

32-2153

Mr. Dick
De L...

JAN 4 0 1955



THE FLOUR MILLING INDUSTRY 1954



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Foods and Beverages Section

6513-507-124

Price 25 cents

Vol. 2—Part III—F-1

212-512

STAT U - 1941

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, 25¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 25¢
 - 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¢
- L—The Distilling Industry, 25¢
- M—The Brewing Industry, 25¢
- N—The Wine Industry, 25¢
- O—The Confectionery Industry, 25¢
- 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

1954

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. Approximately one hundred 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 last war. Exports of wheat flour to all countries which averages 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 great 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 of 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 foods 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.

The total value of all shipments of the Flour Milling Industry in 1954 amounted to \$232,363,041, a decrease of 12.8 per cent from \$266,430,548 recorded in 1953. It should be noted that ten mills discontinued operations in this period, five in Ontario, one in Manitoba, two in Saskatchewan and two in Alberta.

Although some enriched flour had been produced in Canada previously for export, the general programme of enrichment first took place in 1953. Table 2 shows the production of enriched and non-enriched flour separately by types for Canada and the provinces for 1954.

Out of the total value of shipments of more than \$232,363,000 in 1954, the total value of the shipments of flour amounted to \$180,178,101. Next in importance were the shipments of more than \$31,049,800 worth of bran, shorts and middlings while certain types of especially prepared flour and milled products amounted to slightly over \$9,871,000. It should be noted that the shipments of Prepared

Cake Mixes in this industry alone approached \$6,588,000 while the total value of shipments of Prepared Stock and Poultry Feeds including concentrates and custom chopping approximated \$3,178,700.

While the value of wheat flour shipments from plant decreased 13.0 per cent in 1954 compared to 1953, the physical volume of shipments decreased 4.3 per cent in the same period. This indicates an increase in unit value.

There was little change in the number of workers employed in the industry in 1954 when 4,934 employees were reported compared with 4,962 in the previous year. Total salaries and wages for 1954 were approximately \$490,561 more than 1953 and rose to \$15,436,871. Of total employment, 1,316 employees were used in the administrative and clerical end of the industry and drew about \$53,013 more than in 1953. The number of wage-earners was 3,618 and the industry paid them \$10,630,046 in wages, an increase of \$437,548 over 1953.

The total cost of raw materials amounted to \$195,322,299 in 1954. This includes the cost of grain, mill feeds, concentrates, vitamins and packing materials. Purchases of wheat amounted to slightly more than \$169,282,000 while the cost of containers and packing materials amounted to \$14,278,827. The next largest item of expense was that of oats which amounted to \$4,934,958 while other grains purchased including mixed grain for chopping amounted to approximately \$1,941,100.

Comparing some of the principal products of manufacture, it is noted that the volume of flour shipped showed a reduction to 21,098,859 barrels, about 2,470,757 barrels less than 1953. Exports of flour decreased slightly more than 1,070,100 barrels from 1953. Because of this drop in exports, the amount of all types of flour available for domestic consumption amounted to 11,025,867 barrels, a decrease of approximately 1,276,284 barrels less than 1953, but an increase of 774,961 barrels over 1952.

TABLE 1. Principal Statistics for the Years, 1924-1954

	Estab- lish- ments	Em- ployees	Earnings	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture	Selling value of factory shipments
	No.	No.	\$	\$	\$	\$	\$
1924	457	5,585	7,160,527	1,340,886	127,121,425	23,696,407	152,158,718
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	5,733,703	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	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							
Canada	95	4,962	14,946,310	1,650,066	224,518,387	40,262,095	266,430,548
Quebec	4	598	2,180,988	161,863	26,799,880	5,808,690	32,770,433
Ontario	55	2,172	6,806,826	682,121	101,470,921	17,346,294	119,499,336
Manitoba	8	543	1,318,422	171,068	23,657,789	3,008,136	26,836,993
Saskatchewan and British Columbia	14	780	2,492,026	396,225	37,779,735	9,616,136	47,792,096
Alberta	14	869	2,148,048	238,789	34,810,062	4,482,839	39,531,690
1954							
Canada	85	4,934	15,436,871	1,676,219	195,322,299	35,031,653	232,363,041
Quebec	4	645	2,451,047	167,015	26,966,077	4,402,650	31,512,365
Ontario	50	2,120	6,721,094	699,823	84,424,307	14,834,418	99,965,927
Manitoba	7	581	1,539,306	179,249	20,041,857	2,187,328	22,473,355
Saskatchewan and British Columbia	12	841	2,679,717	402,238	37,453,349	9,985,869	48,009,432
Alberta	12	747	2,045,707	227,894	26,436,709	3,621,388	30,401,962

