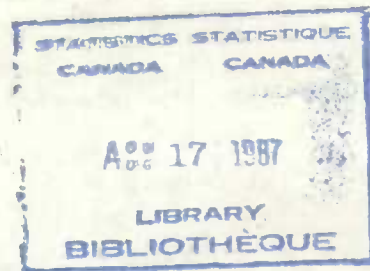


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THE FLOUR MILLING INDUSTRY 1957



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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** – The Primary Industries, including mining, forestry and fisheries; **Volume II** – Manufacturing; **Volume III** – Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I – General Review of the Manufacturing Industries, \$1.50
- II – The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III – Foods and Beverages
- IV – Tobacco and Tobacco Products
- V – Rubber Products
- VI – Leather Products
- VII – Textile Mills
- VIII – Knitting Mills
- IX – Clothing
- X – Wood and Paper Products
- XI – Printing Trades
- XII – Iron and Steel Products
- XIII – Transportation Equipment
- XIV – Non-ferrous Metal Products
- XV – Electrical Apparatus and Supplies
- XVI – Non-metallic Mineral Products
- XVII – Products of Petroleum and Coal
- XVIII – Chemicals and Allied Products
- XIX – Miscellaneous Manufactures

The present report belongs in Part III, Foods and Beverages. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A – General Review, 25¢
- B – The Slaughtering and Meat Packing Industries, 25¢
- C – The Dairy Products Industry, 25¢
- D – The Fish Processing Industry, 25¢
- E – The Fruit and Vegetable Preparations Industry, 25¢
- F – The Flour Milling Industry, 25¢
- G – The Prepared Breakfast Foods Industry, 25¢
- H – The Feeds Industry, 25¢
- I – The Biscuit Industry, 25¢
- J – The Bread and Other Bakery Products Industry, 25¢
- K – The Carbonated Beverages Industry, 25¢
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- M – The Brewing Industry, 25¢
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- P – The Sugar Refining Industry, 25¢
- Q – The Macaroni and Kindred Products Industry, 25¢
- R – The Miscellaneous Food Preparations Industry, 25¢
- S – The Canned Foods Summary, 25¢

THE FLOUR MILLING INDUSTRY

1957

This industry, which has existed to meet domestic needs for more than 300 years, is one of the Dominion's oldest manufactures, but it is only within recent times that its progress has become spectacular. The 73 flour mills, many of them of the most modern type and of the highest efficiency, have a capacity far in excess of Canada's demands.

The war of 1914-1918 and the demand it created gave a great impetus to this trade. During 1928 productive capacity reached about 121,000 barrels per day. During the depression the industry was adversely affected by the difficulties which beset the Canadian grain trade and the great decline in the prices of grains. Exports of wheat flour declined from 10,737,266 barrels in 1928 to 3,911,886 barrels in 1938, but in spite of this decrease, Canada continued to be one of the leading exporters of wheat flour. A further impetus was given to the industry as a direct result of the large import requirements of Great Britain and other allied countries during the second great war. Exports of wheat flour to all countries which averaged about 14,000,000 barrels during the war years decreased to 11,144,214 barrels in 1953 and to 10,074,061 barrels in 1954. The heavy demand for Canadian flour in foreign markets during the war years was a great boon to Canadian agriculture, inasmuch as it made it possible for flour mills to make available large quantities of mill feeds which otherwise would not have been produced. Farmers were thus able to obtain sufficient livestock feeds to fulfill Canada's commitments for the export of cheese and bacon.

Previous to the publication of this report, and in addition to the Breakfast Foods Industry, there were two annual publications dealing with grain mill products:

- (a) The Flour and Feed Milling Industries.
- (b) The Prepared Stock and Poultry Feeds Industry.

The first report mentioned above included separate statistical data on the Flour Milling Industry and analyzed in detail all those establishments which manufacture flour. In addition, these establishments manufacture any or all of the commodities usually associated with the feed industry. In the same report, a summary of the Feed Milling Industry, which included establishments that manufacture principally chopped grain feeds on a merchant or custom basis, was included. These establishments may have also produced prepared stock and poultry feeds, but if the volume of such prepared feeds exceeded four hundred tons, they were classified to the Prepared Stock and Poultry Feeds Industry.

The report on the Prepared Stock and Poultry Feeds Industry presented the detail of firms specializing in the manufacture of prepared stock and poultry feeds. These firms did not manufacture flour and their production of feeds had to be in excess of 400 tons. This group of establishments may have produced, at the same time, any other grain mill products.

