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*R. Gosselin*

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THE FLOUR AND FEED MILLING  
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# THE FLOUR AND FEED MILLING INDUSTRIES

1950

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## NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus
- XVI Non-metallic Mineral Products
- XVII Coke and Gas—Petroleum Refining
- XVIII Chemicals and Allied Products

The present report belongs in Group 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, 50¢.
- B The Slaughtering and Meat Packing, and Sausage and Sausage Casings Industries, 25¢.
- C The Dairy Factory Industry, 50¢.
- D The Fish Curing and Packing Industry, 25¢.
- E The Fruit and Vegetable Preparations Industry, 35¢.
- F The Flour and Feed Milling Industry, 35¢.
- G The Breakfast Foods Industry, 25¢.
- H The Prepared Stock and Poultry Feeds Industry, 25¢.
- I The Biscuit Industry, 25¢.
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- O The Confectionery, Cocoa, Chocolate and Chewing Gum Industries, 25¢.
- P The Sugar Refining Industry, 25¢.
- Q The Macaroni and Kindred Products Industry, 25¢.
- R The Miscellaneous Foods Industry, 25¢.
- S The Canned Foods Summary, 25¢.

# THE FLOUR AND FEED MILLING INDUSTRIES

## 1950

For analytical purposes, this report of the Flour and Feed Milling Industries has been divided into three sections as follows:

**Section 1.** A general summary combining the data of the Flour Milling Industry and that of the Feed Milling Industry.

**Section 2.** The Flour Milling Industry only. Firms which manufacture principally Flour are classified herein regardless of whether they also produce Prepared Foods or Chopped Grain Feeds as well as carry on the service of custom milling and chopping as a subsidiary operation.

**Section 3.** The Feed Milling Industry only. Firms which principally manufacture Chopped Grain Feeds on a merchant or custom basis are included in this group. It should be noted that firms which produce principally Balanced or Prepared Stock and Poultry Feeds are recorded in a separate industrial report, namely; The Prepared Stock and Poultry Feeds Industry.

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 to a merchant grinding and milling basis. Previously, the volume of custom ground and milled grains were valued at the average cost of merchant grains reported and this value was added to the value of custom grinding receipts. Thus, the Gross Value of Production consisted of the value of grain plus the amount received for the service rendered. In 1950, the method of estimating Gross Value was changed. Only the amount received for service rendered is considered as the Gross Value of Production, no account being taken of the grains used. It should be noted that custom ground grains together with custom receipts for the service rendered are shown separately for each of the Industry Groups in Table 8, page 15 and Table 7, page 19, respectively. By valuing the grains and adding the receipts for custom charges, the Gross Value of Production for 1950 may be made comparable to that of 1949.

### Section 1. General Summary

For the Flour and Feed Milling Industries as a group for 1950, it is seen that the number of mills decreased from 847 in 1949 to 803 in 1950. Twenty-three mills ceased operations during the year and 21 mills were transferred to The Prepared Stock and Poultry Feeds Industry where they were more properly classified. The volume of all the mills transferred amounted to approximately \$3,500,000 in 1949. Because of this transfer together with the change in the method of arriving at Gross Value of Production, all items, comprising Principal Statistics in Table 1, have shown decreases in 1950 when compared directly with 1949. Table 1 includes the historical series for the years 1938 to 1950 and by Provinces for the years 1949 and 1950.

Some of the principal commodities produced show increases in 1950 over 1949. The output of Flour increased to 20,577,134 barrels, 274,961 barrels or 1.4 per. cent more than in 1949. Exports of this commodity increased from 9,698,024 barrels in 1949 to 10,095,002 barrels in 1950. Continuing, the production of bran, shorts and middlings increased by

13,954 tons to 701,533 tons in 1950 and Prepared Stock and Poultry Feeds rose by 101,478 tons in 1950 compared to 1949. However, a decrease of 2,791 tons appeared in the production of Oatmeal and Rolled Oats. Naturally, the large decrease of 671,848 tons in Chopped Grain Feed in 1950 is accounted for largely, by the change in the statistical treatment mentioned above.

The physical volume of production for the Industry as a whole increased 2.2 per. cent, in 1950 compared to 1949. The dollar volume decreased 7.9 per. cent. in the same period when the Gross Value of Production of \$293,762,983 in 1949 declined to \$270,684,540 in 1950. Constructed on the 1949 statistical basis, the 1950 Gross Value of Production would have amounted to \$305,583,545 which includes \$34,899,005, representing the value received for custom chopping and milling converted to a merchant grinding basis. Average comparable prices of the important commodities for the two years under review are shown in the following summary.

Product	Selling Value at Mill		
	1949	1950	
	\$	\$	
Wheat flour, all grades.....	barrel	9.29	9.22
Oatmeal and rolled oats.....	ton	119.27	157.89
Bran, shorts and middlings.....	ton	51.70	55.44
Feed, chopped.....	ton	56.59	59.74
Stock and poultry feeds.....	ton	69.89	76.21

This industry, which has existed to meet the 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 118 flour mills, many of them of the most modern type and 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 had been 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 averaged about 14,000,000 barrels during the war years decreased to 9,698,024 barrels in 1949 but increased to 10,095,002 barrels in 1950. The great demand for Canadian flour in foreign markets during the war years was a great boon to Canadian agriculture, in as much as it enabled flour mills to make available large quantities of mill feeds which otherwise would not have been produced. Farmers were thus enabled to obtain sufficient feeds needed by them in order to fulfill the large commitments made for export shipments of cheese and bacon.

**Production.** The total value of all products of the two industries in 1950 amounted to \$270,684,540 of which wheat flour was accountable for \$189,721,264. Next in order of importance was shorts and middlings with a total of \$23,524,134 followed by bran to the extent of \$15,370,331, chopped grain feed takes fourth place with \$14,020,013 whilst stock and poultry feed occupies fifth position with a valuation of \$12,588,137. The output of wheat flour of all grades in 1950 totalled 20,577,134 barrels valued at \$9.22 per barrel. This represents an increase of 274,961 in the number of barrels produced and a decrease of .07 cents in the selling price per barrel as compared with 1949.

**Employees, Salaries and Wages.** The administrative and clerical work in connection with the two industries required the services of 1514 male and 458 female employees whose total salaries amounted to \$4,522,813. The number of wage-earners employed was 4,254 male and 130 female which necessitated a payroll amounting to \$9,286,182.

**Cost of Materials.** The total cost of all materials in both industries, including containers, amounted to \$233,085,168. Wheat of all types was by far the largest contributor to this sum with \$190,025,934, cost of containers takes second place with \$15,666,869. The next largest item of expence was that of oats which accounted for \$11,822,567 whilst barley occupies fourth position with a total cost of \$6,104,411.