TABLE 2. Shipments of Flour Mills by Classes and by Provinces, 1954

Products	Canada		Quebec	Ontario
	Quantity	Selling value at mill	Quantity	Quantity
		\$		
Spring No. 1 or Top Patent, including Semolina:				
(a) Enriched	bbl. 3, 227, 011	31, 292, 194	294, 459	983, 354
(b) Non-enriched	" 620, 203	5, 774, 793	55, 224	159, 331
Spring No. 2 Patent:				
(a) Enriched	" 4, 241, 537	35, 537, 845	508, 608	1, 824, 736
(b) Non-enriched	" 1, 933, 255	16, 900, 210	28, 701	853, 433
Spring No. 3 Patent (Strong Bakers or Export Patent):				
(a) Enriched	" 2, 693, 074	23, 313, 816	544, 934	770, 018
(b) Non-enriched	" 4, 405, 954	36, 233, 544	852, 903	1, 785, 421
Ontario Winter wheat flour:				
(a) Enriched	" 404, 662	2, 960, 604	—	404, 662
(b) Non-enriched	" 1, 290, 068	9, 956, 690	—	1, 290, 068
Durum Semolina and flour:				
(a) Enriched	" 39, 204	316, 514	—	—
(b) Non-enriched	" 610, 649	5, 376, 133	398, 417	140, 788
Lower grades of flour:				
(a) Enriched	" 202, 130	1, 365, 943	14, 114	163, 152
(b) Non-enriched	" 494, 353	3, 637, 188	13, 142	224, 335
All Other	" 640, 571	5, 060, 729	87, 191	306, 598
Flour and meal, other:				
Whole wheat and Graham flour	" 296, 188	2, 451, 898	4, 214	119, 180
Prepared or self raising flour	tons —	—	—	—
Barley flour	" 287	16, 359	—	287
Barley meal	" —	—	—	—
Rye flour	" 5, 301	326, 745	—	4, 059
Rye meal	" 295	17, 448	—	180
Corn flour	" 353	34, 290	—	353
Corn meal	" 3, 761	474, 871	—	3, 761
Buckwheat flour	" 28	2, 200	—	28
Breakfast foods:				
Prepared breakfast food	tons 763	179, 100	613	—
Oatmeal	" 3, 223	268, 559	—	850
Rolled oats	" 46, 081	6, 834, 317	—	9, 737
Rolled or flaked wheat	" 1, 479	168, 680	—	244
Unprepared breakfast foods	" 5, 030	724, 810	—	2, 622
Other products:				
Prepared cake mixes	tons 14, 518	6, 588, 746	2	2
Barley, Pot and pearl	" 1, 375	187, 312	—	442
Corn, cracked	" 80	5, 720	—	80
Shorts and middlings	" 368, 764	17, 866, 474	47, 932	171, 233
Bran	" 295, 434	13, 183, 372	34, 608	125, 745
Chopped grain feed ¹	" 26, 900	1, 467, 656	1, 956	17, 538
Alfalfa meal	" —	—	—	—
Offal, not otherwise specified	" 51, 969	1, 496, 470	1, 879	10, 399
All other products	" 9, 646	630, 749	1, 720	4, 010
Prepared stock and poultry feeds:				
Calf meals	tons 215	18, 758	—	150
Dairy and cattle feeds	" 2, 126	134, 348	—	1, 343
Swine feeds	" 9, 172	593, 989	—	8, 946
Poultry feeds:				
Chick starter	" 868	79, 141	—	626
Growing mash	" 2, 101	159, 421	—	1, 769
Laying and hatching mash	" 5, 463	417, 569	—	4, 642
Fattening and finishing feeds	" 345	26, 731	—	243
Scratch feed	" 1, 033	66, 235	—	1, 014
All turkey feeds	" 186	18, 511	—	47
Other mixed feeds	tons 212	16, 835	—	166
Mixed concentrates	tons 47	5, 569	—	—
Amount received from custom chopping and milling	—	175, 955	—	—
Total	23	232, 363, 041	—	—

1. 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.

