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THE  
FLOUR AND GRIST MILLING  
INDUSTRY IN CANADA  
1921

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



Ottawa  
F. A. ACLAND  
Printer to the King's Most Excellent Majesty  
1923

## PUBLICATIONS OF THE DOMINION BUREAU OF STATISTICS RE GRAIN, FLOUR MILLING, ETC.

- (1) Monthly Bulletin of Agricultural Statistics, carried out in collaboration with Provincial Departments of Agriculture, recording general agricultural conditions statistically from month to month, with special references to acreages, conditions and yields of field crops, agricultural prices, wages, etc., etc. The September, November and January issues of the Bulletin contain the official annual estimates of the crop.
- (2) An annual report on the Grain Trade of Canada, showing the general movement of grain throughout Canada from the farm to final market and in relation to the grain trade of the world.
- (3) A weekly statement showing stocks of grain in store, receipts and shipments at country elevators, interior terminal elevators, public and private terminal elevators in the Western Inspection Division, and at public elevators in the East, together with a statement showing stocks of Canadian grain at United States Lake and Atlantic ports.
- (4) Monthly supplements are added to the weekly grain statistics mentioned above, showing exports of grain and principal grain products by ports of exit and by shipping routes, together with inspections by months in both the Western and Eastern inspection divisions.
- (5) A monthly statement showing grain ground and products produced by merchant and customs mills in Canada.
- (6) An annual report on the Flour Milling Industry.
- (7) The monthly and annual trade statistics of the Bureau contain full details of the imports and exports of grain, flour, etc., whilst canal statistics and general transportation statistics include a full treatment of grain traffic by rail and water. Grain and flour prices are comprehensively covered in the annual report on prices of the Internal Trade Branch.

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## PREFACE.

Since the year 1917, the Dominion Bureau of Statistics has issued annual statistics of the more important industries of Canada, both in the form of general summaries and of bulletins and leaflets on particular industries. Flour milling has been included among the latter, and a series of mimeographed reports on flour and grist mills are available for the years 1917, 1918, 1919 and 1920 respectively.

With the completion of five years detailed information, and with the outstanding facts of earlier development in hand, it has been thought that the present affords a suitable opportunity for the issue in more permanent form of a publication on this leading and characteristic Canadian industry--standing as it does among the first, if not in every year the first, of our manufactures in the value of its product. The present report is designed to meet this opportunity, by gathering together and preserving the main facts of the subject for present use and for reference in connection with future annual statements.

The report is in three parts. Part I is devoted to an historical sketch of the industry from the earliest times up to the present, including for the period since Confederation the salient figures of the several decennial Censuses. In Part II, which constitutes the body of the report, a comprehensive statistical statement and analysis is given of the industry as it exists to-day (production, raw materials, capital, employees, wages, equipment, capacity, etc., etc.); mills for the grinding of food products are segregated from chopping mills in this review, merchant and custom milling distinguished, etc. Part III contains a classified list of the mills operating in Canada, revised to March, 1923, showing the capacity of each.

The historical survey was prepared by Mr. F. J. Horning, B.A., F.S.S., of the Internal Trade Branch of the Bureau, whilst the statistics relating to the present industry have been compiled and analyzed under direction of Mr. J. C. Macpherson of the Industrial Census Branch.

For a statement of the regular publications of the Bureau on grain production, the grain trade, flour milling and allied subjects, the reader is referred to the inside cover.

R. H. COATS,  
*Dominion Statistician.*

DOMINION BUREAU OF STATISTICS,  
OTTAWA, April, 1923.

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# THE FLOUR AND GRIST MILLING INDUSTRY IN CANADA, 1921.

## PART I—HISTORICAL SURVEY.

Flour and grist milling was in 1919 the most important single manufacturing industry, judged by value of product, in Canada; in 1920 it was the second most important. That it should occupy this leading position is natural enough when it is remembered that Canada is primarily an agricultural country and that her chief raw product is her wheat. It is interesting to add that the slaughtering and meat packing industry, as based on animal husbandry, the second great division of Canadian agriculture, stood first in 1920 and second in 1919.

*The French Regime.*—Flour milling in Canada dates back to the very earliest days. The first permanent Canadian settlement was made by the French at Port Royal (now Annapolis, N.S.) in 1605. In this year and at this spot was grown the first wheat ever raised in America; and here in the same year was erected the first water wheel to turn a millstone for the grinding of wheat on the North American Continent.\*

Other mills were constructed, with the growth of settlement in New France. Under the system of seigneurial tenure, the seigneur was given the right to build a mill within his domain to which his dependents were obliged to bring their grain to be made into flour. For the use of the mill the seigneur was entitled to a toll of one-fourteenth. If such a mill were not built by the seigneur the inhabitants had the right of providing one for themselves, in which case they were released for all time from the "banality" or obligation to the seigneur. This system has been regarded as a burden on the early agriculturists. As a matter of fact, however, the toll retained was so small that in many cases it did not pay the wages of the miller, much less allow a profit for the seigneur, though the authorities continued to insist that seigneurs should build and operate mills. It was not until after the British Conquest that the more rapid settlement of the country turned the flour mill banality into a source of advantage to the seigneur. Early census figures give the number of mills in New France during the French period as follows:—

1665.....	9
1685.....	41
1695.....	39
1721.....	90
1734.....	118

*Upper Canada.*—The coming of the United Empire Loyalists and the colonization of Upper Canada naturally led to the erection of mills for the grinding of the grain produced in the new settlements. One of the earliest mills was built at Niagara Falls in 1786.† An Order-in-Council was passed by the Imperial Government about this time to encourage the building of mills in the sections populated by the Loyalists. On application the privilege of erecting mills on government water power sites was to be granted to responsible parties, together with certain other rights for a specified time, after which the mill and water-power were to revert to the government. This was found an unsatisfactory arrangement, as the mills were frequently lost to the millers just as they were becoming profitable, and a revision of the conditions became necessary in order to put the industry on a satisfactory footing.

\*It was found impossible to induce the Indians to grind the wheat in the hand mills then in use. For three centuries there has been a mill on this site.

†Another early mill was established in Napanee about 1786.

## EARLY EXPORT TRADE.

The Napoleonic wars in Europe caused a rapid increase in the prices of cereals, and an export business in wheat and flour from Canada grew up. The amounts exported during the period 1793-1808 were as follows\*:-

Year	Wheat	Flour
	bush.	bbl.
1793.....	487,000	11,000
1794.....	415,000	14,000
1795.....	395,000	18,000
1796.....	3,000	4,000
1797.....	32,000	14,000
1798.....	92,000	10,000
1799.....	129,000	15,000
1800.....	217,000	20,000
1801.....	473,000	38,000
1802.....	1,010,000	28,000
1803.....	361,000	16,000
1804.....	202,000	14,000
1805.....	22,000	19,000
1806.....	97,000	11,000
1807.....	232,000	20,000
1808.....	187,000	42,000

\*See Canadian Archives, Series Q.

## SOME EARLY PRICES.

A view of prices current for wheat and flour at Quebec during the closing years of the Napoleonic wars and after—a revolutionary epoch for prices in general—is afforded by the subjoined table. The close of the war brought a sharp decline of prices in 1816, which was followed by a post-war boom period during the years 1817 and 1818, after which there was a gradual recession.

Year	Month	Wheat per bushel	Flour per barrel
1805.....	May.....	9/6	superfine 60/- fine 55/- common 45/-
1808.....	January.....	5/6	superfine 35/- superfine 33/- fine 32/6 common 25/-
	February.....	5/6	
	March.....	7/6	superfine 35 - 37/6
	April.....	7/6	superfine 37/6 - 40/-
	May.....	7/9	superfine 42/6
	June.....	8/-	superfine 45/-
	July.....	8/-	superfine 55/-
	August.....	7/9	superfine 55/- 00/-
	September.....	7/9	superfine 55/-
		6/-	superfine 50/-
1809.....	June.....	8/6	superfine 55/-
1810.....	September.....	None for sale	10½ to 12 dollars do.
1811.....	October.....	do.	
1812.....	June.....	9/6 to 10/-	superfine \$11½ fine \$10½ common \$ 9½
1813.....		12/6 to 13/4	superfine none fine \$18 common \$13 to \$15
1821.....	August.....	4/3 to 4/6 per minot*	superfine (kiln dried) 21/6 to 22/6 fine 19/- to 20/6 middlings 18/- to 19/-
1831.....	Average.....	5/4 = \$1.29	1st quality 13/- per 100 lbs. = \$3.16

\*1 minot = 1.0735 bushels.

## THE INDUSTRY IN 1830-40.

The industry had now become firmly established. During the years 1831-2 census figures showed 393 mills operating in Lower Canada and 319 in Upper Canada. Imports of wheat and flour into Great Britain from British North America during the period 1831-1840 were shown in British records as below. The blanks during the years 1836-7-8 were probably due in part to disturbed political conditions in Canada, and in part to the system of "restrictive averages" in Britain—an endeavour to stabilize the price of bread by increasing the duty on cereals when prices fell and decreasing it when prices rose.

Year	Wheat	Flour <sup>2</sup>
	bush.	cwt.
1831.....	1,528,000	96,000
1832.....	720,000	49,000
1833.....	632,000	74,000
1834.....	360,000	40,000
1835.....	112,000	10,000
1836.....	.....	18,000
1837.....	.....	10,000
1838.....	.....	40,000
1839.....	216	27,000
1840.....	64,000	479,000

<sup>2</sup>Br. Blue Book, Vol. 39, p. 328.

## THE CRISIS OF THE 'FORTIES AND LATER.

In 1843, to stem the strong agitation which had arisen in Great Britain for the repeal of the Corn Laws, a special preference was established whereby Canadian wheat and flour were admitted to British markets at the nominal rate of 1s. per quarter (480 pounds). The result was an immediate stimulus to the Canadian milling industry, which began to draw not only upon grain grown in Canada but also upon imports of grain from the United States. Owing to the opposition of the farmers of Upper Canada, a duty was charged on United States grain so that it did not enjoy the full preference. Whilst the preference did not affect Canadian agriculture as much as had been expected, the milling and carrying trades, with Montreal as their centre, were greatly benefited.

The concession of 1843 had not been recognized by Canadian millers merely as a step towards the total abolition of the Corn Laws and the establishment of free trade in Great Britain. Heavy investments were made in milling establishments of a permanent nature, and the St. Lawrence canals were completed in order further to divert this profitable trade into Canadian channels. The repeal of the Corn Laws in 1846 and the final loss of the preference in British markets came accordingly as a severe blow to the Canadian milling and grain trade. With the British preference gone, it seemed advisable to Canadian milling and transportation interests to link up with the main trade movement of the continent and to endeavour to make the St. Lawrence the joint exit for all North American grain. Thus the milling situation became one of the main economic factors underlying the annexation movement of 1848. Canadian farmers on the other hand benefited by the abolition of the Corn Laws and the free admission of most of their produce to British markets. The annexation movement declined with the revival of Canadian trade which began in 1849,

and which was in turn the result of three causes, the beginning of railway building on an extensive scale in Canada, the Reciprocity Treaty of 1854, and the Crimean War which brought high prices for Canadian farm products.

It is of interest to note that, as the heavy advances made during the 'forties for expansion in the milling industry were a leading factor in the failure of the two principal early banks of Canada West, namely, the Bank of Upper Canada and the Commercial Bank of Canada (the Bank of Montreal and the Merchants Bank of Canada being also considerably embarrassed), so the recovery and growth of the milling industry in the 'sixties led at once to the extension of banking facilities for which the disappearance of the principal banks of the Western section had opened the door, leading Canadian millers being prominent in the organization of the new financial enterprises which were set on foot during this period. The present Canadian Bank of Commerce, the Bank of Toronto, the Imperial Bank of Canada, and the Dominion Bank owe their inception, at least in part, to this reaction.

#### THE MODERN PHASE—DISAPPEARANCE OF THE SMALL MILL.

The next important factor which influenced the milling industry was the introduction in Canada of the gradual reduction process (Hungarian process) or roller milling. Up to this time small and large mills had been on an equal footing in so far as the process of manufacture was concerned. Large scale production in milling in Canada began with competition between the two processes, stone and rolls. Many of the small mills were unable to compete with the larger mills in the production of flour and either disappeared or were transformed into chopping mills, the more complete transformation of the wheat into flour by the new process, and the consequent reduction of the amount of offal feed for live stock further stimulating the growth of chopping mills. The increase in the latter obscured to some extent the loss of the small flour mills.

Another factor tending to the disappearance of the small flour mill was the reduction in water power in the settled districts. Rain and snowfall had not changed, but the cutting of the forests and resultant loss of shade caused more rapid evaporation in summer and the more rapid melting of the winter snowfall with flood conditions in the spring. Many streams were dried up in the summer instead of having a constant flow of water throughout the year and providing the small mills with the power they required at a low cost.

By the 'eighties the roller process had secured a virtual monopoly of the flour milling industry in Canada. The farmers lost the market for their wheat at the local mill, where previously the grain had been bought and milled to be shipped away as flour. Elevators sprang up at railway points and the grain was sold and shipped as grain to be ground at the large milling centres. This was coincident with a steady decline in the price secured by the farmers for their wheat, and the older sections of Canada became more and more devoted to mixed farming. The live stock, dairying and fruit industries expanded as a result of this development.

The opening of the west provided the vast supply of wheat needed by the new milling industry. With the extension of transportation facilities more and more new land became available for agriculture. The high quality of Canadian wheat became recognized throughout the world, and Canada's huge export trade in wheat and its products developed. With the increase in the available supply of wheat and the extension of the markets, the milling industry has grown apace so that to-day it has attained a capacity far beyond the needs of domestic markets. A large quantity of wheat is ground each year in Canadian mills for shipment overseas in the manufactured form of flour rather than as a raw material.

The growth of the milling industry in Canada from Confederation to 1921 is shown in the following table:—

FLOUR AND GRIST MILLS.

1871 <sup>1</sup>	Number of Estab- lish- ments	Capital	Em- ployees	Salaries and wages	Raw materials used	Value of products
		\$	No.	\$	\$	\$
Nova Scotia.....	301	342,064	416	62,687	839,269	1,073,054
New Brunswick.....	233	328,258	311	55,967	866,668	1,049,355
Quebec.....	810	3,461,723	1,506	280,266	8,152,797	9,897,714
Ontario.....	951	5,797,853	2,759	833,959	22,615,814	27,115,796
CANADA.....	2,295	9,929,898	4,992	1,232,879	32,474,548	39,135,919
1881						
Prince Edward Island.....	99	211,496	176	29,147	283,675	358,409
Nova Scotia.....	263	422,298	498	78,013	924,341	1,200,762
New Brunswick.....	166	285,670	296	44,240	560,814	742,046
Quebec.....	790	3,697,060	1,791	509,799	7,309,208	8,861,752
Ontario.....	1,034	8,922,249	3,565	1,215,411	25,075,047	29,859,118
Manitoba.....	19	158,800	86	38,420	391,000	509,200
British Columbia.....	30	129,650	47	24,710	111,300	178,695
The Territories.....	6	30,700	13	7,850	22,029	62,390
CANADA.....	2,407	13,857,923	6,472	1,947,590	34,677,414	41,772,372
1891						
Prince Edward Island.....	112	236,032	162	53,429	411,615	567,293
Nova Scotia.....	209	409,834	301	74,182	684,619	955,442
New Brunswick.....	188	375,840	289	83,738	912,003	1,173,715
Quebec.....	871	6,052,134	1,628	545,133	6,857,992	8,697,483
Ontario.....	1,078	13,813,176	3,453	1,349,291	29,057,851	36,558,320
Manitoba.....	50	1,593,265	346	193,103	2,836,095	3,668,813
British Columbia.....	24	345,245	78	45,265	341,590	449,085
The Territories.....	18	213,515	60	22,790	238,672	353,135
CANADA.....	2,550	23,039,041	6,317	2,366,931	41,940,437	52,423,286
1901 <sup>2</sup>						
Prince Edward Island.....	2	23,100	16	3,240	15,750	21,200
Nova Scotia.....	10	131,675	90	32,410	338,897	442,081
New Brunswick.....	19	195,840	155	41,357	357,287	483,441
Quebec.....	35	2,268,459	467	222,738	2,691,086	3,195,911
Ontario.....	275	8,937,285	2,815	1,207,266	17,504,002	21,025,481
Manitoba.....	37	2,294,817	510	293,057	4,683,124	5,626,351
British Columbia.....	5	299,260	57	41,904	271,035	349,428
The Territories.....	17	536,122	141	84,019	489,525	691,980
CANADA.....	400	14,686,558	4,251	1,985,991	26,350,706	31,835,873
1911						
Prince Edward Island.....	53	203,605	103	35,995	323,045	472,650
Nova Scotia.....	35	277,150	123	38,789	573,897	817,375
New Brunswick.....	73	402,718	190	71,436	905,805	1,323,667
Quebec.....	318	6,083,493	1,162	577,705	8,775,243	11,095,311
Ontario.....	574	22,918,407	4,133	2,163,990	34,371,464	52,721,625
Manitoba.....	36	8,979,829	625	494,689	9,092,259	11,660,015
Saskatchewan.....	21	1,174,000	161	109,869	1,037,716	1,459,478
Alberta.....	25	2,617,487	249	223,362	1,829,995	2,525,698
British Columbia.....	6	249,000	45	40,440	318,096	419,007
CANADA.....	1,141	42,905,689	6,701	3,756,275	57,227,520	82,494,826
1921						
Prince Edward Island.....	26	136,540	26	11,802	205,121	257,744
Nova Scotia.....	29	313,896	40	34,936	352,825	447,116
New Brunswick.....	41	267,834	53	34,174	558,943	703,321
Quebec.....	372	11,003,553	1,085	1,149,094	32,028,136	36,328,786
Ontario.....	640	33,561,441	3,713	4,218,622	86,278,181	103,779,768
Manitoba.....	34	6,423,151	689	985,313	18,361,574	20,886,018
Saskatchewan.....	51	3,604,550	671	912,485	13,005,779	15,532,306
Alberta.....	57	5,000,823	580	778,217	12,540,362	15,093,412
British Columbia.....	7	1,425,824	147	186,541	1,251,715	1,744,378
CANADA.....	1,257	61,827,312	7,004	8,311,184	164,582,636	194,772,849

<sup>1</sup>Not including Prince Edward Island which had 145 mills.

<sup>2</sup>Includes mills employing five hands and over only.

## SUMMARY.

CANADA	Number of Estab- lish- ments	Capital	Em- ployees	Salaries and wages	Raw materials used	Value of Products
						\$
		\$	No.	\$	\$	\$
1871 <sup>1</sup> .....	2,295	9,929,898	4,992	1,232,879	32,474,548	39,135,919
1881.....	2,407	13,857,923	6,472	1,947,590	34,677,414	41,772,372
1891.....	2,550	23,039,041	6,317	2,366,931	41,940,437	52,423,286
1901 <sup>2</sup> .....	400	14,686,558	4,251	1,985,991	26,350,706	31,835,873
1911.....	1,141	42,905,689	6,791	3,756,275	57,227,520	82,494,826
1921.....	1,257	61,827,312	7,004	8,311,184	164,582,636	194,772,849

<sup>1</sup>Not including Prince Edward Island, which had 145 mills.<sup>2</sup>Includes mills employing five hands and over only.

## EXPORTS OF WHEAT FLOUR.

The growth in the export flour trade of Canada is shown in the following table:—

QUANTITY of Wheat Flour exported from Canada to various other countries in barrels, for the fiscal years, 1871, 1881, 1891, 1901, 1911, 1921, 1922.