TABLE 1. Principal Statistics for the Years, 1938 to 1950

Year	Estab-	Capital	Em-	Salaries	Cost of	Gross
	lish-	Invested	ployees	and Wages	Materials	Value of
	No.	\$	No.	\$	\$	\$
1938 .....	1,080	50,111,006	5,778	6,163,351	99,418,794	122,598,168
1939 .....	1,050	47,926,318	5,898	6,515,496	75,435,165	101,776,429
1940 .....	1,027	52,170,492	6,215	7,101,367	96,294,284	122,494,759
1941 .....	1,129	59,941,631	6,528	7,898,329	115,939,001	144,171,637
1942 .....	1,171	62,586,759	6,720	8,776,553	126,374,719	159,463,671
1943 .....	1,131	70,869,815	7,163	10,015,738	169,488,522	201,127,291
1944 .....	1,087	—	7,289	10,511,975	187,116,957	215,790,282
1945 .....	1,023	—	7,512	11,322,915	192,270,945	224,269,380
1946 .....	974	—	8,036	12,898,160	224,233,698	260,659,451
1947 .....	961	—	8,285	14,832,059	280,674,476	324,152,457
1948 .....	924	—	7,124	14,055,651	269,249,436	310,768,700
1949 <sup>1</sup>						
Canada .....	847	—	6,582	13,904,047	258,607,308	293,762,983
Prince Edward Island .....	7	—	10	7,766	187,838	214,389
Nova Scotia .....	4	—	6	6,148	114,395	137,444
New Brunswick .....	12	—	24	24,888	349,072	400,363
Quebec .....	139	—	902	2,029,618	28,223,805	31,162,695
Ontario .....	573	—	3,454	7,106,880	143,065,310	160,435,015
Manitoba .....	27	—	625	1,195,805	21,015,189	22,760,907
Saskatchewan .....	25	—	687	1,655,479	33,734,285	40,548,288
Alberta .....	55	—	828	1,773,273	29,609,789	34,690,684
British Columbia .....	5	—	46	104,190	2,307,625	3,413,198

1. The decrease of 44 establishments in 1950 compared to 1949 is accounted for by transfer of 21 establishments to the Prepared Stock and Poultry Feeds industry, and 23 firms which had ceased operations. The gross value of production of these establishments in 1949 amounted to \$3,591,508.

TABLE 1. Principal Statistics for the Years, 1938 to 1950 - Concluded

Year	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
<b>1950</b>						
<b>Canada</b> .....	<b>803</b>	<b>—</b>	<b>6,356</b>	<b>13,808,995</b>	<b>233,085,168</b>	<b>270,684,540</b>
Prince Edward Island .....	7	—	15	16,514	155,673	215,514
Nova Scotia .....	4	—	8	8,082	113,942	134,983
New Brunswick .....	12	—	26	27,576	225,452	286,466
Quebec .....	134	—	876	2,038,800	28,976,461	32,787,586
Ontario .....	544	—	3,373	7,060,503	115,429,854	135,939,095
Manitoba .....	24	—	502	969,022	19,626,375	21,627,793
Saskatchewan .....	22	—	680	1,731,982	34,737,096	41,711,851
Alberta .....	53	—	832	1,839,927	31,568,140	35,573,307
British Columbia .....	3	—	44	116,589	2,252,175	2,407,945
<b>1950</b>						
<b>Canada</b> .....	<b>803</b>	<b>—</b>	<b>6,356</b>	<b>13,808,995</b>	<b>233,085,168</b>	<b>270,684,540</b>
Flour mills .....	118	—	4,903	11,917,625	213,755,757	247,107,775
Feed and chopping mills .....	685	—	1,453	1,891,370	19,329,411	23,576,765

TABLE 2. Quantity and Value of Principal Mill Products in Canada, 1944 to 1950

Products	Quantity	Selling Value at Mill	Average Value
		\$	\$
<b>1944</b>			
Wheat flour, all grades .....	barrel 24,470,610	132,607,418	5.42
Oatmeal and rolled oats .....	ton 78,959	6,115,850	77.46
Bran, shorts and middlings .....	" 807,375	20,382,601	25.25
Feed, chopped .....	" 1,234,954	44,607,961	36.12
<b>1945</b>			
Wheat flour, all grades .....	barrel 25,117,259	139,810,537	5.57
Oatmeal and rolled oats .....	ton 100,262	8,732,229	87.09
Bran, shorts and middlings .....	" 843,122	21,811,223	25.87
Feed, chopped .....	" 1,174,141	42,744,984	36.41
<b>1946</b>			
Wheat flour, all grades .....	barrel 27,151,932	164,263,815	6.05
Oatmeal and rolled oats .....	ton 128,884	11,247,910	87.27
Bran, shorts and middlings .....	" 956,250	23,512,761	24.59
Feed, chopped .....	" 1,229,824	47,389,233	38.53
<b>1947</b>			
Wheat flour, all grades .....	barrel 28,619,063	211,155,576	7.38
Oatmeal and rolled oats .....	ton 96,018	11,170,478	116.34
Bran, shorts and middlings .....	" 970,794	26,985,347	27.80
Feed, chopped .....	" 1,188,801	57,890,352	48.70
<b>1948</b>			
Wheat flour, all grades .....	barrel 23,108,174	188,908,305	8.17
Oatmeal and rolled oats .....	ton 72,219	7,938,486	109.92
Bran, shorts and middlings .....	" 826,095	40,361,614	48.85
Feed, chopped .....	" 968,789	54,065,357	55.80
<b>1949</b>			
Wheat flour, all grades .....	barrel 20,302,173	188,615,480	9.29
Oatmeal and rolled oats .....	ton 56,466	6,734,870	119.27
Bran, shorts and middlings .....	" 687,579	35,549,813	51.70
Feed, chopped .....	" 906,527	51,305,110	56.59
<b>1950</b>			
Wheat flour, all grades .....	barrel 20,577,134	189,721,264	9.22
Oatmeal and rolled oats .....	ton 53,675	8,474,882	157.89
Bran, shorts and middlings .....	" 701,533	38,894,465	55.44
Feed, chopped .....	" 234,679	140,020,013	59.74