Currently, it became necessary for the Bureau to publish data which would allow industry to assess what proportion of the livestock population the output of their plant was feeding. While this situation could not be met entirely, since feed production is spread over numerous industries, approximately 98 per cent by volume of all primary and secondary feeds could be presented in one report by removing feed milling establishments from the Flour and Feed Milling Industry and combining these with those of Prepared Stock and Poultry Feeds. Beginning in 1953, reports on the grain milling industries are now published as follows:

- (a) **The Flour Milling Industry** includes all establishments which produce wheat flour in any quantity. Therefore it would necessarily include feeds in any form manufactured by these establishments, with one exception. Some of the larger milling companies which conduct separate feed milling divisions, provide two reports; one covering their flour milling activity and the second covering their feed production activities. In this latter case, the feed report is included in the Feeds Industry.
- (b) **The Feeds Industry** - This group includes all establishments which manufacture prepared feeds, chopped grain feeds on own account and carry on a service operation of custom milling and chopping. This group, however, does not include those establishments which manufacture flour and which may produce, in addition, prepared and chopped grain feeds. Historically, the Feed Milling Industry as it existed prior to 1953, has now been removed from its statistical association with flour milling and has been combined with the former Prepared Stock and Poultry Feed Industry. The industry will henceforth be referred to as the Feeds Industry.
- (c) **The Breakfast Foods Industry** includes all firms which manufacture prepared breakfast foods. The industry also includes some of the large flour milling companies which maintain separate specialized cereal divisions.

In 1950, the statistical treatment of the Flour Milling Industry and that of the Feed Milling Industry changed considerably, primarily in the treatment of custom grinding and custom milling. Up to and including 1949, custom grinding and milling had been converted, for statistical purposes, to a merchant grinding and milling basis, whereby the volume of custom ground and milled grains was valued at the average cost of merchant grains reported. These two values were added to give the total gross value of shipments. In 1950, the method of estimating gross value was changed. Only the amount received for service rendered is considered as part of the gross value of shipments, no account being taken of the value of grains supplied for custom. Historically, principal statistics in Table 1 have been made comparable beginning with the 1953 report. It should be noted that this change in the statistical treatment does not affect the net value of production for the industry. The volume of grains used for custom chopping and milling, together with the custom charge are shown in Table 4, page 9.

In 1951 and previous years, the Flour Milling Industry was on a production basis and "Value added by manufacture" was computed by subtracting

the total of the cost of raw materials and cost of fuel and electricity from the value of production. In 1952 a change was made to "Value of factory shipments" instead of "Value of production" and in computing the value added, the shipments figures were used in exactly the same manner as were the production figures in the earlier annual periods. In 1954, a question was added to ask for data on opening and closing inventories of raw materials, goods in process and finished goods. In 1954 and 1955 only the change in opening and closing inventories of finished goods was taken into account in calculating the value added. In 1956 and 1957, the change in goods in process inventories was added to the change in finished goods inventories and the total applied to the "Value of factory shipments" to arrive at the "Value of production". When the "Value of production" was determined in this manner, the total of the cost of raw materials and fuel and electricity was subtracted to arrive at the "Value added by manufacture".

The following summary, using the change in the value of inventories, is given to show how "Value added by manufacture" was determined in this period.

Year	Value of factory shipments	Change in inventory	Value of production	Cost of materials	Cost of fuel and electricity	Value added by manufacture ¹
\$'000						
1951 ²	—	—	280,866	242,132	1,656	37,078
1952	274,208	—	—	236,194	1,653	36,361
1953	266,431	—	—	224,518	1,650	40,262
1954	232,363	- 333	232,030	195,322	1,676	35,032
1955	221,895	+ 370	222,264	185,004	1,721	35,539
1956	221,770	+ 177	221,946	187,100	1,775	33,071
1957	204,376	+ 223	204,599	168,635	1,775	34,189

¹ Historical series on "Value added by manufacture" included in Table 1.

² Previous years were computed as in 1951.

The gross value of shipments in the Flour Milling Industry amounted to \$204,376,385, a decrease of some \$17 million over the previous year when \$221,769,944 was reported. By commodities, wheat flour accounted for 77 per cent of the total gross value of shipments and amounted to slightly more than \$157 million; of this total, slightly more than \$93 million was reported for all grades of enriched flour. Almost \$27 million worth of bran shorts and middlings were shipped and ranked this commodity second in importance in the industry. Shipments of rolled oats and prepared cake mixes

amounted to \$7,400,000 and \$3,328,000 respectively. In 1957 the total cost of raw materials used amounted to \$168,634,527. This included 2,541,022 tons of wheat valued at almost \$143 million which was the largest single item consumed. Cost of fuel and electricity in 1957, reported at \$1,775,220, remained almost constant with the previous year while salaries and wages paid increased slightly over 1956. In 1957, 4,417 persons were reported as being employed, approximately 160 fewer than the previous year.

