

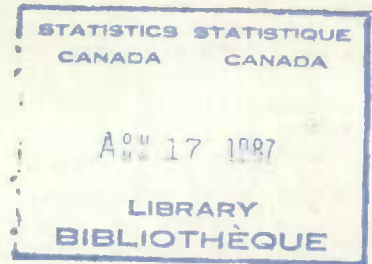
CATALOGUE No. <sup>e3</sup>

32-215

ANNUAL



MAR 3 1980



# THE FLOUR MILLING INDUSTRY

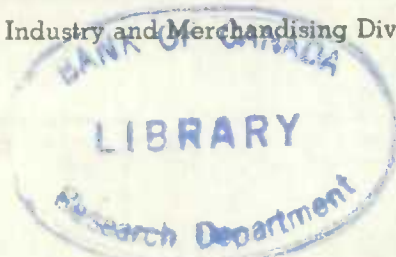
## 1958

*Published by Authority of*

The Honourable Gordon Churchill, Minister of Trade and Commerce

**DOMINION BUREAU OF STATISTICS**

Industry and Merchandising Division



March, 1960  
6522-522

Price 50 cents

## PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the **Foods, Beverages and Tobacco Major Group** are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

Catalogue number		Per copy	Per year	Catalogue number		Per copy	Per year
<b>General</b>				<b>Dairy Products</b>			
32-201	Foods and Beverages - General Review .....	\$ .50		23-201	Dairy Statistics .....	\$ .50	
31-001	Inventories, Shipments and Orders in Manufacturing Industries .....		\$4.00	32-002	Dairy Factory Production (Monthly) .....	.10	\$1.00
31-201	General Review of the Manufacturing Industries .....		2.00	32-009	Stocks of Dairy and Poultry Products (Monthly) .....	.20	2.00
65-004	Trade of Canada - Exports (Monthly) .....		7.50	32-209	Dairy Products Industries .....	.75	
65-007	Trade of Canada - Imports (Monthly) .....		7.50	32-210	Process Cheese Industry .....	.25	
<b>Bakery Products</b>				<b>Grain Mill Products</b>			
32-202	Biscuit Industry .....	.50		32-003	Grain Milling Statistics (Monthly) ....	.10	1.00
32-203	Bread and Other Bakery Products Industry .....	.50		32-004	Shipments of Prepared Stock and Poultry Feeds (Monthly) .....	.30	3.00
<b>Beverages</b>				<b>Meat Products</b>			
32-001	Monthly Production of Carbonated Beverages .....	.10	1.00	32-012	Stocks of Meat and Lard (Monthly)....	.30	3.00
32-205	Brewing Industry .....	.50		32-220	Estimates of Production and Consumption of Meats .....	.25	
32-206	Distilling Industry .....	.50		32-221	Slaughtering and Meat Packing Industries .....	.50	
32-207	Wine Industry .....	.25		<b>Other Food Industries</b>			
32-208	Carbonated Beverages Industry .....	.50		32-005	Margarine Statistics (Monthly) .....	.10	1.00
<b>Canning and Preserving</b>				32-006	Oils and Fats (Monthly) .....	.10	1.00
22-003	Fruit and Vegetable Crop Reports (Seasonal) .....	.20	1.00	32-007	Quarterly Report on Processed Foods .....	.50	2.00
24-001	Fish Freezings and Stocks (Monthly) .....	.20	2.00	32-013	Sugar Situation (Monthly) .....	.10	1.00
24-002	Monthly Review of Canadian Fisheries Statistics .....	.30	3.00	32-213	Confectionery Industry .....	.50	
24-201	Fisheries Statistics of Canada .....	.75		32-219	Macaroni and Kindred Products Industry .....	.25	
32-010	Stocks of Fruit and Vegetables (Monthly) .....	.20	2.00	32-222	Sugar Refining Industry .....	.50	
32-011	Quarterly Stocks of Canned Fruits and Vegetables on Hand .....	.50	2.00	32-223	Vegetable Oils Industry .....	.50	
32-211	Canned Foods Summary .....	.50		32-224	Miscellaneous Food Preparations Industry .....	.50	
32-212	Canned and Frozen Processed Foods .....	.25		<b>Tobacco and Tobacco Products</b>			
32-216	Fish Processing Industry .....	.50		22-205	Leaf Tobacco Production and Value .....	.25	
32-217	Stocks of Food Commodities in Cold Storage and Other Warehouses .....	.50		32-014	Quarterly Stocks and Consumption of Unmanufactured Tobacco .....	.50	2.00
32-218	Fruit and Vegetables Preparations Industry .....	.50		32-225	Tobacco and Tobacco Products Industries .....	.50	

**Note:** In addition, several special statements are available. These include Monthly Meat Products, Monthly Stocks of Canned Foods, Monthly Production of Alfalfa Meal, Quarterly Bread and Bakery Products, 20 Seasonal Commodity Reports of Canned Fruits and Vegetables including Irish Potatoes.

*Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.*

## EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

### Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

### Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

### Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

### Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies



for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### **Factory Shipments**

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

### **Inventories**

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

### **Value Added by Manufacturing**

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.<sup>1</sup>

### **Standard Industrial Classification**

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

### **Short Forms**

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

# THE FLOUR MILLING INDUSTRY

1958

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 71 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 1914-18 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 the 1953 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 11.

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 later years, 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 <sup>1</sup>
thousands of dollars						
1951 <sup>2</sup> .....	—	—	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
1958.....	218,321	+300	218,621	173,438	1,818	43,365

<sup>1</sup> Historical series on "Value added by manufacture" included in Table 1.

<sup>2</sup> Previous years were computed as in 1951.

The gross value of shipments in the Flour Milling Industry amounted to \$218,321,216, an increase of some \$14 million over the previous year when \$204,376,285 was reported. By commodities, wheat flour accounted for 78 per cent of the total gross value of shipments and amounted to more than \$169 million; of this total, more than \$105 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 \$7,358,000 and \$5,180,000 respectively. In 1958 the total cost of raw materials used amounted to \$173,438,129. This included 2,804,113 tons of wheat valued at almost \$146 million which was the largest single item consumed. Cost of fuel and electricity in 1958 increased \$43,275 to \$1,818,495 and salaries and wages paid increased \$734,911 over 1957, while the number of employees reported was 4,412, a decrease of 5 from the previous year.

TABLE 1. Principal Statistics for the Years, 1926-58<sup>1</sup>

	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture <sup>2</sup>	Selling value of factory shipments
	number		dollars				
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 <sup>3</sup> .....	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	266, 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 .....	76	4, 572	15, 102, 725	1, 775, 351	187, 100, 113	33, 071, 027	221, 769, 944
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
1958							
Canada .....	71	4, 412	15, 949, 136	1, 818, 495	173, 438, 129	43, 364, 618	218, 321, 216
Quebec .....	4	677	2, 645, 355	237, 121	31, 771, 917	7, 014, 557	38, 953, 617
Ontario .....	40	1, 778	6, 712, 311	774, 344	70, 972, 443	15, 346, 301	87, 346, 778
Manitoba .....	7	497	1, 447, 802	189, 261	16, 015, 196	3, 649, 895	19, 604, 110
Saskatchewan and British Columbia .....	10	789	2, 950, 378	379, 098	30, 931, 407	10, 214, 990	41, 255, 487
Alberta .....	10	671	2, 193, 290	238, 671	23, 747, 166	7, 138, 875	31, 161, 224

<sup>1</sup> 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.

<sup>2</sup> See text.

<sup>3</sup> Newfoundland included beginning 1949.