TABLE 3. Production in All Mills, by Classes, 1950

Products	Canada	
	Quantity	Selling Value at Mill
		\$
<b>Wheat flour:</b>		
Spring No. 1 or top Patent including semolina .....	3,544,138	35,009,334
Spring No. 2 Patent .....	5,323,897	48,597,870
Spring No. 3 Patent (Strong Bakers or Export Patent) .....	8,689,179	79,893,053
Ontario Winter Wheat flour .....	1,319,465	11,666,632
Durum Semolina and flour .....	311,752	2,877,335
Lower grades of flour .....	573,761	4,709,606
All other .....	570,002	4,750,918
<b>Flour and meal, other:</b>		
Whole wheat and Graham flour .....	244,940	2,216,516
Prepared or self raising flour .....	4,556	738,100
Barley flour .....	—	—
Barley meal .....	1,842	121,788
Rye flour .....	2,693	328,070
Rye meal .....	450	38,476
Corn flour .....	1,713	184,128
Corn meal .....	4,754	521,728
Buckwheat flour .....	171	21,260
Pea meal .....	23	2,017
<b>Breakfast foods:</b>		
Prepared breakfast foods .....	7	1,250
Oatmeal .....	2,575	342,952
Rolled oats .....	51,100	8,131,930
Rolled or flaked wheat .....	503	48,347
Unprepared breakfast food .....	4,997	760,115
<b>Other products:</b>		
Barley, pot and pearl .....	1,218	140,248
Corn, cracked .....	138	10,591
Peas, split .....	1,187	185,798
Shorts and middlings .....	412,434	23,524,134
Bran .....	289,099	15,370,331
Chopped grain feed <sup>1</sup> .....	234,679	14,020,013
Alfalfa meal .....	2,708	101,479
Offal, not otherwise specified .....	58,226	2,034,968
All other products .....	—	377,473
<b>Prepared stock and poultry feeds:</b>		
Calf meals .....	1,010	94,287
Dairy and cattle feeds .....	23,439	1,677,543
Swine feeds .....	75,512	5,500,067
<b>Poultry feeds:</b>		
Chick starter .....	7,574	630,062
Growing mash .....	14,231	1,156,278
Laying and hatching mash .....	33,640	2,797,316
Other mash .....	1,230	103,009
Scratch feeds .....	4,960	327,792
All turkey feeds .....	1,021	95,358
Other mixed feeds .....	1,651	111,077
Mixed concentrates .....	903	95,348
Total amount received from Custom Chopping and Milling .....	—	1,369,943
Total Value of Production in All Mills .....	—	270,684,540

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 8 for the Flour milling industry and Table 7 for the Feed milling industry.



TABLE 4. Materials Used in All Mills, 1949 and 1950

	Canada	
	Quantity	Cost Value at Mill
		\$
1949		
Wheat .....	2,765,903	188,671,693
Oats .....	298,354	14,406,187
Barley .....	161,068	8,047,861
Rye .....	4,128	210,674
Corn .....	28,902	1,725,411
Buckwheat.....	3,002	156,205
Peas .....	2,240	276,652
Mixed grains for chopping .....	520,376	27,533,607
Other grains .....	3,203	151,270
Alfalfa .....	2,514	57,691
Cost of containers purchased.....	—	15,202,901
Cost of materials used in making containers .....	—	5,323
All other materials .....	—	2,161,833
<b>Total Cost of Materials Used .....</b>	<b>—</b>	<b>258,607,308</b>
1950		
Wheat .....	2,668,922	190,025,934
Oats .....	214,185	11,822,567
Barley .....	110,063	6,104,411
Rye .....	5,348	315,485
Corn .....	28,616	1,856,268
Buckwheat.....	2,296	113,610
Peas .....	1,450	144,084
Mixed grains for chopping .....	34,071	1,749,525
Other grains .....	7,486	303,142
Alfalfa .....	4,349	131,855
Mill Feeds (Bran etc.).....	22,756	1,227,675
Concentrates (all kinds) .....	29,262	2,859,590
Other ingredients used .....	2,869	196,235
Cost of containers purchased.....	—	15,666,869
Cost of materials used in making containers .....	—	—
All other materials .....	—	567,918
<b>Total Cost of Materials Used .....</b>	<b>—</b>	<b>233,085,168</b>

TABLE 5. Imports, Milled Products and Grains by Quantity and Value, 1949 and 1950

Articles Imported	1949		1950	
	Quantity	Value	Quantity	Value
Milled Products:		\$		\$
Wheat flour..... barrel	750	8,371	463	5,916
Buckwheat meal and flour..... cwt.	—	—	10	99
Cornmeal..... barrel	4,157	34,389	4,841	44,457
Malt flour..... pound	232,800	18,265	273,610	24,640
Rye flour..... barrel	102	834	107	1,327
Oatmeal and rolled oats..... pound	40,485	8,227	2,174	246
Barley, pot and pearl..... "	3,038	331	1,800	202
Hominy, cracked, ground, etc..... cwt.	72,801	283,235	63,433	294,398
Bran and mill feed..... "	161,580	439,814	77,019	217,712
Cereal food in packages..... pound	683,690	119,781	334,891	94,528
Cereal foods, n.o.p..... —	—	165,066	—	165,049
Semolina..... barrel	—	—	—	—
<b>Total Value of Imports of Milled Products..... —</b>	<b>—</b>	<b>1,078,313</b>	<b>—</b>	<b>848,574</b>
Grains:				
Wheat..... bushel	7,207	18,898	404	1,055
Oats..... "	309,000	236,935	1,288,079	1,373,862
Barley, buckwheat and rye..... "	85,802	97,435	62,050	78,445
Corn for all purposes..... "	8,436,319	12,282,307	9,350,560	16,234,098
<b>Total Value of Grains Imported..... —</b>	<b>—</b>	<b>12,635,575</b>	<b>—</b>	<b>17,687,460</b>

TABLE 6. Exports of Milled Products and Grains by Quantity and Value, 1949 and 1950

Articles Exported	1949		1950	
	Quantity	Value	Quantity	Value
Milled Products:		\$		\$
Rye flour..... barrel	—	—	—	—
Wheat flour..... "	9,698,024	97,693,325	10,095,002	93,838,590
Oatmeal and rolled oats..... cwt.	187,002	1,476,472	202,028	1,047,425
Bran, shorts and middlings..... "	954,348	2,557,064	2,176,367	5,713,243
Malt..... bushel	3,390,803	6,525,360	3,873,673	8,435,909
Screenings..... cwt.	3,854,487	1,182,331	3,255,896	2,551,667
Cornmeal..... barrel	17,190	140,348	20,260	174,604
All other meals, n.o.p..... cwt.	51,183	184,133	16,112	60,693
Cereal foods, prepared, all kinds..... —	—	191,549	—	175,331
<b>Total Value of Milled Products Exported..... —</b>	<b>—</b>	<b>109,950,582</b>	<b>—</b>	<b>111,997,462</b>
Grains:				
Wheat..... bushel	210,384,483	435,158,365	162,993,750	325,613,570
Oats..... "	22,628,271	18,532,774	18,079,576	16,571,166
Barley..... "	17,306,100	25,471,783	15,052,045	23,442,235
Corn..... "	130,728	472,059	50,993	254,183
Rye..... "	12,184,425	16,897,632	7,502,685	11,326,050
Buckwheat..... "	2,988	7,517	214,325	281,066
<b>Total Value of Grains Exported..... —</b>	<b>—</b>	<b>496,540,130</b>	<b>—</b>	<b>377,488,270</b>

SECTION 2. — THE FLOUR MILLING INDUSTRY, 1950  
 TABLE 1. Principal Statistics of the Flour Mills in Canada for the Years 1936 to 1950