Country of Destination	1871	1881	1891	1901	1911	1921	1922
Australasia.....	-	-	-	47,484	2,225	-	-
Bermuda.....	-	-	-	-	19,228	17,894	20,883
British Africa.....	-	-	-	500	189,098	344,440	25,323
British Guiana.....	-	-	-	2,030	50,724	120,028	141,103
British West Indies.....	1,009	79	399	33,722	365,474	468,919	525,695
Great Britain.....	185,438	376,008	181,543	770,714	1,884,655	2,746,780	4,737,020
Hong Kong.....	-	-	-	-	14,951	15,400	50,783
Malta.....	-	-	-	-	2,621	11,267	14,701
Newfoundland.....	-	57,806	99,438	234,259	248,054	308,509	351,783
Other British.....	94,949	-	-	-	713	2,061	714
Total British Empire....	281,396	433,893	281,380	1,088,709	2,777,743	4,035,298	5,868,005
Belgium.....	-	-	1,520	-	72	3,987	58,583
China.....	-	-	-	1,530	1,697	-	-
Cuba.....	-	-	-	41	4,420	37,683	92,278
Denmark.....	-	-	-	168	67,559	1,794	162,454
Dutch Guiana.....	-	-	-	-	220	2,365	3,873
Dutch West Indies.....	-	-	-	-	10	392	1,995
Egypt.....	-	-	-	-	275	78,449	22,017
France.....	-	-	-	1,676	5,183	18,174	-
Germany.....	-	-	-	315	13,133	93,650	51,343
Greece.....	-	-	-	-	-	139,267	14,218
Japan.....	-	-	1	3,035	3,595	-	-
Netherlands.....	-	-	-	1,728	24,223	73,956	61,691
Norway.....	-	-	-	-	75,529	618	41,700
Russia.....	-	-	-	-	10,334	-	14,832
St. Pierre and Miquelon.....	3,060	905	1,393	1,065	5,639	4,338	6,850
Spain.....	-	-	-	-	285	26,130	255
Sweden.....	-	-	-	-	530	15,274	22,377
Turkey.....	-	-	-	-	420	214,688	109,374
United States.....	21,382	4,758	12,439	14,682	25,967	1,187,750	570,567
Venezuela.....	-	-	-	-	-	15,772	66,378
Other Foreign.....	501	172	51	5,751	32,212	67,447	245,486
Total Foreign.....	24,943	5,835	15,404	29,991	271,303	1,981,734	1,546,277
Grand Total.....	306,339	439,728	296,784	1,118,700	3,049,046	6,017,032	7,414,282

**VALUE of Wheat Flour exported from Canada to various other Countries in Dollars for fiscal years, 1871, 1881, 1891, 1901, 1911, 1921, 1922.**

Country of Destination	1871	1881	1891	1901	1911	1921	1922
Australasia.....	-	-	-	209,947	11,184	-	-
Bermuda.....	-	-	-	-	93,887	228,838	178,200
British Africa.....	-	-	-	2,000	994,242	4,917,971	204,911
British Guiana.....	-	-	-	6,151	222,106	1,518,834	1,161,564
British West Indies.....	6,711	467	1,618	115,356	1,678,086	5,763,096	4,313,057
Great Britain.....	1,006,374	1,848,259	851,912	2,702,132	8,189,837	28,896,091	33,943,408
Hong Kong.....	-	-	-	-	52,025	109,008	243,783
Malta.....	-	-	-	-	12,567	126,244	94,022
Newfoundland.....	-	294,755	468,409	885,846	1,364,642	4,091,288	3,241,567
Other British.....	466,070	-	-	-	3,169	15,556	6,928
Total British Empire.....	1,479,155	2,143,481	1,321,939	3,921,432	12,621,745	45,666,926	43,387,440
Belgium.....	-	-	4,200	-	350	29,271	377,168
China.....	-	-	-	5,509	6,153	-	-
Cuba.....	-	-	-	178	19,834	428,858	627,186
Denmark.....	-	-	-	550	299,731	21,653	1,059,822
Dutch Guiana.....	-	-	-	-	1,003	28,172	26,643
Dutch West Indies.....	-	-	-	-	45	3,882	14,487
Egypt.....	-	-	-	-	1,465	792,223	142,390
France.....	-	-	-	4,985	21,168	158,153	-
Germany.....	-	-	-	1,425	59,884	1,058,214	319,232
Greece.....	-	-	-	-	-	1,509,376	89,433
Japan.....	-	-	-	8,410	13,521	-	-
Netherlands.....	-	-	-	5,850	109,341	878,463	376,056
Norway.....	-	-	-	-	339,579	7,695	281,668
Russia.....	-	-	-	-	47,594	-	68,740
St. Pierre and Miquelon.....	16,612	4,980	6,905	3,478	29,717	58,921	60,849
Spain.....	-	-	-	-	1,290	300,816	1,785
Sweden.....	-	-	-	-	2,290	98,819	148,891
Turkey.....	-	-	-	-	1,960	2,570,716	624,000
United States.....	110,423	23,671	55,249	43,579	114,669	12,023,090	3,824,832
Venezuela.....	-	-	-	-	-	176,913	443,666
Other Foreign.....	3,659	976	285	19,830	163,451	708,329	1,603,862
Total Foreign.....	130,694	29,627	66,639	93,794	1,233,045	20,853,564	10,090,710
Grand Total.....	1,609,849	2,173,108	1,388,578	4,015,226	13,854,790	66,520,490	53,478,150

### HISTORY OF WHEAT PRODUCTION IN CANADA.

Owing to the close association of flour milling with wheat production, the growth of the latter may be briefly indicated. The earliest record of wheat production in Canada is for 1692. The following table carries the record from that date up to the present at intervals that will allow the general development of wheat growing to be traced. An annual record by Provinces is available in the Bureau of Statistics since 1908.

### NEW FRANCE OR LOWER CANADA.

	bush.
1692.....	89,711
1695.....	129,154
1698.....	160,978
1719.....	234,566
1734.....	737,892
1827.....	2,921,240
1831.....	3,407,756
1844.....	942,829

### UPPER CANADA.

	bush.
1842.....	3,221,989
1848.....	7,558,773

Year	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
	bush.	bush.	bush.	bush.	bush.
1851-2.....	-	297,157	206,635	3,073,943	12,682,550
1860-1.....	346,125	312,081	279,775	2,654,354	24,620,425
1871.....	269,392	227,497	204,911	2,057,076	14,233,389
1881.....	546,986	529,251	521,956	2,019,004	27,406,091
1891.....	613,364	165,806	209,809	1,568,289	21,314,582
1901.....	737,940	248,331	380,687	1,967,027	28,412,625
1911.....	501,533	223,530	204,125	932,459	19,842,626
1921.....	573,000	252,000	427,000	2,754,000	15,575,400
1922.....	688,800	293,000	396,000	2,286,000	19,893,000
	Manitoba	North West Territories		British Columbia	Total
	bush.	bush.	bush.	bush.	bush.
1851-2.....	-	-	-	-	16,260,285
1860-1.....	-	-	-	-	28,210,760
1871.....	-	-	-	-	16,993,265
1881.....	1,033,673	119,655	-	173,653	32,350,269
1891.....	16,092,220	1,792,409	-	388,300	42,144,779
1901.....	18,352,929	5,103,930	-	359,314	55,562,783
1911.....	34,127,498	Saskatchewan 66,978,996	Alberta 9,060,210	206,570	132,077,547
1921.....	39,054,000	188,000,000	53,044,000	1,178,700	300,858,100
1922.....	60,051,000	250,167,000	64,976,000	1,035,000	399,786,400

*The 1921 Crop.*—The wheat crop of 1921 was estimated at 300,858,100 bushels, the second largest crop ever produced in Canada up to that time. According to reports received 69,530,356 bushels of wheat were milled in Canada during the crop or marketing year, September 1, 1921, to August 31, 1922, producing 15,037,643 barrels of flour. Exports of flour during the crop year amounted to 7,878,589 barrels. The monthly distribution was as follows:

Month	Wheat Ground	Wheat Flour Produced	Wheat Flour Exported
	bush.	bbls.	bbls.
September, 1921.....	4,588,217	972,706	360,959
October.....	6,549,237	1,390,520	659,167
November.....	7,904,603	1,695,089	855,957
December.....	8,466,890	1,807,127	747,505
January, 1922.....	5,535,538	1,182,482	631,821
February.....	6,143,415	1,311,935	665,111
March.....	5,874,860	1,253,025	986,450
April.....	4,618,999	998,891	512,377
May.....	5,387,686	1,201,685	617,301
June.....	4,593,451	1,023,729	764,625
July.....	4,406,326	981,682	486,115
August.....	5,461,134	1,218,172	591,201
Total.....	69,530,356	15,037,643	7,878,589

*The Crop of 1922.*—The wheat crop of 1922 has been estimated as the largest ever grown in Canada, slightly exceeding the previous record of 1915. The total is placed at 399,786,400 bushels. The grind during the present marketing

year has likewise been very heavy, with a correspondingly large volume of export shipments. Figures to the end of March, 1923, are as follows:

Month	Wheat Ground	Wheat Flour Produced	Wheat Flour Exported
September, 1922.....	bush. 6,881,523	bbls. 1,552,566	bbls. 697,379
October.....	9,452,479	2,156,257	855,232
November.....	9,758,599	2,228,401	1,214,462
December.....	8,520,698	1,947,775	1,462,651
January, 1923.....	7,218,825	1,643,794	1,025,357
February.....	6,432,297	1,472,950	779,418
March.....	7,363,245	1,676,668	1,220,942
Total for seven months.....	55,627,666	12,678,420	7,255,441

#### PRESENT MILLING CAPACITY.

The total number of all mills operating in Canada to-day is 1,333 with a total daily capacity of 128,225 barrels of flour. Of this over 110,000 barrels per diem are represented by 163 large merchant mills. Canada has to-day the largest flour mill in the British Empire with a daily capacity of 14,000 barrels. Our largest Canadian milling company controls a daily capacity of 24,500 barrels. We still have, of course, over 1,000 mills of medium and small capacity including the little country grist mill which has by no means disappeared. Of these there were nearly 600 operating in Canada last year and the value of their products was over \$27,000,000. A complete list of mills is shown in Part III of this report.

The distribution of mills by provinces is as follows:—

Province	Flour Mills	Grist Mills <sup>1</sup>	Total	Capacity of Flour Mills in bbls. per diem
Prince Edward Island.....	20	8	28	836
Nova Scotia.....	22	10	32	738
New Brunswick.....	21	26	47	1,042
Quebec.....	192	262	454	28,700
Ontario.....	269	361	630	65,179
Manitoba.....	32	7	39	13,176
Saskatchewan.....	34	15	49	7,344
Alberta.....	30	19	49	10,351
British Columbia.....	4	1	5	850
	624	709	1,333	128,225

<sup>1</sup>Capacity figures not available.

Easy access to the Atlantic Seaboard has been a determining factor in deciding the location of the mills. In early times Montreal became the centre of the industry and has held its predominant position up to the present time. Montreal although only a summer port is the most important Canadian port of exit for Europe. Its situation is also extremely favourable as a milling centre for winter shipment via St. John and Halifax. Other points on the eastward route have also sprung into importance. With the development of the Pacific trade the growth of western points will be accelerated. The more important milling centres in Canada with their capacities are as follows:—

	Barrels Daily		Barrels Daily
Montreal, P.Q.....	19,400	Saskatoon, Sask.....	2,000
Keewatin-Kenora, Ont.....	14,800	London, Ont.....	1,525
Port Colborne, Ont.....	14,000	Portage la Prairie, Man.....	1,500
Winnipeg-St. Boniface, Man.....	8,625	Chatham, Ont.....	1,425
Medicine Hat, Alta.....	4,800	Brantford, Ont.....	1,250
Peterborough, Ont.....	4,500	Midland, Ont.....	1,200
Toronto, Ont.....	3,175	Brandon, Man.....	950
Fort William, Ont.....	3,000	Renfrew, Ont.....	800
Moose Jaw, Sask.....	2,800	St. Thomas, Ont.....	750
Calgary, Alta.....	2,600	Guelph, Ont.....	700
Goderich, Ont.....	2,500	Vancouver, B.C.....	650

## PART II—STATISTICAL REVIEW OF THE FLOUR AND GRIST MILLING INDUSTRY IN CANADA, IN 1920 AND 1921.

### INTRODUCTION AND SUMMARY.

The flour and grist milling industry in Canada during the calendar year 1921 showed a considerable reduction in the value of production compared with immediately preceding years, consequent upon the fall in commodity prices. Wheat, which was \$2.47 per bushel at mills in 1920, fell to \$1.84 per bushel in 1921, or approximately 25 per cent, the decrease being immediately reflected in the sale value of flour, which fell from an average value per barrel of \$11.66 at the mill in 1920 to \$8.89 in 1921, or 24 per cent:—

Year	WHEAT			FLOUR		
	Quantity milled	Cost at mill	Average per bush.	Quantity	Selling value at mill	Average per bbl.
	bush.	\$	\$ cts.	bbl.	\$	\$ cts.
1919.....	78,591,648	178,900,649	2 28	17,842,833	185,982,307	10 42
1920.....	61,116,380	151,094,018	2 47	13,127,320	153,117,662	11 66
1921.....	70,005,373	129,312,439	1 84	15,321,759	136,257,285	8 89

A comparative review of the industry by provinces during the past five years is presented on this and the following pages. The table shows the number of mills in operation in each year, the amount of capital invested, the number of persons employed, the amounts paid in salaries and wages, the cost of raw and partly manufactured materials, fuel, etc., miscellaneous expenses and the gross and net values of production.

### PRINCIPAL STATISTICS of the Milling Industry in Canada and the Provinces Compared for the Calendar Years, 1917-1921.

Principal Statistics	Alberta	Saskatchewan	Manitoba	British Columbia
1917				
Mills reporting.....	No. 61	66	47	6
Capital investment.....	\$ 7,877,422	5,435,124	7,206,613	1,981,864
Employees on salaries.....	No. 178	214	198	79
Salaries.....	\$ 229,545	233,021	252,872	92,219
Employees on wages.....	No. 400	438	508	107
Wages.....	\$ 352,524	385,996	423,033	98,288
Cost of fuel.....	\$ 60,793	128,790	124,388	3,826
Miscellaneous expenses.....	\$ 1,372,260	214,720	656,428	83,018
Cost of materials.....	\$ 15,836,621	11,483,995	23,840,558	1,521,947
Gross value of products.....	\$ 20,486,122	12,950,577	28,761,331	1,960,105
Net value of products.....	\$ 4,649,501	1,466,582	4,920,773	438,158
1918				
Ontario				
Mills reporting.....	No. 526	290	45	32
Capital investment.....	\$ 39,622,857	9,587,027	405,030	337,839
Employees on salaries.....	No. 587	193	16	16
Salaries.....	\$ 759,755	354,345	12,388	16,150
Employees on wages.....	No. 2,779	1,044	78	47
Wages.....	\$ 2,246,743	730,745	54,825	31,853
Cost of fuel.....	\$ 302,558	52,153	7,880	4,585
Miscellaneous expenses.....	\$ 3,207,893	1,153,636	20,373	40,560
Cost of materials.....	\$ 97,375,526	31,488,107	1,084,262	445,866
Gross value of products.....	\$ 119,453,870	37,899,887	1,497,558	590,022
Net value of products.....	\$ 22,078,344	6,411,780	413,296	144,296
Quebec				
Mills reporting.....	No. 526	290	45	32
Capital investment.....	\$ 39,622,857	9,587,027	405,030	337,839
Employees on salaries.....	No. 587	193	16	16
Salaries.....	\$ 759,755	354,345	12,388	16,150
Employees on wages.....	No. 2,779	1,044	78	47
Wages.....	\$ 2,246,743	730,745	54,825	31,853
Cost of fuel.....	\$ 302,558	52,153	7,880	4,585
Miscellaneous expenses.....	\$ 3,207,893	1,153,636	20,373	40,560
Cost of materials.....	\$ 97,375,526	31,488,107	1,084,262	445,866
Gross value of products.....	\$ 119,453,870	37,899,887	1,497,558	590,022
Net value of products.....	\$ 22,078,344	6,411,780	413,296	144,296
New Brunswick				
Mills reporting.....	No. 526	290	45	32
Capital investment.....	\$ 39,622,857	9,587,027	405,030	337,839
Employees on salaries.....	No. 587	193	16	16
Salaries.....	\$ 759,755	354,345	12,388	16,150
Employees on wages.....	No. 2,779	1,044	78	47
Wages.....	\$ 2,246,743	730,745	54,825	31,853
Cost of fuel.....	\$ 302,558	52,153	7,880	4,585
Miscellaneous expenses.....	\$ 3,207,893	1,153,636	20,373	40,560
Cost of materials.....	\$ 97,375,526	31,488,107	1,084,262	445,866
Gross value of products.....	\$ 119,453,870	37,899,887	1,497,558	590,022
Net value of products.....	\$ 22,078,344	6,411,780	413,296	144,296
Nova Scotia				
Mills reporting.....	No. 526	290	45	32
Capital investment.....	\$ 39,622,857	9,587,027	405,030	337,839
Employees on salaries.....	No. 587	193	16	16
Salaries.....	\$ 759,755	354,345	12,388	16,150
Employees on wages.....	No. 2,779	1,044	78	47
Wages.....	\$ 2,246,743	730,745	54,825	31,853
Cost of fuel.....	\$ 302,558	52,153	7,880	4,585
Miscellaneous expenses.....	\$ 3,207,893	1,153,636	20,373	40,560
Cost of materials.....	\$ 97,375,526	31,488,107	1,084,262	445,866
Gross value of products.....	\$ 119,453,870	37,899,887	1,497,558	590,022
Net value of products.....	\$ 22,078,344	6,411,780	413,296	144,296
P.E. Island				
Mills reporting.....	No. 526	290	45	25
Capital investment.....	\$ 39,622,857	9,587,027	405,030	120,206
Employees on salaries.....	No. 587	193	16	5
Salaries.....	\$ 759,755	354,345	12,388	3,400
Employees on wages.....	No. 2,779	1,044	78	27
Wages.....	\$ 2,246,743	730,745	54,825	15,095
Cost of fuel.....	\$ 302,558	52,153	7,880	2,615
Miscellaneous expenses.....	\$ 3,207,893	1,153,636	20,373	5,893
Cost of materials.....	\$ 97,375,526	31,488,107	1,084,262	510,054
Gross value of products.....	\$ 119,453,870	37,899,887	1,497,558	592,263
Net value of products.....	\$ 22,078,344	6,411,780	413,296	82,209

PRINCIPAL STATISTICS of the Milling Industry in Canada and the Provinces compared for the  
Calendar Years, 1917-1921—Continued.

Principal Statistics	Alberta	Saskatchewan	Manitoba	British Columbia	
1918					
Mills reporting..... No.	53	57	46	5	
Capital investment..... \$	5,310,883	6,901,200	6,141,553	1,209,940	
Employees on salaries..... No.	177	205	169	43	
Salaries..... \$	240,824	279,100	278,346	51,595	
Employees on wages..... No.	408	460	556	68	
Wages..... \$	422,325	427,944	483,704	64,783	
Cost of fuel..... \$	78,682	140,621	169,137	5,306	
Miscellaneous expenses..... \$	1,163,600	793,776	1,930,237	64,776	
Cost of materials..... \$	18,795,504	15,182,802	26,713,977	1,030,047	
Gross value of products..... \$	23,078,613	17,782,830	31,855,937	1,281,957	
Net value of products..... \$	4,283,109	2,600,028	5,141,960	251,910	
Principal Statistics	Alberta	Saskatchewan	Manitoba	British Columbia	
1919					
Mills reporting..... No.	49	47	38	4	
Capital investment..... \$	8,401,666	4,888,051	8,711,329	1,140,064	
Employees on salaries..... No.	157	232	197	14	
Salaries..... \$	245,187	330,916	310,410	30,070	
Employees on wages..... No.	414	439	531	47	
Wages..... \$	478,733	429,555	506,716	50,623	
Cost of fuel..... \$	105,992	137,856	154,504	6,507	
Miscellaneous expenses..... \$	1,409,879	834,440	917,103	92,712	
Cost of materials..... \$	18,534,986	15,318,858	23,934,172	1,661,243	
Gross value of products..... \$	21,297,786	17,673,125	26,704,437	1,890,839	
Net value of products..... \$	2,762,800	2,354,267	2,830,265	229,596	
Principal Statistics	Alberta	Saskatchewan	Manitoba	British Columbia	
1920					
Mills reporting..... No.	588	428	42	38	21
Capital investment..... \$	39,726,415	12,617,753	466,157	356,358	103,630
Employees on salaries..... No.	633	178	9	10	1
Salaries..... \$	1,080,642	404,834	14,580	14,468	500
Employees on wages..... No.	3,353	1,031	78	52	25
Wages..... \$	3,248,087	836,578	54,333	31,225	15,813
Cost of fuel..... \$	289,345	43,866	8,348	5,310	1,668
Miscellaneous expenses..... \$	4,517,312	1,281,274	36,791	22,421	5,602
Cost of materials..... \$	130,724,527	37,180,948	1,401,722	713,755	365,495
Gross value of products..... \$	150,061,254	42,071,066	1,674,956	885,012	468,284
Net value of products..... \$	19,336,727	4,890,118	273,234	171,257	102,789

PRINCIPAL STATISTICS of the Milling Industry in Canada and the Provinces Compared for the Calender Years, 1917-1921—Concluded.