TABLE 1. Principal Statistics for the Years, 1926-1957¹

	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ²	Selling value of factory shipments
	number		\$	\$	\$	\$	\$
1926.....	442	5,118	6,486,285	1,315,523	145,989,909	11,640,418	158,945,850
1928.....	423	5,285	6,745,415	1,415,995	144,868,517	16,734,990	163,019,502
1929.....	409	5,308	6,714,960	1,374,168	130,437,426	16,814,326	148,625,920
1930.....	382	4,673	5,885,224	1,263,406	102,823,717	13,544,439	117,631,562
1933.....	413	4,153	4,422,689	1,032,262	51,719,587	11,074,398	63,826,247
1934.....	435	4,263	4,443,991	1,060,177	61,392,000	12,418,591	74,870,768
1937.....	335	4,469	5,069,315	966,093	94,016,740	12,359,527	107,342,360
1939.....	303	4,540	5,621,370	1,020,119	59,164,699	16,064,541	76,249,359
1941.....	288	4,896	6,733,703	1,244,710	91,222,378	17,056,209	109,523,297
1942.....	281	4,999	7,465,544	1,237,630	98,182,809	21,355,939	120,776,378
1944.....	224	5,461	8,925,161	1,449,907	153,579,588	17,948,448	172,977,943
1945.....	195	5,654	9,630,553	1,540,758	158,499,853	21,321,130	181,361,741
1946.....	184	6,012	10,884,848	1,740,270	185,219,470	24,613,288	211,573,028
1947.....	174	6,220	12,603,961	1,899,560	230,467,746	30,762,112	263,129,418
1948.....	170	5,334	11,882,590	1,701,302	220,068,533	29,425,720	251,195,555
1949 ³	133	5,033	11,965,400	1,526,578	215,404,869	24,318,787	241,250,234
1950.....	118	4,903	11,917,625	1,515,218	213,755,757	31,336,800	247,107,775
1951.....	108	4,864	13,596,597	1,656,382	242,132,072	37,078,324	280,866,778
1952.....	100	4,961	14,688,635	1,652,958	236,194,234	36,360,848	274,208,040
1953.....	95	4,962	14,946,310	1,650,066	224,518,387	40,262,095	263,430,548
1954.....	85	4,934	15,436,871	1,676,219	195,322,299	35,031,653	232,363,041
1955.....	77	4,853	15,478,817	1,721,399	185,004,008	35,538,807	221,894,538
1956							
Canada.....	76	4,572	15,102,725	1,775,351	187,100,113	33,071,027	221,769,944
Quebec.....	4	706	2,703,158	224,392	29,710,561	4,120,456	34,353,452
Ontario.....	44	1,792	6,054,182	707,757	74,263,823	12,604,808	87,497,208
Manitoba.....	7	579	1,669,470	187,107	20,906,966	4,129,988	25,141,602
Saskatchewan and British Columbia.....	10	775	2,595,126	423,309	35,853,484	6,136,808	42,409,197
Alberta.....	11	720	2,080,789	232,786	26,365,279	6,078,967	32,368,485
1957							
Canada.....	73	4,417	15,214,225	1,775,220	168,634,527	34,189,050	204,376,285
Quebec.....	4	746	2,660,002	264,529	31,314,933	7,466,401	38,499,833
Ontario.....	41	1,724	6,271,248	704,764	66,925,772	11,863,200	79,710,511
Manitoba.....	8	509	1,545,269	194,386	17,441,933	2,660,334	20,262,344
Saskatchewan and British Columbia.....	10	775	2,733,279	387,362	31,621,608	7,086,443	39,385,290
Alberta.....	10	663	2,004,427	224,179	21,330,281	5,112,672	26,518,307

¹ Profits or losses cannot be estimated from Census figures, as no data are collected for certain expense items such as interest, rent, depreciation, taxes, insurance, advertising, etc.

² See text.

³ Newfoundland included beginning 1949.

TABLE 2. Shipments of Flour Mills by Classes and by Provinces, 1957

Products	Canada		Quebec	Ontario	
	Quantity	Selling value at mill \$	Quantity	Quantity	
Wheat flour:					
Spring No. 1 or Top Patent including semolina	cwt.	7,429,915	33,570,468	1	1,609,683
Spring No. 2 Patent	"	10,315,029	43,511,865	1,976,459	4,894,005
Spring No. 3 Patent (Strong Bakers or Export Patent)	"	12,554,781	52,372,800	2,980,206	3,376,225
Whole wheat and Graham flour	"	436,481	1,738,994	1	139,115
Ontario winter wheat flour	"	2,497,738	11,041,627	1	2,496,753
Durum semolina and flour	"	671,749	3,181,730	1	2
Lower grades of flour	"	1,985,581	6,463,565	1	647,884
All other	"	1,467,375	5,612,471	1	923,678
Total flour	"	37,358,649	157,493,020	6,880,715	14,087,343
Enriched flour, all grades combined	"	21,654,561	93,375,906	4,450,844	7,274,484
Non-enriched flour, all grades combined	"	15,704,088	64,117,114	2,429,871	6,812,859
Flour and meal, other:					
Prepared or self raising flour	ton	1,804	315,304	—	1
Barley flour	"	—	—	—	—
Barley meal	"	93	5,600	—	—
Rye flour	"	5,976	434,924	—	1
Rye meal	"	1,025	63,800	—	819
Corn flour	"	630	57,208	—	1
Corn meal	"	4,012	492,467	—	1
Buckwheat flour	"	31	3,298	—	1
Breakfast foods:					
Prepared breakfast food	"	140	34,875	—	—
Oatmeal	"	2,005	290,114	—	1
Rolled oats	"	41,890	7,400,675	—	1
Rolled or flaked wheat	"	698	80,864	—	1
Unprepared breakfast foods	"	3,482	507,871	—	1
Other products:					
Prepared cake mixes	"	7,803	3,828,575	1	1
Barley, pot and pearl	"	760	86,065	—	1
Corn, cracked	"	32	1,600	—	1
Shorts and middlings	"	362,280	15,824,846	58,039	152,751
Bran	"	273,220	10,966,634	56,297	101,480
Chopped grain feeds ¹	"	15,338	814,009	1	11,107
Alfalfa meal	"	—	—	—	—
Offal, not otherwise specified	"	55,863	1,087,820	1	12,895
All other products	"	23,946	2,418,571	1	8,766
Prepared stock and poultry feeds:					
Calf feeds	"	371	36,091	—	91
Dairy and cattle feeds	"	3,088	216,493	—	1,658
Swine feeds	"	7,844	502,137	—	7,416
Poultry feeds:					
Chick starter	"	1,341	112,200	—	366
Broiler feeds	"	2,374	204,778	—	178
Growing mash	"	1,863	132,104	—	1,337
Laying and hatching mash	"	6,843	499,925	—	4,728
Fattening and finishing feeds	"	108	6,876	—	34
Scratch feed	"	705	40,152	—	660
All turkey feeds	"	1,758	150,512	—	1
Other mixed feeds	"	1,538	85,650	—	1
Mixed concentrates	"	402	34,292	—	1
Amount received from custom chopping and milling	—	—	148,935	—	—
Total	—	—	204,376,285	—	—