Year	Estab- lish- ments	Capital Invested	Employees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1936 .....	363	55,275,090	4,416	4,785,910	73,972,242	94,320,594
1937 .....	335	49,617,744	4,469	5,069,315	94,016,740	112,744,579
1938 .....	328	43,395,733	4,454	5,334,366	84,067,240	103,886,310
1939 .....	303	41,167,975	4,540	4,621,370	59,164,699	81,745,050
1940 .....	279	44,674,387	4,724	6,102,744	77,489,397	99,157,327
1941 .....	288	51,570,978	4,896	6,733,703	91,222,378	114,207,864
1942 .....	281	53,482,276	4,999	7,465,544	98,182,809	125,634,302
1943 .....	260	60,890,898	5,337	8,441,616	133,850,395	159,094,142
1944 .....	224	—	5,461	8,925,161	153,579,588	176,705,776
1945 .....	195	—	5,654	9,630,553	158,499,853	184,562,881
1946 .....	184	—	6,012	10,884,848	185,219,470	214,828,021
1947 .....	174	—	6,220	12,603,961	230,467,746	266,503,211
1948 .....	170	—	5,334	11,882,590	220,068,533	255,338,531
1949						
<b>Canada</b> .....	<b>133</b>	<b>—</b>	<b>5,033</b>	<b>11,965,400</b>	<b>215,404,869</b>	<b>245,274,202</b>
Quebec.....	7	—	611	1,699,304	22,756,877	24,961,248
Ontario.....	70	—	2,381	5,785,533	108,658,928	122,014,467
Manitoba .....	12	—	555	1,051,594	20,466,586	22,107,869
Saskatchewan .....	21	—	680	1,648,004	33,650,360	40,446,109
Alberta.....	18	—	760	1,676,775	27,564,493	32,331,311
British Columbia .....	5	—	46	104,190	2,307,625	3,413,198
1950						
<b>Canada</b> .....	<b>118</b>	<b>—</b>	<b>4,903</b>	<b>11,917,625</b>	<b>213,755,757</b>	<b>247,107,775</b>
Quebec.....	4	—	594	1,684,259	24,786,840	27,775,479
Ontario.....	66	—	2,352	5,706,961	101,685,047	119,134,355
Manitoba .....	10	—	467	924,194	19,297,072	21,226,924
Saskatchewan and British Columbia <sup>1</sup> ...	20	—	718	1,842,271	36,926,271	44,041,993
Alberta.....	18	—	772	1,759,940	31,060,527	34,929,024

1. British Columbia includes feed mills.

TABLE 2. Production in Flour Mills by Classes and the Provinces, 1950

Products	Canada		Quebec	
	Quantity	Selling Value at Mill	Quantity	Selling Value at Mill
		\$		\$
<b>Wheat flour:</b>				
Spring No. 1 or Top Patent including Semolina.....	bbl. 3,544,138	35,009,334	228,373	2,289,687
Spring No. 2 Patent .....	bbl. 5,323,897	48,597,870	1,054,307	9,950,938
Spring No. 3 Patent (Strong Bakers or Export Patent)...	bbl. 8,689,179	79,893,053	857,677	8,189,599
Ontario Winter wheat flour .....	bbl. 1,319,465	11,666,632	910	8,439
Durum Semolina and flour .....	bbl. 311,752	2,877,335	—	—
Lower grades of flour .....	bbl. 573,761	4,709,606	61,136	566,801
All Other .....	bbl. 570,002	4,750,918	121,641	960,309
<b>Flour and meal, other:</b>				
Whole wheat and Graham flour .....	bbl. 244,938	2,216,499	20,145	195,139
Prepared or self raising flour .....	ton 4,556	738,100	967	522,760
Barley flour .....	ton —	—	—	—
Barley meal .....	ton 436	29,035	—	—
Rye flour .....	ton 2,649	323,373	—	—
Rye meal .....	ton 408	35,104	—	—
Corn flour .....	ton 1,310	138,005	—	—
Corn meal .....	ton 4,562	500,124	—	—
Buckwheat flour .....	ton 81	8,098	—	—
<b>Breakfast foods:</b>				
Prepared breakfast foods .....	ton 7	1,250	—	—
Oatmeal .....	ton 2,099	259,556	—	—
Rolled Oats .....	ton 50,564	8,094,114	—	—
Rolled or flaked wheat .....	ton 179	15,293	—	—
Unprepared breakfast foods .....	ton 4,735	719,356	1,520	118,560
<b>Other products:</b>				
Barley, pot and pearl .....	ton 1,132	129,905	—	—
Corn, cracked .....	ton 82	5,887	—	—
Shorts and middlings .....	ton 412,434	23,524,134	42,842	2,828,181
Bran .....	ton 289,099	15,370,331	31,630	1,804,272
Chopped grain feed <sup>1</sup> .....	ton 51,686	2,692,679	2,788	183,765
Alfalfa meal .....	ton 2,139	81,919	—	—
Offal, not otherwise specified .....	ton 58,983	1,975,535	3,160	156,290
All other products .....	—	232,174	—	—
<b>Prepared stock and poultry feeds:</b>				
Calf meal .....	ton 215	20,109	—	—
Dairy and cattle feeds .....	ton 4,226	297,862	—	—
Swine feeds .....	ton 14,766	1,068,519	—	—
<b>Poultry feeds:</b>				
Chick starter .....	ton 988	89,553	—	—
Growing mash .....	ton 2,525	204,707	—	—
Laying and hatching mash .....	ton 5,924	486,694	—	—
Other mash .....	ton 302	25,916	—	—
Scratch feed .....	ton 1,339	89,285	—	—
All turkey feeds .....	ton 194	17,351	—	—
Other mixed feeds .....	ton 480	30,178	—	—
Mixed concentrates .....	ton 251	21,898	—	—
Amount received for Custom Chopping and Milling .....	—	160,484	—	739
<b>Total .....</b>	<b>—</b>	<b>247,107,775</b>	<b>—</b>	<b>27,775,479</b>

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 8 for the Flour milling industry.

TABLE 2. Production in Flour Mills by Classes and the Provinces, 1950 - Continued