2. Not Available.

TABLE 2. Shipments of Flour Mills by Classes and by Provinces, 1954 - Concluded

Products	Manitoba	Saskatchewan and British Columbia	Alberta
		Quantity	
Spring No. 1 Top Patent, including Semolina:			
(a) Enriched	391, 178	1, 001, 164	556, 856
(b) Non-enriched	62, 568	326, 317	16, 763
Spring No. 2 Patent:			
(a) Enriched	845, 874	249, 176	813, 143
(b) Non-enriched	393, 111	534, 873	123, 137
Spring No. 3 Patent (Strong Bakers or Export Patent):			
(a) Enriched	167, 282	578, 964	631, 876
(b) Non-enriched	112, 199	1, 104, 100	551, 331
Ontario Winter Wheat flour:			
(a) Enriched	—	—	—
(b) Non-enriched	—	—	—
Durum Semolina and flour:			
(a) Enriched	27, 000	—	12, 204
(b) Non-enriched	1, 248	—	70, 196
Lower grades of flour:			
(a) Enriched	585	1, 940	22, 339
(b) Non-enriched	127, 587	13, 431	115, 858
All other	14, 041	187, 997	44, 744
Flour and meal, other:			
Whole wheat and Graham flour	52, 189	82, 082	38, 523
Prepared or self raising flour	—	—	—
Barley flour	—	—	—
Barley meal	—	—	—
Rye flour	—	—	1, 242
Rye meal	—	—	115
Corn flour	—	—	—
Corn meal	—	—	—
Buckwheat flour	—	—	—
Breakfast foods:			
Prepared breakfast foods	—	150	—
Oatmeal	635	1, 688	50
Rolled oats	10, 987	24, 565	792
Rolled or flaked wheat	167	82	986
Unprepared breakfast foods	1, 734	—	674
Other products:			
Prepared cake mixes	—	—	2 2
Barley, pot and pearl	—	894	39
Corn, cracked	—	—	—
Shorts and middlings	42, 094	58, 357	49, 148
Bran	24, 162	66, 499	44, 420
Chopped grain feed ¹	298	449	6, 659
Alfalfa meal	—	—	—
Offal, not otherwise specified	6, 507	30, 712	2, 472
All other products	—	1, 674	2, 242
Prepared stock and poultry feeds:			
Calf meal	8	8	49
Dairy and cattle feeds	96	52	635
Swine feeds	115	49	62
Poultry feeds:			
Chick starter	35	78	129
Growing mash	24	26	282
Laying and hatching mash	62	49	710
Fattening and finishing feeds	21	1	80
Scratch feed	—	17	2
All turkey feeds	—	25	114
Other mixed feeds	—	16	30
Mixed concentrates	—	33	14
Amount received for custom chopping and milling	—	—	—
Total	—	—	—

1. 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.