TABLE 2. Shipments of Flour Mills by Classes and by Provinces, 1958

Products	Canada		Quebec	Ontario
	Quantity	Selling value at mill	Quantity	Quantity
		\$		
Wheat flour:				
Spring No. 1 or Top Patent including semolina ..... cwt.	7,286,525	33,775,096	<sup>2</sup>	1,828,706
Spring No. 2 Patent .....	11,947,972	49,205,006	<sup>2</sup>	5,154,842
Spring No. 3 Patent (Strong Bakers or Export Patent) .....	14,088,706	56,146,648	3,014,028	4,397,843
Whole wheat and Graham flour .....	461,966	1,837,771	<sup>2</sup>	193,589
Ontario winter wheat flour .....	2,784,358	11,198,073	<sup>2</sup>	2,772,193
Durum semolina and flour .....	752,463	3,553,542	<sup>2</sup>	
Lower grades of flour .....	2,705,556	9,505,130	<sup>2</sup>	804,424
All other .....	1,118,269	4,420,644	4,481,344	3,685,308
Total flour .....	41,145,815	169,641,910	7,495,372	16,016,709
Enriched flour, all grades combined .....	24,874,718	105,690,137	<sup>1</sup>	9,429,778
Non-enriched flour, all grades combined .....	16,271,097	63,951,773	<sup>1</sup>	6,586,931
Flour and meal, other:				
Prepared or self raising flour ..... ton	<sup>1</sup>	<sup>1</sup>	—	<sup>1</sup>
Barley flour .....	<sup>1</sup>	<sup>1</sup>	—	<sup>1</sup>
Barley meal .....	<sup>1</sup>	<sup>1</sup>	—	<sup>1</sup>
Rye flour .....	7,078	522,515	—	<sup>1</sup>
Rye meal .....	1,043	65,264	—	<sup>1</sup>
Corn flour .....	<sup>1</sup>	<sup>1</sup>	—	<sup>1</sup>
Corn meal .....	<sup>1</sup>	<sup>1</sup>	—	<sup>1</sup>
Buckwheat flour .....	<sup>1</sup>	<sup>1</sup>	—	<sup>1</sup>
Breakfast foods:				
Prepared breakfast food .....	<sup>1</sup>	<sup>1</sup>	—	—
Oatmeal .....	4,913	566,546	—	1,604
Rolled oats .....	38,877	7,358,776	—	<sup>1</sup>
Rolled or flaked wheat .....	<sup>1</sup>	<sup>1</sup>	—	<sup>1</sup>
Unprepared breakfast foods .....	3,542	543,517	—	<sup>1</sup>
Other products:				
Prepared cake mixes .....	9,914	5,180,971	<sup>1</sup>	<sup>1</sup>
Barley, pot and pearl .....	<sup>1</sup>	<sup>1</sup>	—	<sup>1</sup>
Corn, cracked .....	62	3,551	—	62
Shorts and middlings .....	380,934	15,558,772	64,124	153,988
Bran .....	303,110	11,273,828	55,474	118,239
Chopped grain feed <sup>3</sup> .....	18,166	934,625	<sup>1</sup>	10,960
Alfalfa meal .....	—	—	—	—
Offal, not otherwise specified .....	51,711	1,056,016	<sup>1</sup>	12,473
All other products .....	26,833	1,953,697	<sup>1</sup>	10,262
Prepared stock and poultry feeds:				
Calf feeds .....	481	45,775	—	126
Dairy and cattle feeds .....	3,674	300,562	—	1,795
Swine feeds .....	8,714	627,703	—	7,786
Poultry feeds:				
Chick starter .....	1,895	162,184	—	410
Broiler feeds .....	3,020	261,950	—	298
Growing mash .....	1,689	128,601	—	1,149
Laying and hatching mash .....	6,894	547,991	—	4,444
Fattening and finishing feeds .....	106	8,548	—	7
Scratch feed .....	614	47,316	—	569
All turkey feeds .....	<sup>1</sup>	<sup>1</sup>	—	<sup>1</sup>
Other mixed feeds .....	1,078	63,352	—	<sup>1</sup>
Mixed concentrates .....	<sup>1</sup>	<sup>1</sup>	—	—
Amount received in payment for work done on materials owned by others .....	—	173,229	—	—
<b>Total</b> .....	—	<b>218,321,216</b>	—	—

See footnotes at end of table.



TABLE 2. Shipments of Flour Mills by Classes and by Provinces, 1958 - Concluded

Products	Manitoba	Saskatchewan and British Columbia	Alberta
		quantity	
Wheat flour:			
Spring No. 1 or Top Patent including semolina ..... cwt.	2	2, 220, 057	997, 877
Spring No. 2 Patent .....	2	1, 170, 418	2, 422, 561
Spring No. 3 Patent (Strong Bakers or Export Patent) .....	2	3, 516, 083	1
Whole wheat and Graham flour .....	2	153, 698	2 58, 686
Ontario winter wheat flour .....	—	—	1
Durum semolina and flour .....	2	—	1
Lower grades of flour .....	2	368, 604	334, 798
All other .....	3, 870, 628	315, 415	2, 204, 909
Total flour .....	3, 870, 628	7, 744, 275	6, 018, 831
Enriched flour all grades combined .....	1	5, 031, 321	4, 384, 452
Non-enriched flour, all grades combined .....	1	2, 712, 954	1, 634, 379
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 .....	—	—	—
Buckwheat flour .....	—	—	—
Breakfast foods:			
Prepared breakfast foods .....	—	1	—
Oatmeal .....	1	1	—
Rolled oats .....	1	1	—
Rolled or flaked wheat .....	1	1	—
Unprepared breakfast foods .....	1	1	1
Other products:			
Prepared cake mixes .....	—	1	1
Barley, pot and pearl .....	—	1	—
Corn, cracked .....	—	—	—
Shorts and middlings .....	—	—	—
Bran .....	47, 187	63, 389	52, 246
Chopped grain feed <sup>1</sup> .....	23, 524	58, 092	47, 781
Alfalfa meal .....	—	—	—
Offal, not otherwise specified .....	1	30, 180	1
All other products .....	1	1	1
Prepared stock and poultry feeds:			
Calf feeds .....	1	1	1
Dairy and cattle feeds .....	1	—	1
Swine feeds .....	1	1	720
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	—	1
Mixed concentrates .....	—	—	1
Amount received from custom chopping and milling .....	—	—	—
<b>Total</b> .....	—	—	—