Products	Ontario		Manitoba		
	Quantity	Selling Value at Mill	Quantity	Selling Value at Mill	
		\$		\$	
<b>Wheat flour:</b>					
Spring No. 1 or Top Patent including Semolina .....	bbl.	1, 210, 059	12, 164, 956	308, 624	2, 789, 857
Spring No. 2 Patent.....	bbl.	2, 102, 640	19, 464, 453	1, 021, 003	8, 837, 723
Spring No. 3 Patent (Strong Bakers or Export Patent)....	bbl.	4, 339, 275	41, 200, 521	423, 355	3, 651, 452
Ontario Winter wheat flour .....	bbl.	1, 318, 555	11, 658, 193	-	-
Durum Semolina and flour.....	bbl.	285, 554	2, 661, 834	8, 376	72, 034
Lower grades of flour .....	bbl.	224, 863	1, 824, 550	62, 326	452, 490
All other .....	bbl.	84, 268	779, 683	17, 900	97, 415
<b>Flour and meal, other:</b>					
Whole wheat and Graham flour.....	bbl.	92, 459	828, 490	39, 828	345, 241
Prepared or self raising flour .....	ton	3, 589	215, 340	-	-
Barley flour .....	ton	-	-	-	-
Barley meal .....	ton	436	29, 035	-	-
Rye flour.....	ton	2, 266	225, 084	-	-
Rye meal.....	ton	408	35, 104	-	-
Corn flour .....	ton	1, 310	138, 005	-	-
Corn meal .....	ton	4, 562	500, 124	-	-
Buckwheat flour.....	ton	81	8, 098	-	-
<b>Breakfast foods:</b>					
Prepared breakfast foods .....	ton	-	-	7	1, 250
Oatmeal.....	ton	802	97, 710	459	59, 000
Rolled oats.....	ton	18, 436	3, 119, 844	7, 505	964, 505
Rolled or flaked wheat .....	ton	-	-	130	10, 400
Unprepared breakfast foods .....	ton	1, 437	267, 168	1, 403	280, 572
<b>Other products:</b>					
Barley, pot and pearl.....	ton	132	15, 687	-	-
Corn, cracked.....	ton	82	5, 887	-	-
Shorts and middlings.....	ton	196, 786	11, 550, 817	38, 080	2, 021, 298
Bran .....	ton	135, 752	7, 509, 440	27, 025	1, 388, 054
Chopped grain feed <sup>1</sup> .....	ton	38, 978	2, 037, 691	321	18, 724
Alfalfa meal .....	ton	2, 139	81, 919	-	-
Oil, not otherwise specified.....	ton	9, 911	538, 913	6, 464	173, 641
All other products .....	-	-	93, 341	-	-
<b>Prepared stock and poultry feeds:</b>					
Calf meals .....	ton	111	11, 145	17	1, 660
Dairy and cattle feeds .....	ton	3, 305	239, 640	270	16, 710
Swine feeds .....	ton	12, 287	901, 031	371	23, 549
<b>Poultry feeds:</b>					
Chick starter .....	ton	603	55, 836	42	3, 784
Growing mash .....	ton	2, 153	176, 256	58	4, 275
Laying and hatching mash .....	ton	4, 925	413, 448	124	8, 948
Other mash .....	ton	292	25, 131	2	150
Scratch feed .....	ton	1, 281	84, 368	2	90
All turkey feeds.....	ton	125	10, 972	8	845
Other mixed feeds .....	ton	466	28, 744	-	-
Mixed concentrates .....	ton	251	21, 898	-	-
Amount received from Custom Chopping and Milling .....	-	-	113, 999	-	3, 257
<b>Total .....</b>	<b>-</b>	<b>-</b>	<b>119, 134, 355</b>	<b>-</b>	<b>21, 226, 924</b>

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 3 for the Flour Milling Industry.

TABLE 2. Production in Flour Mills by Classes and the Provinces, 1950 - Concluded

Products	Saskatchewan and British Columbia		Alberta	
	Quantity	Selling Value at Mill	Quantity	Selling Value at Mill
		\$		\$
<b>Wheat flour:</b>				
Spring No. 1 or Top Patent including Semolina .....	bbbl. 1,258,074	12,547,718	539,008	5,217,116
Spring No. 2 Patent .....	bbbl. 251,920	2,217,785	894,027	8,126,971
Spring No. 3 Patent (Strong Bakers or Export Patent)....	bbbl. 1,740,189	15,613,401	1,328,683	11,238,080
Ontario Winter wheat flour .....	bbbl. —	—	—	—
Durum Semolina and flour .....	bbbl. —	—	17,822	143,467
Lower grades of flour .....	bbbl. 22,729	165,168	202,707	1,700,597
All other .....	bbbl. 169,683	1,457,563	176,510	1,455,948
<b>Flour and meal, other:</b>				
Whole wheat and Graham flour .....	bbbl. 59,308	542,772	33,198	304,857
Prepared or self raising flour .....	ton —	—	—	—
Barley flour .....	ton —	—	—	—
Barley meal .....	ton —	—	—	—
Rye flour .....	ton —	—	383	98,289
Rye meal .....	ton —	—	—	—
Corn flour .....	ton —	—	—	—
Corn meal .....	ton —	—	—	—
Buckwheat flour .....	ton —	—	—	—
<b>Breakfast foods:</b>				
Prepared breakfast foods .....	ton —	—	—	—
Oatmeal .....	ton 454	56,670	384	46,176
Rolled oats .....	ton 21,936	3,694,226	2,687	315,539
Rolled or flaked wheat .....	ton 49	4,893	—	—
Unprepared breakfast foods .....	ton 181	37,973	194	15,083
<b>Other products:</b>				
Barley, pot and pearl .....	ton 863	98,816	137	15,402
Shorts and middlings .....	ton 72,928	3,969,550	61,798	3,154,288
Bran .....	ton 50,089	2,468,938	44,603	2,199,627
Chopped grain feed <sup>1</sup> .....	ton 3,678	113,930	5,921	338,569
Alfalfa meal .....	ton —	—	—	—
Offal, not otherwise specified .....	ton 29,525	872,692	7,923	233,999
All other products .....	—	93,646	—	45,187
<b>Prepared Stock and Poultry Feeds:</b>				
Calf meal .....	ton 13	1,264	74	6,040
Dairy and cattle feeds .....	ton 195	13,037	456	28,475
Swine feeds .....	ton 277	23,220	1,831	120,719
<b>Poultry Feeds:</b>				
Chick starter .....	ton 191	17,088	152	12,845
Growing mash .....	ton 90	7,708	224	16,468
Laying and hatching mash .....	ton 160	12,368	715	51,930
Other mash .....	ton 3	235	5	400
Scratch feed .....	ton 1	69	55	4,758
All turkey feeds .....	ton 15	1,344	46	4,190
Other mixed feeds .....	ton —	—	14	1,434
Mixed concentrates .....	ton —	—	—	—
Amount received from Custom Chopping and Milling .....	—	9,919	—	32,570
<b>Total .....</b>	<b>—</b>	<b>44,041,993</b>	<b>—</b>	<b>34,929,024</b>

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 and milling is shown in Table 8 for the Flour milling industry.