2. Not available.

TABLE 3. Materials Used in Flour Mills, by Provinces, 1954

Materials	Canada		Quebec		Ontario	
	Quantity	Value	Quantity	Value	Quantity	Value
	Tons	\$	Tons	\$	Tons	\$
Wheat	2,793,698	169,282,705	365,221	23,574,805	1,202,002	73,896,720
Oats	108,576	4,934,958	560	32,429	30,718	1,583,349
Barley	12,170	584,316	1,287	64,691	7,694	373,779
Rye	8,288	331,739	—	—	6,513	261,633
Corn	10,612	641,322	—	—	10,607	640,992
Buckwheat	68	2,940	—	—	68	2,940
Peas	—	—	—	—	—	—
Mixed grain for chopping	7,477	326,719	—	—	4,313	227,249
Other grains	865	43,619	—	—	865	43,619
Alfalfa	169	10,475	—	—	100	5,556
Vitamins	—	1,145,312	—	163,582	—	444,953
Mill feeds (bran, etc.)	3,301	164,039	—	—	2,539	138,239
Concentrates (all kinds)	3,889	405,454	—	—	3,638	381,139
Other ingredients used	940	80,530	—	—	541	38,029
All other materials	—	3,089,614	—	1,423,176	—	1,271,182
Cost of containers purchased	—	14,278,557	—	1,707,394	—	5,114,928
Total	—	195,322,299	—	26,966,077	—	84,424,307
	Manitoba		Saskatchewan and British Columbia		Alberta	
	Quantity	Value	Quantity	Value	Quantity	Value
	Tons	\$	Tons	\$	Tons	\$
Wheat	296,314	17,551,322	529,178	30,996,993	400,982	23,262,865
Oats	21,422	937,026	51,704	2,195,302	4,172	186,852
Barley	277	9,726	1,948	90,037	964	46,083
Rye	—	—	—	—	1,775	70,106
Corn	1	90	4	240	—	—
Buckwheat	—	—	—	—	—	—
Peas	—	—	—	—	—	—
Mixed grains for chopping	—	—	1	46	3,163	99,424
Other grains	—	—	—	—	—	—
Alfalfa	—	—	7	188	62	4,731
Vitamins	—	123,135	—	202,359	—	211,283
Mill feeds (bran, etc.)	94	4,080	73	2,847	595	18,873
Concentrates (all kinds)	63	5,790	130	12,934	58	5,591
Other ingredients used	—	—	9	770	390	41,731
All other materials	—	177,932	—	69,965	—	147,359
Cost of containers purchased	—	1,232,756	—	3,881,668	—	2,341,811
Total	—	20,041,857	—	37,453,349	—	26,436,709

TABLE 4. Grains Used for Custom Chopping and Milling for Canada and the Provinces, 1954

	Wheat	Oats	Barley	Rye	Corn	Buck- wheat	Peas	Mixed grains	Total grains	Amount received for custom work
	Tons									\$
Canada	6,076	7,580	4,587	-	354	-	-	50,115	68,712	175,955
Quebec	-	280	-	-	-	-	-	-	280	980
Ontario	2,016	5,061	1,809	-	354	-	-	25,179	34,419	80,270
Manitoba	240	930	1,294	-	-	-	-	-	2,464	7,339
Saskatchewan and British Columbia....	3,249	47	37	-	-	-	-	2,015	5,348	37,480
Alberta	571	1,262	1,447	-	-	-	-	22,921	26,201	48,886

TABLE 5. Principal Statistics Classified According to Type of Ownership, 1953-1954

Type	Establish- ments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1953					
Individual ownership	16	63	110,618	1,183,333	1,407,091
Partnerships	17	126	298,417	2,136,206	2,626,940
Incorporated companies	60	4,773	14,537,275	221,198,848	262,396,517
Co-operatives	2				
Total	95	4,962	14,946,310	224,518,387	266,430,548
1954					
Individual ownership	15	73	146,832	3,013,444	3,448,141
Partnerships	12	90	219,911	1,339,914	1,732,920
Incorporated companies	58	4,771	15,070,128	190,968,941	227,181,980
Co-operatives	1				
Total	86	4,934	15,436,871	195,322,299	232,363,041

TABLE 6. Consumption of Flour in Canada for Years, 1951-1954

	1951	1952	1953	1954
	Bbl.			
Production	23,377,835	23,492,848	23,445,532	21,098,859
Imports	1,752	4,327	833	1,069
Total	23,379,587	23,497,175	23,446,365	21,099,928
Exports	12,078,671	13,246,269	11,144,214	10,074,061
Available for Consumption	11,300,916	10,250,906	12,302,151	11,025,867

TABLE 7. Size of Establishments, 1953 and 1954

Establishments having a production of	Estab- lish- ments	Employees	Earnings	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1953					
Under \$50,000	16	29	34,769	148,215	202,129
\$50,000 to \$99,999	9	46	91,416	515,533	669,666
\$100,000 to \$199,999	13	91	207,210	1,687,451	2,059,548
\$200,000 to \$499,999	9	105	258,567	2,040,316	2,579,507
\$500,000 to \$999,999	9	178	491,270	6,329,678	7,642,817
\$1,000,000 to \$4,999,999	20	777	2,162,516	38,338,932	45,296,103
\$5,000,000 and over	19	3,736	11,700,562	175,458,262	207,980,778
Total	95	4,962	14,946,310	224,518,387	266,430,548
1954					
Under \$50,000	15	43	65,920	157,055	245,178
\$50,000 to \$99,999	5	33	74,290	299,433	396,346
\$100,000 to \$199,999	13	96	235,812	1,533,908	1,925,668
\$200,000 to \$499,999	8	96	274,163	1,868,748	2,463,157
\$500,000 to \$999,999	9	143	396,111	5,739,868	6,775,047
\$1,000,000 to \$4,999,999	20	982	2,893,621	41,199,030	48,307,252
\$5,000,000 and over	15	3,541	11,496,954	144,524,257	172,250,393
Total	85	4,934	15,436,871	195,322,299	232,363,041