<sup>1</sup> Not available.

<sup>2</sup> Included in "All Other".

<sup>3</sup> 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, 1958

Materials	Canada		Quebec		Ontario	
	Quantity	Value	Quantity	Value	Quantity	Value
	tons	\$	tons	\$	tons	\$
Wheat .....	2,804,113	146,662,858	502,911	28,566,167	1,095,468	58,952,553
Oats .....	99,477	4,424,912	470	24,502	28,940	1,491,922
Barley .....	10,397	464,048	711	34,420	7,749	354,292
Rye .....	12,775	514,832	—	—	9,829	408,793
Corn .....	14,835	794,944	—	—	14,408	767,421
Buckwheat .....	485	20,014	—	—	485	20,014
Peas .....	—	—	—	—	—	—
Mixed grain for chopping .....	5,500	240,506	—	—	1,273	56,018
Other grains .....	788	28,708	—	—	566	25,172
Alfalfa .....	529	32,505	—	—	100	4,612
Vitamins .....	—	900,739	—	139,099	—	315,291
Mill feeds (bran, etc.) .....	4,323	173,737	—	—	2,544	108,527
Concentrates (all kinds) .....	4,255	431,853	—	—	3,408	347,384
Other ingredients used .....	5,561	451,877	—	—	630	61,284
All other materials including chemicals .....	—	3,236,532	—	303,037	—	2,632,080
Cost of containers purchased .....	—	13,774,187	—	2,562,780	—	4,830,911
Operating, maintenance and repair supplies .....	—	1,285,877	—	141,912	—	596,169
<b>Total .....</b>	<b>—</b>	<b>173,438,129<sup>1</sup></b>	<b>—</b>	<b>31,771,917</b>	<b>—</b>	<b>70,972,443</b>
	Manitoba		Saskatchewan and British Columbia		Alberta	
	Quantity	Value	Quantity	Value	Quantity	Value
	tons	\$	tons	\$	tons	\$
Wheat .....	265,007	13,449,550	528,033	25,362,516	412,694	20,332,072
Oats .....	23,561	939,738	45,090	1,897,717	1,416	71,033
Barley .....	365	13,140	794	29,283	778	32,913
Rye .....	—	—	—	—	2,946	106,039
Corn .....	—	—	—	—	427	27,523
Buckwheat .....	—	—	—	—	—	—
Peas .....	—	—	—	—	—	—
Mixed grains for chopping .....	—	—	—	—	4,227	184,488
Other grains .....	—	—	—	—	222	3,536
Alfalfa .....	—	—	—	—	429	27,893
Vitamins .....	—	68,740	—	183,491	—	194,118
Mill feeds (bran, etc.) .....	180	7,200	—	—	1,599	58,010
Concentrates (all kinds) .....	190	19,340	100	10,000	557	55,129
Other ingredients used .....	—	—	—	—	4,931	390,593
All other materials including chemicals .....	—	25,200	—	51,365	—	224,850
Cost of containers purchased .....	—	1,328,171	—	3,178,117	—	1,874,208
Operating, maintenance and repair supplies .....	—	164,117	—	218,918	—	164,761
<b>Total .....</b>	<b>—</b>	<b>16,015,196</b>	<b>—</b>	<b>30,931,407</b>	<b>—</b>	<b>23,747,166</b>

<sup>1</sup> Does not include office supplies used which amounted to \$192,070 in 1958.