TABLE 3. Materials Used in Flour Mills, by Provinces, 1950

Materials	Canada		Quebec		Ontario	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Wheat.....ton	2,630,915	187,777,215	309,584	22,923,087	1,296,391	89,301,502
Oats....."	113,750	6,353,419	1,300	76,382	46,993	2,784,821
Barley....."	20,084	1,161,587	1,303	84,696	11,675	684,386
Rye....."	4,941	293,842	—	—	4,434	250,768
Corn....."	15,203	974,954	158	8,446	14,836	953,184
Buckwheat....."	363	18,418	—	—	363	18,418
Peas....."	—	—	—	—	—	—
Mixed grain for chopping....."	4,735	207,911	—	—	3,747	184,153
Other grains....."	648	35,558	—	—	629	32,613
Alfalfa....."	2,942	77,724	—	—	2,914	76,560
Mill feeds (Bran etc.)....."	5,738	297,123	—	—	4,689	250,730
Concentrates (all Kinds.)....."	4,982	490,491	—	—	4,285	428,649
Other ingredients used....."	1,186	85,107	—	—	882	58,817
All other materials.....—	—	564,146	—	338,391	—	84,936
Cost of containers purchased.....—	—	15,418,262	—	1,355,838	—	6,575,510
Cost of materials used in making containers.....—	—	—	—	—	—	—
<b>Total.....—</b>	<b>—</b>	<b>213,755,757</b>	<b>—</b>	<b>24,786,840</b>	<b>—</b>	<b>101,685,047</b>
	Manitoba		Saskatchewan and British Columbia <sup>1</sup>		Alberta	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
Wheat.....ton	116,472	17,145,153	480,577	30,815,907	427,891	27,591,566
Oats....."	13,877	733,342	42,522	2,238,984	9,058	519,890
Barley....."	478	23,576	3,759	214,833	2,869	154,096
Rye....."	1	43	—	—	506	43,031
Corn....."	—	—	1	64	208	13,260
Buckwheat....."	—	—	—	—	—	—
Peas....."	—	—	—	—	—	—
Mixed grains for chopping....."	20	900	109	5,078	849	17,780
Other grains....."	—	—	—	—	19	2,945
Alfalfa....."	—	—	—	—	28	1,164
Mill feeds (Bran etc.)....."	177	9,226	406	17,404	466	19,763
Concentrates (all kinds.)....."	119	11,420	284	26,322	294	24,100
Other ingredients used....."	2	65	—	—	302	26,225
All other materials.....—	—	822	—	17,704	—	122,293
Cost of containers purchased.....—	—	1,372,525	—	3,589,975	—	2,524,414
Cost of materials used in making containers.....—	—	—	—	—	—	—
<b>Total.....—</b>	<b>—</b>	<b>19,297,072</b>	<b>—</b>	<b>36,926,271</b>	<b>—</b>	<b>31,060,527</b>

1. British Columbia includes feed mills.

TABLE 4. Size of Establishments, 1949 and 1950

Establishments having a production of	Estab- lish- ments	Employees	Salaries and wages	Cost of materials used	Total production
	No.	No.	\$	\$	\$
1949					
Under \$50,000 .....	26	141	322,266	709,180	922,855
\$50,000 to \$99,999 .....	14	47	65,094	876,661	1,038,475
\$100,000 to \$199,999 .....	19	93	200,417	2,297,088	2,675,505
\$200,000 to \$499,999 .....	25	209	471,406	6,746,960	7,666,231
\$500,000 to \$999,999 .....	12	270	582,471	8,351,486	9,248,279
\$1,000,000 to \$4,999,999 .....	22	986	2,275,492	40,460,150	47,373,608
\$5,000,000 and over .....	15	3,287	8,048,254	155,963,344	176,349,249
<b>Total .....</b>	<b>133</b>	<b>5,033</b>	<b>11,963,400</b>	<b>215,404,869</b>	<b>245,274,202</b>
1950					
Under \$50,000 .....	24	142	348,943	403,863	505,170
\$50,000 to \$99,999 .....	13	55	94,337	833,677	1,004,616
\$100,000 to \$199,999 .....	16	113	215,047	1,926,076	2,303,995
\$200,000 to \$499,999 .....	15	135	278,766	4,197,381	4,756,517
\$500,000 to \$999,999 .....	15	269	661,443	9,514,909	10,852,867
\$1,000,000 to \$4,999,999 .....	19	839	1,945,926	36,350,148	41,665,683
\$5,000,000 and over .....	16	3,350	8,373,163	160,529,703	186,018,927
<b>Total .....</b>	<b>118</b>	<b>4,903</b>	<b>11,917,625</b>	<b>213,755,757</b>	<b>247,107,775</b>

TABLE 5a. Daily Capacity of Flour Mills, 1949 and 1950

Capacity of Mills per day of 24 hours	Number of mills	Total capacity of the mills in each group	Average per estab- lishment	Per cent of total	Number of barrels pro- duced during the year	Average per estab- lishment	Per cent of total
	No.	barrels	barrels	%	barrels	barrels	%
1949							
Under 100 barrels .....	41	2,731	67	2.5	184,122	4,491	1.0
100 to 199 barrels .....	30	3,625	121	3.3	327,182	10,906	1.7
200 to 299 barrels .....	15	3,120	208	2.9	365,866	24,391	1.8
300 to 499 barrels .....	13	4,800	369	4.4	798,610	61,432	4.0
500 to 999 barrels .....	9	6,200	689	5.7	1,054,952	117,217	5.2
1,000 to 2,999 barrels .....	14	23,630	1,687	21.8	5,174,496	369,607	25.5
3,000 to 4,999 barrels .....	5	17,850	3,570	16.5	5,056,350	1,011,270	24.5
5,000 barrels and over .....	6	46,500	7,750	42.9	7,340,595	1,223,432	36.3
<b>Total and Average .....</b>	<b>133</b>	<b>108,456</b>	<b>815</b>	<b>100.0</b>	<b>20,302,173</b>	<b>152,648</b>	<b>100.0</b>
1950							
Under 100 barrels .....	27	1,451	54	1.3	83,188	3,081	0.4
100 to 199 barrels .....	30	3,480	116	3.2	308,474	10,283	1.5
200 to 299 barrels .....	13	2,820	217	2.6	289,799	22,292	1.4
300 to 499 barrels .....	14	5,150	368	4.7	948,327	67,738	4.6
500 to 999 barrels .....	8	5,700	712	5.3	947,995	118,499	4.6
1,000 to 2,999 barrels .....	14	23,430	1,674	21.5	5,155,748	368,268	25.1
3,000 to 4,999 barrels .....	7	25,350	3,621	23.3	6,023,644	860,521	29.3
5,000 barrels and over .....	5	41,500	8,300	38.1	6,819,957	13,639,914	33.1
<b>Total and Average .....</b>	<b>118</b>	<b>108,881</b>	<b>923</b>	<b>100.0</b>	<b>20,577,132</b>	<b>174,383</b>	<b>100.0</b>

TABLE 5b. Equipment and Capacity of Flour Mills, 1950

Province	Estab- lish- ments	Pairs of Rolls	Pairs of Stones	Estimated Maximum Capacity per day
	No.	No.	No.	Bbl.
Quebec .....	4	440	—	10,150
Ontario .....	66	1,612	26	57,236
Manitoba .....	10	372	2	9,800
Saskatchewan and British Columbia .....	20	513	1	15,385
Alberta .....	18	569	—	16,310
<b>Canada .....</b>	<b>118</b>	<b>3,506</b>	<b>29</b>	<b>108,881</b>