See footnotes at end of Table.

TABLE 2. Shipments of Flour Mills by Classes and by Provinces, 1957 - Concluded

Products	Manitoba	Saskatchewan and British Columbia	Alberta
		quantity	
Wheat flour:			
Spring No. 1 or Top Patent including semolina cwt.	852,180	2,337,293	1,319,097
Spring No. 2 Patent	1,055,770	755,310	1,633,485
Spring No. 3 Patent (Strong Bakers or Export Patent)	¹	3,328,617	1,564,163
Whole wheat and Graham flour	1	167,303	51,601
Ontario winter wheat flour	—	—	—
Durum semolina and flour	1	—	²
Lower grades of flour	1	²	388,340
All other	1	603,288	210,504
Total flour	4,031,590	7,191,811	5,167,190
Enriched flour all grades combined	1,527,677	4,506,750	3,894,806
Non-enriched flour, all grades combined	2,503,913	2,685,061	1,272,384
Flour and meal, other:			
Prepared or self raising flour ton	—	—	—
Barley flour	—	—	—
Barley meal	1	—	—
Rye flour	—	—	1
Rye meal	1	—	1
Corn flour	—	—	—
Corn meal	—	1	—
Buckwheat flour	—	—	—
Breakfast foods:			
Prepared breakfast foods	—	1	—
Oatmeal	1	1	—
Rolled oats	1	1	—
Rolled or flaked wheat	1	1	1
Unprepared breakfast foods	1	—	1
Other products:			
Prepared cake mixes	—	—	1
Barley, pot and pearl	—	1	—
Corn, cracked	—	—	—
Shorts and middlings	45,779	57,877	47,834
Bran	24,441	52,814	38,188
Chopped grain feed ³	—	1	1
Alfalfa meal	—	—	—
Offal, not otherwise specified	1	33,251	1
All other products	—	3,681	1
Prepared stock and poultry feeds:			
Calf feeds	1	1	1
Dairy and cattle feeds	1	1	1
Swine feeds	1	1	267
Poultry feeds:			
Chick starter	1	1	1
Broiler feeds	1	—	1
Growing mash	1	1	1
Laying and hatching mash	1	1	1
Fattening and finishing feeds	1	—	1
Scratch feed	—	—	1
All turkey feeds	1	1	1
Other mixed feeds	—	1	232
Mixed concentrates	—	—	1
Amount received from custom chopping and milling	—	—	—
Total	—	—	—

¹ Not available.

² Included in all other.

³ Does not include the chopped grain feed which is produced in the custom chopping mills. The total quantity of grains chopped or milled and the amount received for chopping or milling is shown in Table 4 for the flour milling industry.