Principal Statistics	Alberta	Saskatchewan	Manitoba	British Columbia
1920				
Mills reporting..... No.	58	45	44	5
Capital investment..... \$	6,826,608	4,304,904	7,252,366	2,005,369
Employees on salaries..... No.	176	236	197	63
Salaries..... \$	275,464	357,258	339,199	95,130
Employees on wages..... No.	377	384	527	78
Wages..... \$	487,733	450,542	564,594	99,667
Cost of fuel..... \$	46,023	137,753	108,664	6,509
Miscellaneous expenses..... \$	1,339,663	892,397	1,040,028	134,143
Cost of materials..... \$	17,862,802	14,962,761	23,834,742	1,700,822
Gross value of products..... \$	20,863,880	17,053,491	27,235,314	2,012,354
Net value of products..... \$	3,001,078	2,090,730	3,400,572	311,532
1921	Ontario	Quebec	New Brunswick	P. E. Island
Mills reporting..... No.	617	457	50	32
Capital investment..... \$	35,083,283	12,416,837	517,515	247,751
Employees on salaries..... No.	658	186	12	6
Salaries..... \$	1,136,494	482,683	19,500	10,430
Employees on wages..... No.	3,159	889	71	38
Wages..... \$	3,317,004	832,677	60,136	27,416
Cost of fuel..... \$	297,029	52,789	10,039	6,607
Miscellaneous expenses..... \$	4,879,534	1,465,039	49,299	32,547
Cost of materials..... \$	115,911,508	29,114,147	1,361,559	555,307
Gross value of products..... \$	135,055,616	34,090,774	1,674,091	692,898
Net value of products..... \$	19,144,108	4,976,627	312,532	137,591
1921	Alberta	Saskatchewan	Manitoba	British Columbia
Mills reporting..... No.	57	51	34	7
Capital investment..... \$	5,000,823	3,694,550	6,423,151	1,425,824
Employees on salaries..... No.	183	249	174	74
Salaries..... \$	334,674	462,139	331,071	98,701
Employees on wages..... No.	397	422	515	73
Wages..... \$	443,543	450,346	654,242	87,840
Cost of fuel..... \$	41,907	157,719	139,157	6,214
Miscellaneous expenses..... \$	1,140,941	1,141,118	787,339	150,673
Cost of materials..... \$	12,540,362	13,005,779	18,361,574	1,251,715
Gross value of products..... \$	15,093,412	15,532,300	20,886,018	1,744,378
Net value of products..... \$	2,553,050	2,526,527	2,524,444	492,663
1921	Ontario	Quebec	New Brunswick	P. E. Island
Mills reporting..... No.	640	372	41	29
Capital investment..... \$	33,561,141	11,003,553	267,834	313,896
Employees on salaries..... No.	594	149	5	6
Salaries..... \$	1,171,655	411,699	1,846	12,276
Employees on wages..... No.	3,119	936	48	34
Wages..... \$	3,046,967	737,395	32,328	22,660
Cost of fuel..... \$	227,814	35,673	7,862	6,588
Miscellaneous expenses..... \$	3,920,756	1,278,942	20,168	26,298
Cost of materials..... \$	86,278,181	32,028,136	558,943	352,825
Gross value of products..... \$	103,779,768	36,328,786	703,321	447,116
Net value of products..... \$	17,501,587	4,300,650	144,378	94,291

In the table below are given the principal items of mill production, showing quantity, selling value and average value at the mill or point of production for the years 1917 to 1921. During the five year period, the average price of wheat flour and oatmeal products was highest in 1920 and lowest in 1921. Bran, shorts and middlings were highest in 1920 and lowest in 1917, while chopped feed was highest in 1919 and lowest in 1921.

QUANTITY and Value of Principal Mill Products in Canada, 1917-1921.

Products	Unit	Quantity	Selling value at mill	Average value
1917			\$	\$ c.
Wheat flour, all grades.....	bbls.	17,687,338	170,381,834	9 63
Oatmeal and rolled oats.....	"	863,954	7,122,348	8 24
Bran, shorts and middlings.....	tons	708,615	19,223,081	27 15
Feed, chopped.....	"	526,581	21,305,812	40 50
1918				
Wheat flour, all grades.....	bbls.	17,880,912	189,096,238	10 58
Oatmeal and rolled oats.....	"	1,348,730	12,657,667	9 38
Bran, shorts and middlings.....	tons	714,357	24,146,089	33 82
Feed, chopped.....	"	571,726	28,976,338	50 75
1919				
Wheat flour, all grades.....	bbls.	17,842,833	185,982,307	10 42
Oatmeal and rolled oats.....	"	861,923	8,899,924	10 32
Bran, shorts and middlings.....	tons	585,896	23,971,404	40 97
Feed, chopped.....	"	663,438	38,460,495	58 00
1920				
Wheat flour, all grades.....	bbls.	13,127,320	153,117,602	11 66
Oatmeal and rolled oats.....	"	678,327	7,754,869	11 43
Bran, shorts and middlings.....	tons	550,190	26,577,214	48 87
Feed, chopped.....	"	681,310	39,381,047	57 83
1921				
Wheat flour, all grades.....	bbls.	15,321,759	136,257,285	8 89
Oatmeal and rolled oats.....	"	815,740	6,327,214	7 75
Bran, shorts and middlings.....	tons	617,097	16,897,957	27 30
Feed, chopped.....	"	706,309	28,079,796	39 77

PLANTS IN OPERATION, 1920 AND 1921.

A summary of operating mills in the provinces and the Dominion for 1921, distinguishing between mills producing flour and other cereals and those engaged in the chopping of grain for feed purposes, is shown below, a column being added showing the total number of operating plants during 1920:

MILLS in Operation in 1921 by Provinces.

Provinces	Flour and Grist Mills 1921	Chopping Mills 1921	All Mills 1921	All Mills 1920
	No.	No.	No.	No.
CANADA				
Alberta.....	582	675	1,257	1,332
British Columbia.....	32	25	57	58
Manitoba.....	87	-	7	5
New Brunswick.....	29	5	34	44
Nova Scotia.....	34	7	41	50
Ontario.....	24	5	29	32
Prince Edward Island.....	250	390	640	617
Quebec.....	18	8	26	24
Saskatchewan.....	154	218	372	457
	34	17	51	45

The drop in the number of producing concerns further accounts for the decrease in the amount and value of production, as indicated in the following summary; practically all the loss of capacity was due to one company having ceased operations:—

EQUIPMENT and Capacity of Mills, 1920 and 1921.

Provinces	1921				1920			
	Mills No.	Rolls Pr.	Stones Pr.	Capacity per 24 hr.	Mills No.	Rolls Pr.	Stones Pr.	Capacity per 24 hr.
CANADA	1,257	5,244	560	131,541	1,332	5,444	921	134,702
Alberta.....	57	455	6	10,789	58	399	4	10,366
Saskatchewan.....	51	352	3	8,822	45	338	3	8,630
Manitoba.....	34	582	5	12,973	44	504	16	13,355
British Columbia.....	7	44	6	1,064	5	40	5	1,078
Ontario.....	640	2,758	107	65,553	617	2,808	140	67,278
Quebec.....	372	788	363	27,582	457	1,054	669	29,308
New Brunswick....	41	127	18	3,186	50	138	15	3,003
Nova Scotia.....	29	80	21	887	32	79	34	990
Prince Edward Island.....	26	58	31	685	24	84	35	604

PRODUCTION, 1921.

A detailed review showing the quantity and selling value at the mill of all products ground during the year in each province and in Canada as a whole is shown in the table on pages 19-23, which further distinguished between merchant and custom mills. A summary of these products is given below showing (a) the quantity of each milled product, (b) the selling value at the mill and (c) the average selling price per barrel, ton or pound, as the case may be. The total value of milled products in 1921 amounted to \$179,632,246, of which \$163,524,886 represented the value of merchant grindings and \$12,725,269, custom grindings.

Products	Unit	Quantity	Selling value	Average selling price
				\$
Chopped grain feed.....	ton	332,281	12,930,193	38 94
Wheat flour—				
Fall or winter.....	bbl.	785,578	6,642,938	8 46
Spring.....	"	13,284,404	119,320,295	8 98
Blended.....	"	1,251,717	10,294,052	8 22
Low grade or feed.....	"	367,392	1,724,903	4 70
Shorts and middlings.....	ton	320,898	9,339,356	29 10
Bran.....	"	230,574	6,386,732	26 99
Oatmeal.....	bag 98 lb.	212,115	770,162	3 63
Rolled oats.....	bag 90 lb.	1,419,361	5,557,652	3 91
Barley, pot and pearl.....	lb.	3,943,865	158,211	.040
Barley, flour and meal.....	lb.	1,174,180	31,049	.027
Rye flour and meal.....	lb.	2,767,607	108,149	.039
Corn flour.....	lb.	2,759,606	98,051	.035
Corn meal.....	lb.	24,799,833	638,954	.026
Corn cracked.....	lb.	26,427,379	606,515	.023
Buckwheat flour.....	lb.	4,861,988	230,501	.047
Pooneal.....	lb.	500,135	11,443	.023
Peas, split.....	lb.	4,553,228	220,130	.048
Offal, not specified.....	ton	59,625	1,171,869	19 65
All other products, including cereals.....	-	-	3,382,091	-
Total Value of Products.....	-	-	179,632,246	-

*Net Value of Production.*—The net value of production or the value added by the processes of manufacture is the amount determined by the deduction of the cost of materials from the gross value of products. The net value of production for each of the five years comprising the annual census of industry will be found in the table of principal statistics on pages 14-16.

TABLE 1.—Production in flour and grist mills by classes, Canada and the Provinces, 1921.

Products	Unit	Merchant Grinding		Custom or Exchange grinding		Total selling value at mill
		Quantity	Value	Quantity	Value	
<b>CANADA</b>						
Chopped grain feed.....	ton	90,008	3,549,507	242,273	9,389,686	12,939,193
Wheat flour—						
Fall or winter.....	bbl.	748,149	6,361,859	37,429	281,079	6,642,938
Spring.....	"	13,036,429	117,276,881	248,035	2,043,414	119,320,295
Blended.....	"	1,208,007	9,955,603	43,710	338,449	10,294,052
Low grade or feed.....	"	363,717	1,707,759	3,675	17,144	1,724,903
Shorts and middlings.....	ton	314,390	9,152,857	6,508	186,499	9,339,356
Bran.....	"	230,154	6,228,429	6,420	158,303	6,386,732
Oatmeal.....	lb.	19,744,031	741,770	1,043,253	28,392	770,162
Rolled oats.....	"	127,612,712	5,552,852	130,000	4,800	5,557,652
Barley—						
Pot and pearl.....	"	3,879,765	155,773	64,100	2,438	158,211
Flour and meal.....	"	1,097,880	27,711	76,300	3,338	31,049
Rye, flour and meal.....	"	2,108,281	87,706	659,326	20,443	108,149
Corn—						
Flour.....	"	2,729,606	97,451	30,000	600	98,051
Meal.....	"	24,595,533	632,868	204,300	6,086	638,954
Cracked.....	"	26,304,979	604,067	122,400	2,448	606,515
Buckwheat flour.....	"	1,480,040	66,553	3,381,948	163,948	230,501
Peas—						
Meal.....	"	500,135	11,443	—	—	11,443
Split.....	"	4,553,288	220,130	—	—	220,130
Offal not otherwise specified.....	ton	57,090	1,093,667	2,535	78,202	1,171,869
All other cereal products, etc.....		—	—	—	—	2,176,467
All other products.....		—	—	—	—	1,205,624
Totals.....		—	163,524,886	—	12,725,269	179,632,246
<b>ALBERTA</b>						
Chopped grain feed.....	ton	2,491	72,449	7,019	239,015	311,464
Wheat flour—						
Fall or winter.....	bbl.	150,569	1,584,013	400	2,800	1,586,813
Spring.....	"	1,155,698	10,120,893	61,919	501,779	10,622,072
Blended.....	"	—	—	2,838	24,125	24,125
Low grade or feed.....	"	39,517	174,642	1,785	7,142	181,784
Shorts and middlings.....	ton	22,896	637,903	1,320	33,361	671,264
Bran.....	"	22,772	555,362	1,222	25,600	580,962
Oatmeal.....	lb.	—	—	—	—	—
Rolled oats.....	"	12,521,997	473,808	—	—	473,808
Barley—						
Pot and pearl.....	"	166,754	6,444	—	—	6,444
Flour and meal.....	"	219,900	3,289	—	—	3,289
Rye flour and meal.....	"	—	—	2,000	60	60
Corn—						
Flour.....	lb.	—	—	—	—	—
Meal.....	"	—	—	—	—	—
Cracked.....	"	—	—	—	—	—
Buckwheat flour.....	"	—	—	—	—	—
Peas—Meal.....	"	—	—	—	—	—
Split.....	"	—	—	—	—	—
Offal, not otherwise specified.....	ton	7,097	163,571	—	—	163,571
All other cereal products.....		—	—	—	—	78,527
All other products.....		—	—	—	—	6,560
Totals.....		—	13,792,374	—	833,882	14,711,343

TABLE 1.—Production in flour and grist mills by classes, Canada and the Provinces, 1921.—Con.

Products	Unit	Merchant Grinding		Custom or Exchange Grinding		Total selling value at mill
		Quantity	Value	Quantity	Value	
<b>BRITISH COLUMBIA</b>						
Chopped grain feed.....	ton	3,592	\$116,260	711	\$28,400	\$144,700
Wheat flour—						
Fall or winter.....	bbl.	4,737	44,333	—	—	44,333
Spring.....	"	126,507	1,212,583	145	1,160	1,213,743
Blended.....	"	1,640	11,840	396	6,368	18,208
Low grade or feed.....	"	25	125	—	—	125
Shorts and middlings.....	ton	2,275	70,883	13	820	71,703
Bran.....	"	1,948	55,855	11	637	56,495
Oatmeal.....	lb.	873,606	43,680	—	—	43,680
Rolled oats.....	"	2,246,417	112,320	—	—	112,320
Barley—						
Pot and pearl.....	"	—	—	—	—	—
Flour and meal.....	"	—	—	—	—	—
Rye, flour and meal.....	"	10,924	546	—	—	546
Corn—						
Flour.....	"	—	—	—	—	—
Meal.....	"	34,279	1,714	—	—	1,714
Cracked.....	"	—	—	—	—	—
Buckwheat flour.....	"	—	—	—	—	—
Peas—Meal.....	"	—	—	—	—	—
Split.....	"	—	—	—	—	—
Offal, not otherwise specified....	ton	970	9,700	—	—	9,700
All other cereal products, etc.....		—	—	—	—	15,123
All other products.....		—	—	—	—	11,988
Totals.....		—	\$1,679,842	—	37,425	\$1,744,378
<b>MANITOBA</b>						
Chopped grain feed.....	ton	6,277	\$200,357	4,659	\$165,035	\$365,392
Wheat flour—						
Fall or winter.....	bbl.	14,699	121,821	1,073	15,802	137,623
Spring.....	"	1,035,122	9,715,798	27,828	239,904	9,955,792
Blended.....	"	921,860	7,370,771	710	5,680	7,376,451
Low grade or feed.....	"	36,657	155,251	602	3,600	158,851
Shorts and middlings.....	ton	38,878	999,545	522	14,449	1,013,994
Bran.....	"	32,597	723,837	776	17,362	741,199
Oatmeal.....	lb.	1,600,000	64,000	—	—	64,000
Rolled oats.....	"	18,164,960	670,760	—	—	670,760
Barley—						
Pot and pearl.....	"	857,865	37,553	—	—	37,553
Flour and meal.....	"	9,480	380	—	—	380
Rye, flour and meal.....	"	947,263	41,880	600,876	18,630	60,510
Corn—						
Flour.....	"	56,448	1,901	—	—	1,901
Meal.....	"	856,814	26,229	—	—	26,229
Cracked.....	"	—	—	—	—	—
Buckwheat flour.....	"	387,000	25,677	—	—	25,677
Peas—Meal.....	"	8,000	350	—	—	350
Split.....	"	—	—	—	—	—
Offal, not otherwise specified....	ton	7,591	\$153,875	67	1,500	\$155,375
All other cereal products, etc.....		—	—	—	—	1,502
All other products.....		—	—	—	—	1,961
Totals.....		—	\$20,309,985	—	482,052	\$20,795,503

TABLE 1.—Production in flour and grist mills by classes, Canada and the Provinces, 1921.—*Con.*

Products	Unit	Merchant Grinding		Custom or Exchange Grinding		Total selling value at mill
		Quantity	Value	Quantity	Value	
<b>SASKATCHEWAN</b>						
Chopped grain feed.....	ton	210	\$ 8,500	10,162	396,938	405,438
Wheat flour—						
Fall or winter.....	bbl.	300	2,700	2,828	23,228	25,928
Spring.....	"	1,299,507	11,619,302	63,751	500,916	12,120,218
Blended.....	"	1,467	7,260	11,084	56,875	64,141
Low grade or feed.....	"	24,564	99,627	330	2,050	101,677
Shorts and middlings.....	ton	23,487	565,262	1,673	47,312	612,574
Bran.....	"	21,435	457,172	1,527	36,982	494,154
Oatmeal.....	lb.	3,394,278	141,005	—	—	141,005
Rolled oats.....	"	31,006,449	1,193,405	—	—	1,193,405
Barley—						
Pot and pearl.....	"	384,300	19,430	—	—	19,430
Flour and meal.....	"	—	—	—	—	—
Rye flour and meal.....	"	—	—	35,600	1,068	1,068
Corn—						
Flour.....	"	—	—	—	—	—
Meal.....	"	—	—	—	—	—
Cracked.....	"	—	—	—	—	—
Buckwheat flour.....	"	—	—	1,040	40	40
Peas—Meal.....	"	—	—	—	—	—
Split.....	"	—	—	—	—	—
Offal, not otherwise specified....	ton	12,430	134,472	10	300	134,772
All other cereal products, etc.....	—	—	—	—	—	23,182
All other products.....	—	—	—	—	—	46,679
Totals.....	—	—	14,248,141	—	1,065,709	15,383,711
<b>ONTARIO</b>						
Chopped grain feed.....	ton	44,874	1,856,039	188,863	7,174,778	9,030,817
Wheat flour—						
Fall or winter.....	bbl.	577,400	4,605,092	3,173	23,890	4,628,982
Spring.....	"	6,703,530	58,534,624	42,958	356,186	58,890,810
Blended.....	"	283,040	2,565,726	4,385	34,240	2,599,966
Low grade or feed.....	"	191,564	939,176	548	2,592	941,768
Shorts and middlings.....	ton	165,129	4,965,118	1,028	29,521	4,994,639
Bran.....	"	113,298	3,110,219	899	23,007	3,133,226
Oatmeal.....	lb.	13,876,147	493,085	—	—	493,085
Rolled oats.....	"	63,672,889	3,102,559	90,000	3,600	3,106,159
Barley—						
Pot and pearl.....	"	2,211,046	81,496	—	—	81,496
Flour and meal.....	"	—	—	—	—	—
Rye, flour and meal.....	"	1,150,094	45,280	12,750	423	45,703
Corn—						
Flour.....	"	657,984	26,626	—	—	26,626
Meal.....	"	4,992,252	149,786	—	—	149,786
Cracked.....	"	14,780,575	354,754	—	—	354,754
Buckwheat flour.....	"	883,040	27,506	8,253	412	27,918
Peas—Meal.....	"	492,135	11,093	—	—	11,093
Split.....	"	4,553,228	220,130	—	—	220,130
Offal, not otherwise specified....	ton	28,533	617,126	50	1,020	618,146
All other cereal products, etc.....	—	—	—	—	—	811,092
All other products.....	—	—	—	—	—	1,135,528
Totals.....	—	—	81,705,435	—	7,649,609	91,301,724