TABLE 8. Capital, Repair and Maintenance Expenditures, 1950-1954

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)									
1950	719	2,276	2,995	181	1,488	1,669	900	3,764	4,664
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	563	2,210	2,773	172	1,379	1,551	735	3,589	4,324

TABLE 9. Employees and their Earnings, 1953-1954

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
	No.	No.	\$	No.	No.	\$	No.	No.	\$
1953									
Canada	895	435	4,753,812	3,474	158	10,192,498	4,369	593	14,946,310
Quebec	147	56	898,293	395	—	1,282,695	542	56	2,180,988
Ontario	370	153	1,999,730	1,608	41	4,807,096	1,978	194	6,806,826
Manitoba	90	67	383,203	345	41	935,219	435	108	1,318,422
Saskatchewan and British Columbia	146	91	848,545	517	26	1,643,481	663	117	2,492,026
Alberta	142	68	624,041	609	50	1,524,007	751	118	2,148,048
1954									
Canada	879	437	4,806,825	3,465	153	10,630,046	4,344	590	15,436,871
Quebec	144	52	912,241	445	4	1,538,806	589	56	2,451,047
Ontario	364	170	2,035,622	1,551	35	4,685,472	1,915	205	6,721,094
Manitoba	101	62	420,975	365	53	1,118,331	466	115	1,539,306
Saskatchewan and British Columbia	143	88	840,107	572	38	1,839,610	715	126	2,679,717
Alberta	127	65	597,880	532	23	1,447,827	659	88	2,045,707

TABLE 10. Production Workers, by Months, 1953 - 1954

Months	1953		1954	
	Male	Female	Male	Female
	Numbers			
January	3,424	142	3,378	124
February	3,439	153	3,428	154
March	3,449	143	3,416	144
April	3,564	138	3,457	135
May	3,398	112	3,472	133
June	3,403	137	3,497	121
July	3,486	172	3,492	123
August	3,506	194	3,547	157
September	3,487	173	3,485	219
October	3,535	192	3,506	187
November	3,545	184	3,478	173
December	3,420	154	3,371	136
Average monthly employment	3,474	158	3,465	153

TABLE 11. Daily Capacity of Flour Mills, 1953 - 1954

Capacity of mills per day of 24 hours	Number of mills	Total capacity of the mills in each group	Average per establishment	Per cent of total	Number of barrels produced during the year	Average per establishment	Per cent of total
	No.	Barrels	Barrels	%	Barrels	Barrels	%
1953							
Under 100 barrels	19	1,023	54	1.0	32,876	1,730	0.1
100 to 199 barrels	23	2,845	124	2.7	304,187	13,225	1.3
200 to 299 barrels	6	1,285	214	1.3	200,052	33,342	0.9
300 to 499 barrels	11	4,050	368	4.0	864,468	78,588	3.7
500 to 999 barrels	9	5,750	639	5.7	1,193,983	132,665	5.1
1,000 to 2,999 barrels	16	26,530	1,658	26.2	6,579,870	411,242	28.0
3,000 to 4,999 barrels	7	25,950	3,707	25.5	6,765,425	966,489	28.9
5,000 barrels and over	4	34,000	8,500	33.6	7,504,671	1,876,167	32.0
Total and average	95	101,433	1,068	100.0	23,445,532	246,795	100.0
1954							
Under 100 barrels	16	878	55	0.9	36,585	2,287	0.2
100 to 199 barrels	19	2,290	121	2.2	186,166	9,798	0.9
200 to 299 barrels	5	1,085	271	1.1	164,609	41,152	0.8
300 to 499 barrels	10	3,650	405	3.7	759,994	84,444	3.6
500 to 999 barrels	9	5,950	661	6.0	1,042,536	115,837	4.9
1,000 to 2,999 barrels	15	25,850	1,723	25.8	6,014,769	400,985	28.5
3,000 to 4,999 barrels	7	25,950	3,707	25.9	6,477,514	925,359	30.7
5,000 barrels and over	4	34,400	8,600	34.4	6,416,686	1,604,171	30.4
Total and average	85	100,053	1,177	100.0	21,098,859	248,222	100.0