TABLE 3. Materials Used in Flour Mills, by Provinces, 1957

Materials	Canada		Quebec		Ontario	
	Quantity	Value	Quantity	Value	Quantity	Value
	tons	\$	tons	\$	tons	\$
Wheat.....	2,541,022	142,998,388	470,242	28,254,904	973,881	55,706,204
Oats.....	98,505	4,334,755	608	36,460	29,415	1,508,249
Barley.....	9,373	417,604	827	42,052	6,628	300,967
Rye.....	11,751	485,496	—	—	9,338	392,867
Corn.....	16,697	941,714	—	—	16,098	903,914
Buckwheat.....	522	27,942	—	—	522	27,942
Peas.....	—	—	—	—	—	—
Mixed grain for chopping.....	5,624	244,043	—	—	2,743	110,467
Other grains.....	1,072	34,634	—	—	743	30,076
Alfalfa.....	385	24,371	—	—	34	1,178
Vitamins.....	—	951,742	—	169,480	—	332,724
Mill feeds (bran, etc.).....	3,467	144,111	—	—	2,217	97,475
Concentrates (all kinds).....	5,575	516,601	—	—	3,139	293,738
Other ingredients used.....	1,638	122,563	—	—	443	31,853
All other materials including chemicals.....	—	3,315,731	—	550,052	—	2,526,254
Cost of containers purchased..	—	12,848,325	—	2,088,559	—	4,218,635
Operating, maintenance and repair supplies.....	—	1,226,507	—	173,426	—	443,229
Total.....	—	168,634,527¹	—	31,314,933	—	66,925,772
	Manitoba		Saskatchewan and British Columbia		Alberta	
	Quantity	Value	Quantity	Value	Quantity	Value
	tons	\$	tons	\$	tons	\$
Wheat.....	279,699	14,935,281	475,756	25,681,367	341,444	18,420,632
Oats.....	15,416	662,120	51,822	2,067,903	1,244	60,023
Barley.....	110	3,630	1,206	46,228	602	24,727
Rye.....	117	4,624	—	—	2,296	88,005
Corn.....	—	—	—	—	599	37,800
Buckwheat.....	—	—	—	—	—	—
Peas.....	—	—	—	—	—	—
Mixed grains for chopping.....	—	—	—	—	2,881	133,576
Other grains.....	13	195	—	—	316	4,363
Alfalfa.....	—	—	—	—	351	23,193
Vitamins.....	—	89,297	—	184,386	—	175,855
Mill feeds (bran, etc.).....	140	4,900	—	—	1,110	41,736
Concentrates (all kinds).....	127	11,718	111	10,000	2,198	201,145
Other ingredients used.....	—	—	—	—	1,195	90,710
All other materials including chemicals.....	—	39,943	—	39,939	—	159,543
Cost of containers purchased..	—	1,462,792	—	3,356,599	—	1,721,740
Operating, maintenance and repair supplies.....	—	227,433	—	235,186	—	147,233
Total.....	—	17,441,933	—	31,621,608	—	21,330,281

¹ Does not include office supplies used which amounted to \$222,662 in 1957.

TABLE 4. Grains Used for Custom Chopping and Milling for Canada and the Provinces, 1957

	Wheat	Oats	Barley	Rye	Corn	Buck- wheat	Peas	Mixed grains	Total grains	Amount received for custom work
	tons									\$
Canada	3,617	5,136	2,298	-	160	-	-	42,886	54,097	148,935
Quebec	-	249	-	-	-	-	-	-	249	994
Ontario	1,192	2,951	744	-	160	-	-	15,597	20,644	53,995
Manitoba	804	826	590	-	-	-	-	320	2,540	17,740
Saskatchewan and British Columbia	784	-	-	-	-	-	-	1,377	2,161	18,861
Alberta	837	1,110	964	-	-	-	-	25,592	28,503	57,345

TABLE 5. Principal Statistics Classified According to Type of Ownership, 1956-1957

Type	Establish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		\$	\$	\$
1955					
Individual ownership	12	50	93,680	939,976	1,069,160
Partnerships	12	89	235,845	1,534,440	1,922,465
Incorporated companies	51	4,433	14,773,200	184,625,697	218,778,319
Co-operatives	1				
Total	76	4,572	15,102,725	187,100,113	221,769,944
1956					
Individual ownership	12	46	93,752	906,926	1,085,135
Partnerships	11	72	212,036	1,207,866	1,409,503
Incorporated companies	48	4,299	14,908,437	166,519,735	201,881,647
Co-operatives	2				
Total	73	4,417	15,214,225	168,634,527	204,376,285

TABLE 6. Consumption of Flour in Canada for Years, 1954-1957

	1954	1955	1956	1957
	cwt.			
Production	41,353,764	40,295,111	40,052,819	37,358,649
Imports	2,095	4,533	9,318	1,541
Total	41,355,859	40,299,644	40,062,137	37,360,190
Exports	19,745,160	16,857,392	16,821,732	14,914,793
Available for consumption	21,610,699	23,442,252	23,240,405	22,445,397

TABLE 7. Size of Establishments, 1956 and 1957

Establishments having a production of	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
1956					
Under \$50,000	12	31	47,038	143,887	204,235
\$50,000 to \$99,999	3	14	33,939	147,036	201,368
\$100,000 to \$199,999	11	83	216,662	1,211,788	1,565,136
\$200,000 to \$499,999	11	125	375,142	3,024,910	3,559,330
\$500,000 to \$999,999	6	124	335,444	3,774,148	4,331,211
\$1,000,000 to \$4,999,999	16	652	1,997,695	29,917,153	34,116,474
\$5,000,000 and over	17	3,543	12,096,805	148,881,191	177,792,190
Total	76	4,572	15,102,725	187,100,113	221,769,944
1957					
Under \$50,000	13	26	48,208	101,556	176,447
\$50,000 to \$99,999	5	37	91,163	239,353	344,843
\$100,000 to \$199,999	11	85	236,116	1,459,523	1,755,757
\$200,000 to \$499,999	7	81	241,939	1,837,216	2,241,370
\$500,000 to \$999,999	8	127	469,518	5,105,017	5,844,202
\$1,000,000 to \$4,999,999	16	913	3,023,520	39,084,906	47,407,754
\$5,000,000 and over	13	3,148	11,103,761	120,806,956	146,605,912
Total	73	4,417	15,214,225	168,634,527	204,376,285