**TABLE 4. Grains Used for Custom Chopping and Milling for Canada and the Provinces, 1958<sup>1</sup>**

	Wheat	Oats	Barley	Rye	Corn	Buck-wheat	Peas	Mixed grains	Total grains	Amount received for custom work
	tons									\$
<b>Canada</b> .....	<b>5,347</b>	<b>7,022</b>	<b>6,099</b>	—	<b>310</b>	—	—	<b>39,409</b>	<b>58,187</b>	<b>170,987</b>
Quebec .....	—	222	—	—	—	—	—	—	222	889
Ontario .....	2,205	4,759	3,946	—	310	—	—	17,774	28,994	73,198
Manitoba .....	1,743	1,324	1,126	—	—	—	—	847	5,040	18,249
Saskatchewan and British Columbia	750	—	—	—	—	—	—	1,216	1,966	19,612
Alberta .....	649	717	1,027	—	—	—	—	19,572	21,965	59,039

<sup>1</sup> See also The Feed Milling Industry.

**TABLE 5. Principal Statistics Classified According to Type of Ownership, 1957 and 1958**

Type	Establishment	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1957					
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				
<b>Total</b> .....	<b>73</b>	<b>4,417</b>	<b>15,214,225</b>	<b>168,634,527</b>	<b>204,376,285</b>
1958					
Individual ownership .....	11	45	99,639	1,024,968	1,240,815
Partnerships .....	11	70	229,304	1,282,928	1,604,401
Incorporated companies .....	47	4,297	15,620,193	171,130,233	215,476,000
Co-operatives .....	2				
<b>Total</b> .....	<b>71</b>	<b>4,412</b>	<b>15,949,136</b>	<b>173,438,129</b>	<b>218,321,216</b>

**TABLE 6. Consumption of Flour in Canada for Years, 1955-58**

	1955	1956	1957	1958
	hundredweight			
Production .....	40,295,111	40,052,819	37,358,649	41,145,815
Imports .....	4,533	9,318	1,541	719
<b>Total</b> .....	<b>40,299,644</b>	<b>40,062,137</b>	<b>37,360,190</b>	<b>41,146,534</b>
Exports .....	16,857,392	16,821,732	14,914,793	17,227,221
Available for consumption .....	23,442,252	23,240,405	22,445,397	23,919,313

TABLE 7. Size of Establishments, 1957 and 1958

Establishments having a production of	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
		number		dollars	
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
<b>Total</b> .....	<b>73</b>	<b>4,417</b>	<b>15,214,225</b>	<b>168,634,527</b>	<b>204,376,285</b>
Under \$50,000 .....	12	29	51,287	106,068	192,055
\$50,000 to \$99,999 .....	4	20	54,577	181,371	271,091
\$100,000 to \$199,999 .....	9	69	212,226	946,248	1,252,674
\$200,000 to \$499,999 .....	8	85	278,618	1,616,471	1,964,194
\$500,000 to \$999,999 .....	7	117	405,057	3,863,428	4,434,366
\$1,000,000 to \$4,999,999 .....	14	594	2,042,158	27,437,998	33,532,441
\$5,000,000 and over .....	17	3,498	12,905,213	139,286,545	176,674,395
<b>Total</b> .....	<b>71</b>	<b>4,412</b>	<b>15,949,136</b>	<b>173,438,129</b>	<b>218,321,216</b>

TABLE 8. Capital, Repair and Maintenance Expenditures, 1951-58

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	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 .....	347	1,773	2,120	501	1,045	1,546	848	2,818	3,666
1958 <sup>1</sup> .....	526	2,108	2,634	474	1,204	1,678	1,000	3,312	4,312

<sup>1</sup> Preliminary.

TABLE 9. Employees, Salaries and Wages, 1957 and 1958

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	
	number			\$			number			\$
<b>Canada</b> .....	<b>964</b>	<b>424</b>	<b>5,374,714</b>	<b>2,892</b>	<b>137</b>	<b>9,839,511</b>	<b>3,856</b>	<b>561</b>	<b>15,214,225</b>	
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	
<b>Canada</b> .....	<b>1,004</b>	<b>431</b>	<b>5,675,117</b>	<b>2,843</b>	<b>134</b>	<b>10,274,019</b>	<b>3,847</b>	<b>565</b>	<b>15,949,136</b>	
Quebec .....	207	57	1,064,231	410	3	1,581,124	617	60	2,645,355	
Ontario .....	354	193	2,329,867	1,191	40	4,382,444	1,545	233	6,712,311	
Manitoba .....	105	45	337,532	315	32	1,110,270	420	77	1,447,803	
Saskatchewan and British Columbia .....	210	75	1,230,417	471	33	1,719,961	681	108	2,950,378	
Alberta .....	128	61	713,070	456	26	1,480,220	584	87	2,193,290	



