given in the following summary by provinces:-

Provinces	Pairs of rolls	Pairs of stones	Daily capacity in bbls per 24 hours
Alberta . . . . .	424	4	10,899
British Columbia . . . . .	32	5	728
Manitoba . . . . .	452	7	15,103
New Brunswick . . . . .	169	27	2,388
Nova Scotia . . . . .	121	33	1,599
Ontario . . . . .	2,319	119	71,939
Prince Edward Island . . . . .	61	132	393
Quebec . . . . .	798	735	28,731
Saskatchewan . . . . .	315	9	9,301
<b>TOTALS FOR THE DOMINION</b>	<b>5,315</b>	<b>1,071</b>	<b>141,288</b>





THE FLOUR MILLING INDUSTRY, 1919.

Materials Used.

The quantity and the cost value of all materials delivered at the mill are given by principal items in the following summary table:-

Kinds	Unit of measure	Quantity	Cost value delivered at Mill.
Wheat . . .	bushel	78,591,648	178,900,649
Oats . . .	"	15,510,242	13,771,872
Barley . . .	"	2,284,364	2,945,539
Rye . . .	"	231,257	369,611
Corn . . .	"	1,711,677	2,842,301
Buckwheat . . .	"	462,586	622,731
Peas . . .	"	161,289	240,136
All other grains	"	18,341,260	20,049,239
Cost of containers	-	-	10,085,773
<b>TOTAL COST OF MATERIALS</b>			<b>\$ 229,827,851</b>

Products.

The quantity and selling value at the mill of the various products, whether merchant or custom grinding, is shown in the following table:-

Classes of Products	Unit of measure	Quantity	Selling value at Mill.
Wheat flour . . .	bbls.	17,842,833	185,982,307
Shorts and middlings . . .	tons	357,162	15,271,724
Bran . . .	"	228,734	8,699,680
Oatmeal . . .	pounds	51,492,705	2,854,034
Rolled oats . . .	"	105,498,901	6,045,890
Barley flour and meal . . .	"	6,015,853	209,149
Barley, pot and pearl . . .	"	4,425,112	227,240
Rye flour and meal . . .	"	6,013,612	279,946
Corn flour . . .	"	8,150,806	402,192
Corn meal . . .	"	27,278,194	1,212,065
Corn cracked . . .	"	13,776,985	532,714
Buckwheat flour . . .	"	5,465,514	320,311
Pea meal . . .	"	354,709	17,450
Peas, split . . .	"	6,533,317	258,862
Feed not otherwise specified	tons	663,438	38,460,495
All other products	-	-	1,973,331
<b>TOTAL SELLING VALUE OF PRODUCTS</b>			<b>\$ 262,763,392</b>

Statistics of materials and products are shown by provinces in the subjoined table:-

Provinces	Cost of Materials	Value of Products.
Alberta . . .	18,534,986	21,297,786
British Columbia . . .	1,661,243	1,890,839
Manitoba . . .	23,934,172	26,764,437
New Brunswick . . .	1,401,722	1,674,953
Nova Scotia . . .	713,755	823,170
Ontario . . .	130,719,872	150,043,329
Prince Edward Island . . .	352,295	464,684
Quebec . . .	37,180,948	42,071,065
Saskatchewan . . .	15,318,258	17,673,125
<b>TOTALS</b>	<b>\$ 229,827,851</b>	<b>\$ 262,763,392</b>

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