TABLE 8. Capital, Repair and Maintenance Expenditures, 1951-1957

Year	Capital expenditures			Repair and maintenance expenditures			Capital, repair and maintenance expenditures		
	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Sub- total	Con- struction	Machinery and equipment	Sub- total
thousands of dollars									
1951	403	1,527	1,930	364	1,547	1,911	767	3,074	3,841
1952	513	1,689	2,202	241	1,626	1,867	754	3,315	4,069
1953	224	955	1,179	496	1,567	2,063	720	2,522	3,242
1954	520	2,040	2,560	330	1,340	1,670	850	3,380	4,230
1955	471	2,064	2,535	465	1,236	1,701	936	3,300	4,236
1956	507	2,851	3,358	494	1,133	1,627	1,001	3,984	4,985
1957 ¹	420	922	1,342	158	1,206	1,364	578	2,128	2,706

¹ Preliminary.

TABLE 9. Employees, Salaries and Wages, 1956-1957

Year and provinces	Employees on salaries			Employees on wages			Total employees salaries and wages		
	Male	Fe- male	Total salaries	Male	Fe- male	Total wages	Male	Fe- male	Salaries and wages
1956									
Canada	888	425	4,931,518	3,100	159	10,171,207	3,988	584	15,102,725
Quebec	142	55	886,517	501	8	1,816,641	643	63	2,703,158
Ontario	306	159	1,801,393	1,267	60	4,252,789	1,573	219	6,054,182
Manitoba	117	68	545,730	355	39	1,123,740	472	107	1,669,470
Saskatchewan and British Columbia	192	83	1,038,718	475	25	1,556,408	667	108	2,595,126
Alberta	131	60	659,160	502	27	1,421,629	633	87	2,080,789
1957									
Canada	964	424	5,374,714	2,892	137	9,839,511	3,856	561	15,214,225
Quebec	219	54	912,360	469	4	1,747,642	688	58	2,660,002
Ontario	338	168	2,179,396	1,173	45	4,091,852	1,511	213	6,271,248
Manitoba	87	47	444,744	339	36	1,100,525	426	83	1,545,269
Saskatchewan and British Columbia	197	84	1,156,614	464	30	1,576,665	661	114	2,733,279
Alberta	123	71	681,600	447	22	1,322,827	570	93	2,004,427

TABLE 10. Production Workers, by Months, 1956-1957

Months	1956		1957	
	Male	Female	Male	Female
	number			
January	3,092	168	2,911	147
February	3,132	159	2,915	134
March	3,135	160	2,860	140
April	3,192	148	2,846	135
May	3,173	148	2,837	118
June	3,133	124	2,817	105
July	3,143	149	2,867	122
August	2,958	165	2,853	128
September	2,981	182	2,938	167
October	2,991	180	2,974	167
November	3,196	164	2,976	140
December	3,077	158	2,861	133
Average monthly employment.....	3,100	159	2,892	137

TABLE 11. Daily Capacity and Production of Flour Mills, by Size Groups, 1956-1957

Capacity of mills per day of 24 hours by size groups	Number of mills	Daily capacity			Wheat flour production		
		Total	Per cent	Average per establishment	Total	Per cent	Average per establishment
		cwt.		cwt.	cwt.		cwt.
1956							
Under 200 cwt.	16	1,740	1.0	109	92,392	0.2	5,775
200 to 399 cwt.	15	3,670	2.0	245	288,945	0.7	19,263
400 to 599 "	4	1,720	0.9	430	329,723	0.8	82,431
600 to 999 "	9	6,970	3.7	774	1,385,461	3.4	153,940
1,000 to 1,999 "	5	6,800	3.6	1,360	1,400,202	3.5	280,040
2,000 to 5,999 "	15	47,674	25.5	3,178	10,369,382	25.7	691,292
6,000 to 9,999 "	9	68,800	36.8	7,644	17,207,789	42.7	1,911,977
10,000 cwt. and over	3	49,600	26.5	16,533	9,186,787	23.0	3,062,262
Total and average	76	186,974	100.0	2,460	40,260,681	100.0	529,745
1957							
Under 200 cwt.	13	1,530	0.8	118	98,212	0.3	7,555
200 to 399 cwt.	17	4,130	2.1	243	292,045	0.8	17,179
400 to 599 "	4	1,700	0.9	425	277,930	0.7	69,483
600 to 999 "	9	7,110	3.7	790	1,135,635	3.0	126,182
1,000 to 1,999 "	5	7,200	3.7	1,440	1,403,184	3.8	280,637
2,000 to 5,999 "	13	43,600	22.6	3,354	9,193,878	24.5	707,221
6,000 to 9,999 "	7	53,300	27.6	7,614	12,565,802	33.5	1,795,115
10,000 cwt. and over	5	74,400	38.6	14,880	12,531,468	33.4	2,506,294
Total and average	73	192,970	100.0	2,643	37,498,154	100.0	513,673