TABLE 12. Inventory Values

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total Inventory
	\$	\$	\$	\$
Opening	29,649,922	488,375	8,096,912	38,235,209
Closing	26,803,645	426,289	7,764,042	34,993,976

TABLE 13. Equipment and Capacity of Flour Mills, 1954

Province	Establishments	Pairs of rolls	Pairs of stones	Estimated maximum capacity per day
	Nos.	No.	No.	Bbl.
Quebec.....	4	442	—	10,300
Ontario.....	50	1,395	25	47,913
Manitoba.....	7	277	2	10,775
Saskatchewan and British Columbia.....	12	462	—	14,840
Alberta.....	12	506	—	16,225
Canada.....	85	3,082	27	100,053

TABLE 14. Imports of Milled Products and Grains by Quantity and Value, 1953-1954

Articles imported	1953		1954	
	Quantity	Value	Quantity	Value
		\$		\$
Milled products:				
Wheat flour..... bbl.	833	10,937	1,069	15,043
Buckwheat meal and flour..... cwt.	—	—	52,713	143,059
Cornmeal..... bbl.	4,895	45,993	5,272	49,560
Malt flour..... lb.	356,200	29,026	539,300	40,770
Rye flour..... bbl.	2,152	15,124	1,166	9,032
Oatmeal and rolled oats..... lb.	425,175	40,286	7,358	1,161
Barley, pot and pearl..... lb.	12,576	1,093	6,660	872
Hominy, cracked, ground, etc..... cwt.	105,119	501,052	122,708	498,583
Bran and mill feed..... "	25,716	90,642	52,713	143,059
Cereal food in packages..... lb.	1,980,699	560,842	4,998,894	1,033,423
Cereal foods, n.o.p..... "	—	281,231	—	476,219
Semolina..... bbl.	—	—	—	—
Total value of milled products imported.....	—	1,576,206	—	2,410,781
Grains:				
Wheat..... bu.	6,838	26,830	296,988	2,354,425
Oats..... "	11,425	18,143	11,888	18,787
Barley, buckwheat and rye..... "	2,224	3,665	5,448	12,569
Corn for all purposes..... "	4,201,939	7,509,984	6,522,630	10,763,310
Total value of grains imported.....	—	7,558,622	—	13,149,091

TABLE 15. Exports of Milled Products and Grains by Quantity and Value, 1953-1954

Articles exported	1953		1954	
	Quantity	Value	Quantity	Value
		\$		\$
Milled products:				
Rye flour..... bbl.	—	—	—	—
Wheat flour..... "	11,144,214	102,160,443	10,074,061	88,029,251
Oatmeal and rolled oats..... cwt.	84,965	638,933	121,617	889,430
Bran, shorts and middlings..... "	4,144,097	9,936,862	3,230,503	7,564,942
Malt..... bu.	3,293,579	7,354,739	4,001,365	8,143,562
Screenings..... cwt.	—	—	—	—
Cornmeal..... bbl.	22,083	187,558	32,847	264,671
All other meals, n.o.p..... cwt.	30,979	97,104	9,166	18,516
Cereal foods, prepared, all kinds..... "	—	66,776	—	232,996
Total value of milled products exported.....	—	120,442,415	—	105,143,368
Grains:				
Wheat..... bu.	290,073,264	567,906,882	208,262,422	375,338,552
Oats..... "	80,392,982	60,402,612	40,244,444	32,466,768
Barley..... "	109,372,478	136,729,411	77,013,034	89,363,114
Corn..... "	1,286,270	2,466,579	466,956	922,668
Rye..... "	17,130,477	20,186,293	8,366,087	8,796,353
Buckwheat..... "	477,439	611,780	562,481	714,829
Total value of grains exported.....	—	788,303,557	—	507,602,284