TABLE 10. Production Workers, by Months, 1957 and 1958

Months	1957		1958	
	Male	Female	Male	Female
	number			
January .....	2,911	147	2,782	124
February .....	2,915	134	2,790	117
March .....	2,860	140	2,853	138
April .....	2,846	135	2,893	120
May .....	2,837	118	2,881	106
June .....	2,817	105	2,877	117
July .....	2,867	122	2,752	128
August .....	2,853	128	2,703	119
September .....	2,938	167	2,837	156
October .....	2,974	167	2,930	170
November .....	2,976	140	2,969	157
December .....	2,861	133	2,863	156
<b>Average monthly employment</b> .....	<b>2,892</b>	<b>137</b>	<b>2,843</b>	<b>134</b>

TABLE 11. Daily Capacity and Production of Flour Mills, by Size Groups, 1957 and 1958

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.
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
<b>Total and average</b> .....	<b>73</b>	<b>192,970</b>	<b>100.0</b>	<b>2,643</b>	<b>37,498,154</b>	<b>100.0</b>	<b>513,673</b>
1958							
Under 200 cwt. ....	14	1,729	0.9	124	52,504	0.1	3,750
200 to 399 cwt. ....	16	4,080	2.2	255	464,406	1.1	29,025
400 to 599 " .....	3	1,200	0.7	400	212,512	0.5	70,837
600 to 999 " .....	9	7,375	4.0	819	1,403,522	3.4	155,947
1,000 to 1,999 " .....	5	7,110	3.8	1,422	1,511,321	3.7	302,264
2,000 to 5,999 " .....	13	44,820	24.2	3,448	11,192,544	27.2	860,965
6,000 to 9,999 " .....	7	55,700	30.0	7,957	15,584,272	37.8	2,226,324
10,000 cwt. and over .....	4	63,500	34.2	15,875	10,800,625	26.2	2,700,156
<b>Total and average</b> .....	<b>71</b>	<b>185,514</b>	<b>100.0</b>	<b>2,613</b>	<b>41,221,706</b>	<b>100.0</b>	<b>580,587</b>

TABLE 12. Inventory Values, 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total inventory
dollars				
Opening inventory <sup>1</sup> :				
<b>Canada</b> .....	<b>24,534,338</b>	<b>11,307</b>	<b>4,348,945</b>	<b>28,894,590</b>
Quebec .....	4,859,420	—	626,646	5,486,066
Ontario .....	9,541,191	10,000	1,662,029	11,213,220
Manitoba .....	1,007,135	—	403,694	1,410,829
Saskatchewan and British Columbia .....	5,273,705	1,307	714,092	5,989,104
Alberta .....	3,852,887	—	942,484	4,795,371
Closing inventory:				
<b>Canada</b> .....	<b>27,057,509</b>	<b>38,899</b>	<b>4,621,379</b>	<b>31,717,787</b>
Quebec .....	5,509,101	—	696,624	6,205,725
Ontario .....	10,256,908	38,000	1,380,339	11,675,247
Manitoba .....	996,482	—	653,936	1,650,418
Saskatchewan and British Columbia .....	6,276,283	899	984,508	7,261,690
Alberta .....	4,018,735	—	905,972	4,924,707

<sup>1</sup> 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, 1958

Province	Establish- ments	Pairs of rolls	Pairs of stones	Estimated maximum capacity per day
		number		cwt.
Quebec .....	4	394	—	27,100
Ontario .....	40	1,335	25	80,165
Manitoba .....	7	250	4	18,040
Saskatchewan and British Columbia .....	10	473	—	27,839
Alberta .....	10	484	—	32,250
<b>Canada</b> .....	<b>71</b>	<b>2,936</b>	<b>29</b>	<b>185,394</b>

TABLE 14. Imports of Milled Products and Grains by Quantity and Value, 1957 and 1958