TABLE 1.—Production in flour and grist mills by classes, Canada and the Provinces, 1921.—*Con.*

Products	Unit	Merchant Grinding		Custom or Exchange Grinding		Total selling value at mill
		Quantity	Value	Quantity	Value	
<b>QUEBEC</b>						
Chopped grain feed.....	ton	31,244	\$1,241,585	28,276	\$1,274,952	\$2,516,537
Wheat flour—						
Fall or winter.....	bbl.	444	3,900	27,128	198,113	202,013
Spring.....	"	2,716,065	26,073,681	24,121	218,348	26,292,029
Blended.....	"	—	—	14,186	125,425	125,425
Low grade or feed.....	"	71,390	338,938	60	260	339,198
Shorts and middlings.....	ton	61,725	1,914,146	1,198	38,636	1,952,782
Bran.....	"	38,104	1,325,981	1,245	35,009	1,360,990
Oatmeal.....	lb.	—	—	917,253	22,744	22,744
Rolled oats.....	"	—	—	40,000	1,200	1,200
Barley—						
Pot and pearl.....	"	259,800	10,850	64,100	2,438	13,288
Flour and meal.....	"	868,500	24,042	57,800	2,338	26,380
Rye, flour and meal.....	"	—	—	8,100	262	262
Corn—						
Flour.....	"	2,015,174	68,924	30,000	600	69,524
Meal.....	"	4,545,146	108,873	—	—	108,873
Cracked.....	"	1,229,831	27,865	—	—	27,865
Buckwheat flour.....	"	210,000	13,370	824,480	26,522	39,892
Peas—Meal.....	"	—	—	—	—	—
Split.....	"	—	—	—	—	—
Offal not otherwise specified.....	ton	229	8,973	966	42,475	51,448
All other cereal products, etc.....		—	—	—	—	1,247,041
All other products.....		—	—	—	—	—
Totals.....		—	31,161,128	—	1,989,322	\$34,397,491
<b>NEW BRUNSWICK</b>						
Chopped grain feed.....	ton	262	11,837	991	44,085	\$55,922
Wheat flour—						
Fall or winter .....	bbl.	—	—	1,527	13,246	13,246
Spring.....	"	—	—	5,900	50,719	50,719
Blended.....	"	—	—	6,924	57,397	57,397
Low grade or feed.....	"	—	—	250	1,100	1,100
Shorts and middlings.....	ton	—	—	276	7,070	7,070
Bran.....	"	—	—	244	5,746	5,746
Oatmeal.....	lb.	—	—	—	—	—
Rolled oats.....	"	—	—	—	—	—
Barley—						
Pot and pearl.....	"	—	—	—	—	—
Flour and meal.....	"	—	—	—	—	—
Rye, flour and meal.....	"	—	—	—	—	—
Corn—						
Flour.....	"	—	—	—	—	—
Meal.....	"	6,792,066	155,838	204,300	6,086	161,924
Cracked.....	"	7,044,418	146,421	100,000	2,000	148,421
Buckwheat flour.....	"	—	—	2,454,613	131,704	131,704
Peas—Meal.....	"	—	—	—	—	—
Split.....	"	—	—	—	—	—
Offal not otherwise specified.....	ton	50	1,050	1,313	29,902	30,952
All other cereal products, etc.....		—	—	—	—	—
All other products.....		—	—	—	—	2,905
Totals.....		—	315,146	—	349,055	667,706

TABLE 1.—Production in flour and grist mills by classes, Canada and the Provinces, 1921.—*Con*

Products	Unit	Merchant Grinding		Custom or Exchange Grinding		Total selling value at mil
		Quantity	Value	Quantity	Value	
<b>Nova Scotia</b>						
Chopped grain feed.....	ton	1,058	\$42,480	943	\$37,734	80,214
Wheat flour—						
Fall or winter.....	bbl.	—	—	—	—	—
Spring.....	"	—	—	5,491	48,565	48,565
Blended.....	"	—	—	2,779	24,875	24,875
Low grade or feed.....	ton	—	—	100	400	400
Shorts and middlings.....	ton	—	—	172	4,895	4,895
Bran.....	"	—	—	156	3,835	3,835
Oatmeal.....	lb.	—	—	102,200	4,388	4,388
Rolled oats.....	"	—	—	—	—	—
Barley—						
Pot and pearl.....	"	—	—	—	—	—
Flour and meal.....	"	—	—	18,500	1,000	1,000
Rye, flour and meal.....	"	—	—	—	—	—
Corn—						
Flour.....	"	—	—	—	—	—
Meal.....	"	7,014,476	176,008	—	—	176,008
Cracked.....	"	2,767,455	63,073	22,400	448	63,521
Buckwheat flour.....	"	—	—	93,000	5,225	5,225
Peas—Meal.....	"	—	—	—	—	—
Split.....	"	—	—	—	—	—
Offal not otherwise specified....	ton	160	4,000	116	2,675	6,675
All other cereal products, etc.....		—	—	—	—	—
All other products.....		—	—	—	—	—
Totals.....		—	285,561	—	134,040	419,601
<b>PRINCE EDWARD ISLAND</b>						
Chopped grain feed.....	ton	—	—	649	28,709	28,709
Wheat flour—						
Fall or winter.....	bbl.	—	—	400	4,000	4,000
Spring.....	"	—	—	15,922	125,747	125,747
Blended.....	"	—	—	408	3,464	3,464
Low grade or feed.....	ton	—	—	—	—	—
Shorts and middlings.....	ton	—	—	306	9,835	9,835
Bran.....	"	—	—	340	10,125	10,125
Oatmeal.....	lb.	—	—	23,800	1,260	1,260
Rolled oats.....	"	—	—	—	—	—
Barley—						
Pot and pearl.....	"	—	—	—	—	—
Flour and meal.....	"	—	—	—	—	—
Rye, flour and meal.....	"	—	—	—	—	—
Corn—						
Flour.....	"	—	—	—	—	—
Meal.....	"	360,500	14,420	—	—	14,420
Cracked.....	"	482,700	11,954	—	—	11,954
Buckwheat flour.....	"	—	—	560	45	45
Peas—Meal.....	"	—	—	—	—	—
Split.....	"	—	—	—	—	—
Offal not otherwise specified....	ton	30	900	13	330	1,230
All other cereal products, etc.....		—	—	—	—	—
All other products.....		—	—	—	—	—
Totals.....		—	27,274	—	183,515	210,789

The figures in this table represent the production of flour and grist mills in Canada and the Provinces, 1921, as reported by the Canadian Bureau of Statistics. The figures are based on reports from 1,200 mills in Canada and 100 mills in the Provinces.

TABLE 1a.—Production in chopping mills by classes, quantity and value for Canada and the Provinces, 1921.

Products	Chopped Grain Feed		Other Products		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
CANADA	372,336	15,043,784	1,692	96,819	374,028	15,140,603
Alberta.....	10,553	382,069	-	-	10,553	382,069
Manitoba.....	2,481	90,515	-	-	2,481	90,515
Saskatchewan.....	3,593	139,820	140	8,775	3,733	148,595
Ontario.....	313,389	12,448,172	577	29,872	313,966	12,478,044
Quebec.....	40,927	1,928,005	66	3,290	40,993	1,931,295
New Brunswick.....	216	8,378	478	27,237	694	35,615
Nova Scotia.....	668	26,295	16	1,220	684	27,515
Prince Edward Island.....	509	20,530	415	26,425	924	46,955

#### MATERIALS USED.

The quantity and value of the grains milled during the year is shown by provinces in table (2a) for flour and grist mills and in table (2b) for chopping mills.

The total cost of grains used in the flour and grist mills of the Dominion in 1921 was \$146,086,687, and of containers, \$7,358,337. In chopping mills the cost value of the grain chopped was \$11,137,612, or a grand total cost for all materials of \$164,582,636.

The average price per bushel of each kind of grain and the percentage of increase or decrease per bushel is indicated in the summary table below for the calendar years 1920 and 1921.

Grains Milled	Average price per bushel delivered at mill		Increase or decrease over 1920	
	1920	1921	Per bushel	Per cent
			\$ c	c
Wheat.....	2 47	1 84	-	63
Oats.....	0 98	0 56	-	42
Barley.....	1 23	0 87	-	36
Rye.....	1 64	1 30	-	34
Corn.....	1 46	0 89	-	57
Buckwheat.....	1 29	0 97	-	32
Peas.....	1 95	1 98	+	03
Mixed grains.....	1 10	0 68	-	42

NOTE.—The minus sign in columns 3 and 4 represents a decrease and the plus sign an increase.

TABLE (2a).—Materials used in Flour Mills, 1921.

Materials	CANADA		Alberta		British Columbia		Manitoba		Saskatchewan	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Wheat bush.	70,005,373	\$129,312,439	6,177,749	\$10,783,256	650,144	\$981,373	9,128,149	\$16,242,013	6,232,750	\$10,702,429
Oats " "	11,687,352	6,525,965	1,049,480	520,403	245,381	135,869	1,193,836	656,459	1,830,655	920,939
Barley " "	757,972	656,581	71,284	42,249	13,164	10,000	96,253	80,321	55,584	42,863
Rye " "	106,289	138,116	4,000	3,775	195	438	34,565	50,398	1,454	1,124
Corn " "	1,758,906	1,574,554	5,955	6,890	32,136	29,887	29,027	29,942	-	-
Buckwheat " "	263,442	256,825	-	-	-	-	12,900	20,139	50	50
Peas " "	99,923	197,828	-	-	-	-	170	300	-	-
Mixed grain for chopping " "	10,520,218	7,104,252	169,369	103,567	2,000	1,200	350,044	195,265	344,987	229,232
Other grains " "	134,201	320,127	453	798	-	-	1,656	993	-	867,853
Cost of containers purchased " "	-	6,578,491	-	807,585	-	92,948	-	793,071	-	-
Cost of materials used in making containers " "	-	779,846	-	3,916	-	-	-	229,460	-	217,533
Totals.....	95,333,676	\$153,445,024	7,478,290	\$12,272,439	943,020	\$1,251,715	10,846,700	\$18,298,361	8,465,480	\$12,892,023

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TABLE (2a).—Materials used in Flour Mills, 1921.

Materials	Ontario		Quebec		New Brunswick		Nova Scotia		Prince Edward Island	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Wheat bush.	34,863,013	\$63,096,686	12,771,061	\$27,211,298	66,227	\$106,089	39,091	\$65,699	77,189	\$123,596
Oats " "	6,530,073	3,781,488	723,425	436,627	57,465	37,056	45,692	29,372	11,345	7,752
Barley " "	386,407	367,107	125,026	105,401	2,124	1,788	8,030	6,852	-	-
Rye " "	64,394	80,898	1,650	1,450	-	-	31	33	-	-
Corn " "	950,080	784,505	247,131	235,191	262,705	254,672	215,672	211,347	16,200	22,616
Buckwheat " "	35,883	34,881	89,860	79,140	120,053	118,032	4,672	4,547	24	36
Peas " "	99,098	196,673	655	855	-	-	-	-	-	-
Mixed grain for chopping " "	7,932,049	5,155,553	1,676,735	1,385,751	10,643	7,765	13,486	10,348	20,905	15,571
Other grains " "	126,021	315,476	6,071	2,860	-	-	-	-	-	720
Cost of containers purchased " "	-	3,039,155	-	965,460	-	6,942	-	4,797	-	-
Cost of materials used in making containers " "	-	85,387	-	333,550	-	-	-	-	-	-
Totals.....	50,987,018	\$76,937,769	15,641,614	\$30,757,583	519,217	\$531,848	326,674	\$332,995	125,663	\$170,291

TABLE (2b).—Materials used in Chopping Mills, 1921.

Materials	CANADA		Alberta		Manitoba		Saskatchewan		Ontario	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Wheat.....bush.	84,154	\$113,296	4,055	\$3,437	—	—	9,557	\$11,615	54,517	\$75,829
Oats....."	2,737,684	1,474,875	341,844	147,623	50,339	22,954	112,668	56,333	1,553,597	843,521
Barley....."	679,683	469,308	44,295	26,476	30,330	16,894	27,588	18,108	464,120	319,595
Rye....."	44,009	37,667	1,290	1,132	858	740	344	235	40,577	34,815
Corn....."	375,835	300,327	—	—	—	—	100	70	226,277	178,652
Buckwheat....."	116,808	97,016	—	—	—	—	320	255	33,536	30,376
Peas....."	14,291	14,697	—	—	—	—	—	—	12,516	12,490
Mixed grain....."	12,368,955	8,601,506	167,780	88,255	42,250	22,625	41,933	27,110	11,209,236	7,824,235
Other grain....."	43,972	28,920	1,870	1,000	—	—	30	30	32,909	20,899
Totals.....	16,465,391	11,137,612	561,134	267,923	123,777	63,213	192,540	113,756	13,627,285	9,340,412

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TABLE (2b).—Materials used in Chopping Mills, 1921.

Materials	Quebec		New Brunswick		Nova Scotia		Prince Edward Island	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Wheat.....bush.	775	\$1,211	673	\$1,004	790	\$1,000	13,787	\$19,200
Oats....."	650,407	389,057	7,699	\$4,237	2,490	\$1,450	18,640	\$9,700
Barley....."	112,992	87,988	358	248	—	—	—	—
Rye....."	935	740	—	—	5	5	—	—
Corn....."	148,748	120,615	700	980	10	10	—	—
Buckwheat....."	58,948	45,894	23,308	19,921	96	90	600	\$480
Peas....."	1,775	2,207	—	—	—	—	—	—
Mixed grain....."	872,793	615,850	1,146	706	25,817	17,275	8,000	\$5,450
Other grain....."	9,163	6,991	—	—	—	—	—	—
Totals.....	1,856,530	1,270,553	33,884	27,095	29,208	19,830	41,027	34,830

TABLE 3.—Capital invested in the Flour and Grist Mill Industry, by Items and Provinces, 1921.

Provinces	Land, buildings and fixtures	Machinery and tools	Materials on hand, stocks in process, etc.	Cash, trading and operating accounts, etc.	Total capital flour and grist mills	Total capital chopping mills	Grand total capital all mills
	\$	\$	\$	\$	\$	\$	\$
Alberta.....	1,511,270	950,952	1,277,266	1,180,712	4,920,209	80,614	5,000,823
British Columbia.....	561,662	342,375	259,048	262,739	1,425,824	-	1,425,824
Manitoba.....	2,708,922	1,455,807	1,147,055	1,098,342	6,410,126	13,025	6,423,151
Saskatchewan.....	1,005,044	629,444	864,918	1,151,019	3,650,425	44,125	3,694,550
Ontario.....	13,468,829	7,974,493	6,246,915	4,345,903	32,036,140	1,525,001	33,561,141
Quebec.....	4,149,534	1,744,762	1,293,710	2,940,347	10,128,353	875,200	11,003,553
New Brunswick.....	98,287	117,446	17,528	23,173	256,434	11,400	267,834
Nova Scotia.....	82,251	87,963	38,726	90,456	299,396	14,500	313,896
Prince Edward Island.....	51,400	47,800	2,919-	5,821	107,940	28,600	136,540
CANADA.....	23,637,208	13,351,042	11,148,085	11,098,512	59,234,847	2,592,465	61,827,312

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TABLE 4.—Employees, Salaries and Wages by Classes of Mills, 1921

Provinces	Employees on Salaries in Flour and Grist Mills			Employees on Wages in					Outside Piece-workers in Flour and Grist Mills		
				Flour and Grist Mills			Chopping Mills				
	Male	Female	Salaries	Male	Female	Wages	Employees	Wages	Male	Female	Amount Paid
Alberta.....	158	25	\$ 334,674	359	8	\$ 432,835	30	\$ 10,708	-	-	-
British Columbia.....	61	13	98,701	72	1	87,840	-	-	-	-	-
Manitoba.....	154	20	331,071	499	10	651,562	6	2,680	-	-	-
Saskatchewan.....	215	34	462,139	385	18	445,573	19	4,773	-	-	-
Ontario.....	464	130	1,171,655	2,519	86	2,767,969	516	278,998	5	15	8,217
Quebec.....	121	28	411,699	676	3	677,530	257	59,865	-	-	-
New Brunswick.....	3	2	1,846	41	-	30,346	7	1,982	-	-	-
Nova Scotia.....	5	1	12,276	27	2	21,542	5	1,118	-	-	-
Prince Edward Island.....	-	-	-	18	-	9,574	8	2,228	-	-	-
Totals.....	1,181	253	2,824,061	4,596	128	5,124,771	848	362,352	5	15	8,217

\$ 1969.36

8,084.24

8427.30

TABLE 5.—Classified Weekly Wages by Provinces, as on December 15th.

Provinces	Under \$5 per week		\$5 to under \$10 per week		\$10 to under \$20 per week		\$20 to under \$30 per week		\$30 to under \$40 per week		\$40 to under \$50 per week		\$50 per week and over		Total	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
CANADA.....	8	-	30	19	1,469	123	2,693	17	513	1	71	-	12	-	4,796	160
Alberta.....	-	-	4	-	47	17	267	-	94	-	7	-	5	-	424	17
British Columbia.....	-	-	-	-	33	1	45	-	5	-	-	-	-	-	83	1
Manitoba.....	-	-	1	-	64	6	373	-	51	-	11	-	-	-	500	6
Saskatchewan.....	-	-	-	1	29	14	256	-	59	-	6	-	1	-	351	15
Ontario.....	-	-	17	18	846	82	1,464	16	232	-	35	-	3	-	2,597	116
Quebec.....	8	-	4	-	361	1	271	1	69	1	12	-	3	-	728	3
New Brunswick.....	-	-	-	-	46	-	7	-	3	-	-	-	-	-	56	-
Nova Scotia.....	-	-	3	-	24	2	10	-	-	-	-	-	-	-	37	2
Prince Edward Island...	-	-	1	-	19	-	-	-	-	-	-	-	-	-	20	-

## FUEL CONSUMPTION.

The consumption of fuel by classes, quantity and value is shown in table 6 for each class of mills. The total cost of fuel in 1921 was \$624,899, of which Canadian fuel contributed to the value of \$421,834 and foreign fuel, \$203,065.

TABLE 6.—FUEL STATISTICS, 1921.

Classes of Fuel	Unit of measure	Flour Mills		Chopping Mills
		Quantity	Value	Value
Bituminous coal.....	ton	35,413	\$261,550	-
Anthracite coal.....	"	3,286	42,662	-
Lignite coal.....	"	31,006	158,027	-
Coke.....	"	1,418	7,851	-
Gasoline.....	gal.	18,927	7,678	-
Oil (fuel).....	"	88,885	18,903	-
*Wood.....	ed.	8,432	35,626	-
Gas.....	m.c.ft.	9,350	8,864	-
Other fuel, n.s.....		-	13,208	70,530
Totals.....		-	554,369	70,530

## CAPITAL AND LABOUR.

*Capital invested.*—The amount of capital invested in the industry in 1921 is shown in table 3 for all classes of mills, the total being \$61,827,312. Statistics of capital investment by provinces will be found in the comparative table of principal statistics, 1917–1921 on pages 14–16.

*Employees, Salaries and Wages.*—The number of persons employed by the industry in the provinces and the Dominion is shown by classes and sex together with the amounts paid to each class for services in table 4. The total number employed during the year was 7,024, of whom 6,629 were males and 395 females, with a total annual payroll of \$8,319,401. A classification of employees according to groups of weekly earnings is shown in table 5 for Canada and the provinces. The number in the Dominion receiving less than \$5 per week was 8, from \$5 to under \$10 per week the number was 49, from \$10 to under \$20 per week the total was 1,592, from \$20 to under \$30 per week the total was 2,710, from \$30 to under \$40 per week, it was 514 and over \$40 per week 83.