TABLE 6. Monthly Employment of Wage-Earners, 1949 and 1950

Months	In Flour Mills			
	1949		1950	
	Male	Female	Male	Female
	No.	No.	No.	No.
January .....	3,533	131	3,350	117
February .....	3,459	135	3,401	121
March .....	3,488	153	3,446	125
April .....	3,495	164	3,440	118
May .....	3,466	127	3,466	113
June .....	3,455	125	3,441	104
July .....	3,561	142	3,408	102
August .....	3,563	178	3,496	129
September .....	3,576	212	3,549	140
October .....	3,613	241	3,653	154
November .....	3,587	224	3,640	155
December .....	3,496	162	3,586	134
<b>Average monthly employment .....</b>	<b>3,523</b>	<b>166</b>	<b>3,492</b>	<b>126</b>

TABLE 7. Employees, Salaries and Wages in Flour Mills, 1949 and 1950

Year and Provinces	Employees on Salaries			Employees on Wages			Total Employees Salaries and Wages		
	Male	Female	Total Salaries	Male	Female	Total Wages	Male	Female	Salaries and Wages
	No.	No.	\$	No.	No.	\$	No.	No.	\$
<b>1949</b>									
<b>Canada .....</b>	<b>931</b>	<b>413</b>	<b>3,701,468</b>	<b>3,523</b>	<b>166</b>	<b>8,263,932</b>	<b>4,454</b>	<b>579</b>	<b>11,965,400</b>
Quebec .....	152	43	734,123	407	9	965,181	559	52	1,699,304
Ontario .....	368	191	1,600,722	1,762	60	4,184,811	2,130	251	5,785,533
Manitoba .....	108	52	301,419	354	41	750,175	462	93	1,051,594
Saskatchewan and British Columbia <sup>1</sup> .....	147	80	584,535	475	24	1,167,659	622	104	1,752,194
Alberta .....	156	47	480,669	525	32	1,196,106	681	79	1,676,775
<b>1950</b>									
<b>Canada .....</b>	<b>884</b>	<b>401</b>	<b>3,716,445</b>	<b>3,492</b>	<b>126</b>	<b>8,201,180</b>	<b>4,376</b>	<b>527</b>	<b>11,917,625</b>
Quebec .....	152	43	708,493	399	—	975,766	551	43	1,684,259
Ontario .....	367	179	1,631,898	1,773	33	4,075,063	2,140	212	5,706,961
Manitoba .....	72	34	218,590	325	36	705,604	397	70	924,194
Saskatchewan and British Columbia <sup>1</sup> .....	139	79	585,369	474	26	1,256,902	613	105	1,842,271
Alberta .....	154	66	572,095	521	31	1,187,845	675	97	1,759,940

1. British Columbia includes feed mills.

## FLOUR MILLS

TABLE 8. Grains used for Custom Chopping and Milling for Canada and the Provinces, 1950

	Wheat	Oats	Barley	Rye	Corn	Buck-wheat	Peas	Mixed Grains	Total Grains	Amount received for Custom Work
	Ton	Ton	Ton	Ton	Ton	Ton	Ton	Ton	Ton	\$
<b>Canada .....</b>	<b>5,485</b>	<b>12,792</b>	<b>11,416</b>	<b>18</b>	<b>570</b>	<b>20</b>	<b>18</b>	<b>46,281</b>	<b>76,600</b>	<b>160,484</b>
Quebec .....	—	201	10	—	—	—	—	—	211	739
Ontario .....	3,068	6,899	5,592	—	565	20	7	39,270	55,421	113,999
Manitoba .....	175	586	719	—	—	—	—	79	1,559	3,257
Saskatchewan .....	991	239	149	8	5	—	—	455	1,847	9,651
Alberta .....	1,251	4,814	4,946	10	—	—	11	6,384	17,416	32,570
British Columbia .....	—	53	—	—	—	—	—	93	146	268

## SECTION 3. FEED AND CHOPPING MILLS, 1950

TABLE 1. Principal Statistics of the Feed and Chopping Mill Industries in Canada, for the Years 1937-1950

Year	Estab-lish-ments	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
1937 .....	751	6,662,288	1,334	808,441	17,541,591	20,889,600
1938 .....	752	6,715,273	1,324	828,985	15,351,554	18,711,858
1939 .....	747	6,758,343	1,358	894,126	16,270,466	20,031,379
1940 .....	748	7,496,105	1,491	998,623	18,804,887	23,337,432
1941 .....	844	8,425,629	1,643	1,172,298	24,748,779	30,007,770
1942 .....	894	9,160,083	1,731	1,318,368	28,228,172	33,875,151
1943 .....	871	9,978,917	1,826	1,574,122	35,636,127	42,033,149
1944 .....	863	—	1,828	1,586,814	33,537,369	39,084,506
1945 .....	828	—	1,858	1,692,362	33,771,092	39,706,499
1946 .....	790	—	2,024	2,013,312	39,014,228	45,831,430
1947 .....	787	—	2,065	2,228,098	50,206,730	57,649,246
1948 .....	754	—	1,790	2,173,061	49,180,903	55,430,169
1949						
Canada .....	<b>714</b>	—	<b>1,549</b>	<b>1,938,647</b>	<b>43,202,439</b>	<b>48,488,781</b>
Prince Edward Island .....	7	—	10	7,766	187,838	214,389
Nova Scotia .....	4	—	6	6,148	114,395	137,444
New Brunswick .....	12	—	24	24,888	349,072	400,363
Quebec .....	132	—	291	330,314	5,466,928	6,201,447
Ontario .....	503	—	1,073	1,321,347	34,406,382	38,420,548
Manitoba .....	15	—	70	144,211	548,603	653,038
Saskatchewan .....	4	—	7	7,475	83,925	102,179
Alberta .....	37	—	68	96,498	2,045,296	2,359,373
1950						
Canada .....	<b>685</b>	—	<b>1,453</b>	<b>1,891,370</b>	<b>19,329,411</b>	<b>23,576,765</b>
Prince Edward Island .....	7	—	15	16,514	155,673	215,514
Nova Scotia .....	4	—	8	8,082	113,942	134,983
New Brunswick .....	12	—	26	27,576	225,452	286,466
Quebec .....	130	—	282	354,541	4,189,621	5,012,107
Ontario .....	478	—	1,021	1,353,542	13,744,807	16,804,740
Manitoba .....	14	—	35	44,828	329,303	400,865
Saskatchewan .....	5	—	6	6,300	63,000	77,803
Alberta .....	35	—	60	79,987	507,613	644,283

TABLE 2. Production in Feed and Chopping Mills by Classes, Quantity and Value for Canada and the Provinces, 1949 and 1950

Provinces	Chopped Grain Feed <sup>1</sup>		Other Products	Total
	Quantity	Value	Value	Value
	ton	\$	\$	\$
<b>1949</b>				
<b>Canada</b> .....	<b>768,410</b>	<b>43,632,446</b>	<b>4,856,335</b>	<b>48,488,781</b>
Prince Edward Island .....	3,458	174,854	39,535	214,389
Nova Scotia .....	2,302	137,444	—	137,444
New Brunswick .....	6,467	302,761	97,602	400,363
Quebec .....	101,205	5,710,178	491,269	6,201,447
Ontario .....	603,784	34,633,494	3,787,054	38,420,548
Manitoba .....	6,591	350,826	302,212	653,038
Saskatchewan .....	1,596	92,147	10,032	102,179
Alberta .....	43,007	2,230,742	128,631	2,359,373
<b>1950</b>				
<b>Canada</b> .....	<b>182,993</b>	<b>11,327,334</b>	<b>12,249,431</b>	<b>23,576,765</b>
Prince Edward Island .....	735	38,758	176,756	215,514
Nova Scotia .....	—	—	134,983	134,983
New Brunswick .....	144	9,570	276,896	286,466
Quebec .....	44,685	2,787,367	2,224,740	5,012,107
Ontario .....	129,382	8,054,885	8,749,855	16,804,740
Manitoba .....	4,209	186,955	213,914	400,869
Saskatchewan .....	326	20,284	57,519	77,803
Alberta .....	3,512	229,515	414,768	644,283

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 7 for the Feed milling industry.