Articles imported	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
Milled products:				
Wheat flour .....	cwt. 1,541	9,170	719	4,029
Buckwheat meal and flour .....	—	—	—	—
Cornmeal .....	bbl. 20,136	124,954	44,656	291,695
Malt flour .....	lb. 247,650	17,518	236,698	20,951
Rye flour .....	bbl. 2,329	14,642	2,254	13,608
Oatmeal and rolled oats .....	lb. 8,229	954	5,169	615
Barley, pot and pearl .....	" 19,564	2,028	—	—
Hominy, cracked, ground, etc. ....	cwt. 143,992	492,970	152,775	556,511
Bran and mill feed .....	" 46,600	88,785	70,127	61,155
Cereal food in packages .....	lb. 3,317,542	631,680	3,644,816	757,339
Cereal foods, n.o.p. ....	—	690,350	—	439,386
Semolina .....	—	—	—	—
<b>Total value of milled products imported</b> .....	—	<b>2,073,051</b>	—	<b>2,145,289</b>
Grains:				
Wheat .....	bu. 132,639	591,020	788	1,545
Oats .....	" 5,463	6,966	270	397
Barley, buckwheat and rye .....	" 1,947	4,251	134	201
Corn for all purposes .....	" 10,019,901	13,197,461	12,904,010	16,537,898
<b>Total value of grains imported</b> .....	—	<b>13,799,698</b>	—	<b>16,540,041</b>



TABLE 15. Exports of Milled Products and Grains by Quantity and Value, 1957 and 1958

Articles exported	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
<b>Milled products:</b>				
Rye flour .....	—	—	—	—
Wheat flour ..... cwt.	14,914,793	61,174,966	17,227,221	69,398,340
Oatmeal and rolled oats .....	56,454	542,186	57,229	650,613
Bran, shorts and middlings .....	1,826,499	3,860,207	2,028,869	4,186,845
Malt ..... bu.	4,947,655	9,750,860	5,596,815	10,684,501
Screenings .....	—	—	—	—
Cornmeal ..... bbl.	41,307	315,834	39,202	324,763
All other meals, n.o.p. .... cwt.	24	114	7	50
Cereal foods, prepared, all kinds .....	—	1,052,816	—	316,207
<b>Total value of milled products exported .....</b>	<b>—</b>	<b>76,696,983</b>	<b>—</b>	<b>85,561,319</b>
<b>Grains:</b>				
Wheat ..... bu.	230,161,005	380,414,579	271,795,867	446,078,067
Oats .....	29,941,328	22,389,769	16,956,506	13,015,932
Barley .....	61,376,567	67,522,202	74,622,732	78,118,327
Corn .....	82,261	549,033	111,102	671,211
Rye .....	4,432,468	4,744,322	6,155,326	6,739,465
Buckwheat .....	286,966	371,275	354,994	426,768
<b>Total value of grains exported .....</b>	<b>—</b>	<b>475,991,180</b>	<b>—</b>	<b>545,049,770</b>

TABLE 16. Consumption of Fuel and Electricity, 1957 and 1958

Kind	1957		1958	
	Quantity	Cost at plant	Quantity	Cost at plant
		\$		\$
Bituminous coal (a) From Canadian mines ..... ton	1,516	17,158	1,708	19,692
(b) Imported .....	4,950	59,047	5,599	67,624
Sub-bituminous coal (from Alberta mines only) .....	—	—	—	—
Anthracite coal .....	579	10,751	368	6,879
Lignite coal .....	7,804	41,400	6,812	35,942
Coke (for fuel only) .....	20	300	—	—
Gasoline ..... Imp. gal.	507,238	185,854	522,146	197,711
Fuel oil including kerosene or coal oil .....	2,069,226	214,465	1,928,405	180,641
Wood ..... cord	31	440	29	553
Gas (a) Liquefied petroleum gases (propane etc.) ..... Imp. gal.	4,500	945	3,995	839
(b) Other manufactured gas .....	—	—	—	—
(c) Natural gas ..... M cu. ft.	183,305	42,747	163,706	49,347
Other fuel .....	—	4,588	—	4,665
Electricity purchased ..... kwh.	122,791,946	1,197,525	131,570,075	1,254,602
<b>Total cost of fuel and electricity .....</b>	<b>—</b>	<b>1,775,220</b>	<b>—</b>	<b>1,818,495</b>

TABLE 17. Power Equipment, 1953 and 1958

Type of equipment	1953	1958
	horsepower	
Steam engines and steam turbines .....	1,725	1,350
Diesel engines .....	732	398
Gasoline, gas and oil engines, other than diesel engines .....	231	182
Hydraulic turbines or water wheels .....	11,082	8,142
<b>Total</b> .....	<b>13,770</b>	<b>10,072</b>
Electric motors (one-quarter horsepower and over).....	66,975	60,460