TABLE 12. Inventory Values, 1957

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory
	\$	\$	\$	\$
Opening inventory ¹ :				
Canada	28,789,028	26,285	5,548,917	34,364,230
Quebec	4,987,348	—	934,105	5,921,453
Ontario	12,119,768	22,600	1,832,795	13,975,163
Manitoba	1,302,081	—	464,158	1,766,239
Saskatchewan and British Columbia	6,940,524	3,685	1,138,818	8,083,027
Alberta	3,439,307	—	1,179,041	4,618,348
Closing inventory:				
Canada	24,728,606	15,807	5,781,907	30,526,320
Quebec	4,928,115	—	1,480,135	6,408,250
Ontario	9,573,811	14,500	1,624,120	11,212,431
Manitoba	1,094,523	—	498,467	1,592,990
Saskatchewan and British Columbia	5,273,705	1,307	851,319	6,126,331
Alberta	3,858,452	—	1,327,866	5,186,318

¹ The opening inventory for the current year differs from the closing inventory published last year due to transfers, discards, corrections, or addition of new firms.

TABLE 13. Equipment and Capacity of Flour Mills, 1957

Province	Establish- ments	Pairs of rolls	Pairs of stones	Estimated maximum capacity per day
		number		
Quebec	4	392	—	27,100
Ontario	41	1,289	25	82,020
Manitoba	8	284	4	21,500
Saskatchewan and British Columbia	10	469	—	27,600
Alberta	10	488	—	34,750
Canada	73	2,922	29	192,970

TABLE 14. Imports of Milled Products and Grains by Quantity and Value, 1956-1957

Articles imported	1956		1957	
	Quantity	Value	Quantity	Value
		\$		\$
Milled products:				
Wheat flour	cwt. 9,318	66,738	1,541	9,170
Buckwheat meal and flour	—	—	—	—
Cornmeal	bbl. 11,195	78,190	20,136	124,954
Malt flour	lb. 546,500	40,710	247,650	17,518
Rye flour	bbl. 912	7,224	2,329	14,642
Oatmeal and rolled oats	lb. 11,140	1,439	8,229	954
Barley, pot and pearl	—	3,009	19,564	2,028
Hominy, cracked, ground, etc.	cwt. 138,528	498,129	143,992	492,970
Bran and mill feed	—	530,479	46,600	88,785
Cereal food in packages	lb. 1,784,344	394,098	3,317,542	631,680
Cereal foods, n.o.p.	—	993,245	—	690,350
Semolina	bbl. —	—	—	—
Total value of milled products imported	—	2,613,261	—	2,073,051
Grains:				
Wheat	bu. 285	840	132,639	591,020
Oats	—	37,928	5,463	6,966
Barley, buckwheat and rye	—	6,549	1,947	4,251
Corn for all purposes	—	12,570,246	10,019,901	13,197,461
Total value of grains imported	—	12,615,563	—	13,799,698

TABLE 15. Exports of Milled Products and Grains by Quantity and Value, 1956-1957

Articles exported	1956		1957	
	Quantity	Value \$	Quantity	Value \$
Milled products:				
Rye flour	bbbl.	—	—	—
Wheat flour	cwt.	16,821,732	71,549,019	14,914,793
Oatmeal and rolled oats	"	64,512	573,064	56,454
Bran, shorts and middlings	"	2,364,133	5,653,004	1,826,499
Malt	bu.	4,345,947	8,538,722	4,947,655
Screenings	cwt.	—	—	—
Cornmeal	bbbl.	29,769	244,460	41,307
All other meals, n.o.p.	cwt.	540	1,658	24
Cereal foods, prepared, all kinds	—	—	339,543	—
Total value of milled products exported	—	—	86,899,470	—
Grains:				
Wheat	bu.	302,449,702	512,498,444	230,161,005
Oats	"	10,112,072	9,316,319	29,941,328
Barley	"	81,095,422	94,976,982	61,376,567
Corn	"	1,781,214	3,107,344	82,261
Rye	"	10,968,907	14,217,686	4,432,468
Buckwheat	"	228,699	325,225	286,966
Total value of grains exported	"	—	634,442,000	—

TABLE 16. Consumption of Fuel and Electricity, 1956 and 1957

Kind	1956		1957	
	Quantity	Cost at plant \$	Quantity	Cost at plant \$
Bituminous coal (a) From Canadian mines	ton	1,447	17,828	1,516
(b) Imported	"	4,354	46,861	4,950
Sub-bituminous coal (from Alberta mines only)	"	—	—	—
Anthracite coal	"	735	13,088	579
Lignite coal	"	13,832	66,467	7,804
Coke (for fuel only)	"	—	—	20
Gasoline	Imp. gal.	462,333	183,590	507,238
Kerosene or coal oil	"	652	126	319
Fuel oil	"	1,473,004	192,407	2,068,907
Wood	cord	118	673	31
Gas (a) Liquefied petroleum gases (propane etc.)	Imp. gal.	2,642	992	4,500
(b) Other manufactured gas	M cu. ft.	22	33	—
(c) Natural gas	"	92,982	22,475	183,305
Other fuel	—	—	25,544	—
Electricity purchased	kwh.	128,248,839	1,205,267	122,791,946
Total cost of fuel and electricity	—	—	1,775,351	—