TABLE 3. Materials Used in Feed and Chopping Mills, 1949 and 1950

Materials	1949		1950		
	Quantity	Value	Quantity	Value	
		\$		\$	
Wheat .....	ton	38,767	2,314,103	38,007	2,248,719
Oats .....	ton	158,277	7,804,575	100,435	5,469,148
Barley .....	ton	122,921	6,171,174	89,979	4,942,824
Rye .....	ton	493	23,346	407	21,643
Corn .....	ton	16,228	906,797	13,413	881,314
Buckwheat .....	ton	2,789	146,192	1,933	95,192
Peas .....	ton	2,166	269,452	1,450	144,084
Mixed grain .....	ton	508,443	23,971,958	29,346	1,541,614
Other grains .....	ton	2,809	133,331	6,838	267,584
Alfalfa .....	ton	340	10,853	1,407	54,131
Mill Feeds (Bran etc.) .....	ton	—	—	17,018	930,552
Concentrates (all kinds) .....	ton	—	—	24,280	2,369,099
Other ingredients used .....	ton	—	—	1,683	111,128
Cost of containers .....	—	—	232,039	—	248,607
Materials used for making containers .....	—	—	1,388	—	—
All other materials .....	—	—	1,217,231	—	3,772
<b>Total</b> .....	<b>—</b>	<b>—</b>	<b>43,202,439</b>	<b>—</b>	<b>19,329,411</b>

TABLE 4. Size of Establishments, 1949 and 1950

Establishments having a production of	Estab- lish- ments	Employees	Salaries and wages	Cost of materials used	Total production
	No.	No.	\$	\$	\$
<b>1949</b>					
Under \$50,000 .....	400	610	523, 628	9, 484, 468	10, 679, 804
\$50,000 to \$99,999 .....	166	365	476, 916	11, 014, 229	12, 358, 297
\$100,000 to \$199,999 .....	116	395	621, 708	14, 320, 104	16, 127, 984
\$200,000 and over .....	32	179	316, 395	8, 383, 638	9, 322, 696
<b>Total</b> .....	<b>714</b>	<b>1, 549</b>	<b>1, 938, 647</b>	<b>43, 202, 439</b>	<b>48, 488, 781</b>
<b>1950</b>					
Under \$50,000 .....	533	828	831, 911	4, 694, 222	6, 305, 538
\$50,000 to \$99,999 .....	87	287	450, 031	5, 152, 193	6, 112, 723
\$100,000 to \$199,999 .....	54	264	474, 829	6, 309, 527	7, 422, 665
\$200,000 and over .....	11	74	134, 599	3, 173, 469	3, 735, 839
<b>Total</b> .....	<b>685</b>	<b>1, 453</b>	<b>1, 891, 370</b>	<b>19, 329, 411</b>	<b>23, 576, 765</b>

TABLE 5. Employees, Salaries and Wages in Feed and Chopping Mills, 1950

Provinces	Employees on Salaries			Employees on Wages			Total Employees, Salaries and Wages		
	Male	Female	Total Salaries	Male	Female	Total Wages	Male	Female	Salaries and Wages
	No.	No.	\$	No.	No.	\$	No.	No.	\$
<b>Canada</b> .....	<b>630</b>	<b>57</b>	<b>806, 368</b>	<b>762</b>	<b>4</b>	<b>1, 085, 002</b>	<b>1, 392</b>	<b>61</b>	<b>1, 891, 370</b>
Prince Edward Island .....	8	—	9, 164	7	—	7, 350	15	—	16, 514
Nova Scotia .....	2	—	850	6	—	7, 232	8	—	8, 082
New Brunswick .....	13	1	13, 178	12	—	14, 398	25	1	27, 576
Quebec .....	117	10	133, 152	151	4	221, 389	268	14	354, 541
Ontario .....	433	41	584, 302	547	—	769, 240	980	41	1, 353, 542
Manitoba .....	18	2	20, 988	15	—	23, 840	33	2	44, 828
Saskatchewan .....	3	—	1, 100	3	—	5, 200	6	—	6, 300
Alberta .....	36	3	43, 634	21	—	36, 353	57	3	79, 987

TABLE 6. Monthly Employment of Wage-Earners, 1949 and 1950

Months	In Feed and Chopping Mills			
	1949		1950	
	Male	Female	Male	Female
	No.	No.	No.	No.
January .....	825	4	755	4
February .....	817	4	754	4
March .....	821	4	759	4
April .....	811	4	751	4
May .....	793	4	733	4
June .....	772	4	712	4
July .....	782	4	708	4
August .....	798	4	719	4
September .....	790	4	724	4
October .....	827	4	733	4
November .....	830	4	749	4
December .....	815	4	753	4
Average monthly employment .....	836	4	762	4

FEED AND CHOPPING MILLS

TABLE 7. Grains used for Custom Chopping and Milling for Canada and the Provinces, 1950

	Wheat	Oats	Barley	Rye	Corn	Buck-wheat	Peas	Mixed Grains	Total Grains	Amount received for Custom Work
	Ton	Ton	Ton	Ton	Ton	Ton	Ton	Ton	Ton	\$
Canada .....	13,945	93,455	35,825	964	5,481	2,005	39	430,347	582,061	1,209,459
Prince Edward Island .....	107	488	—	—	—	—	—	2,649	3,244	7,756
Nova Scotia .....	—	137	—	—	—	—	—	233	370	1,176
New Brunswick .....	41	1,934	1,083	—	—	358	—	4,356	7,772	20,473
Quebec .....	1,520	24,617	7,501	2	410	884	30	42,212	77,176	221,927
Ontario .....	11,571	58,222	20,720	960	5,071	503	9	361,923	458,979	908,130
Manitoba .....	232	908	1,014	—	—	260	—	496	2,910	6,102
Saskatchewan .....	70	359	263	—	—	—	—	212	904	1,897
Alberta .....	404	6,790	5,244	2	—	—	—	18,266	30,706	41,998



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