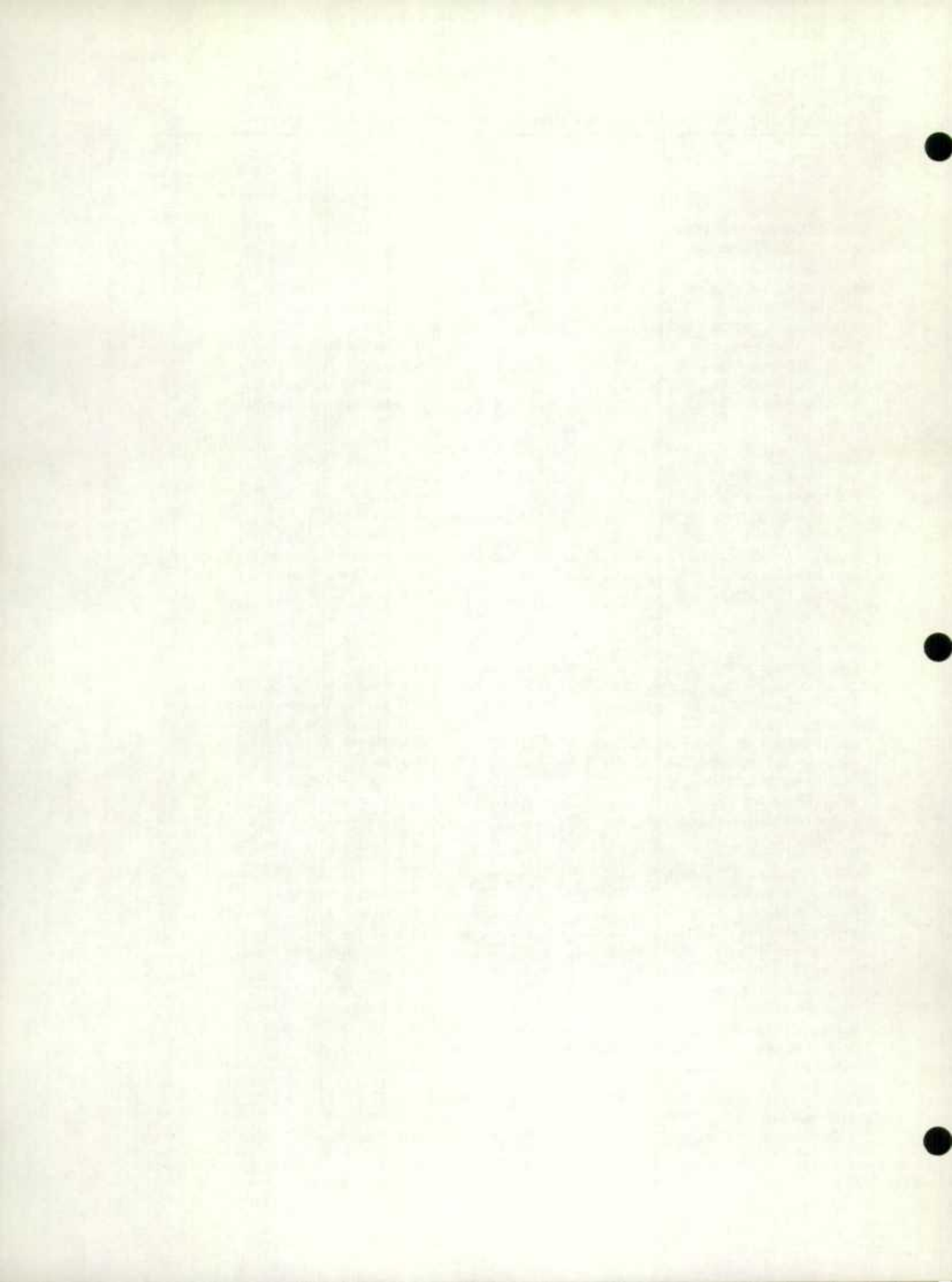
## List of Firms in the Flour Milling Industry, 1958

Name of firm	Address
<b>Quebec:</b>	
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
<b>Ontario:</b>	
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
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, Gal.
Pillsbury of Canada Ltd. ....	206 King St., Midland

## List of Firms in the Flour Milling Industry, 1958 - Concluded

Name of firm	Address
<b>Ontario—Concluded:</b>	
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
<b>Manitoba:</b>	
Benito Flour & Feed .....	Benito
Harrison Milling & Grain Co. ....	Holmfild
Kent Flour Mills, Ltd., B.P. ....	Virden
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
<b>Saskatchewan:</b>	
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
<b>Alberta:</b>	
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
<b>British Columbia:</b>	
Master Baker Flour Mills, Ltd. ....	1315 E. Hastings St., Vancouver







STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010751690