## POWER EQUIPMENT.

The statistics relating to the classes of power employed are shown in table 7, by number of units and by horse-power in flour and grist mills, and by horse-power only in chopping mills. The total available horse-power in flour and grist mills was 96,511, of which 78,945 horse-power was actually used. Electric power stands in first place with 49,813 horse-power available and 41,737 actually used; water power is second with 31,403 available horse-power and 23,634 actually used; steam power is third with 12,854 available horse-power and 11,214 actually used, whilst other internal combustion engines had an available horse-power of 2,322, of which 2,211 was actually used. In chopping mills water power is first with 12,635 horse-power, steam with 3,260 horse-power is second and electric power is third with 2,822 horse-power and other powers, 3,597 horse-power, all of which was actually used.

TABLE 7.—Power Employed, 1921.

Classes of Power	Flour Mills			Chopping Mills
	No. of units	H.P. capacity	H.P. actually employed	H.P. actually employed
Engines—				
Steam.....	121	12,824	11,214	3,260
Gas.....	12	1,227	1,155	—
Oil.....	36	768	738	—
Gasoline.....	26	327	318	1,846
Hydraulic turbines or water wheels.....	533	31,403	23,634	12,635
Electric motors—				
Alternating current.....	943	42,562	34,910	2,822
Direct current.....	69	7,251	6,827	
Other power.....	4	149	149	
Totals.....	1,744	96,511	78,945	22,314

## MISCELLANEOUS EXPENSES.

The outlay for expenses of a miscellaneous character is shown by items in table 8 and amounted to a total of \$8,471,620, to which flour and grist mills contributed \$8,298,795 or 98 per cent and chopping mills \$172,825, or 2 per cent.

TABLE 8.—Miscellaneous Expenses, 1921.

Items of Expense	Flour Mills	Chopping Mills
Rent of offices, works, machinery.....	\$ 492,096	\$ 6,687
Rent of power.....	784,563	53,367
Insurance (premiums for year only).....	642,539	—
Taxes, all kinds.....	632,304	28,748
Royalties, use of patents, etc.....	18,595	—
Advertising expenses.....	296,918	—
Travelling expenses.....	740,878	—
Repairs to buildings and machinery.....	961,720	—
All other sundry expenses.....	3,729,182	84,023
Totals.....	8,298,795	172,825

## IMPORTS, EXPORTS AND CONSUMPTION.

*Imports.*—The quantity and value of milled products and of grains imported into Canada for consumption during the calendar year 1921 is set forth in the following table:—

	Unit	Quantity	Value
<i>Milled Products</i> —			
Wheat flour.....	bbl.	40,186	281,733
Buckwheat meal flour.....	cwt.	123	818
Cornmeal.....	bbl.	33,240	139,154
Malt flour.....	lb.	618,333	21,837
Rye flour.....	bbl.	1,728	8,248
Oatmeal and rolled oats.....	lb.	16,843	1,222
Barley, pot and pearl.....	lb.	136,270	28,588
Peas, split.....	lb.	80,220	4,810
Hominy, cracked, ground, etc.....		—	11,981
Rice and cassava flour, etc.....	lb.	224,761	20,889
Sago and tapioca flour.....	lb.	856,671	28,786
Bran and mill feed.....		—	104,821
Cereal food in packages.....	lb.	797,823	85,043
Cereal foods, n.o.p.....		—	31,244
Semolina.....	bbl.	548	6,406
Total Milled Products.....		—	775,580
<i>Grains</i> —			
Wheat.....	bush.	100,917	589,011
Oats.....	"	137,352	73,063
Barley.....	"	2,180	2,599
Corn for all purposes.....	"	12,321,888	8,791,570
Buckwheat.....	"	11,798	15,361
Peas, whole.....	"	33,845	113,583
Rye.....	"	4,200	4,831
Beans.....	"	152,961	369,280
Total Grains.....		—	9,959,298

IMPORTS, EXPORTS AND CONSUMPTION.—Continued.

*Exports.*—Milled products and grains, the produce of Canada, exported during the calendar year 1921, are shown in the following table by quantity and value:—

Articles	Unit	Quantity	Value	Articles	Unit	Quantity	Value
<i>Milled Products—</i>							
Wheat flour.....	bbl.	7,278,001	60,110,059	Grains—	bush.	146,855,156	214,604,099
Oatmeal and rolled oats.....	cwt.	657,492	2,642,596	Oats.....	"	33,175,766	17,715,180
Bran, shorts and middlings.....	cwt.	1,219,289	1,504,762	Barley.....	"	12,301,494	10,307,782
Malt.....	bush.	275,059	550,153	Corn.....	"	26,519	32,141
Peas, split.....	bush.	79,600	254,197	Rye.....	"	3,815,158	4,743,992
Screenings.....	cwt.	712,258	128,926	Buckwheat.....	"	373,189	375,138
Corn meal.....	bbl.	20,820	113,977	Peas, whole.....	"	193,461	715,562
Rye flour.....	"	1,145	7,864	Beans.....	"	8,759	26,609
Rice meal and flour.....	lb.	1,064,880	22,606	Total Grains.....		-	248,520,503
All other meals.....	bbl.	3,581	20,157				
Total Milled Products.....		-	65,355,297				

*Consumption.*—A statement showing the total quantities and values of principal milled products available for consumption in Canada for the calendar year 1921, and also the per capita quantities and values based on a population of 8,800,000 is appended. Consumption of any commodity is usually computed by adding together Production and Imports and deducting therefrom the Exports.

Articles	Unit	Production		Imports		Exports		Available for Consumption		Per Capita Consumption	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Wheat flour.....	bbl.	15,321,759	136,257,285	40,186	281,733	7,278,001	60,110,059	8,083,944	76,428,959	0 92	8 69
Oatmeal and Rolled oats.....	lb.	148,529,996	6,327,814	16,843	1,222	65,749,200	2,642,596	82,797,639	3,686,400	9 41	0 42
Cornmeal.....	lb.	24,799,833	638,954	6,515,040	139,154	4,080,720	113,977	27,234,153	664,131	3 09	.075
Rye flour.....	lb.	2,767,607	108,149	338,688	8,248	224,420	7,864	2,881,875	108,533	0 33	.012
Buckwheat flour.....	lb.	4,861,988	230,501	12,300	818	-	-	4,874,288	231,319	0 55	.027
Barley, pot and pearl.....	lb.	3,943,865	158,211	136,270	28,588	-	-	4,080,135	186,799	0 46	.021

## PART III.

### List of Flour and Grist Mills in Canada, with capacities.

#### PRINCE EDWARD ISLAND.

##### FLOUR MILLS

Name	Location	Capacity Bbls. per day	Name	Location	Capacity Bbls. per day
Campbell, Preston L.	New Glasgow.....	24	Rackham, G. Chester	Wheatley River.....	25
Crosby, Heath E.	Bonshaw.....	40	Robinson, Geo. W.	Summerside.....	70
Dunk River Milling Co. (J. A. Monaghan).....	Emerald, R.R. 2.....	258	Rose, Stephen.....	East Baltic, R.R. 1.....	12
Full, G. E. & Son.....	Charlottetown.....	-	Ross, Geo. W.	Bridgetown.....	12
Hardy, M. R.	Little York.....	30	Ross, John.....	Vernon River.....	50
Marchbank, David.....	Alma.....	35	Simpson, J. Herbert.....	Hunter's River.....	25
McLeod, Alex. J.	Montague.....	-	Webster, R. W.	Marie.....	20
McMillan Bros.....	Wood Islands.....	35	Wellington Milling Co. Ltd., The.....	Wellington.....	50
McRae, D. A.	Heatherdale.....	70	Wilmot Flour Mills (E. Clarke).....	Wilmot, R. R. 3.....	60
New Glasgow Roller Flour Mills Ltd.....	New Glasgow.....	-	Wisner, J. C.	Mount Stewart, R.R. 3.....	20

##### GRIST MILLS

Balderson, Geo. D.	St. Peter's Bay.....	-	Leard, Geo. S.	Lorne Valley (Penke Station, R.R. 3).....
Delany, Percy L.	De Sable, R.R. 2.....	-	Leard, R. A. W.	Bedeque.....
Howatt, B. D.	Brudenell (Cardigan).....	-	Marchbank, J. W.	Howlan.....
Ives, C. W.	North Tryon.....	-	Warren, Ernest E.	North River.....

### NOVA SCOTIA.

##### FLOUR MILLS

Allen, E. D.	Parrsboro.....	40	McLean Mfg. Co. Ltd.	Amherst.....	50
Archibald, Fisher.....	Denver.....	25	McMullen, Chas. B., Ltd.	Truro.....	50
Chisholm, Archie.....	St. Andrews, R.R. 1.....	16	North Shore Mfg. Co., Ltd. (A. D. McGill- vary)	Malignant Cove.....	30
Cook, John.....	Carroll's Corners (Gay's River).....	25	Oxford Flour Mills, Ltd.	Oxford.....	-
Cunningham, G. F.	New Glasgow, R.R. 4.....	20	Randall, A. W. (Estate)	South Farmington.....	15
Forbes, Renwick.....	Merigomish.....	25	Stewart, C. P.	Little Harbour.....	25
Higgins, Albert.....	Belmont.....	25	Sylvan Valley Mills.....	Sylvan Valley.....	40
Hulbert, J. H.	North Lochaber.....	14	Weir, Wyndham.....	Pine Tree.....	25
Hunter, K. E.	Gaspereaux.....	20	Western Shore Grist Mill Co.	Martin's Point.....	20
Johnston & McDonald, Ltd.	New Glasgow.....	100	Woodworth, B. E.	Berwick.....	40
Lunenburg Milling Co., Ltd.	Bridgewater.....	50			
McDonald, Alex. L.	Balmoral Mills.....	60			

##### GRIST MILLS

Beaton, A. D.	Glenora Falls.....	15	Morrison, M. & Son.	Sydney.....
Calder Fraser Co. Ltd.	Dartmouth.....	-	Morrow, B. A.	Boylston.....
Cameron, Neil.....	Hopewell.....	-	Steen Bros. & Co.	Yarmouth.....
Halifax Meal Mills, Ltd.	Halifax.....	-	Sterns, James F.	Afton.....
McElmon, E. B.	Belmont, R.R. 1.....	-	Swan, Jas. L.	Central New Annan.....

### NEW BRUNSWICK

##### FLOUR MILLS

Belyea, E. A.	Coldstream.....	50	McLaughlin, Ltée., La Cie, M.	Buctouche.....	50
Carle, E. M.	Elgin.....	48	McLean, Donald.....	Bristol.....	50
Colpitts, T. Whit & Co.	Forest Glen.....	20	Melanson, O. M. Co. Ltd.	Shediac.....	40
Eddy Co. Ltd., Geo.	Bathurst.....	40	Peters, F. S.....	Peter's Mills.....	25
Fowlie, Geo.	Little Branch.....	40	Roger Bros.....	Woodstock.....	60
Giddens, Jno.	Rolling Dam Station.....	200	Sherwood, C. M. Co., Ltd.	Centreville.....	100
Hickman, J. & C., Ltd.	Port Elgin.....	-	Stothart Merc. Co. Ltd., The.....	Newcastle.....	40
Irving, J. D.	Buctouche.....	40	Warren, J. L.	South Branch.....	75
Johnston, B. J.	Richibucto.....	50	Wiggins, Geo. S.	Four Falls.....	10
Lakeville Milling Co., Ltd.	Lakeville.....	50			
Leger, L. M. & J. B.	St. Anthony.....	24			
Little, James.....	York Mills.....	30			

## NEW BRUNSWICK—Con.

## GRIST MILLS

Name	Address	Capacity	Name	Address	Capacity
		Bbls. per day			Bbls. per day
Ahern, J. B.	Nigado	-	McClelan, A. R. Estate	Riverside	-
Bartlett, Edward H.	St. Andrews, R.R. 1	-	McIntosh, Mrs. M.	Glassville, R.R. 2	-
Boulé, Adélard	Pelletier Mills	-	Miller Bros.	Centreville, R.R. 4	-
Boyd, H. Nelson	St. Andrews	-	Morice Bros.	Sackville	-
Cochrane, H.	Lower Kingston	-	Morneault, Chas.	St. Jacques	-
Corey, O. F.	Butternut Ridge	-	Plourde, Paul	Power's Creek	-
Durrah, H. C.	Chipman	-	Reid, Milton H.	Upham	-
Everett, F. H.	Fredericton	-	Royal Mills Ltd., The	South Devon	-
Fawcett Mfg. Co. Ltd.	Moncton	-	Stairs, Peter	Southampton R.R. 2	-
Giberson, Chas. R.	Holmesville	-	Tomilson, J. R.	Stanley, R.F.D. 1	-
Jones, Edgar E.	River Glade	-	Verrett, Wilfred	St. Francois de Madawaska	-
Landry, Valero	Lozier Settlement	-	Weatherall, Wm. Geo.	Hoyt Station	-
Maritime Corn Meal Mills	1 Coburg St., St. John	-			
McAllister, Bros.	Milltown	-			

## QUEBEC.

## FLOUR MILLS

Alain Joly de Lotbinière Mills (Henri S. Parrot, Gérant)	Lotbinière	40	Dubois, Jérémie	Notre Dame des Bois	30
Allée, O. & E.	Chutes Rouges	50	Dufour, Thos.	St. Pascal	20
Angers, Georges Henri	St. Césaire	40	Dufresne, Jos.	Champlain	-
Angers, Philippe	St. Césaire, R.R. 3	110	Duggan, E. J.	La Malbaie	45
Arton, Philippe	St. Aubert	25	Duggan, E. J.	Murray Bay	100
Babin & Babin	Bonaventure Est	14	Dumoulin, Wilfrid	Ste. Brigitte des Saults	45
Baril & Laroche	Arthabaska	300	Dunn, Thos.	St. Etienne	75
Barry, E. A.	Masson (551) Carrière, Montreal	180	Edwards, C. H. & Co.	Cookshire	25
Bazinet, Alphonse	St. Hugues	30	Forest, O'Neil	St. Wenceslas	200
Beaudet & Laroche	St. Antoine de Tilly	25	Forget, O.	St. Jovite de Terrebonne	10
Beaudoine, Placide	St. Hénédine	20	Fortier, Delphis, Art.	St. Ferdinand	22
Beaulieu, Jos.	St. Aubert	24	Fortin, Léon	Grand Rang	40
Beaulieu, Jos.	Ste. Flavie	50	Fortin, P.	Laurierville	10
Beaulieu, Nap.	St. Clément	15	Fortin, Robert	Baie St. Paul	100
Bélanger, F. X. A.	Pont Maskinongé	100	Fortin, Zotique	St. Côme	20
Bélanger & Riveria	Chicoutimi W.	25	Fournier, Eugène	Petit Pré Est	15
Bélanger, Vénérand, fils	St. Jean de Mathe	240	Gagné, Fidèle	Maria	48
Bergeron, Alphonse	Stornoway	20	Gagné, J. B.	Amqui	50
Bernard, Frère	New Glasgow	20	Gagnon, Cyprien	St. Félicien	40
Bernard & Frère	St. Félicien	250	Gareau, Thos.	La Pointe du Lac	36
Bernard, H. C. & Cie.	Acton Vale	150	Gareau, Xavier	La Pointe du Lac	20
Bernier, Elzéar	Tartigou-sur-mer	10	Gariépy, Louis	Baie St. Paul	20
Bernier, François	Courcelles	25	Goupille, Adélard	St. Philippe de Chester	10
Bilodeau, Marc	Beaurivage	20	Gouyremont Frères	St. Cyrille de Wendover	65
Bishop, M. C.	Bishop's Crossing	40	Hudon, Achille	Trois Saumons	75
Black, J. & G., Ltd.	Thurso	36	Hudon, Didier	St. Paëome	50
Boileau, H. & G.	Isle Bizard	40	Hudon, Lucien	Ste. Anne de la Pocatière	-
Bouffard, Joseph	St. Damien	10	Hunter, John & Sons	Huntingdon	25
Bretton, Joseph	St. Raphael	25	Hunting, Wm. R. & Sons	Huntingville	75
Brock, G. L.	Trenholme	25	Jacob, Anselme	Paré	7
Buzzell, Nelson	Cowansville	25	Jobin, Nap.	Theftord Mine	30
Campbell's Bay Milling Co.	Catnappell's Bay	50	Lacasse, Damusse	St. Gervais	20
Carlos, Léon & Emile	Cap St. Ignace	200	Lacoursière, Joseph	St. Stanislas	25
Caron, Hosuann	Arthurville	15	Lacourvière, Valmar	Disraeli	20
Chénette, Albert	St. Ours, Richelieu	30	Laflamme, Jos.	Fox River	12
Chouinard, Jos.	St. Pascal	20	Lafrance, Anthime	Proulxville	24
Clarendon Roller Mills (G. F. Wanless)	Shawville, R.R. 2	50	Lajoie, Israel	St. Pascal	30
Cossette, Albert	St. Narcisse	20	Lamy, Onésime	St. Stanislas	144
Cossette, H. H.	St. Narcisse de Champlain	40	Langevin, Jean	Coteau du Lac	50
Coté, Rosaline	Isle Verte	50	Langevin, Johnny	Roberval	60
Coupld, Joseph	Brébeuf	24	Lapierre, Joseph	St. Samuel	20
Daucause, A. L.	St. Pasenl.	20	Laplante, Alphonse	Dessaint Sta.	110
Davidson, Thos.	Millfield	20	Lapointe, Louis	Hébertville	200
De Charette & Frère	Charette	40	Laroche, P. A.	Maple Grove	-
Delaburre, Henri	St. Ours	25	Larouche, J. B.	Baie St. Paul	32
Denison, W. S.	Denison's Mills	96	Lauzier, Alph.	Val Brillant	40
Drouin, P. & J.	Le Précieux Sang	10	Lavoie, Xavier	Bic	150
Desjardins, Aleide	St. Ligouri	50	Lebel, Georges	St. Octave	50
Desmarais, D.	St. Bonaventure D'Upton	80	Lebel, Ovide	St. Epiphanie Viger	100
Dominion Flour Mills Ltd.	Montreal	7,000	Leboeuf, Delphice	Co. Nicolet	-
Doucet, Alphonse	St. Maurice	200	Leclerc, Ed.	St. Roch L'Achigan	15
Doucet, Ovila	St. Cuthbert	25	Légaré, Magloire	St. Eustache	20
Dubé, Jos.	St. Martin	25	Legendre, J. Alph.	Stornoway	40
Dubeau, Urgel	St. Jean de Mathe	50	Levesque, Dame Jules	St. Paeome	40