List of Firms in the Flour Milling Industry, 1957

Name of firm	Address
Quebec:	
Eastern Canada Flour Mills Ltd.	4394 St. Ambroise St., Montreal
McDonald & Robb Limited	70 Chaussée St., Valleyfield
The Ogilvie Flour Mills Co., Ltd.	950 Mill St., Montreal
Robin Hood Flour Mills Ltd.,	2110 Notre Dame St. West, Montreal
Ontario:	
Acton Flour Mills	62 Mill St., Acton
Almonte Flour Mills, Limited	P.O. Box 60, Almonte
Ancaster Mountain Mills	548 Mill St., Ancaster
Arva Flour Mills	Arva
Brooklin Flour Mills	Box 45, Brooklin
Caledonia Milling Co. Ltd.	Caledonia
Cannington Flour & Feed Mill	Cannington
Cherry & Sons Limited, S.J.	166 King St., Preston
Collingwood Milling Co., The	P.O. Box 311, Collingwood
Comber Farmers Co-operative, Inc.	Ford St., Comber
Cullen & Sons Limited, James	107 Wilson St., Woodstock
Dutton Flour Mills	Main St., Dutton
Great Star Flour Mills, Limited	Water St., St. Mary's
Hawken Milling Company	Wallaceburg
Hayhoe Bros.	Pine Grove
Hogg & Sons Ltd., George	Thamesford
Hortop & Son, W.H.	Everton
Howson & Howson, Ltd.	Blyth
King Milling Co. of Sarnia Ltd., The	209 Front St. N., Sarnia
Knechtel & Son, Limited, Wm.	Hanover
Lake of the Woods Milling Co. Ltd.	Keewatin
Lang Flour & Feed Mill	Lang
McCarthy Milling Co. Limited	Streetsville
Maple Leaf Milling Co. Ltd.	Port Colborne
Maple Leaf Milling Co. Ltd.	12 Monarch Rd., Toronto
Milton Milling Co. Ltd.	Martin St., Milton
Morris & Son, J.A.	P.O. Box 25, Dorchester
Paris Flour Mills	2 Grand River N., Paris
Pfrimmer Bros	R.R. No. 4, Goderich
Phenix Mills, Limited	69 Ainslie St., South, Galt
Pillsbury of Canada Ltd.	206 King St., Midland
Quaker Oats Company of Canada Limited, The	Peterborough
Reid Milling Co. Limited	Streetville
Robin Hood Flour Mills, Limited	Humberstone
Rock & Son, John	R.R. No. 2, Tillsonburg
Smith & Son, E.L.	R.R. No. 4, Scotland
Snider Flour Milling Co. Ltd., The	St. Jacobs
Strathroy Flour Mills, Limited	Albert St., Strathroy
Tavistock Milling Company Limited, The	Tavistock
Taylor Co. Limited, The T.H.	14 William St. N. Chatham
Vanstone Flour & Feed Mill	116 King St. W. Bowmanville

List of Firms in the Flour Milling Industry, 1957 - Concluded

Name of firm	Address
Manitoba:	
Benito Flour & Feed	Benito
Harrison Milling & Grain Co.	Holmfild
Kent Flour Mills, Ltd., B.P.	Viriden
Midland Flour Mills, Ltd.	350 Archibald St., St. Boniface
Ogilvie Flour Mills Co. Ltd., The	39 Higgins Ave., Winnipeg
Maple Leaf - Purity Mills, Limited	480 Archibald St., St. Boniface
Soo Line Mills, Limited	7 Higgins Ave., Winnipeg
Steinbach Flour Mills	Steinbach
Saskatchewan:	
Esterhazy Flour Mill	Esterhazy
Quaker Oats Co. of Canada, Ltd., The	18th Street & Avenue "N", Saskatoon
Robin Hood Flour Mills, Ltd.	Fifth Ave. and High St. West, Moose Jaw
Robin Hood Flour Mills, Ltd.	First Ave. and 33rd St., Saskatoon
Saskatchewan Wheat Pool	P.O. Box 170, Saskatoon
Swift Current Flour Mills, Ltd.	Shaunavon
Swift Current Flour Mills, Ltd.	Box 1149, Swift Current
Wynyard Flour Mill	Box 84, Wynyard
Yorkton Milling Company Limited	Livingstone St., Yorkton
Alberta:	
Byers Flour Mills	Camrose
Ellison Milling & Elevator Co. Ltd.	1301 Second Ave. S., Lethbridge
Maple Leaf Milling Co. Ltd.	Medicine Hat
Ogilvie Flour Mills Co. Limited, The	10527-103rd St., Edmonton
Ogilvie Flour Mills Co. Limited, The	Medicine Hat
Maple Leaf Milling Co. Ltd.	14th St. E., at 17th Avenue, Calgary
Pillsbury of Canada Ltd.	Bonnybrook Road, Calgary
Robin Hood Flour Mills, Ltd.	Ninth Avenue & Fourth St. W., Calgary
St. Paul Flour Mill, Ltd.	St. Paul
Vulcan Flour Mill	Vulcan
British Columbia:	
Master Baker Flour Mills, Ltd.	1315 E. Hastings St., Vancouver

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