List of Firms in the Flour Milling Industry, 1954

Name of Firm	Address
Quebec:	
Eastern Canada Flour Mills Ltd.	4394 St. Ambrose St. Montreal
McDonald & Robb Limited	70 Chausee St. Valleyfield
The Ogilvie Flour Mills Co. Ltd.	P.O. Box 6089, Montreal
St. Lawrence Flour Mills Co. Ltd., The	2110 Notre Dame St. West, Montreal
Ontario:	
Acton Flour Mills	62 Mill St., Acton
Almonte Flour Mills, Limited	P.O. Box 60, Almonte
Arva Flour Mills	Arva
Aurora Milling Co. Limited	Wellington St., Aurora
Brooklin Flour Mills	Box 45, Brooklin
Caledonia Milling Co. Ltd.	Caledonia
Campbell & McNab	Douglas
Cannington Flour & Feed Mill	Cannington
Carson, John H.	Ancaster
Cherry & Sons Limited, S.J.	166 King St., Preston
Collingwood Milling Co., The	P.O. Box 311, Collingwood
Comber Farmers Co-operative, Inc.	Main St., Comber
Copeland Flour Mills, Limited	206 King St., Midland
Copeland Milling Company	Elmvale
Cullen & Sons Limited, James	107 Wilson St., Woodstock
Dewart Milling Co., Limited	93 Simcoe St., Peterborough
Dutton Flour Mills	Main St., Dutton
Great Star Flour Mills, Limited	Water St., St. Mary's
Hawken Milling Company	Wallaceburg
Hayhoe Bros.	Pine Grove
Henkel's Flour Mill	Chesley
Hillsdale Flour & Feed Mills	Hillsdale
Hogg & Sons Ltd., George	Thamesford
Hortop & Son, W.H.	Everton
Howson & Howson, Ltd.	Blyth
Hunt Milling Corp. Limited, The	Nightingale Avenue, London
King Milling Co. of Sarnia Ltd., The	209 Front St. N., Sarnia
Knechtel & Son, Limited, Wm.	Hanover
Lake of the Woods Milling Co. Ltd.	16 South Market St., Brantford
Lake of the Woods Milling Co. Ltd.	Keewatin
Lang Flour Mill	Lang
McCarthy Milling Co. Limited	Streetsville
McLean Estate, John	Palgrave
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 Milling Co. Limited	69 Ainslie St., South, Galt
Quaker Oats Company of Canada Limited, The	Peterborough
Reid Milling Co. Limited	Streetsville
Robin Hood Flour Mills, Limited	Humberstone
Rock & Son, John	R.R. No. 2, Tillsonburg
Shantz, Limited, A.J.	R.R. No. 1, Hespeler
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	Cor. Maria and Decew, Tavistock
Taylor Co. Limited, The T.H.	14 William St. N., Chatham
Treleaven Milling Co. Limited	Lucknow
Vanstone Flour & Feed Mill	116 King St. W., Bowmanville
Manitoba:	
Benito Flour & Feed	Benito
Harrison Milling & Grain Co	Holmfield
Kent Flour Mills, Ltd., B.P.	Virde
Midland Flour Mills, Ltd.	350 Archibald St., St. Boniface
Ogilvie Flour Mills Co. Ltd., The	39 Higgins Ave., Winnipeg
Purity Flour Mills, Limited	480 Archibald St., St. Boniface
Soo Line Mills, Limited	7 Higgins Ave., Winnipeg
Steinbach Flour Mills	Steinbach

List of Firms in the Flour Milling Industry, 1954 - Concluded

Name of Firm	Address
Saskatchewan:	
Esterhazy Flour Mill	Esterhazy
McNab Flour Mills Limited	Fumboldt
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
Lake of the Woods Milling Co. Ltd.	South Railway St. Medicine Hat
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
Purity Flour Mills, Limited	14th St. E., at 17th Avenue, Calgary
Renown Mills, Ltd.	Bonnybrook Road, Calgary
Robin Hood Flour Mills, Ltd.	Ninth Avenue & Fourth St. W., Calgary
St. Paul Flour Mill, Ltd.	St. Paul
Sterling Flour Mills, Limited	P.O. Box 53, Strome
Vulcan Flour Mill	Vulcan
British Columbia:	
Delta Flour Mills, Ltd.	R.R. No. 3, Vancouver
Master Baker Flour Mills, Ltd.	1315 E. Hastings St., Vancouver



STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010751678