## QUEBEC—Con.

## FLOUR MILLS—Con.

Name	Address	Capacity	Name	Address	Capacity
		Bbls. per day			Bbls. per day
Marchand, Ernest.....	St. Etienne des Grés.....	25	Pritchard, Andrew.....	Kazubazua.....	50
Marchand, Théotime.....	Ste. Généviève de Batis- can.....	45	Quyon Mfg. Co.....	Quyon.....	50
Massé, J. Honoré.....	Chemin Taché, St. Hubert.....	50	Racine, Edouard.....	St. Evariste.....	20
Massé, Wilfrid.....	Ste. Epiphanie.....	12	Reid, J. B. & Co.....	Rapide de l'Orignal.....	48
Maurice, Arthur.....	St. Valérien.....	102	Renaud, H.....	Malmaison.....	25
McCall, Adélard.....	Chute Lairn.....	22	Reny, Johnny.....	Quatre Chemins.....	20
McDonald & Robb.....	Valleyfield.....	150	Rheault, Ernest.....	St. Grégoire.....	15
McLaren, Alex.....	Wakefield.....	200	Richard, François.....	St. Gervais (Co. Belle- chasse).....	13
Ménard, L. J. A.....	St. Michel des Saints.....	30	Rider, F. H.....	Fitch Bay.....	20
Michaud, Achille.....	Notre Dame du Lac.....	40	Rigaud, Mfg. Co.....	Rigaud.....	125
Michaud, François.....	St. Alexandre de Kam.....	10	Ringette, Philippe.....	Wotton R.R. 3.....	70
Minoteries Électriques de Metabetchouan.....	Metabetchouan.....	20	Rioux, Jos. M. & Ed.....	Trois Pistoles.....	20
Nadeau, Honoré.....	St. Elzéar de Beauce.....	50	Rivard, Ludger.....	Ste. Félicité.....	20
Nadeau, J. P.....	St. Omer.....	12	Rivard, L. & Fils.....	Petite Matane.....	50
Noel, David.....	Chicoutimi.....	25	Rochedfort, Wilfrid.....	St. Chrysostome.....	75
Noel, Philias.....	Ste. Hénédine.....	26	Rouillard, Paul.....	St. Philémon.....	20
Ogilvie Flour Mills Co., Ltd.....	Montreal.....	9,400	Roy, Adélard.....	St. Arsène.....	25
Otis, Alfred.....	Ste. Flavie.....	22	Roy, Jos. Z.....	Sandy Bay.....	20
Ouellet, Auguste.....	St. Eugène, Bureau La- françee.....	22	Roy, Stanislas.....	St. Arsène.....	45
Ouellet & Belzil.....	St. Fabien.....	80	Ruel, Ed.....	St. Romain.....	20
Ouellet, Louis.....	St. Anaclet.....	40	Savoie, Nap.....	St. Barthélémi.....	20
Ouellet, Thomas.....	Ste. Hélène.....	15	Scott, Wm. Co. Ltd.....	Deschenes.....	325
Papineauville Lbr. Co., Ltd.....	Papineauville.....	25	Shawville Mfg. Co.....	Shawville.....	75
Papineauville Elec. Co., Ltd.....	Ripon.....	20	Sheehan, Geo. J.....	Brèche à Manon.....	20
Paradis, J. B.....	Grandes Capereins.....	20	Soucy, Wilfrid P.....	Old Lake Road.....	25
Paradis, Joseph.....	St. André Restigouche.....	-	St. André, Lorie.....	St. Roch l'Achigan.....	35
Parent, Achille.....	St. Célestin.....	20	St. Fortunat Côté Mills.....	Côté Mills.....	40
Perreault, Conrad.....	Upton.....	250	St. Laurent, Felix.....	Les Boules.....	80
Phoenix & Berger.....	Village des Aulnaies.....	10	St. Lawrence Flour Mills Co., Ltd.....	Montreal.....	3,000
Picard, Alfred, Dme. Vve.....	N. D. du Lac.....	10	St. Louis, Jos.....	Ste. Ursule.....	30
Picard, Jean.....	St. Basile.....	20	Tetu, Ludger.....	Rivière aux Chiens.....	90
Piché, Francois.....	Upton.....	10	Therberge, W.....	St. Moise.....	20
Piché, J. W.....	East Broughton.....	17	Thibault, Calixte.....	L'Islet Station.....	12
Plante, Ernest.....	Larochele.....	8	Thomas & Day.....	Bonaventure Est.....	8
Poirier, Geo.....	St. Félix de Valois.....	15	Thomson, John.....	Grand Cacapedia.....	135
Poirier, Geo.....			Tobin, Napoléon.....	Thetford Mines.....	11
			Trepanian, Emile.....	St. Prosper.....	20
			Tremblay, Wm.....	L'Anse St. Jean.....	-
			Turcotte, J. Eudore.....	West Broughton.....	20
			Turcotte, Ed. & Louis.....	Bic.....	25
			Vaillancourt & Caouette.....	Plessisville.....	50

## GRIST MILLS

Arseneault, I. B.....	St. Valère de Bulstrode.....	-	Boright, W. H. & Son.....	Mansonyville.....
Arseneault, Ubalde.....	St. Wenceslas.....	-	Bouéhard, F. X.....	St. Vallier Station.....
Audet, Jos.....	St. Gédéon Station.....	-	Boucher, C. Eug.....	St. Paul de la Croix.....
Ayer, Fred A.....	Frelighsburg.....	-	Boucher, Wilfrid.....	St. Barnabé Nord.....
Baldwin, P. A.....	Stanstead.....	-	Bouffard, Joseph.....	St. Léon Standon.....
Baron, W. A. & Comeau Eug.....	St. George de Windsor.....	-	Bourassa, Honore.....	St. Thomas de Caxton.....
Barrette, Albert.....	Chateauguay.....	-	Bourgeois, Eugène.....	Petit Moulin.....
Beaudet, Zotiique.....	St. Scholastique.....	-	Bourque, Madame.....	Trois Rivières.....
Beaudoin, Wilfrid.....	Lake Etchemin.....	-	Boatin, Pierre.....	L'Enfant Jésus.....
Beausoleil, Paul.....	St. Félix de Valois.....	-	Boyer, Jos.....	St. Louis de Gonzague.....
Bédard, Donat.....	Notre Dame de la Paix.....	-	Breton, Thos.....	St. Benoit Labre.....
Bélanger, S.....	St. Damase.....	-	Camirand Bros.....	Lisgar.....
Beliveau, Alph.....	St. Célestin.....	-	Carette, Irénée.....	St. Adolphe de Dudswell.....
Beliveau, Gedéon.....	Danville.....	-	Caron & Camilard.....	St. Eugène Lafrance.....
Bellevance, Esdras.....	Lake Etchemin.....	-	Custonguay, Chas.....	St. Paul de la Croix.....
Benoit, Art.....	Roxton Falls.....	-	Cuya, Alfred.....	La Baie.....
Benoit, Joseph.....	St. Pie.....	-	Chabot, Cyprien.....	Ste. Madeleine.....
Bergeron, Alfred.....	Louisville.....	-	Chalifoux, Nap.....	Ste. Scholastique.....
Bergeron, Jos.....	St. Antoine de Lotbi- nière.....	-	Charbonneau, C.....	St. Guillaume d'Upton.....
Bergeron, L. M.....	St. Valère de Bulstrode.....	-	Charbonneau, Donat.....	Lavoie.....
Bergeron, Omer.....	Ste. Clothilde.....	-	Charland, Nérée.....	St. Majorie.....
Berthiaume, J. D.....	Farnham.....	-	Chartier, J. E. Fils.....	St. Léonard D'Aston.....
Bertrand, H. & Ovide.....	Dalhousie Mills Sta.....	-	Chartrand, Johnny.....	St. Lazare de Vaudreuil.....
Blain, Antoine.....	St. Marc.....	-	Chénard, J. D.....	Berthierville.....
Blais, Edmond.....	St. Camille de Belle- chasse.....	-	Chicoine, G. A.....	St. Alexis des Monts.....
Blais, Jos.....	Quebec City.....	-	Chicoine, O.....	St. Marc, Verchères Co.....
Blanchette, Roderique.....	Roxton Falls.....	-	Clouatre, Arthur.....	St. Valentin.....
Boisjoly, Jos. Ed.....	Lanoraie.....	-	Constantin, Théophile.....	St. Hermas.....
Boissonault, Jos.....	St. Jean d'Orléans.....	-	Corbeil, Uldorie.....	St. Henri de Mascouche.....
Boisvert, Urbain.....	Danby.....	-	Cormier, Henri.....	Bécancour.....
Bolduc, J. H. & T. Co.....	Roberval.....	-	Cornell, M. S.....	Stanbridge East.....
Bonin, Anthime.....	Berthier en Haut.....	-	Corriveau, George.....	St. Bazile (Co. Portneuf).....
		-	Corriveau, Isidore.....	St. Lazare Village.....
		-	Côté, Adélard.....	Pierreville.....
		-	Côté, Donat.....	St. Fortunat.....

## QUEBEC—Con.

## GRIST MILLS—Con.

Name	Address	Capacity	Name	Address	Capacity
		Bbls. per day			Bbls. per day
Côté, Euclide.....	Ste. Adèle.....	-	Lacasse, Wilfrid.....	St. Alphonse de Granby	-
Cousineau, Geo. T.....	Valecourt.....	-	Laflamme, Auguste.....	Arthurville.....	-
Coutu, Fernando.....	St. Donat.....	-	Lailamme, J. H.....	L'Anse à Fougère.....	-
Couture, Didace.....	Ste. Claire.....	-	Lafortune, Edmond.....	L'Epiphanie.....	-
Crawford, Jas.....	Howick.....	-	Lafrance, Adolphe.....	Bureau Trottier.....	-
Croteau, Albert.....	Stenson.....	-	Lafrance, F.....	Ste. Cécile de Levraud.....	-
Crothier, Amédée.....	N. D. de Ham.....	5	Lafrance, F. X.....	St. Louis de Gonzague	-
Danseroux, A.....	Lavallée.....	5	Lajoie, Henri.....	St. Léon.....	-
Davis, M. E.....	Arundel.....	-	Laliberte, Jean.....	St. Camille de Belle-chasse.....	-
Davies, S. J.....	Bury.....	-	Landry, Ed.....	Kingsey Falls.....	-
Denomme, J. B.....	St. Damien de Brandon	-	Langelier, Louis.....	St. Jean.....	-
Dessaulniers, A. L.....	Yamachiche.....	-	Lamy, Ovila.....	St. Paulin.....	-
Deshambault, F.....	Notre Dame de la Paix	-	Lapierre, Jos.....	St. Norbert d'Arthabaska.....	-
Desrochers, F.....	Ville Marie.....	-	Laplante, J. N. & Cie.....	29 rue Laframboise, St. Hyacinthe.....	-
Desrosiers, P. E.....	St. Aimé.....	-	Lapointe, Alf.....	St. Magloire (Co. Bellechasse).....	-
Dion, Albert.....	St. Nicholas Station.....	-	Laroche, Jos.....	St. Jean Chrysostome.....	-
Doucet, Homère.....	Ste. Elizabeth.....	-	Leblanc, J. Adolphe.....	Ferme Neuve.....	-
Drolet, Arthur.....	Ste. Catherine.....	-	Leblanc, J. A.....	Nicolet.....	-
Drouin, Fortunat.....	Leeds (Co. Megantic).....	-	Leboeuf, Arthur.....	Gentilly.....	-
Drouin, J. O.....	St. Jérôme.....	-	Leclerc, Camille.....	St. Gabriel.....	5
Drouin, Philias.....	Ste. Agathe de Lotbinière.....	-	Ledue, A.....	Mansonville.....	-
Dubois, Jerry.....	Choshan.....	-	Lefebvre, Jules & Fils.....	120 rue Champlain, St. Jean.....	-
Dubois, Joseph.....	St. Nicolas.....	-	Lefebvre, & Lefebvre.....	Laprairie.....	-
Dubreuil, T. B.....	St. Dominique.....	-	Légaré, Émile.....	St. Eustache.....	-
Ducharme, T. V. S.....	Richelieu.....	-	Legros, Samuel, Jr.....	Ste. Cécile de Maskinongé.....	-
Dufresne & Beauchamp	Ste. Rose de Lima.....	-	Lemay, Isaac.....	Ste. Croix.....	-
Duffy, J. E.....	Gould.....	-	Lemyre, Eugène.....	Yamachiche.....	-
Duhamel, Nap.....	Ste. Théodosie.....	-	Lessard, Arthur.....	Ste. Ursule.....	-
Dupont, Jos.....	St. Damase.....	-	Lessard, Philippe.....	St. Joseph Benoît.....	-
Dupuis, Ovila.....	St. Barthélémy.....	-	Levac, Elie.....	Rivière Beaudette.....	-
Durault, Aleide.....	St. Camille.....	-	Lord, A. & W.....	St. Jacques.....	-
Duval, Jean.....	Ste. Rosalie.....	-	Lord, G.....	Montcalm.....	-
Duval, W.....	St. Victor Station.....	-	Lapien, E.....	Ouest Wickham.....	-
Elder, Geo.....	Athelstan.....	-	Lynch, J. E.....	L'Epiphanie.....	-
Farley, W. J. E.....	Warden.....	-	Magaan, Aristide.....	Berthierville.....	-
Ferland, Herménégilde	Issoudun.....	-	Malheux, Evangéliste.....	St. Frédéric.....	5
Filion, F.....	St. Sauveur.....	-	Mailhot, Ludger.....	Ste. Sophie de Levraud.....	-
Filion, W.....	St. Jérôme.....	-	Miranda, Henri.....	St. Isidore.....	-
Fontaine, Emery.....	Rock Forest.....	-	Marcotte, Adolphe.....	Grand St. Esprit.....	-
Fortier, Jos.....	St. Evariste Station.....	-	Marcotte, Jos.....	St. Raymond.....	-
Fortin, Albert.....	St. Léonard.....	-	Marsolais, Mde.....	L'Assumption.....	-
Fortin, A. J. & Frère.	St. Henri Village.....	-	Martel, Jos.....	Rivière du Moulin.....	-
Fournier, Arthur.....	Ste. Ursule.....	-	Martin, Pierre.....	St. Félicien.....	-
Préchette, Philibert.....	La Baie.....	-	Masson Mine, Succession de.....	13 rue St. Jacques, Montreal.....	-
Friméeau, E.....	Montmagny.....	-	Mathé, Henri.....	Bedford.....	-
Gagnon, F. X.....	St. Justin.....	-	McArthur, P. & Sons.....	Dewittville.....	-
Gagnon, Georges.....	L'Anse à la Barbe.....	-	McDermid, Archie G.....	Silver Creek, Buckingham, P.Q.....	-
Gagnon, J. H. & Frère.	Freighsburg.....	6	Melanson, Epiphane.....	St. Guillaume.....	-
Gagnon, Louis.....	Rivière des Roches.....	-	Merceier, Alcide.....	Ste. Anastasie.....	-
Gagnon, Nap.....	St. François.....	-	Messier, Hormidas.....	La Présentation.....	-
Garcneau, Thos. Fils.....	Pointe du Lac.....	-	Mile End Mfg. Co. Ltd.....	Montréal.....	-
Garnneau, Gédion.....	St. Apollinaire.....	-	Morency, Norbert.....	St. Tite des Caps.....	-
Garvin, Willie.....	Bourg Louis.....	-	Morin, Adalbert.....	St. Anselme.....	-
Gibeau, Victor.....	St. Antoine l'Abbé.....	-	Morin, Léandre.....	St. Pie.....	-
Gingras, N.....	Ste. Cécile de Milton.....	-	Moncaster, Geo. K.....	Johnville.....	-
Gingras, Mde. Vve. Pierrot.....	Neuville.....	-	Ndeneau, Jos.....	St. Jean l'Evangéliste Beauharnois.....	-
Giroux, Félix.....	Ste. Lucie de Doncaster	-	Nareau, Wilfrid.....	Normandin.....	-
Gosselin, Eusèbe.....	St. Laurent d'Orléans.....	-	Noil, T. J.....	Neuville.....	-
Gosselin, Fridolin.....	St. Victor de Tring.....	-	Noreau, Mde. Philias.....	St. Agapit.....	-
Gosselin, Jos.....	Ruisseau à l'Eau Chaude	-	Normand, Philias.....	St. Lambert de Lévis.....	-
Gosselin, Moïse.....	Contrecoeur.....	-	Oliver, Mde. Leda.....	Little Metis Beach.....	-
Gousy, R. T.....	Mawcock.....	-	Gourde.....	Acton Vale.....	-
Graham, Bros.....	Brownsbury.....	-	Otis, Pierre.....	Vauban.....	-
Grenier, Alfred.....	St. Elzéar de Beauce.....	-	Paradis, Nap.....	St. Isidore.....	-
Grenier, Wilfrid.....	St. Barnabé Nord.....	-	Paradis, Rosario.....	Dixville.....	-
Guetrotte, Jos.....	Rivière Joseph.....	5	Parent, Damasse.....	St. Paulophile.....	-
Guigueré, Odilon.....	St. Joseph de Beauce.....	-	Parker, J. B. & Son.....	South Durham.....	-
Gulbeault, Zéphirin.....	St. Augustin.....	5	Pelletier, Jos.....	Précieux Sang.....	-
Hamel, Alphonse.....	St. Ephrem.....	-	Peloquin, Noël.....	Ste. Felicie.....	-
Hammond, L. W.....	Lachute, R. R. 3.....	-	Perreault, Origène.....	St. Denis.....	-
Hardis, Théophylax.....	St. Gilbert.....	-	Phaneuf, Alphonse.....	Abenakis.....	-
Higginson, G. E.....	Calumet.....	-	Plante, Adolphe.....	St. Mathacie.....	-
Hill & Rogers.....	Bulwer.....	-	Plante, Jos.....	St. Pierre, Isle D'Orléans.....	-
Houle, Hormidas.....	St. Ours, R. R. 1.....	-	Plante, Jos.....	-	-
Hubert, Euclide.....	Beloeil.....	-			-
Hudon, Alfred.....	St. Philippe de Néri.....	-			-
Hyde, Chas. A.....	St. Andrews East.....	-			-
Hyndman Grain Co.....	200 King St., Sherbrooke	-			-
Johnstone, W. S.....	Bell Falls, Calumet, R.R. 1.....	-			-
Jourdain, François.....	St. George de Windsor.....	-			-
Labino, Alcide.....	St. Côme (Co. Joliette).....	-			-

## QUEBEC—Con.

## GRIST MILLS—Con.

Name	Location	Capacity Bbls. per day	Name	Location	Capacity Bbls. per day	
Polquin, Albert.....	Gentilly.....	-	St. Germain, Jas.....	St. Antoine.....	-	
Pomerlaw, Chas.....	Ste. Hénédine.....	-	St. Germain, Lévis.....	St. Liboire.....	-	
Poulin, Alfred.....	Ste. Famille.....	-	St. Laurent, Dame Vve.			
Poulin, Wilfrid.....	Beaumont.....	-	H.....	Isle Verte.....	-	
Pouliot, Wilfrid.....	Warwick, R.R. 2.....	-	Sweet, Nelson.....	Abercorn.....	-	
Proteau, Alfred.....	St. Sébastien.....	-	Sylvester, Urgel.....	St. Cuthbert.....	-	
Provost, Jules.....	St. Emile de Montcalm.....	-	Taylor, R. A.....	Birchton.....	-	
Racine, Albéric.....	St. Simon.....	-	Théoret, Alex.....	St. Timothée.....	-	
Ralston, J. T.....	Sutton.....	-	Thibault, Ludger.....	St. Simon.....	-	
Reid, J. B.....	North Hatley.....	-	Thibault, Pierre.....	St. Robert.....	-	
Reinhardt, Jos.....	158 rue Notre Dame, Hull.....	-	Tougas, Adrien.....	Ste. Adèle.....	-	
Richard, Alcide.....	St. Ligouri.....	-	Tougas, L. A.....	Henriville.....	-	
Rivard, Onésime.....	St. L'Gon.....	-	Tremblay, Edmond.....	Eboulements.....	-	
Rivard, Jos.....	St. Didace.....	-	Tremblay, Geo.....	Bagotville.....	-	
Robert, Tressé.....	Brighton.....	-	Trudel, Johnny.....	Bulstrode Station.....	-	
Roy, Ferdinand.....	Abenakis.....	-	Vendette, Jos.....	Ste. Thérèse.....	-	
Roy, Victor.....	St. Jude.....	-	Vézina, Ovila.....	St. Esprit.....	-	
Sénéchal, Alfred.....	Christieville.....	-	Walsh, J. B.....	Orinstown.....	-	
Simard, Louis.....	St. Raphael Est. (Co. Bellechasse).....	-	Watkins, W. J.....	St. Germain de Grant- ham.....	-	
St. André, Ed.....	St. Roch L'Achigan.....	-	Williamson & Crombie.....	Kingsbury.....	-	
				Woodside, John N.....	Waterville.....	-

## ONTARIO.

## FLOUR MILLS

Acton, E. B.....	Smithville.....	75	Clyde Milling Co.....	Lanark.....	50
Aitken Mfg. Co. Ltd.....	Beeton.....	100	Coles, Wm. R.....	Hespeler.....	100
Allan, W. T.....	Bonarlaw.....	50	The Collingwood Mfg. Co.....	Collingwood.....	150
Alvinston Mfg. Co.....	Alvinston.....	80	Cone, Fred C.....	Combermere.....	50
Apps Co., The Wm.....	Brantford.....	50	Cooper, R. B. Estate.....	Belleville.....	50
Arnprior F. Mills (D. Craig & Sons).....	Arnprior.....	-	Copeland F. Mills Ltd.....	Midland.....	1,200
Arva F. Mills (C. W. Scott).....	London.....	75	Copeland Mfg. Co.....	Elinvale.....	100
Baekus, J. C.....	Port Rowan.....	60	Copeland & Ziegler.....	Salem.....	40
Baldwin, W. J.....	Aurora.....	125	Cornell, E. T.....	Lin Valley.....	25
Ball, F. W.....	Baltimore.....	50	Coupal, J. N.....	Casselman.....	70
Ball, John.....	Lynn Valley.....	-	Coupal, J. N.....	Plantagenet Springs.....	60
Bay & Wood.....	Killaloe.....	-	Courtneage, L. C.....	Wilsonville R.R. 1.....	-
Beach Flour and Feed Mills.....	Iroquois.....	75	Courtney, W. L & Sons.....	Tottenham.....	50
Bell, Geo. P.....	Erin.....	75	Cox, W. T.....	Warkworth.....	-
Bell, Richard.....	Utopia.....	50	Crane Bros.....	Niagara Falls.....	35
Birge, Chas. A. & W. J.....	Rockwood, R.R. 3.....	40	Crediton Mfg. Co.....	Crediton.....	75
Birrell, Thos. & Son.....	Pinkerton.....	50	Cullen, James & Son.....	Woodstock.....	275
Black, Robert & Son.....	Wroxeter.....	24	Cummings, Gordon C.....	Lyn.....	125
Black, Jimieson & Son.....	St. Catharines.....	100	Dalgleish & Bernhardt.....	Streetsville.....	100
Blight, A. S.....	Jarvis.....	75	Dawson, Robert B.....	Warkworth.....	50
Bloomfield Mfg. Co-op. Co. Ltd.....	Bloomfield.....	25	Dedrick, A. J. C.....	Port Rowan.....	20
Borland, Jas.....	Innerkip.....	50	Delyea, R. F.....	Bancroft.....	50
Brackenbridge, M. & Son.....	Westwood.....	25	Dexter, Thos. & Son.....	London.....	250
Brampton Mfg. Co.....	Brampton.....	240	Dike Bros.....	Mount Albert.....	24
Brechin Milling Co. .The.....	Brechin.....	50	Dike, John A.....	Uxbridge.....	40
Brocklebank, D.....	Arthur.....	-	Dominion F. Mills, Ltd.....	St. George.....	-
Brown, H. & Sons.....	Carleton Place.....	85	Dominion F. Mills, Ltd.....	Brantford.....	1,200
Brown, R. C.....	Burketon.....	-	Dominion F. Mills, Ltd.....	Hamilton.....	250
Bruce Bros.....	Unionville.....	25	Donaldson, S. S.....	Strathroy.....	100
Burgess Mfg. Co. Ltd. .The.....	Perth.....	50	Dresden F. Mills, Ltd.....	Dresden.....	100
Burns, J. T.....	Manitowaning.....	50	Duncombe Bros.....	Waterford.....	100
The Caledonia Mfg. Co. Ltd.....	Caledonia.....	100	Dunlop, Jas. Co., Ltd.....	Hamilton.....	-
Campbell & McNab.....	Douglas.....	200	Elgin-Middlesex Farm- ers Ltd.....	Belmont.....	25
Campbell, W. J., Ltd.....	Norval.....	-	Elliott, T. J.....	Williamsford.....	25
The Campbell Flour Mills Co. Ltd.....	Pickering.....	350	Empire F. Mills, Ltd.....	St. Thomas.....	750
The Campbell Flour Mills Co. Ltd.....	West Toronto.....	2,200	Eserig, Jas.....	Painswick.....	-
Canada Flour Mills Co. Ltd.....	Chatham.....	625	Ewing, C.....	Singhampton.....	-
Curadoc Farmers Co-op. Co. Ltd.....	Mt. Brydges.....	-	Faber, Henry B.....	Wellesley.....	150
Cargill Ltd.....	Cargill.....	75	Farmers Union Mfg. Co. Ltd.....	Port Perry.....	80
Chalmers Mfg. Co.....	Toronto.....	-	Fenelon Falls Mfg. Co. Ltd.....	Fenelon Falls.....	50
Cherry, S. J. & Sons.....	Preston.....	220	Finley-Woods Mfg. Co. Ltd.....	Lindsay.....	100
Chisholm Mfg. Co.....	Toronto.....	175	Fischer Flour Mills.....	Pembroke.....	50
Clutton, Samuel S.....	Vienna.....	20	Fisher Flour Mills, Ltd.....	Barrie.....	100
			Gingrich, A. S.....	Elinira.....	100
			Glengarry Mill, Ltd.....	Alexandria.....	100
			Glenora Mfg. Co., The Goldie, Jas., Co., Ltd., The.....	Glenora.....	75
			Graves, W. H.....	Guelph.....	700
			Graves, G. A.....	Napunee.....	3
			Graves, G. A.....	Otterville.....	75

## ONTARIO—Con.

## FLOUR MILLS—Con.

Name	Location	Capacity	Name	Location	Capacity
		Bbls. per day			Bbls. per day
Green, F. L.	Greenwood	75	Mills & Weeks	Eganville	75
Green, N. J. H.	Vanessa R. R. 2	40	Milton Flour Mills	Milton	96
Haines, P. & Son	Clarksburg	100	Mittelholz & Co.	Walkerton	75
Haldiman Mfg. and Supply Co. Ltd.	Hagersville	75	Morden, T. M.	Greenville	—
Hannmett, G. S.	Mount Albert	—	Morris, J. A.	Dorchester Sta.	30
Hamilton, A.	Embro	50	Muir, Edward & Son	Canton	100
Hamilton Bros.	Glen Huron	—	Mullin, Thos. F.	Chepstow	12
Harris, G. M. & Co.	Springfield	50	Nelson, Wilfrid J.	Alliston R.R. 1	40
Harrison Bros.	Owen Sound	40	Newell, Wm.	Flesherton	24
Harvey, J. H.	Lyndhurst	70	The New Hamburg	New Hamburg	500
Harvey Bros.	Exeter	150	Flour Mills, Ltd.	Simcoe	90
Hawken Mfg. Co. Ltd., The	Wallaceburg	100	Norris, Wm.	Ridgeville R.R. 1	25
Hay, Wm. & Co.	Ailsa Craig	100	The Ogilvie Flour Mills Co. Ltd.	Fort William	3,000
Hayne Milling Co.	Brigden	20	Osprey Farmers' Mfg. Co. Ltd.	Faversham	50
Herron, J. & J.	Herron's Mills	—	Owen, E.	Richard's Landing	—
Heslop, J. R.	Port Robinson	100	Pakenham, C. E. & Son	Norwood	75
Highgate Mfg. Co. Ltd.	Highgate	75	Parker, Geo.	Alliston	100
Hilborn, Amos	New Dundee	100	Peers, J. E.	Udora	40
Hilborn, J.	Blair	115	Pembroke Mfg. Co.	Pembroke	150
Hilborn & Leslie	Blyth	50	Perth Roller Mills (W. J. Patterson)	Perth	35
Hoard, Wm. P.	Emo	40	Peterborough Cereal Co. Ltd.	Campbellford	200
Hodges, W. F.	Woodstock R.R. 4	125	Peterborough Cereal Co. Ltd.	Peterborough	1,200
Hogg, Geo. & Sons	Thamesford	100	The Petrolia Flour Mills	Petrolia	50
Hollingshead, W. H.	Dutton	50	Pfeffer Mfg. Co. Ltd.	Denbigh	36
Horn, Chas.	Hampton	50	Pfriimer, E. T.	Milverton	150
Hortop, W. H.	Everton	40	Phoenix, S. T.	Goderich	—
Howard Farmers' Co-op. Soc. Ltd.	Ridgeway	—	Pitts, E. & Son	Shelburne	50
Howson & Howson	Vingham	120	Plewes, S.	Paris	50
Hunt Bros. Ltd.	London	1,200	Pratt, A. & Son	Smithfield	24
Hunt, J. M.	Embro	50	Purdy, W. W., Estate	Cobourg	—
Hutton, John	Londesborough	100	Quaker Oats Co. The.	Custleton	426
Inglis, Wm. A. & Sons, Interprovincial F. Mills, Ltd.	Owen Sound	60	Royal Milling Co.	Peterborough	1,200
Ivey & Co.	Renfrew	400	Reckin, C. & Son	Delhi	100
Keller & Heiden	Port Dover	75	Reid, D. W. & Son	Wiarton	75
Kellerman, Jacob	Stratford	50	Rendfrew Flour Mills Ltd.	Streetsville	100
Kerr, Norman J.	Dashwood	25	Ricker & Schwarze	Renfrew	400
The Kerr Mfg. Co. Ltd.	Varney	200	Ridgeway Milling Co. Ltd.	Commanda	10
King, J. O.	Dundas	25	Ridgeway	Ridgeway	100
King Milling Co. Ltd.	Union	125	Robinson, F. H.	Cookstown	50
Kingston Milling Co. Ltd.	Sarnia	100	Rob Roy Mills, Ltd.	Seaforth	225
Knowles, Walter C.	Kingston	40	Rock, John	Tillsonburg	40
Lake of the Woods Mfg. Co. Ltd.	New Lowell	11,500	Ronson & Foster	Corinth	40
Laking, A. G.	Keewatin	50	Rowe, Wm. H.	Orono	50
Lambert, G. M.	Freelton R.R. 3	75	Royal Milling Co.	Chesley	120
Leary, Joseph	Oil Springs	75	Rumble, John C.	Hillsdale	50
Lever, W. H.	Whitevale	—	Rutherford Milling Co.	Blenheim	250
Lewis, Jas. & Sons	Eglington R.R. 1	25	Schoenhals, John	Clinton	—
Little, Adam	Shequindah	75	Schwandt & Eekle	Fordwich	60
Lowick, A. J. & Son	Teeswater	36	Shaver, Geo. E.	Winchester	180
Lucan Mfg. Co. Ltd.	Sutton West	100	Shirk, Lehman	German Mills	50
Lukes, Samuel	Lucan	100	Shirk & Snider, Ltd.	Bridgeport, H.O.	125
Mc Cahill, Neil & Co.	Bradford	200	Shirk & Snider, Ltd.	Baden	100
McClellan & Shanemnn	Forest	125	The Shirra Mfg. Co. Ltd.	Caledonia	100
McDonald, Gordon	Gananoque	—	Shirreffs, John	Rockland	50
McFall, Arthur A.	Essex	50	Simpson, Isaac E.	Merlin	50
McGowan, John	Bolton	100	Smith, A. Sydney	Port Sydney	25
McIntyre, P. D.	Durham	75	Smith Bros.	Clifford	75
Mc Kague, Bros.	Apple Hill	40	Snider Flour Mfg. Co. Ltd.	Conestogo	100
McLean, John	Teeswater	50	The Wm. Snider Mfg. Co. Ltd.	Waterloo	160
Mue Kinnon, N. D.	Palgrave	—	Squair, Louis J.	Lang	45
Maguire, Benjamin J.	Cannington	50	Stark, Jas.	Paisley	75
Maple Leaf Mfg. Co. Ltd.	Gorrie	50	Stephenson, Wm. G.	Onmemee	35
Maple Leaf Mfg. Co. Ltd.	Kenora	3,300	Stoner, E. H.	Arkona	100
Maple Leaf Mfg. Co. Ltd.	Peterborough	800	Storry, John N.	Washago	50
Maple Leaf Mfg. Co. Ltd.	Port Colborne	14,000	Strathroy Flour Mills, Ltd.	Strathroy	175
Maple Leaf Mfg. Co. Ltd.	Thorold	350	Sturgeon Falls Mfg. Co. Ltd.	Sturgeon Falls	50
Markham Mfg. Co.	Markham	50	Syr, T. M. & Son	Thamesville	100
Marsh, Thos. & Sons	Arkona	20	Sylvester, W. C. & Sons	Vankleek Hill	75
Martin, T. N.	Glenora	75	The T. H. Taylor Co. Ltd.	Chatham	650
Master, Irvine	Kitchener	100	Thompson, D. C.	Orillia	150
May, Samuel J.	Forester's Falls	45	Thompson, Robert A.	Lynden	100
Mayhew, H. E.	Trenton	—			
Metzer, Jacob	Neustadt	60			
Mikel Bros.	Frankford	—			

## ONTARIO—Con.

## FLOUR MILLS—Con.

Name	Location	Capacity Bbls. per day	Name	Location	Capacity Bbls. per day
Tilbury Flour Mills.....	Tilbury.....	—	Werner, Myron.....	Fisherville.....	30
Tolmie & Co.....	Rodney.....	50	West Elgin Mfg. and Produce Co. Ltd.....	West Lorne.....	75
Toronto Mfg. Co. Ltd.....	Streetsville.....	700	Western Canada Flour Mills Co. Ltd.....	Goderich (H.O. Toronto).....	2,500
Townsend, Josiah.....	Cheltenham.....	75	White, Edward R.....	St. Thomas R.R. 2.....	60
Treacleaven, W. E.....	Lucknow.....	100	White, Alex. E. & Co.....	Beaverton.....	—
Tuck, E. C.....	Burlington.....	40	White, A. E.....	Thorndale.....	100
Tuer, B. E.....	Alliston.....	40	Wigle, Colin & Sons.....	Annerstburg.....	100
Tweed Milling Co.....	Tweed.....	—	Williams, J. A. & Co.....	Zurich.....	100
Vanstone, F. C.....	Bowmanville.....	100	Willson, O. E.....	Dunville.....	—
Vick, Geo. & Sons.....	Orillia.....	100	Wilson, Chas.....	Brooklin.....	25
Walcock, Samuel.....	Kettleby.....	30	Wilson, John.....	Massey.....	24
Walkerton Flour Mills.....	Walkerton.....	—	Wolverton Milling Co.....	Wolverton.....	200
Wallace Bros.....	Woodbridge.....	75	The Wood Flour Mills.....	Ingersoll.....	200
Wark Milling Co.....	Wyoming.....	45	Wyld, C.....	Ripley.....	30
Washburn Flour Mills.....	Washburn.....	—	The Wylie Milling Co.....	Almonte.....	155
Watson, J. S.....	Tillsonburg.....	25			
Wenger Milling Co.....	Ayton.....	100			

## GRIST MILLS

Airhart & Hickey.....	Marmora.....	Charleton, W. J.....	Lakefield.....
Anglin, Frank.....	Brewer's Mills.....	Chisholm, J. M.....	Roslin.....
Annis, A. W.....	Maple.....	Coker, John.....	Armstrong's Mills (R.R. 4, Guelph).....
Armstrong, Mrs. E. J.....	Moorefield.....	Cook, Geo. E.....	Belgrave.....
Arrand, Oliver.....	Coldstream.....	Cooper, H. Y.....	Bloomfield.....
Artley, Wilbert N.....	Rocklyn.....	Cooper, R. I.....	Brighton (Cobourg) Box 34.....
Ashbury & Son, T. H.....	Oakville.....	Corlett & Cornell.....	Norwich.....
Atkinson, G. D. & Sons.....	Cornwall.....	Cossar, Wm.....	Hagersville R.R. 3.....
Attwooll, H. M.....	Millbrook.....	Cox, Fred.....	Frankford.....
Badger & Hutchinson.....	Redwing.....	Craig, J. H.....	Napanee.....
Baker, Alex.....	Pendleton.....	Creswell, Chas. Wm.....	Martintown.....
Baker, Jas. R. & Sons.....	Grand Valley.....	Crowder, Henry.....	Oxford Mills.....
Ball, Percy.....	Cavan.....	Cummings, W. R.....	Cummings' Bridge.....
Balls, F. W.....	Battersea.....	Cyr, Wm.....	255 Montreal Road.....
Barden, James.....	Eden Valley.....	Cyster, Albert.....	Strathburn.....
Barnard, J. F. & Sons.....	Spencerville.....	Dargavel, J. R.....	Elgin.....
Barrie, S.....	Chesterville.....	Davis, John H.....	Cedar Valley.....
Bayles, John.....	Claremont.....	Dawson, A.....	Chesley.....
Beachville Feed and Supply Co.....	Beachville.....	Day, Thomas G.....	Moose Creek.....
Beam, Chester.....	Stevensville.....	Dedels, Estate of J. H.....	Breslau.....
Beattie, James W.....	Tara.....	Denison, Breeze & Co.....	Newburgh.....
Bell, Alex.....	Cataract.....	Dennis, A.....	Queensville.....
Bellamy, Geo. C.....	Toledo.....	Dennis, L. A.....	Camilaie.....
Bennett, Spencer.....	Campbellville.....	Dickinson, Geo. L.....	Manotick.....
Best, Thomas & Son.....	Ida, R. R. 2.....	Dickson, David.....	Richard's Landing.....
Bigford, Wm. H.....	Richmond.....	Dixon, John N.....	Denfield.....
Bishop, Alf. G.....	Conn.....	Dobson, Adam.....	Cannington.....
Bishop, W. S.....	Kimberley.....	Donat & Belanger.....	Alfred.....
Blackwell, Walter.....	Atwood.....	Douglas, David.....	Hillsburg.....
Bolton & Brown.....	Florence.....	Drewery, Bros.....	Markham.....
Bolton & Palmer.....	Shetland.....	Dryden, W. C.....	Harriston.....
Borthwick, Wm.....	Cornwall.....	Duff, J. G.....	Roseneath.....
Bowes, J. B.....	Chatsworth.....	Duncan, Chas.....	Sincooe.....
Boyes, J. S. & N. A. Malcolm.....	Malton.....	Duncan, Robert.....	Harrington West.....
Branton, Geo. H.....	Shedden.....	Dunlop, Frank Co., Ltd. The.....	Hamilton.....
Breeze, Denison & Co.....	Newburgh.....	Dunn, W. G.....	Alliston.....
Brenner, Leo.....	Hannon.....	Dunning, W. W. & Son.....	Cumberland.....
Brett, W. J.....	Meadowvale.....	Eby, C. & Sons.....	Elphinwood.....
Brown, M. J.....	Kars.....	Edgar, John J.....	Cobden.....
Brown, W. G.....	Paisley.....	Edwards, W. H.....	Pakenham.....
Bruyer, John.....	Dublin.....	Elliott, Simon P.....	Arthur.....
Buchanan, W. B.....	Norham.....	Ellis, Bros.....	Milford.....
Buchanan & Hackwell.....	Walton.....	Ellis, Oliver.....	Plattsburg.....
Buckingham, Wm.....	Lucknow.....	Elson, James.....	Stouffville.....
Burgess, C. F.....	Carlton Place.....	Empire Flour Mills.....	Brownsville.....
Burnett, G. M.....	Odessa.....	Erb, Mike G.....	Hawkesville.....
Burnett, Wm.....	St. David's.....	Farmers Mfg. Co. Ltd.....	Wellandport.....
Burr, Adam S.....	Consecon.....	Fearman, James.....	Cayuga.....
Butler, Jas.....	Harrietsville.....	Feir, Athol E.....	Uxbridge.....
Cadman, Wm. A.....	Halloway.....	Fenwick, W. S. & Sons.....	Enterprise.....
Calder, Nathan.....	Listowel.....	Fess, Grover S.....	Selkirk.....
The Canada Corn Pro- ducts Co. Ltd.....	London.....	Fife, David.....	Talbotville.....
Canadian Postum Cereal Co. Ltd.....	Windsor.....	Fisk & Crawford.....	Walkerton.....
Cardinal, H.....	Cumberland.....	Fleming, Robert W.....	Queensboro.....
Carlaw, Alex.....	Shelburne.....	Flood, Peter.....	Caintown.....
Carlaw, Oliver.....	Paisley.....	Foster, A. R.....	Tara.....
Carson, Owen.....	Tillsonburg.....	Freeman, Jas.....	Yorker.....
Casselman, C. E.....	Morrisburg.....	Gabel Bros.....	Wellesley R.R. 2.....
Caswell, A. W.....	Holland Centre.....	Gardiner, G. & A., Ltd.....	Sarnia.....
		Gardiner, Thos.....	Glencoe.....

## ONTARIO—Con.

## GRIST MILLS—Con.

Name	Location	Capacity Bbls. per day	Name	Location	Capacity Bbls. per day
Gurland, Michael	Deseronto	-	McClure, M. D.	Chesley	-
Guryiss, C. H.	Bluevale	-	McCrae, Bros.	Aris	-
Geil, Geo. Edward	Bornholm	-	McCullough, Arthur	Lonsdale	-
Giffin, John W.	Waterdown	-	McDonald, John A.	Lucknow	-
Gilbert, E. C.	Canifton	-	McGowan, R. S.	Durham	-
Goodman, L. J.	Tyrone	-	McKay, John, Ltd.	Bowmanville	-
Gordon, A. W.	Bancroft	-	McKelvie & McCook	Sterling	-
Goss, Geo. H.	Coulson	-	McLachlan, Hugh	Hillsburg	-
Gow, Geo. & Son	Cavan	-	McLean, Chas. E.	Perth	-
Graham, John	Minden	-	McLean, Malcolm	Eldon Station	-
Greensides, C.	Georgetown	-	McMartin, Howard	Berwick	-
Hamilton, J. S.	Winterbourne	-	McRoberts, C. W.	Granton	-
Hunlyn, T. H.	Lambeth	-	MacRow, Henry	Catarqui R.R. 1	-
Harding Bros.	Port Stanley	-	Marcellus, J. W.	Morewood	-
Harris Bros.	Brechin	-	Marshall, E. W.	Woodville	-
Harrison, F. A.	Brussels R.R. 2	-	Martin, Benjamin	Mt. Vernon	-
Haskins, D. J.	Caistorville	-	Martin, I. J.	Galt	-
Hayton, Wm.	Tillsonburg	-	Martin, Jas.	Newington	-
Head, W. A.	Millgrove R.R. 1	-	Maynes, E. S.	Iatta	-
Henderson, John	Rockwood	-	Meer, Jas. Van	Collingwood	-
Hemphill, Thos. S.	Wroxeter	-	Merceer, J.	Campbellcroft	-
Hennessey, John M.	Trenton	-	Merceer, C.	Campbellcroft	-
Henry, W. T. & Sons	Flesherton	-	Merkley & Short	Williamsburg	-
Hicks, Wm.	North Gower	-	Miller, Jacob S.	Onondaga	-
Higgins, F. M. & Co.	Bracebridge	-	Mollins, V. G.	Burgessville	-
Hill, Eugene B.	Dunboyne	-	Monro, Wm.	Thorold	-
Hill, F. T. & Co. Ltd.	Markdale	-	Moody, H. C.	Dundalk	-
Hobden, Jas.	Beamsville	-	Moody, Bros.	Weston	-
H. O. Cereal Co., Inc.	The	-	Moore, J. S.	Pofferlaw	-
Hodgson, Isaac	Ayr	-	Moorey, Jas.	Hampton	-
Hollingshead, A. & E.	Denfield R.R. 3	-	Morse, W. O.	Campbellville	-
Hooker, Thos. B.	King City	-	Moss, R. C.	Tunworth	-
Hooper, Wilfrid	South Woodslee	-	Mossop, John	Cottam	-
Hopkins, W. F.	Little Britain	-	Mowbray, Alex.	Belgrave	-
Horn, H.	Orangeville	-	Murton, H., Ltd.	Guelph	-
Hubbell, Mrs. A.	Milton West	-	Murphy, Eugene	Mt. Forest	-
Humphreys & Lett	Smith's Falls	-	Murphy, Jas.	Aberfoyle	-
Hutchinson, Nelson	Carp	-	Musgrave, Wm.	Drumba	-
Jonson, Bert R.	Clarksville	-	New Liskeard Farmers' Co-op. Co. Ltd.	New Liskeard	-
Jackson, Estate of C.	Jarvis, R.R. 3	-	Nicholson, Ernest	Pontypool R.R. 2	-
Jackson, Jas.	Lindsey	-	Nicholson, J. E.	Orono R.R. 2	-
Jackson, Wm.	Ancaster	-	Nicholson, L. B.	Holstein	-
Jackson & Temple	Mono Mills	-	Nolan, S. H.	Tottenham	-
Jamison, Geo.	Allenford	-	Northcott, Philip	Cameron	-
Jeffries, Bruce	Mt. Pleasant	-	Nourse, C. E. & Co.	Thorndale	-
Jefferson Bros.	Lynedoch	-	O'Connor, R. J.	Stellie	-
Jinks, R. O.	Islington	-	Oster, R. J.	Canfield East	-
Kaufman, Edwin	Garden Hill	-	Ostrander, Lyle A.	Courtland	-
Keir, Wm.	Bright R.R. 1	-	Owen Sound Cereal Mills Ltd.	Owen Sound	-
Kemp, C. S.	Campbellford	-	Parkinson Cereal Co.	Thornbury	-
Kent, David A., Sr.	Leith	-	Parks, F. W.	Mudoc R.R. 3	-
Korry, Harold	Oxenden	-	Passmore, John	Hensall	-
Kidd, J. K.	Port Perry R.R. 4	-	Peckham, H. & Son	Catheart	-
Kidd, T. A. & Sons	Mt. Brydges	-	Peerless Cereal Mills, Ltd.	Woodstock	-
Killaloe Roller Mills	Burrill's Rapids	-	Pleffer, Geo.	Drayton	-
Kipp, W. H.	Killaloe	-	Picot, Chas. P.	Menford	-
Kirkby, J. G. & Ernest	Princeton	-	Pierce, Levi	Pierton R.R. 4	-
Laing, Robert R.	Burford	-	Pope & Towe	Wallaceburg	-
Lake, W. H. & Co.	Corbelton	-	Pound, J. W.	Aylmer	-
Lancaster, H.	Pieton	-	Pratt, Geo. S.	York Mills	-
Laroche, N. F.	Navan	-	Procknow, Wm.	Elmwood	-
Latta, Norman E.	Bourget	-	Quade, A. C.	Quadeville	-
Lawlor, John J.	Dartford	-	Rae, J. W.	Kincardine	-
Lawson, Walter	Athlone	-	Reid, R. N. & Son	Hawkestone	-
Lawson, Wm. H.	Georgetown	-	Reis, Conrad	Galt	-
Leach, R.	Petrolia	-	Renwick, R.	Dromore	-
Lease, Wm.	Richmond	-	Reynolds, Jos.	Edgar	-
Legault, Arthur	Rostock	-	Rickey, Robt. H.	Mill Haven	-
Lehman, H. C.	St. Amour	-	Ridell, Jas.	Chatsworth, R.R. 5	-
Lehman, S. B. & Sons	Delhi	-	Roberts, Edward	Binbrook	-
Leith, Robert	Unionville	-	Rob Roy Mills, Ltd.	Darhaon	-
Lepard, Chas. E.	Coulson	-	Rock, Thomas	St. Williams	-
Lesperance, Henry	Wingham	-	Roper, William	Canboro	-
Lindsay, D. H.	Belle River	-	Roppel, John W.	Tiverton	-
Lindsay, E.	Acton	-	Ross, R. J.	Canning	-
Lindsay, Robt. G.	Bervie	-	Ross, Wm.	Shannonville	-
Lockwood, D. N.	Ayr	-	Rousell, Jas.	Cainsville	-
Logan, John	Pickering	-	Rumford, Warren	Fullerton	-
Lossing, LeRoy	Brussels	-	Ryndman, Robert B.	Orland	-
Lucas Grist and Lumber Mills	Otterville	-	Sadler, R. A.	Staffa	-
McColl, Alex.	Odessa	-	Sanders, Wm. E.	Ethel	-
McClellan, J. C. & Co.	Apsley	-			-
	Powassan	-			-

## ONTARIO—Con.

## GRIST MILLS—Con.

Name	Location	Capacity Bbls. per day	Name	Location	Capacity Bbls. per day
Saunders, James.....	Lucknow.....	-	Thompson, Jas. H.....	Wilton Grove, R.R. 1.....	-
Sawyers, Jas. R.....	Mansfield.....	-	Thurston, Silas.....	Dunford.....	-
Schmitendorf, W. O.....	Redwing.....	-	Trenouth & Co.....	Watford.....	-
Schier, Freeman.....	Selkirk.....	-	Trick Bros.....	Clinton, R.R. 3.....	-
Schop, Conrad.....	Lion's Head.....	-	Troup, Geo. W.....	Sherkston.....	-
Scott, M. E.....	Ingersoll.....	-	Turner, H.....	Silver Hill.....	-
Scott, Robert J.....	Auburn, Box 41.....	-	Turville, S. S.....	Wallacetown.....	-
Scott, Adam.....	Sharp Corners, R.R. 1.....	-	United Farmers' Mfg. Co.....	Inwood.....	-
Seoyn, John.....	Romoka.....	-	United Farmers' Co-op. Co. Ltd.....	Smiths Fall.....	-
Sensibaugh, Clark.....	Barrow Bay.....	-	United Provision and Milling Co.....	N. Augusta.....	-
Shantz, A. J.....	Hespeler.....	-	Upton, W. A.....	Ayr.....	-
Sharp, E. J.....	Dundas (R.R. 3 Ancaster).....	-	Vaillancourt, Arthur.....	Glen Roy.....	-
Sharpe & Chin.....	Nobleton.....	-	Vanzant, W. I.....	Stonffville, R.R. 3.....	-
Shaw, Geo.....	Damascus.....	-	Vivian, Payson.....	Oakland.....	-
Shier, Wesley.....	Woodham.....	-	Walker, Win.....	Markdale.....	-
Shorey, J. Ed.....	Belleville, R.R. 6.....	-	Watson, G. A. & Sons.....	Priceville.....	-
Simmons, George.....	Wilton.....	-	Watson, H. A.....	Snelgrove.....	-
Simpson, Jas. L.....	Guelph.....	-	Watt, E. S. & Sons.....	Palmerston.....	-
Singham, Wm. H.....	Canifton.....	-	Weatherill, H.....	Putman.....	-
Sippel, John.....	Shakespeare.....	-	Webb, J. M.....	Agincourt.....	-
Skinner, J.....	Rutherford.....	-	Webster, J. H.....	Tiverton.....	-
Skinner, Russel.....	St. Mary's.....	-	Weishuhn, Mrs. John.....	Port Elgin.....	-
Smith & Black.....	Guelph.....	-	Wells, A. J.....	Londesborough.....	-
Smith, L.....	Cainsville.....	-	Wert, L. G.....	Wales.....	-
Smith, John D.....	Glen Morris.....	-	Wetthauer, H. L.....	Stratford.....	-
Smith, Peter & Son.....	Belton.....	-	Whytock, Walter.....	Madoc.....	-
Speirs & Tye.....	Port Hope.....	-	Wilcox, L. M.....	Grimsby.....	-
Spring, Leslie.....	Wyevale.....	-	Willows & Davidson.....	Curlingford.....	-
Staddon, John C.....	Kingsville.....	-	Wilson, Geo.....	Mt. Forest.....	-
Stafford, R. G.....	Rednersville.....	-	Wilson, Jas. & Sons.....	Fergus.....	-
Steele, Hastings.....	Delta.....	-	Wilson, John & Son.....	Maple, R.R. 2 (Carville).....	-
Stewart & Carkner.....	Vars.....	-	Wilson, Wilfrid.....	Waterford, R.R. 3.....	-
Stinson, L. B.....	Trenton, Box 1117.....	-	Windecker, Geo. F.....	Dunnville.....	-
Stonness, C. A.....	Westport.....	-	Witter, E. & Co.....	Mildmay.....	-
Stover, Hiram P.....	Sombra.....	-	Woodruff, H. M.....	Colebrook.....	-
Stricker, H.....	Monkton.....	-	Wright, William.....	Clifford, R.R. 1 (Lakelet).....	-
Sutton, Win.....	Simcoe.....	-	Ziler, John.....	Parkhill.....	-
Swazie, E. R.....	Hamilton.....	-			-
Tara Milling Co.....	Tara.....	-			-
Tarzwell, R. W. & Son.....	Hillsburg.....	-			-
Taylor, Geo. G.....	Warsaw.....	-			-
Teeple, Wm. H.....	Melbourne.....	-			-

## MANITOBA.

## FLOUR MILLS

B. and B. Rye Flour Mills, Ltd.....	Winnipeg.....	225	Mayhew, Oswald.....	Holland.....	50
Dauphin Milling and Creamery Co.....	Dauphin.....	150	McCulloch, Geo. & Sons, Ltd.....	Souris.....	500
Derkacz Bros.....	Fisher Branch.....	50	Melita Flour Mills.....	Melita.....	125
Dominion Cereal Co.....	Winnipeg.....	48	Morden Flour Mills, Ltd., The.....	Morden.....	100
Ellison, Nels.....	Teulon.....	25	North Gimli Flour Mills.....	Gimli.....	25
Farion, Fred.....	Sifton.....	85	Ogilvie Flour Mills Co., Ltd., The.....	Winnipeg.....	3,000
Friesen, J. P. & Son.....	Gretna.....	100	Rossburn Flour Mills.....	Rossburn.....	75
Fehr Bros.....	Altona.....	95	St. Rose Flour Mills.....	St. Rose du Lac.....	50
Gardenton Flour Mills Co.....	Gardenton.....	100	Simpson, Frank.....	Benito.....	50
Harrison, Wm. & Sons.....	Holmsfield.....	75	Snider, A. W.....	Wawaanesa.....	100
Hosford, C. A.....	Sifton.....	25	Thordarson, A.....	Lundar.....	25
Kennedy Mere Co. Ltd.....	Ethelbert.....	38	Turtle Mountain Milling Co.....	Boissevain.....	300
Killarney Flour Mills.....	Killarney.....	75	Western Canada Flour Mills Co., Ltd.....	Brandon.....	650
Kisser, J.....	Stuartburn.....	50	Western Canada Flour Mills Co., Ltd.....	St. Boniface.....	5,000
Lake of the Woods Mfg. Co. Ltd.....	Portage la Prairie.....	1,500	Winkler Milling Co.....	Winkler.....	85
Lockport Flour Mills Co. Ltd.....	Lockport.....	50			-
Maple Leaf Mfg. Co. Ltd.....	Brandon.....	350			-

## GRIST MILLS

Allward, G. E.....	Elm Creek.....	-	Farion, Harry.....	Roblin.....	-
Canadian Cereal Mfg. Co.....	Winnipeg.....	-	Jacobs, Ernest Fowler.....	Lauder.....	-
Elwell, Jos.....	Neepawa.....	-	Laing Bros., Ltd.....	Winnipeg.....	-

## SASKATCHEWAN.

## FLOUR MILLS

Name	Location	Capacity Bbls. per day	Name	Location	Capacity Bbls. per day
Badger Mfg. and Elev. Co., Ltd.	Asquith	125	McNab Flour Mills, Ltd.	Humboldt	100
Beanish, R. W.	Kipling	25	Maple Creek, Light, Power & Mfg. Co., Ltd.	Maple Creek	100
Beck, Levi	Yorkton	160	One Northern Mfg. Co., Ltd., The	Prince Albert	100
Bishop Milling Co.	Battleford	75	Outlook Sask. Flour Mills Co., Ltd.	Outlook	175
Bissell, E. C.	Mortlach	24	Perry, Wm. G. O.	Pelly	35
Christian Community of Universal Brotherhood Ltd.	Verigin	100	Quaker Oats Co., The	Saskatoon	1,200
Duck Lake Flour Mills, Ltd.	Duck Lake	100	Radisson Flour Mills Ltd.	Radisson	200
Dwyer Elevator Co., Ltd.	Lumsden	100	Robin Hood Mills, Ltd.	Moose Jaw	2,800
Evans Flour Mills	Hague	60	Scott, W. T.	Wadena	35
Finch, Ed.	Birch Hills	35	Shaunavon Light, Power and Mfg. Co., Ltd.	Shaunavon	40
Golden West Mfg. Co.	Wakaw	35	Size, W. F.	Esterhazy	75
Harris Flour Mills	Harris	75	Soo Line Mills, Ltd.	Weyburn	100
Herbert Mfg. Co.	Herbert	75	Swanson, Samuel	Weldon	30
Humphreys, W.	Kelliher	25	Union Supply Co., Ltd.	North Battleford	150
Interprovincial Flour Mills, Ltd.	Saskatoon	800	Union Supply Co., Ltd.	Rosthern	125
La Fleche Flour Mills (F. J. Alderson)	La Fleche	50	Wanner, F. & Sons	Leader	40
			Wilson Flour Mills	Indian Head	75
			White & Reid	Lloydminster	100

## GRIST MILLS

Admiral Milling Co. (Alex. Coutts)	Admiral	-	Kerney, W. T.	Loreburn	-
Allbright, B. J.	Craik	-	McNab-Young Co., Ltd.	198 Ave. A. South, Saskatoon	-
Andrews & Ross	118-2nd Ave. N.W. Moose Jaw	-	Melville Mfg. Co., Ltd.	Melville	-
Donison, Andrew	Kayville	-	Morley, H. C.	Arcola	-
Eidness, B. M. & B.	Gladmar	-	Moulds, A. E.	Elbow	-
George, Wilbur	Gull Lake	-	Spears & Co., Ltd., J. H.	Saskatoon	-
Hobbs, Wm. J.	Lashburn	-	Stanker, Jos.	Webb	-
		-	Taylor, Jas.	Saskatoon	-

## ALBERTA.

## FLOUR MILLS

Alberta Flour Mills, Ltd.	East Calgary	-	MacEachern Mfg. Co., Ltd., The	Wetaskiwin	100
Alberta Mfg. Co., Ltd.	Edmonton	350	MacLeod Flouring Mills, Ltd.	MacLeod	350
Bellis Mfg. Co., The (F. Wm. Weder)	Bellis	80	Maple Leaf Mfg. Co., Ltd.	Medicine Hat	1,500
Bruederheim Mfg. Co.	Bruederheim	100	Mark Bros.	Mananville	70
Eckel Flour Mfg. Co.	Mundare	100	Marsh & Rivers	Innisfree	60
Ellison Mfg. and Elev. Co., Ltd.	Lothbridge	600	Model Flour Mills, Ltd.	Chipman	100
Ellison Mfg. and Elev. Co., Ltd.	Raymond	150	North West Mill and Feed Co., Ltd.	Strathcona	140
Farmers' Mfg. Co., Ltd., The	Smoky Lake	65	Ogilvie Flour Mills Co., Ltd., The	Medicine Hat	2,300
Foss & Mack	Round Hill	25	Peace River Mfg. and Grain Co., Ltd.	Peace River	100
Gillespie Grain Co., Ltd.	St. Albert	100	Reesor Flour Mills, Ltd.	Vegreville	75
Hanna Milling Co.	Hanna	25	Robin Hood Mills, Ltd.	Calgary	1,600
Harris Milling Co.	Taber	40	Stand Off Flour Mill (Hutterian Brethren)	Stand Off	25
Lacombe Mfg. Co. (J. L. Brown and J. Gritsch)	Lacombe	50	Western Canada Flour Mills Co., Ltd.	Calgary	1,000
Lake of the Woods Mfg. Co., Ltd.	Medicine Hat	1,000	Wainwright Flour Mills	Wainwright	36
Lamont Mfg. Co.	Lamont	85	Wiebe, W. R.	Vermilion	125

## GRIST MILLS

Bain, Robert, jr.	Kirriemuir	-	Leduc Milling Co.	Leduc	-
Chauvin District Milling Co., Ltd.	Chauvin	-	McFarlane, Neil	Youngstown	-
Clement, G.	Alliance	-	Mays, H.	Bowden	-
Dolan, Thos. J.	Grannum	-	Parey Products Co.	Red Deer	-
Hillman, Samuel	Hughenden	-	Rasmussen, H. P.	Barons	-
Hutton, Arch.	Claresholm	-	Rolfe Allan D.	How Island	-
Ironfield, W.	Provost	-	Schultz, H. A.	Innisfail	-
Koonen, Bernard	Millet	-	Wemp Bros.	Edmonton	-
Kostashuk, M. W.	Vegreville	-	Whitney, George	Okotoks	-
		-	Wilkinson, Robert	Blackie	-

## BRITISH COLUMBIA.

## FLOUR MILLS

Name	Address	Capacity Bbls. per day	Name	Address	Capacity Bbls. per day
Brackman Ker Mfg. Co. Ltd., The	Victoria	100	Vancouver Milling and Grain Co. Ltd.	Vancouver, 236 Smythe Street	500
Easterbrook Mfg. Co. Ltd.	Eburne	100	Victory Flour Mills Ltd.	Vancouver, 806 Beach Ave.	150

## GRIST MILLS

Crowston & Sons.....	Soda Creek.....	-		
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